

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002513.D
 Acq On : 13 Jun 2018 17:12
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144003	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.51	113	111642	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.72	98	428024	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	161541	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45687	20.311	ug/l	99
3) Chloromethane	1.32	50	52856	18.711	ug/l	99
4) Vinyl Chloride	1.40	62	59696	21.058	ug/l	100
5) Bromomethane	1.64	94	32853	18.367	ug/l	98
6) Chloroethane	1.73	64	39085	21.314	ug/l	98
7) Trichlorofluoromethane	1.93	101	104774	24.257	ug/l	97
8) Diethyl Ether	2.19	74	37021	22.817	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61097	26.212	ug/l	98
10) Methyl Iodide	2.51	142	58683	17.900	ug/l	98
11) Tert butyl alcohol	3.07	59	72833	103.233	ug/l	97
12) 1,1-Dichloroethene	2.37	96	51261	22.254	ug/l	98
13) Acrolein	2.29	56	18453	52.349	ug/l	98
14) Allyl chloride	2.73	41	100867	20.178	ug/l	98
15) Acrylonitrile	3.15	53	159003	115.531	ug/l	99
16) Acetone	2.45	43	167327	115.419	ug/l	98
17) Carbon Disulfide	2.57	76	104895	17.278	ug/l	99
18) Methyl Acetate	2.78	43	79570	24.281	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	195977	23.148	ug/l	97
20) Methylene Chloride	2.86	84	60318	23.171	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	54820	21.581	ug/l	100
22) Diisopropyl ether	3.87	45	206985	24.012	ug/l	95
23) Vinyl Acetate	3.82	43	892379	110.118	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111035	22.473	ug/l	99
25) 2-Butanone	4.70	43	202561	95.477	ug/l	98
26) 2,2-Dichloropropane	4.59	77	73905	19.136	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	54405	19.694	ug/l	99
28) Bromochloromethane	5.02	49	46584	20.036	ug/l	98
29) Tetrahydrofuran	5.17	42	125454	91.715	ug/l	97
30) Chloroform	5.22	83	99012	20.768	ug/l	98
31) Cyclohexane	5.57	56	80575	20.624	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	81885	20.252	ug/l	98
36) 1,1-Dichloropropene	5.80	75	68618	21.611	ug/l	98
37) Ethyl Acetate	4.86	43	79277	20.762	ug/l	99
38) Carbon Tetrachloride	5.79	117	72097	21.705	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84607	21.718	ug/l	98
40) Benzene	6.15	78	209386	21.507	ug/l	99
41) Methacrylonitrile	5.06	41	44980	20.577	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82916	21.436	ug/l	100
43) Isopropyl Acetate	6.46	43	129850	20.021	ug/l	100
44) Trichloroethene	7.21	130	60080	22.236	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57178	21.755	ug/l	97
46) Dibromomethane	7.67	93	37230	20.896	ug/l	98
47) Bromodichloromethane	7.90	83	68052	21.118	ug/l	99
48) Methyl methacrylate	7.78	41	66728	20.482	ug/l	98
49) 1,4-Dioxane	7.76	88	25331	415.849	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	431597	106.859	ug/l	99
52) Toluene	8.79	92	136694	22.076	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79352	20.535	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	72230	19.812	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56628	22.236	ug/l	98
56) Ethyl methacrylate	9.18	69	84319	20.738	ug/l	98
57) 1,3-Dichloropropane	9.38	76	93042	21.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	155709	82.743	ug/l	100
59) 2-Hexanone	9.50	43	330833	106.046	ug/l	99
60) Dibromochloromethane	9.59	129	53024	20.700	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57762	21.753	ug/l	100
64) Tetrachloroethene	9.34	164	69402	23.019	ug/l	96
65) Chlorobenzene	10.14	112	158574	21.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55389	21.029	ug/l	99
67) Ethyl Benzene	10.26	91	272616	22.394	ug/l	99
68) m/p-Xylenes	10.36	106	209215	44.211	ug/l	99
69) o-Xylene	10.70	106	101010	21.449	ug/l	100
70) Styrene	10.71	104	168556	21.895	ug/l	99
71) Bromoform	10.86	173	38142	18.509	ug/l #	99
73) Isopropylbenzene	11.02	105	285013	21.550	ug/l	99
74) N-amyl acetate	6.46	43	129850	18.221	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82984	19.950	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82591m	19.798	ug/l	
77) Bromobenzene	11.26	156	75773	20.408	ug/l	99
78) n-propylbenzene	11.37	91	329082	22.387	ug/l	100
79) 2-Chlorotoluene	11.43	91	191789	20.662	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241221	21.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19895	16.717	ug/l	88
82) 4-Chlorotoluene	11.51	91	228549	21.332	ug/l	100
83) tert-Butylbenzene	11.77	119	232815	21.076	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247946	21.233	ug/l	99
85) sec-Butylbenzene	11.95	105	299480	23.125	ug/l	100
86) p-Isopropyltoluene	12.07	119	268885	22.795	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140971	21.234	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143946	21.036	ug/l	100
89) n-Butylbenzene	12.39	91	240382	24.298	ug/l	99
90) Hexachloroethane	12.60	117	35959	19.097	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	143857	20.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16937	18.620	ug/l	97

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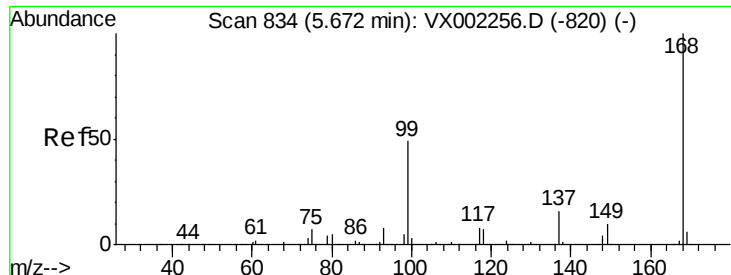
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106911	22.197	ug/l	100
94) Hexachlorobutadiene	13.79	225	59914	25.174	ug/l	98
95) Naphthalene	13.84	128	286493	20.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107355	21.856	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion:168 Resp: 216378

Ion Ratio Lower Upper

168 100

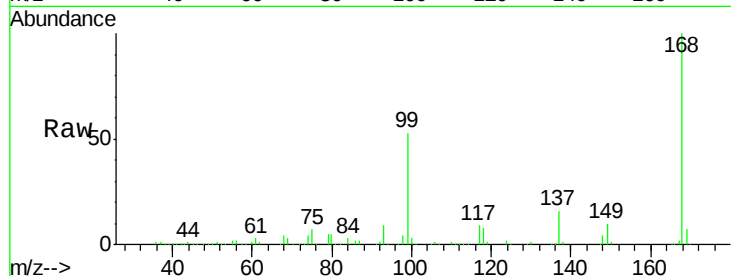
99 52.9 39.3 58.9

Manual Integrations

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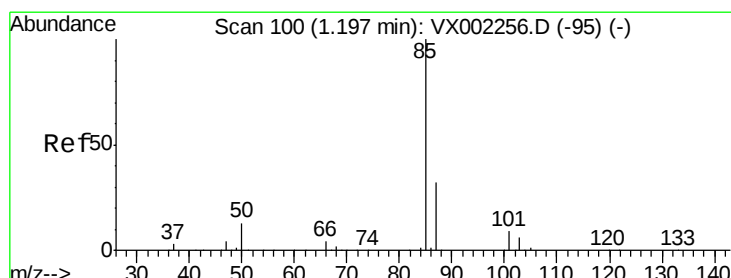
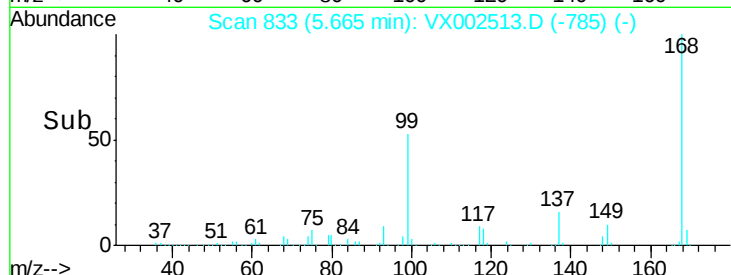
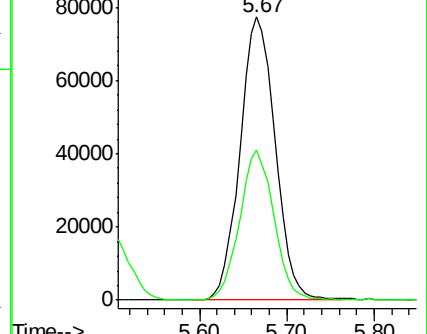
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.311 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002513.D

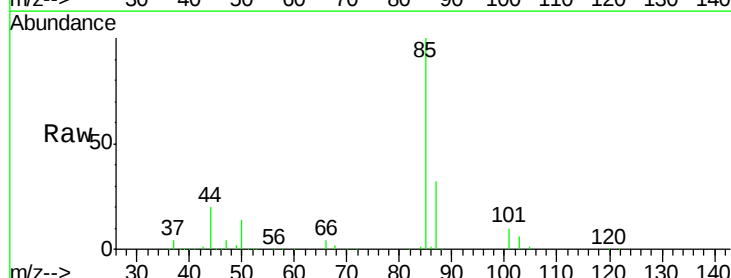
Acq: 13 Jun 2018 17:12

Tgt Ion: 85 Resp: 45687

Ion Ratio Lower Upper

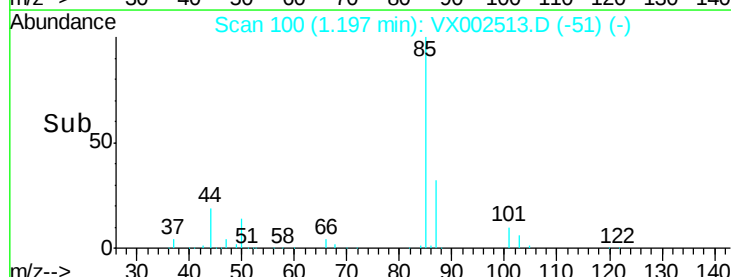
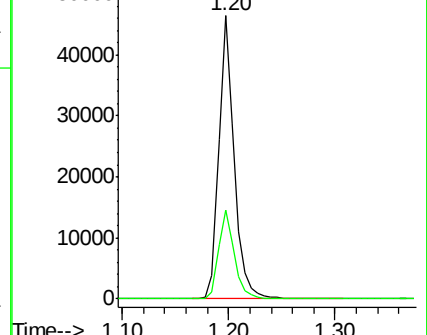
85 100

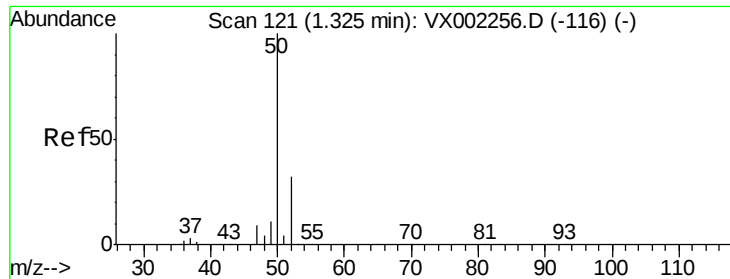
87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.711 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

VX0613WBS01

Tot Ion: 50 Resp: 52856

Ion Ratio Lower Upper

50 100

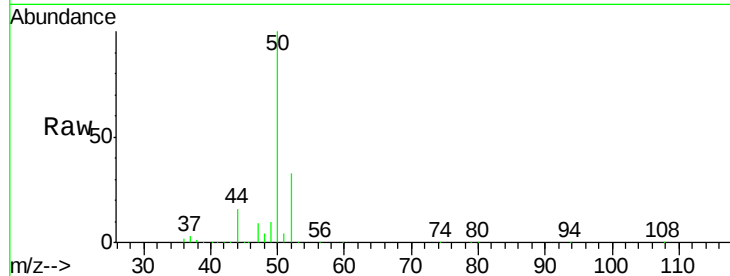
52 32.6 25.7 38.5

Manual Integrations

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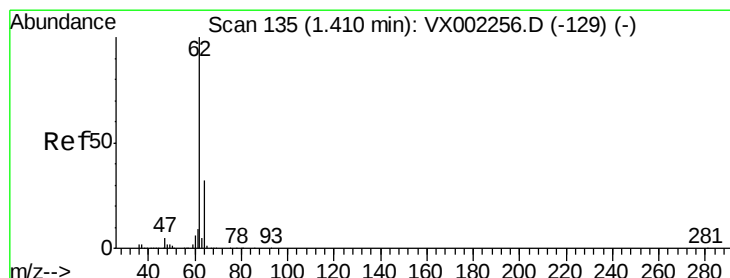
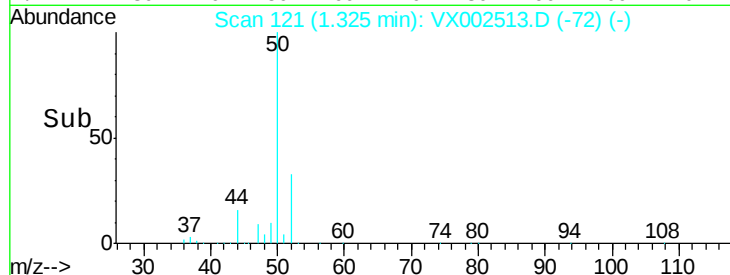
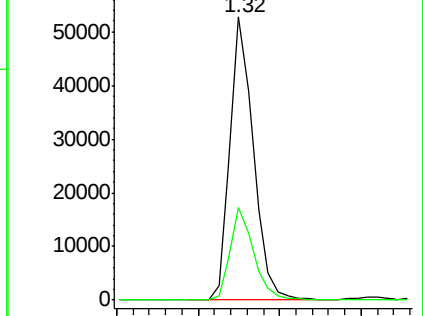
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.058 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002513.D

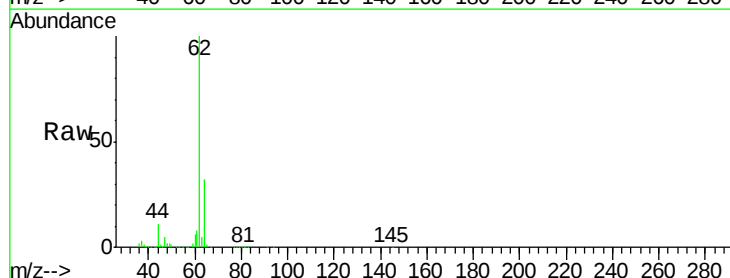
Acq: 13 Jun 2018 17:12

Tgt Ion: 62 Resp: 59696

Ion Ratio Lower Upper

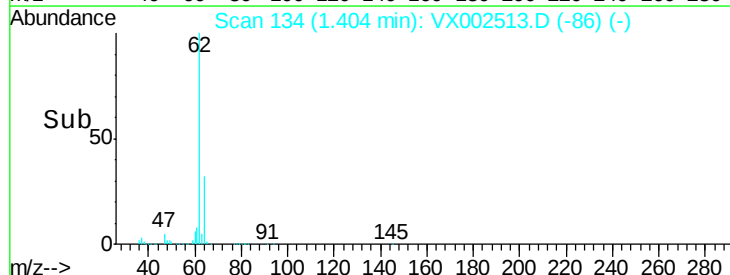
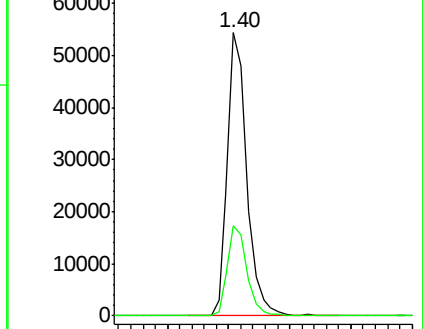
62 100

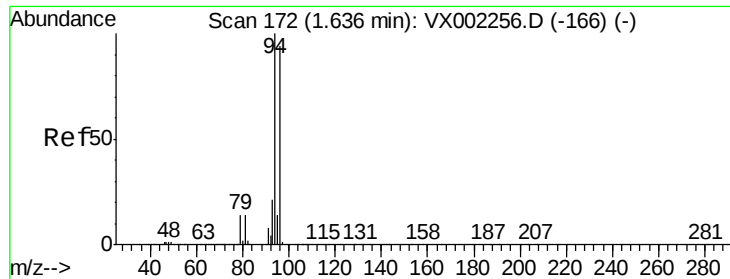
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.367 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 94 Resp: 32853

Ion Ratio Lower Upper

94 100

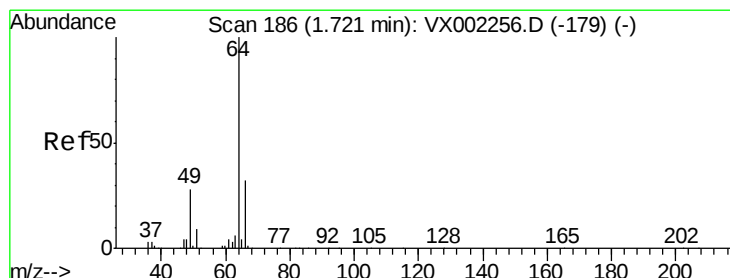
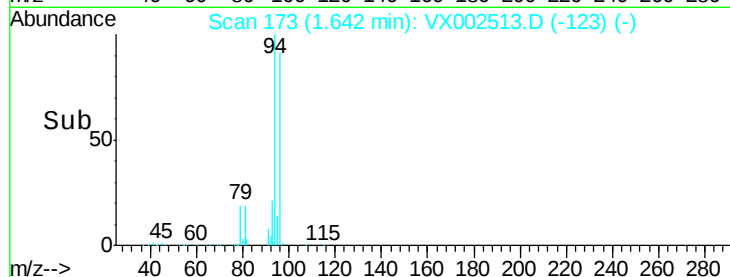
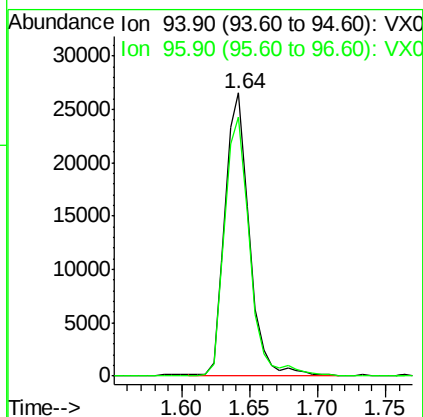
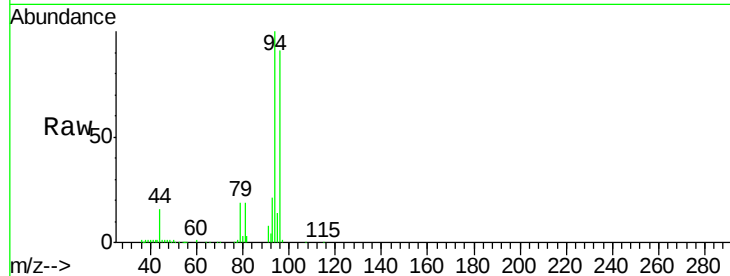
96 91.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 21.314 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002513.D

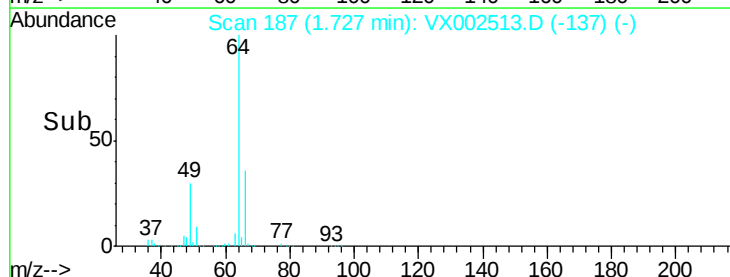
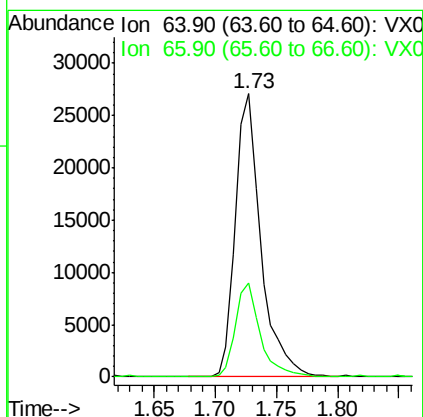
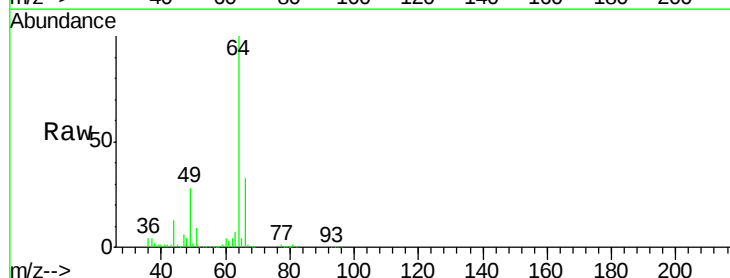
Acq: 13 Jun 2018 17:12

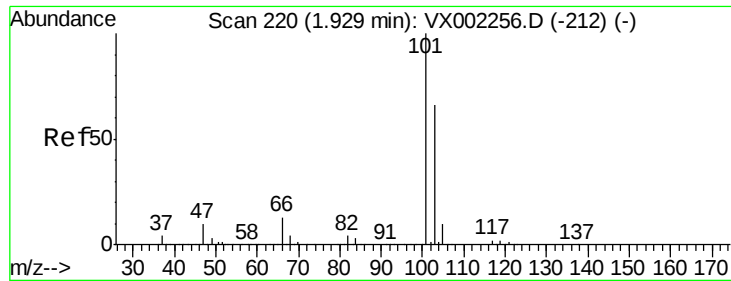
Tgt Ion: 64 Resp: 39085

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3





#7

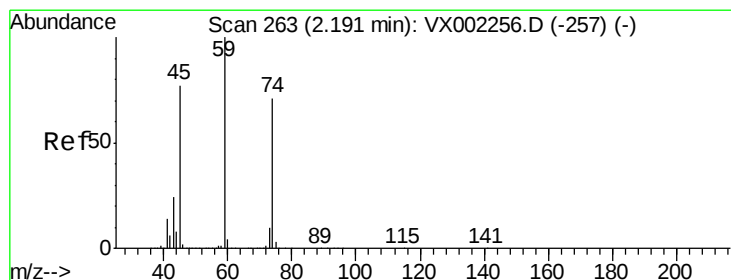
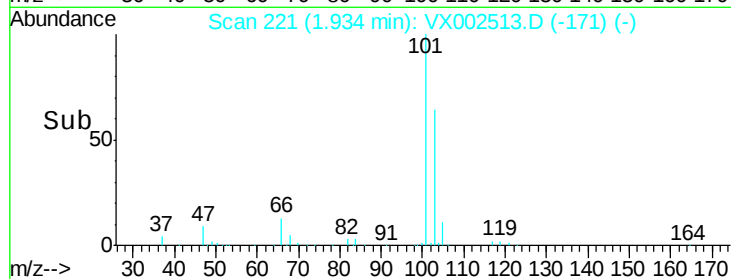
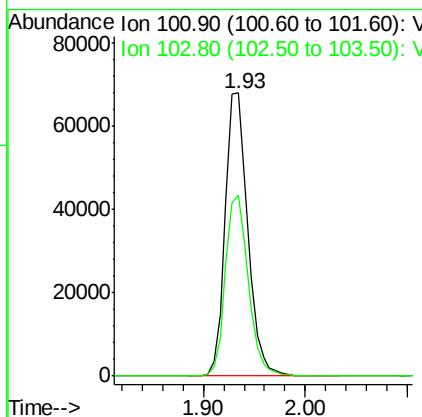
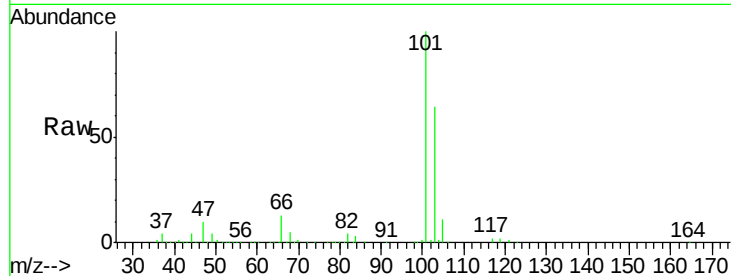
Trichlorofluoromethane
Concen: 24.257 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.8	79.2

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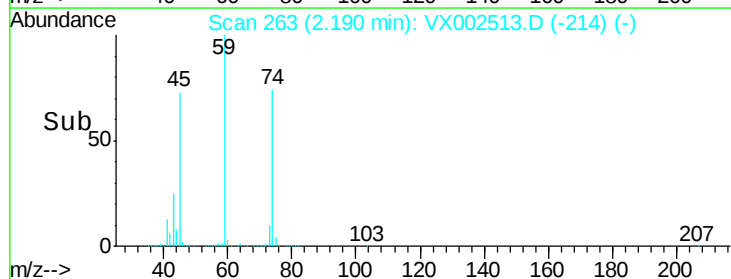
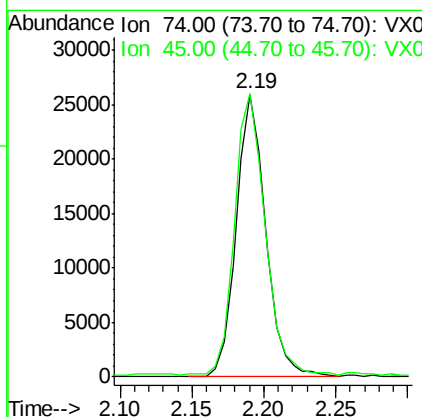
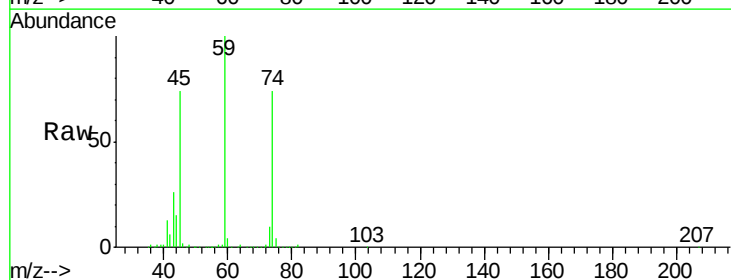
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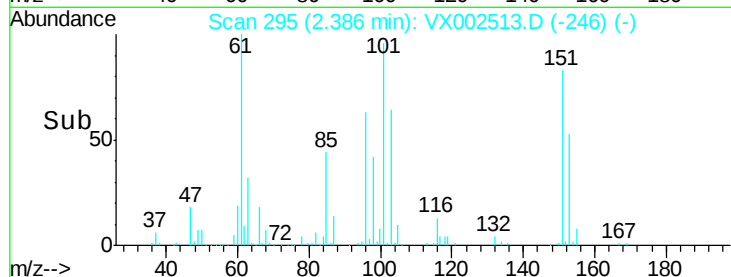
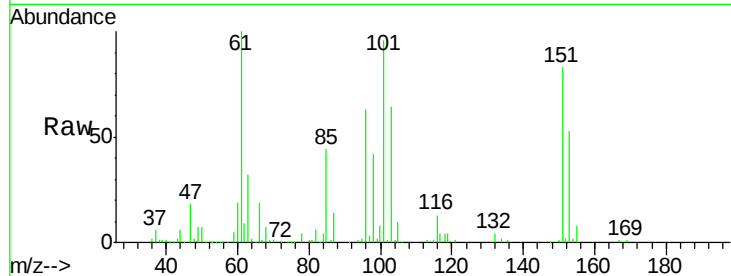
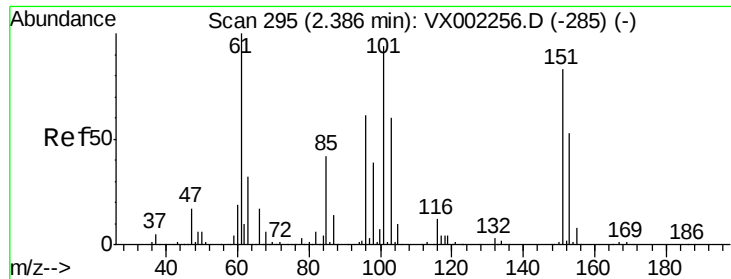


#8

Diethyl Ether
Concen: 22.817 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002513.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	53.1	159.4





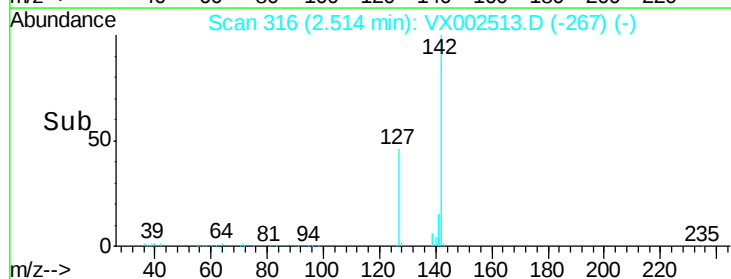
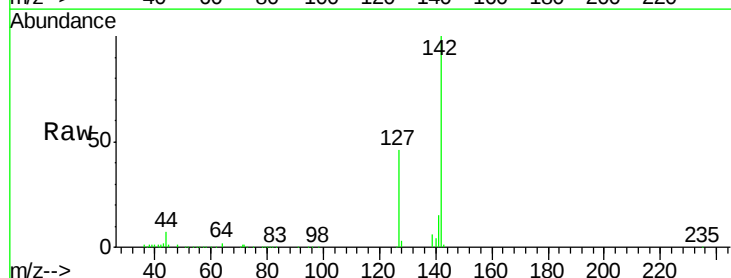
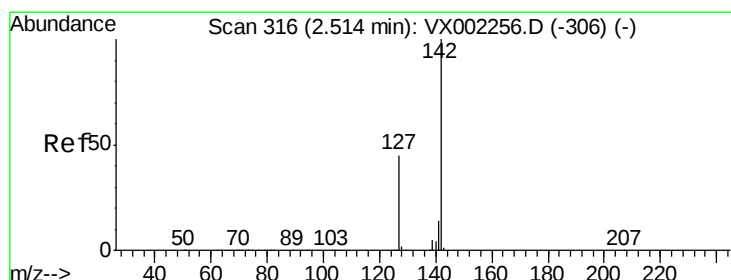
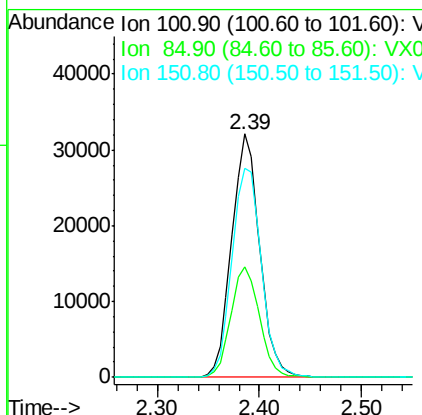
#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.212 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion:101 Resp: 61097
Ion Ratio Lower Upper
101 100
85 46.4 36.0 54.0
151 90.1 70.9 106.3

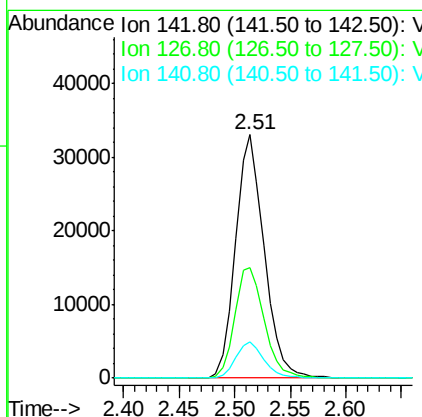
Manual Integrations
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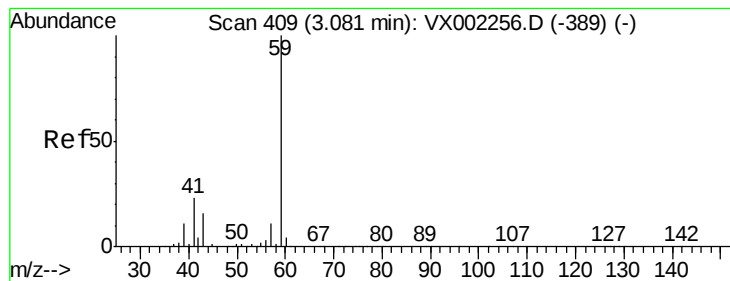
MMDadoda
6/14/2018 11:29:24 AM



#10
Methyl Iodide
Concen: 17.900 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion:142 Resp: 58683
Ion Ratio Lower Upper
142 100
127 46.8 36.6 55.0
141 15.0 11.3 16.9





#11

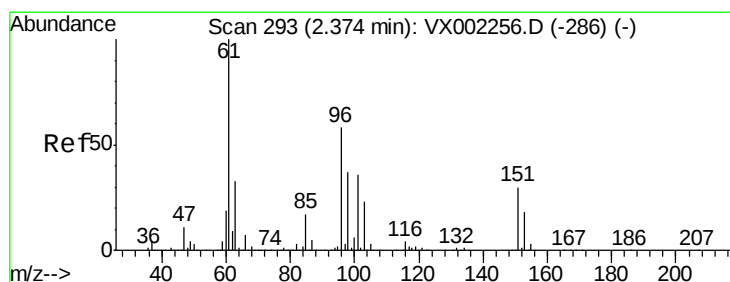
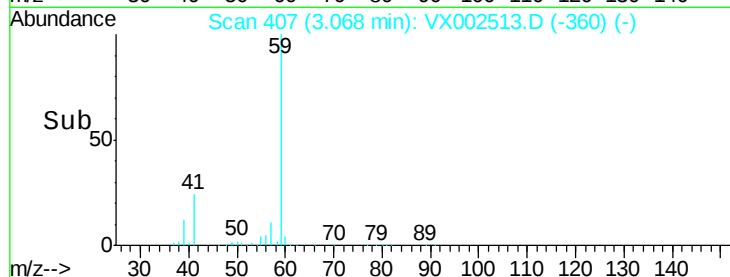
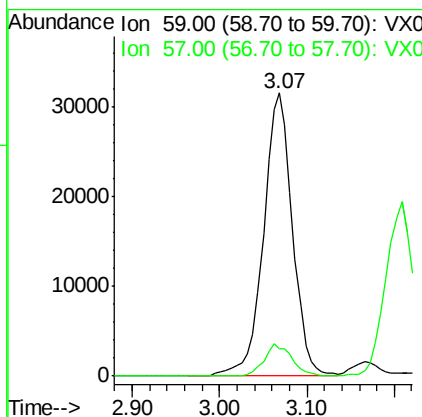
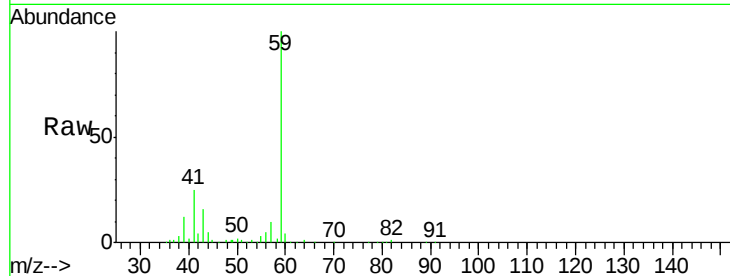
Tert butyl alcohol
 Concen: 103.233 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.2	12.2

Manual Integrations
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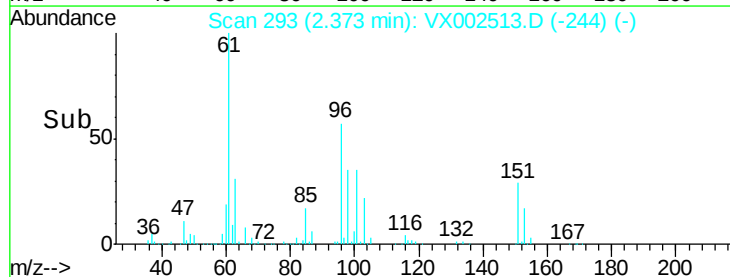
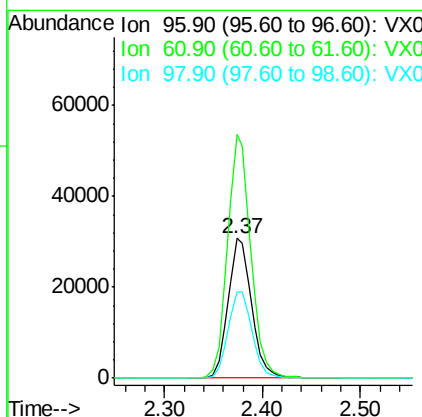
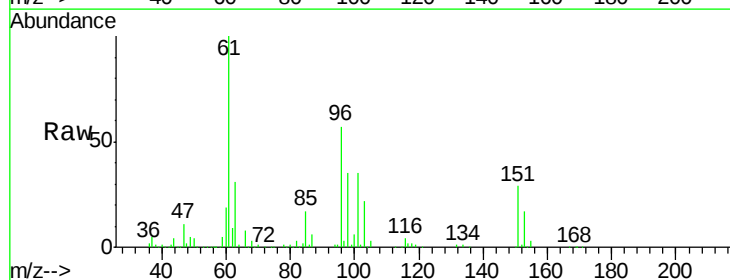
MMDadoda
 6/14/2018 11:29:24 AM

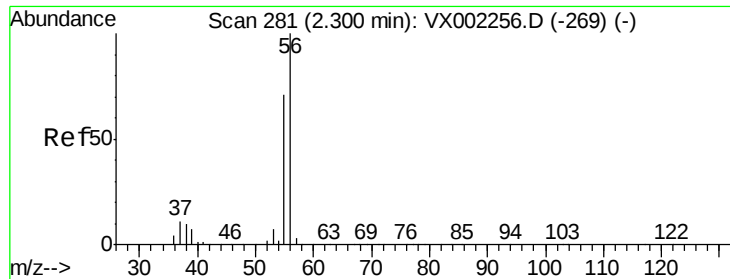


#12

1,1-Dichloroethene
 Concen: 22.254 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.4	137.9	206.9
98	61.4	51.6	77.4





#13

Acrolein

Concen: 52.349 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 56 Resp: 18453

Ion Ratio Lower Upper

56 100

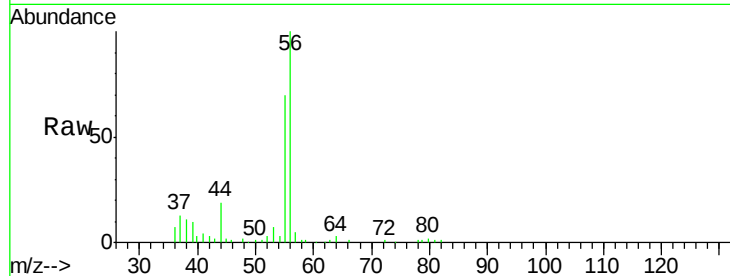
55 69.4 57.0 85.4

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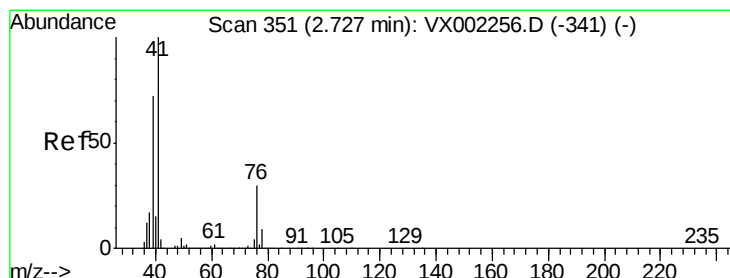
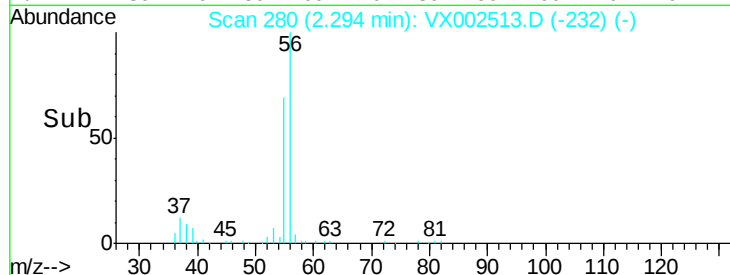
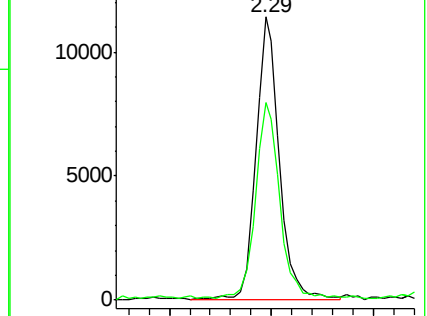
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.178 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

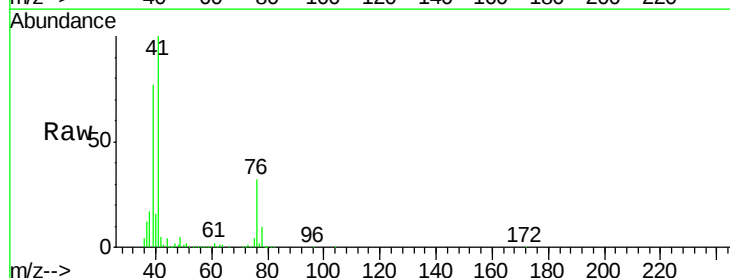
Tgt Ion: 41 Resp: 100867

Ion Ratio Lower Upper

41 100

39 73.1 56.8 85.2

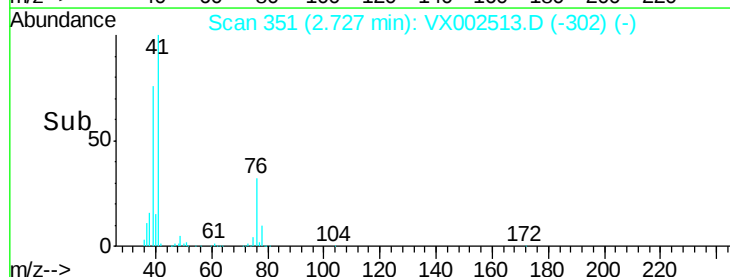
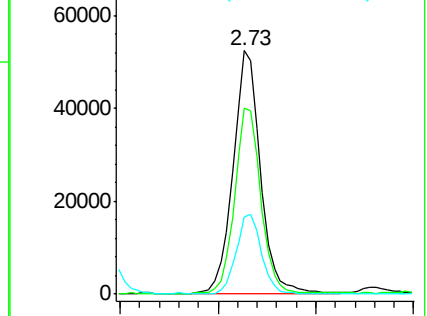
76 30.5 23.8 35.8

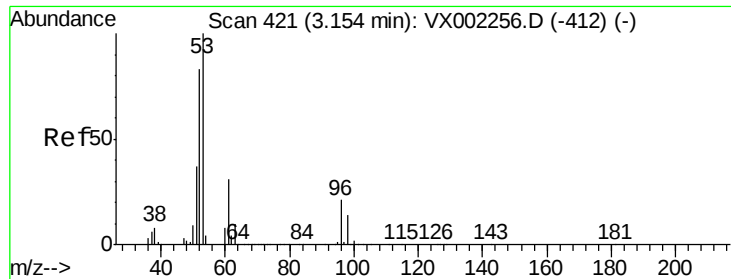


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 115.531 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

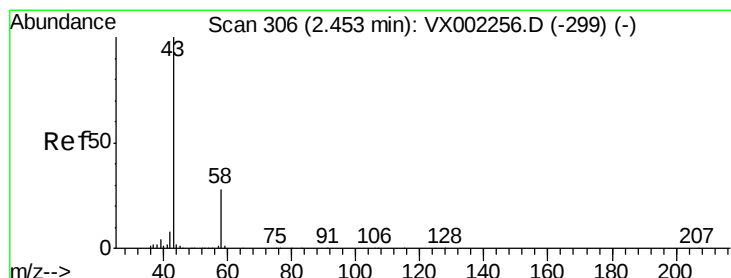
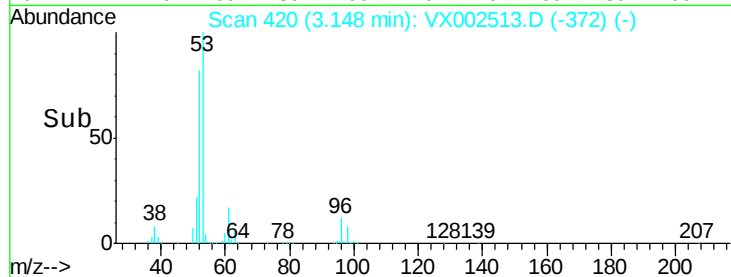
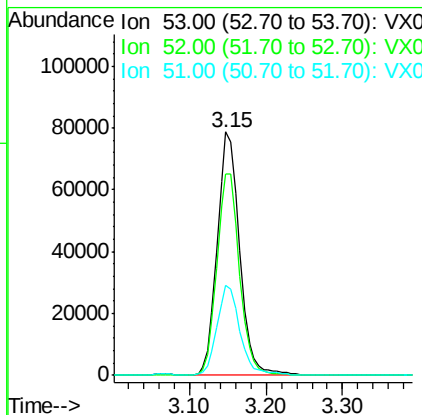
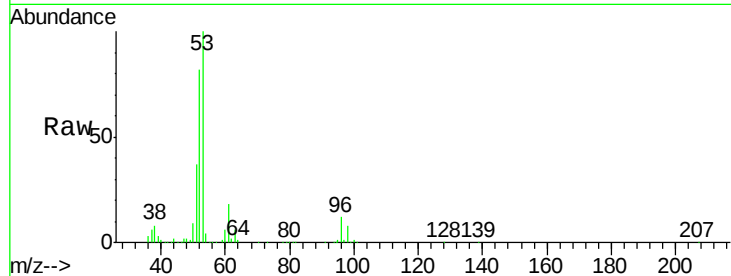
ClientSampled :

VX0613WBS01

Tot Ion:	53	Resp:	159003
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.7	100.1
51	38.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 115.419 ug/l

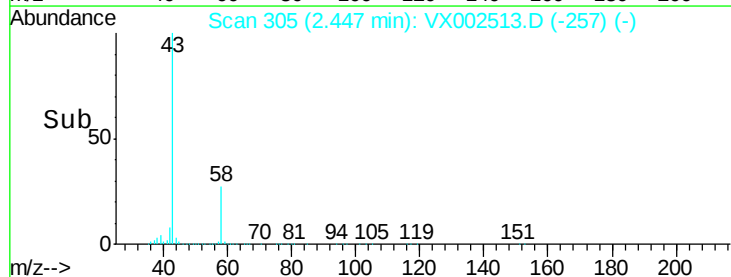
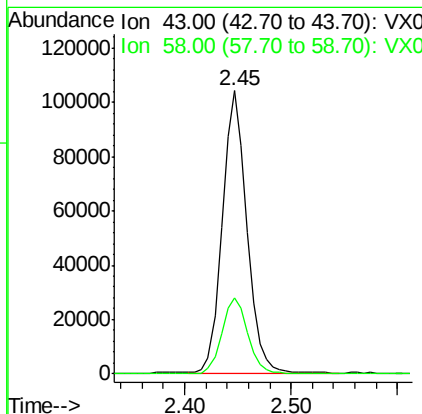
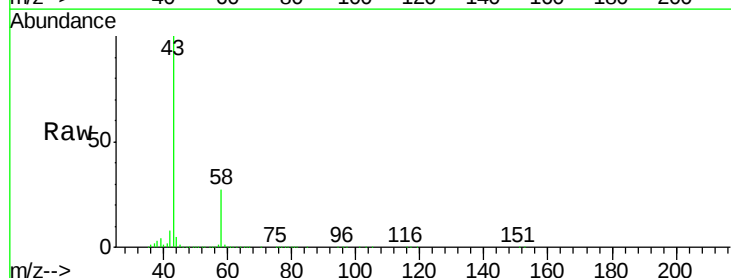
RT: 2.45 min Scan# 305

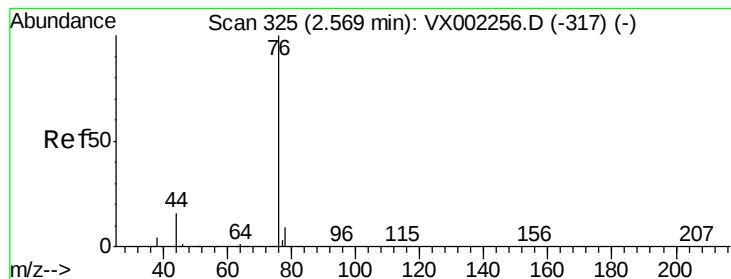
Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion:	43	Resp:	167327
Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.1	33.1





#17

Carbon Disulfide

Concen: 17.278 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 76 Resp: 104895

Ion Ratio Lower Upper

76 100

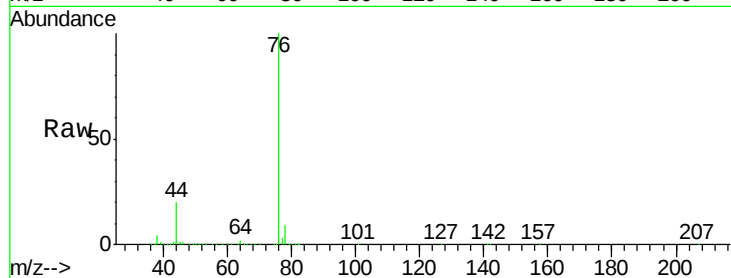
78 8.4 6.9 10.3

Manual Integrations

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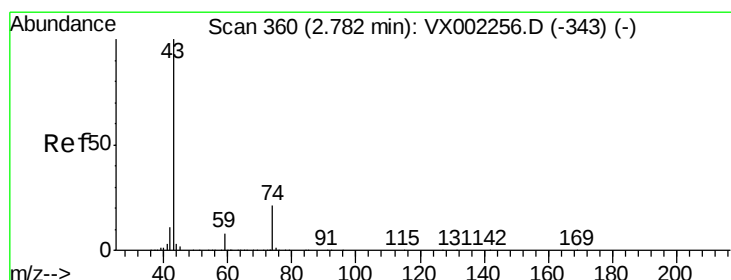
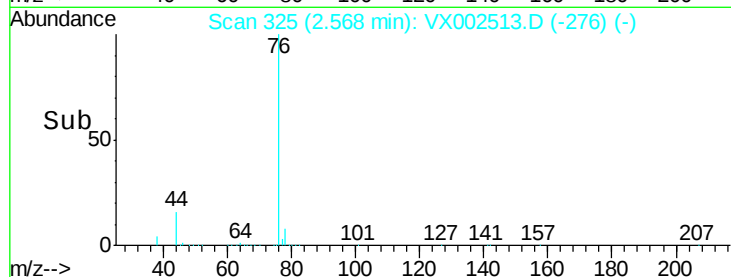
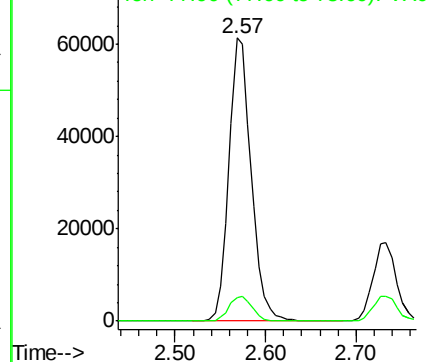
MMDadoda

6/14/2018 11:29:24 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.281 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002513.D

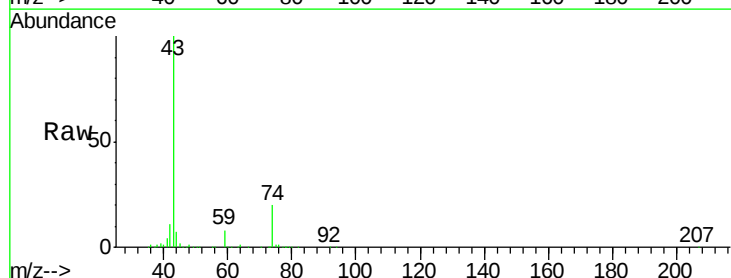
Acq: 13 Jun 2018 17:12

Tgt Ion: 43 Resp: 79570

Ion Ratio Lower Upper

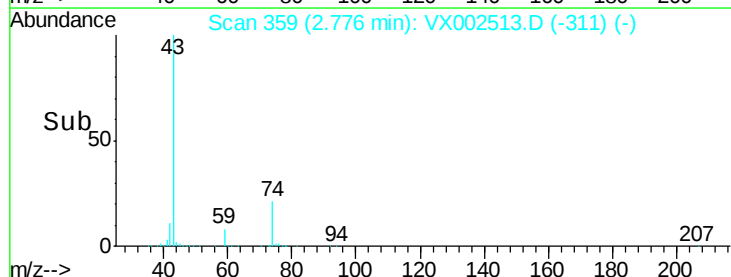
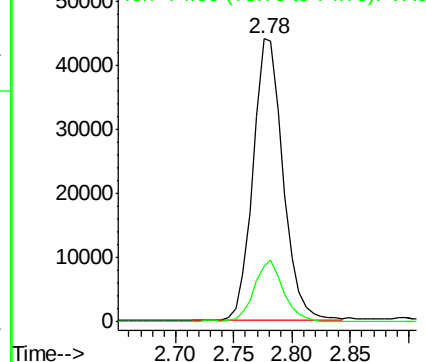
43 100

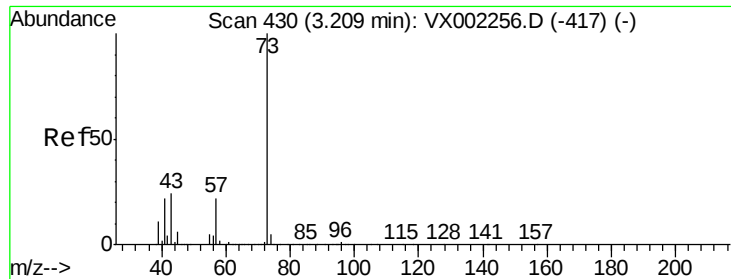
74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





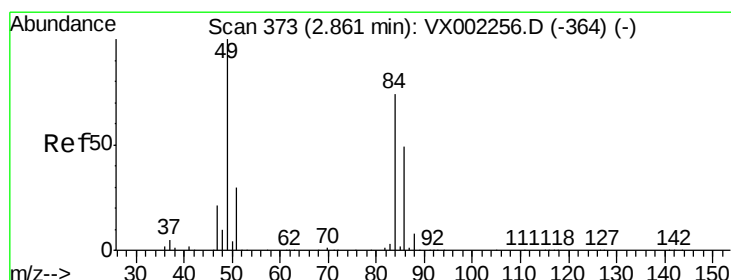
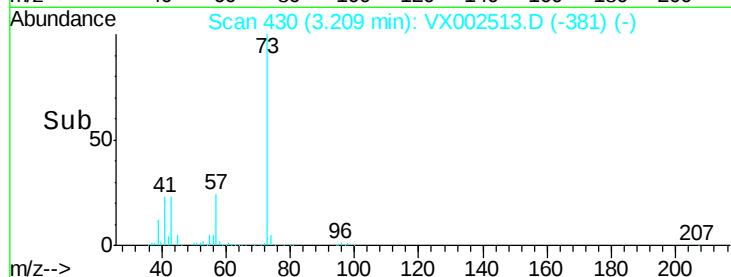
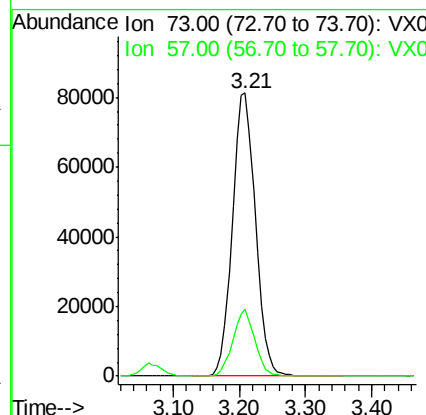
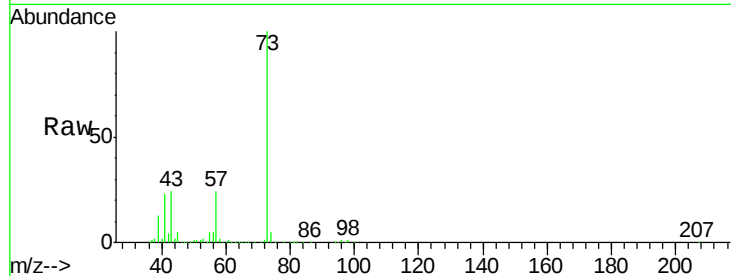
#19
Methvl tert-butvl Ether
Concen: 23.148 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.7	26.5

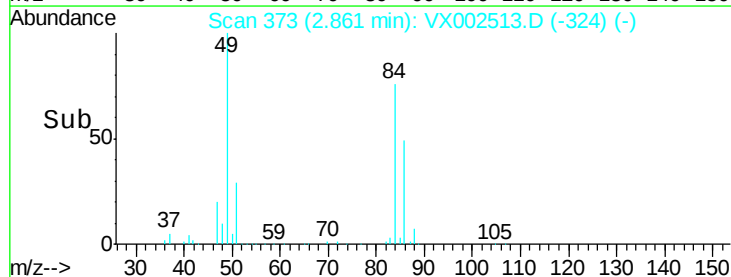
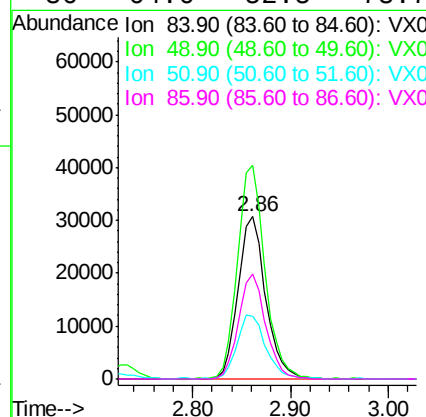
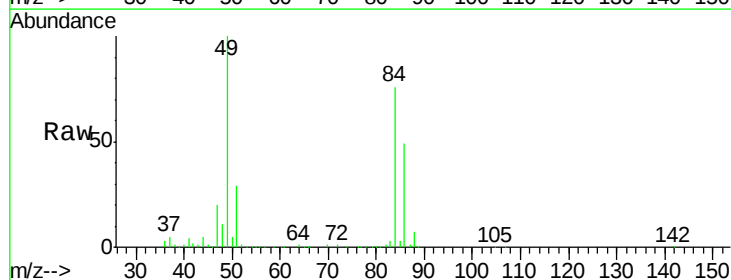
Manual Integrations
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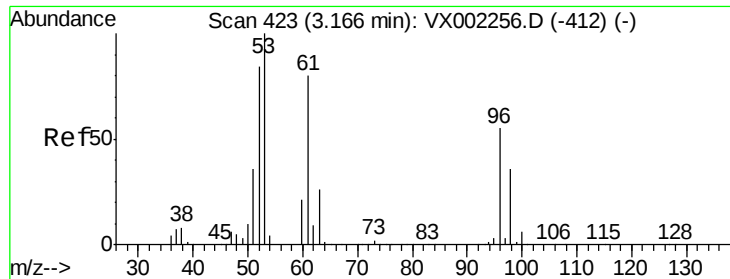
MMDadoda
6/14/2018 11:29:24 AM



#20
Methylene Chloride
Concen: 23.171 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.4	107.8	161.6
51	38.6	32.8	49.2
86	64.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 21.581 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

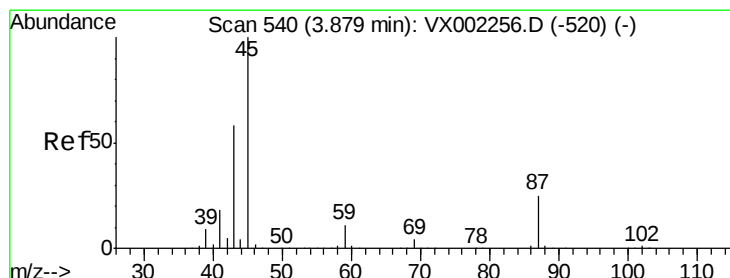
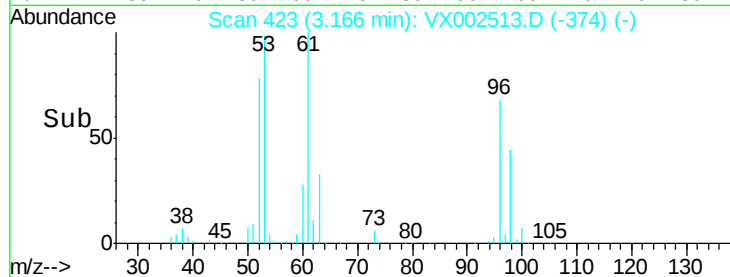
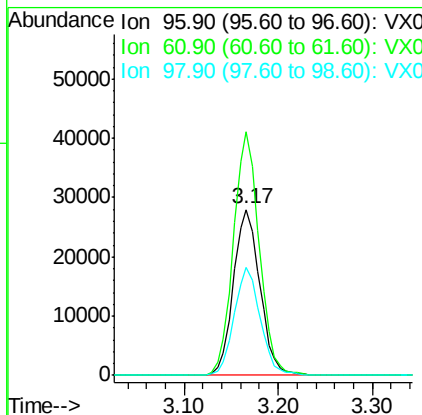
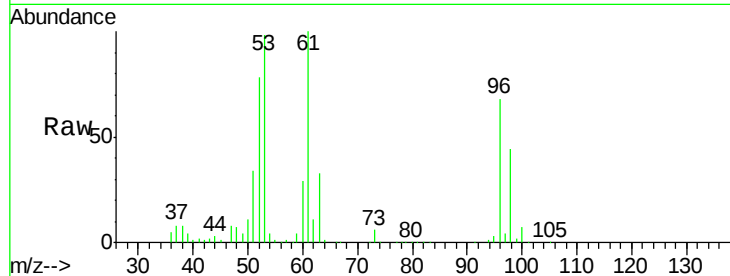
ClientSampleId :

VX0613WBS01

Tot Ion:	96	Resp:	54820
Ion	Ratio	Lower	Upper
96	100		
61	146.6	117.0	175.4
98	65.2	52.4	78.6

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#22

Diisopropyl ether

Concen: 24.012 ug/l

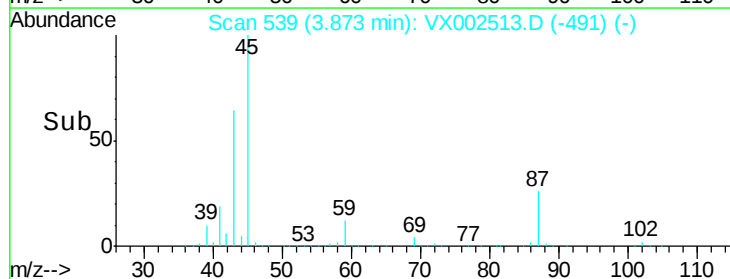
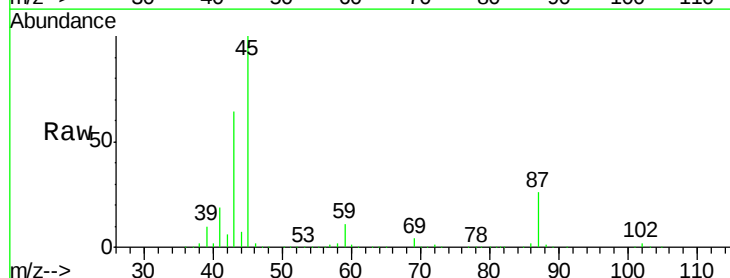
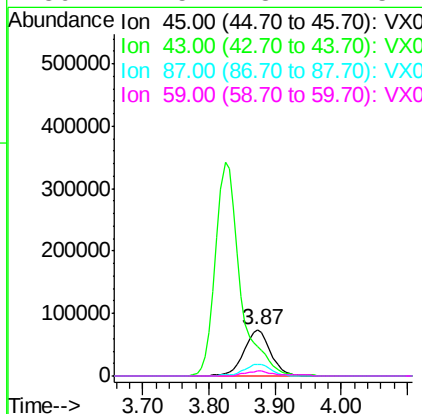
RT: 3.87 min Scan# 539

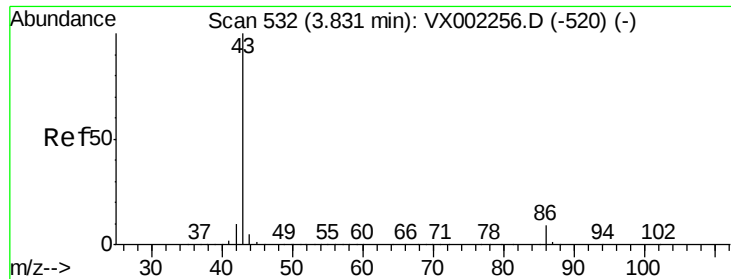
Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion:	45	Resp:	206985
Ion	Ratio	Lower	Upper
45	100		
43	63.7	46.8	70.2
87	26.2	20.2	30.4
59	11.5	8.7	13.1





#23

Vinyl Acetate

Concen: 110.118 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

VX0613WBS01

Tot Ion: 43 Resp: 892379

Ion Ratio Lower Upper

43 100

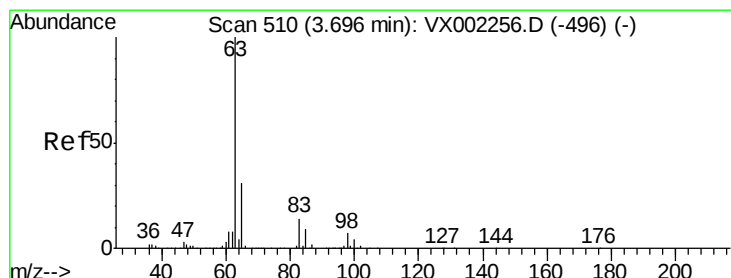
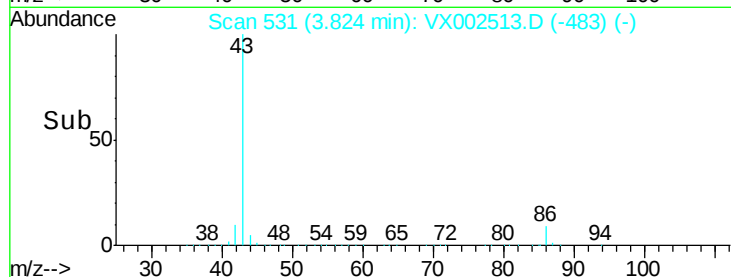
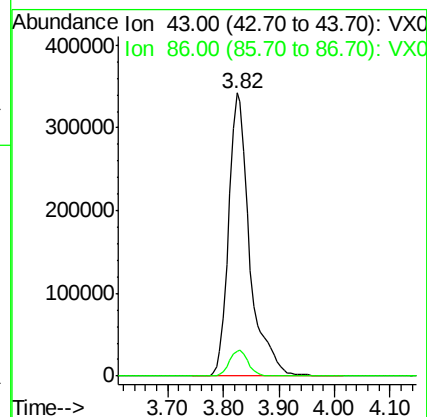
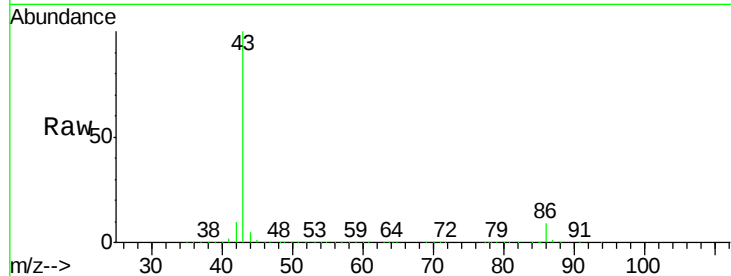
86 8.9 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.473 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

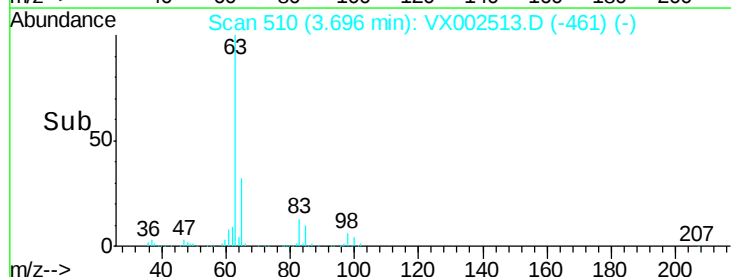
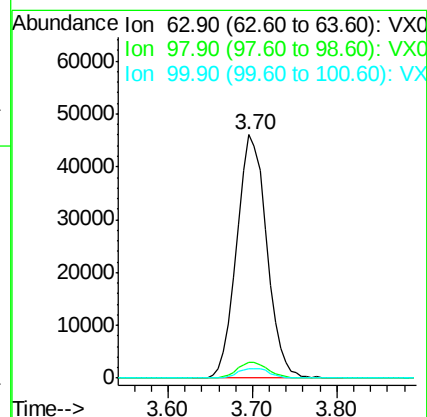
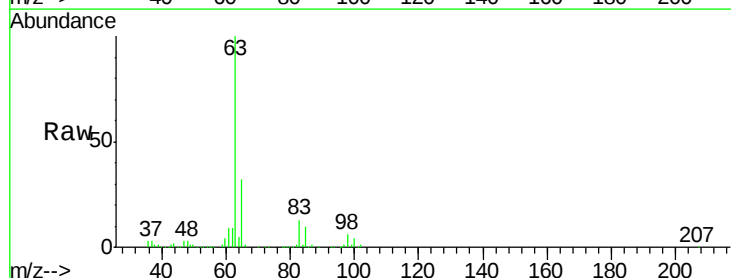
Tgt Ion: 63 Resp: 111035

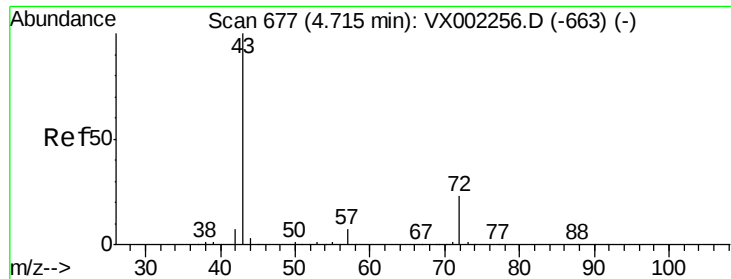
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 95.477 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 43 Resp: 202561

Ion Ratio Lower Upper

43 100

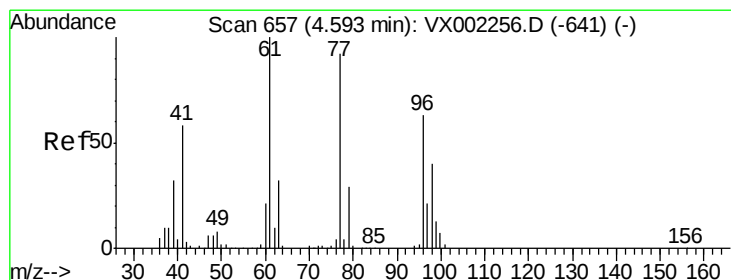
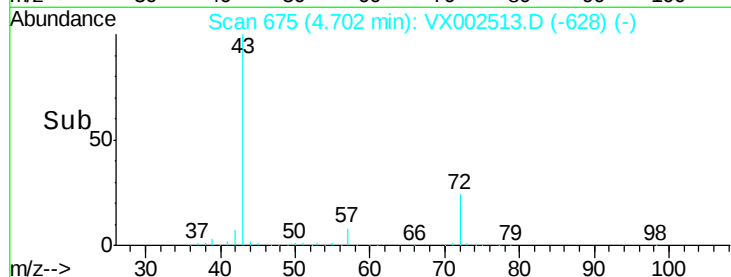
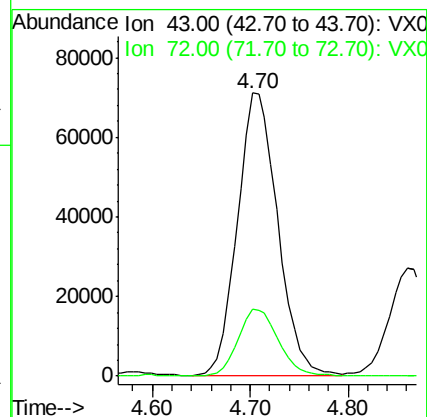
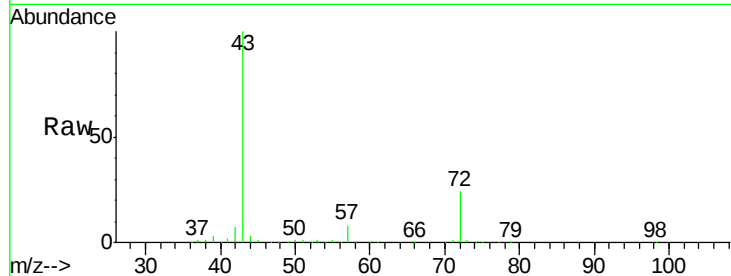
72 23.9 18.5 27.7

Manual Integrations

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6/14/2018 11:29:24 AM



#26

2,2-Dichloropropane

Concen: 19.136 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002513.D

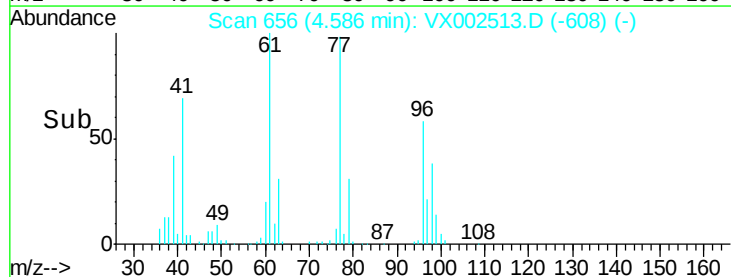
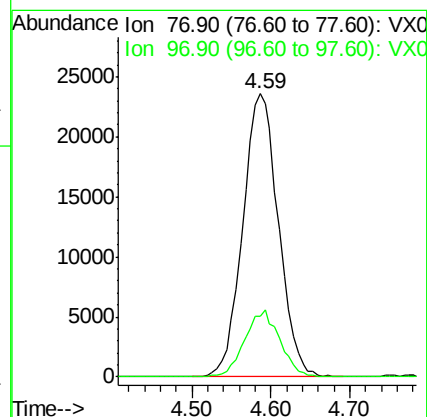
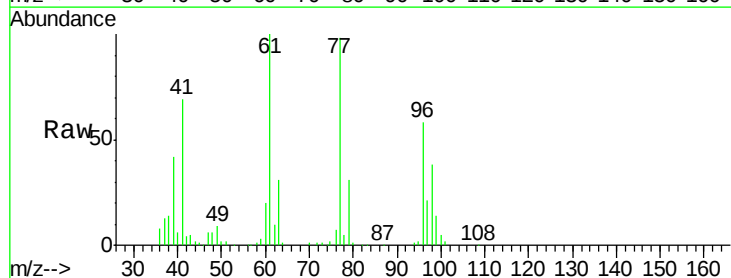
Acq: 13 Jun 2018 17:12

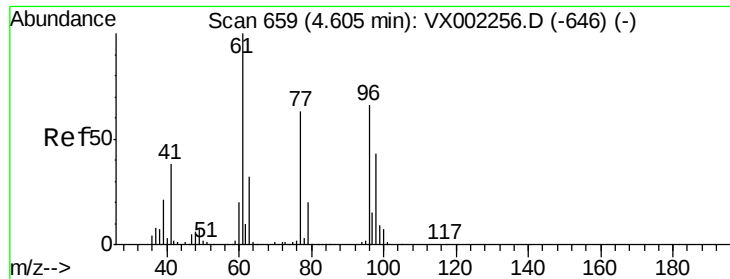
Tgt Ion: 77 Resp: 73905

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

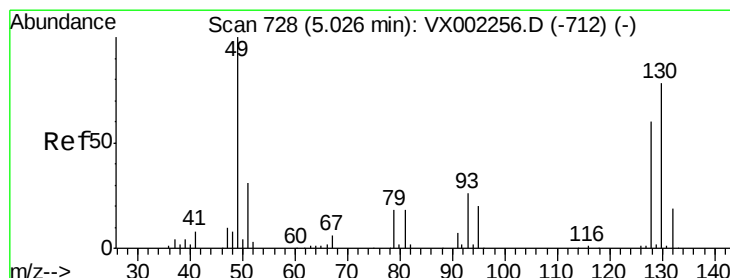
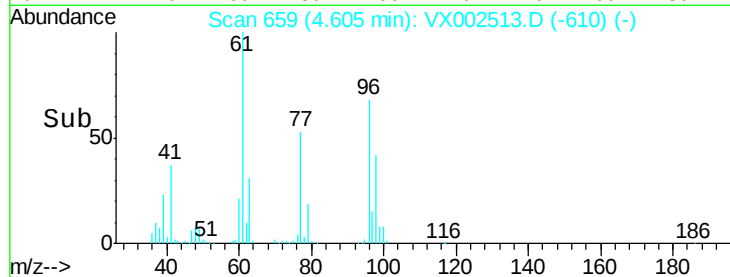
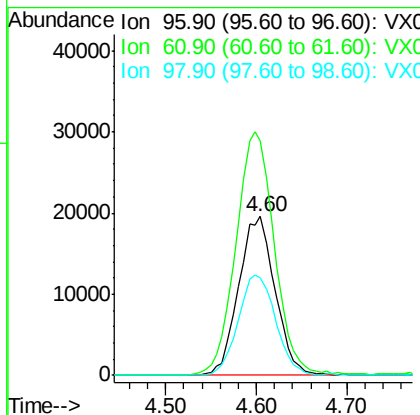
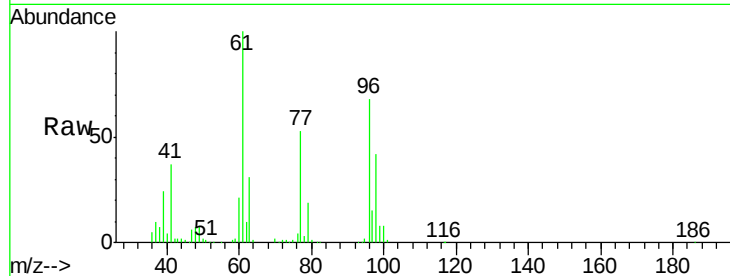
cis-1,2-Dichloroethene
 Concen: 19.694 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	54405		
61	163.0	0.0	330.2	
98	65.1	0.0	130.2	

Manual Integrations
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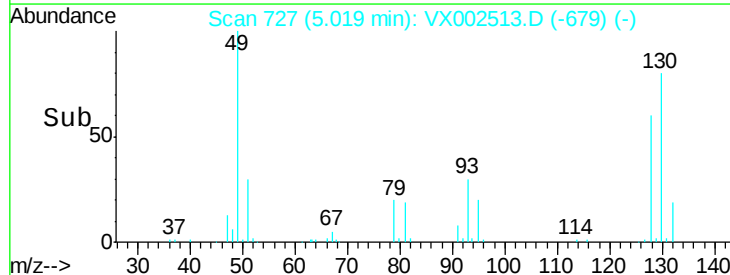
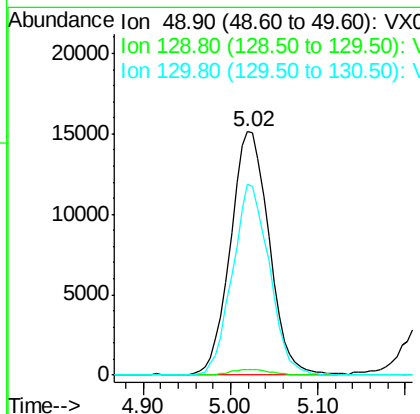
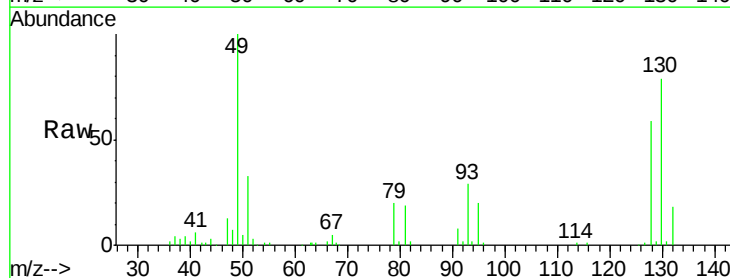
MMDadoda
 6/14/2018 11:29:24 AM

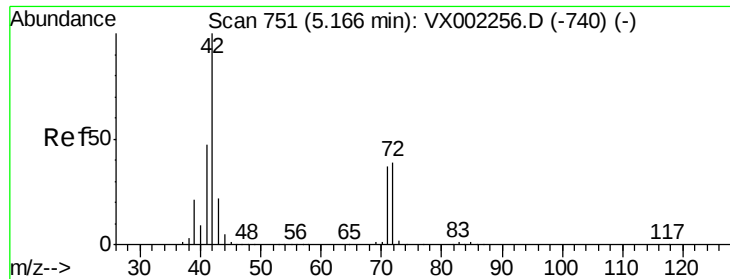


#28

Bromochloromethane
 Concen: 20.036 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46584		
129	2.3	0.0	4.2	
130	74.7	61.2	91.8	





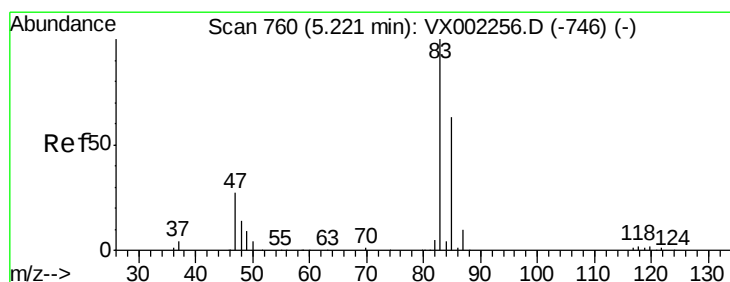
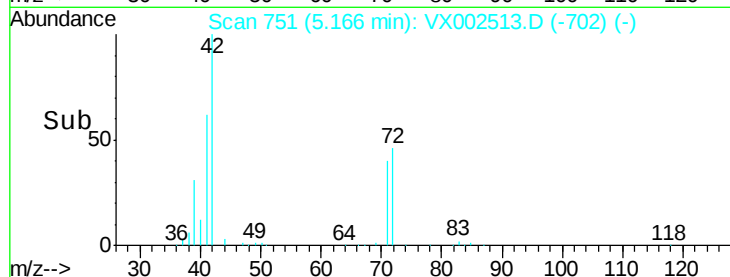
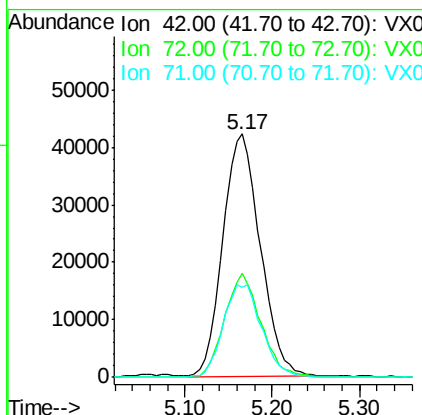
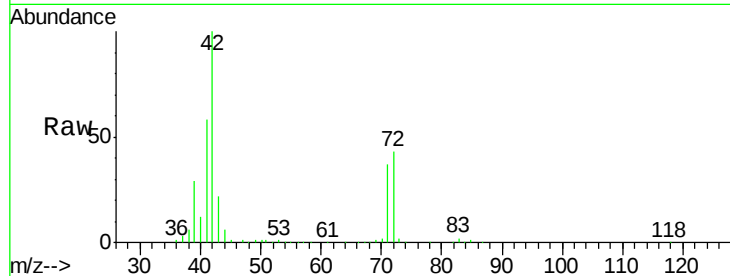
#29
Tetrahydrofuran
Concen: 91.715 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	39.4	30.1	45.1

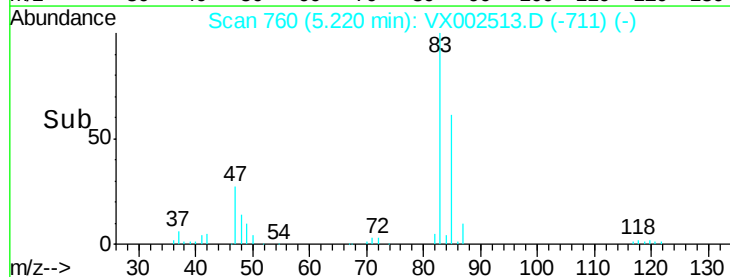
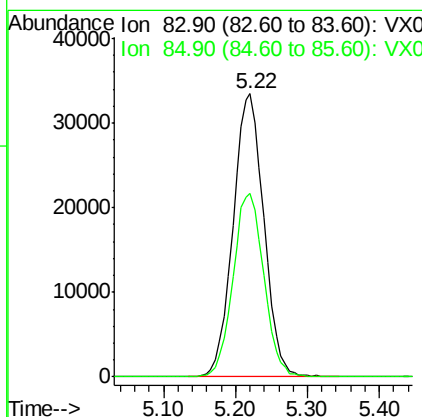
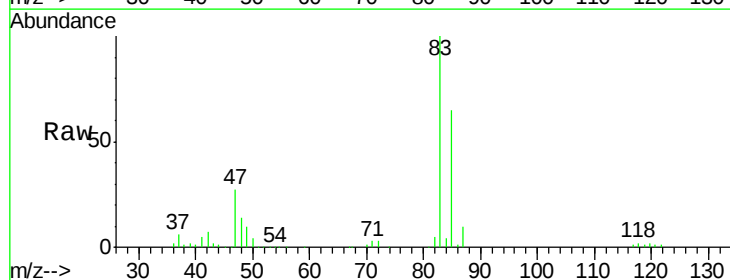
Manual Integrations
APPROVED

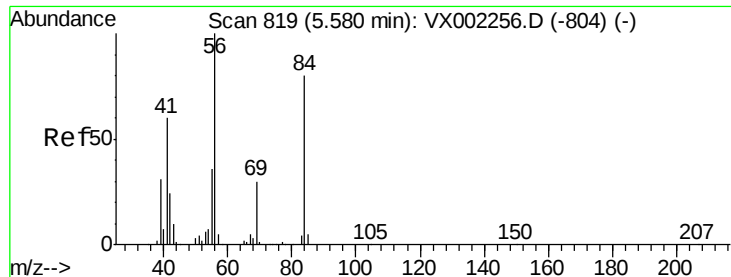
MMDadoda
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#30
Chloroform
Concen: 20.768 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.4	75.6





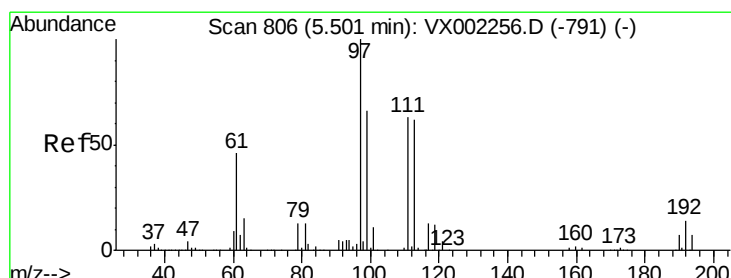
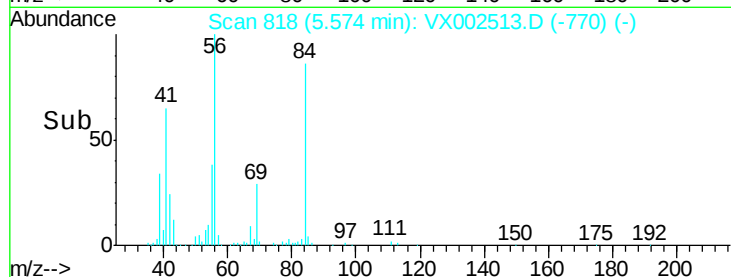
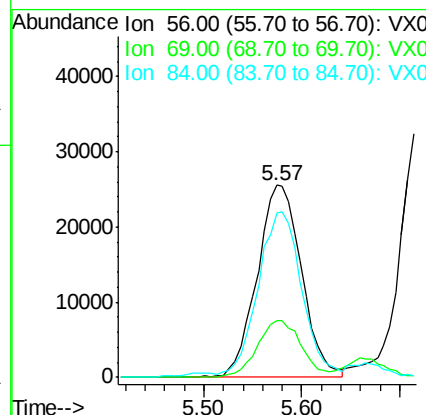
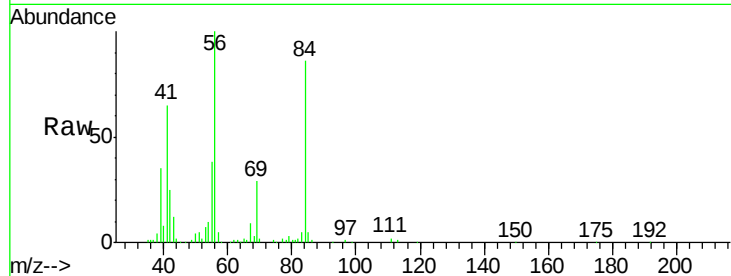
#31
Cyclohexane
Concen: 20.624 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.7	35.5
84	83.7	64.1	96.1

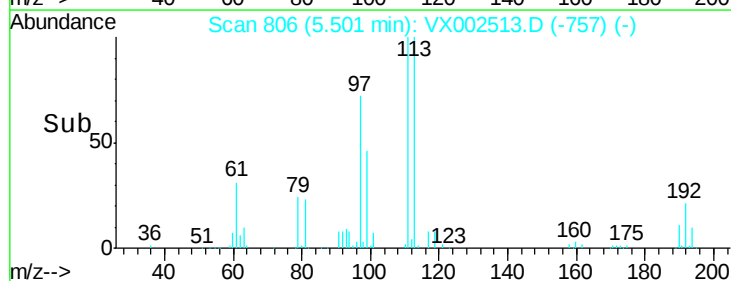
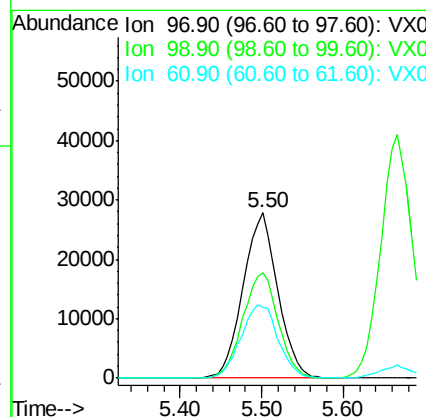
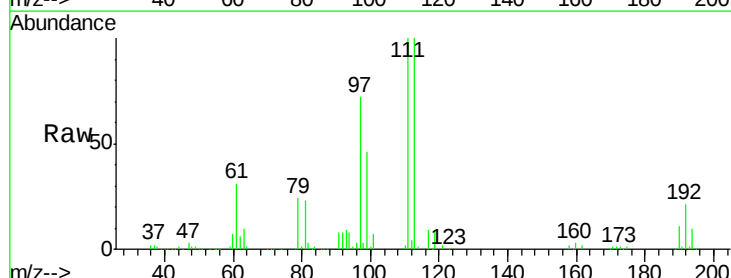
Manual Integrations
APPROVED

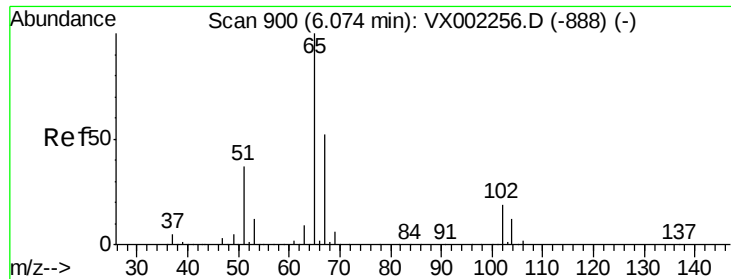
MMDadoda
6/14/2018 11:29:24 AM



#32
1,1,1-Trichloroethane
Concen: 20.252 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	47.6	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 46.282 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 65 Resp: 144003

Ion Ratio Lower Upper

65 100

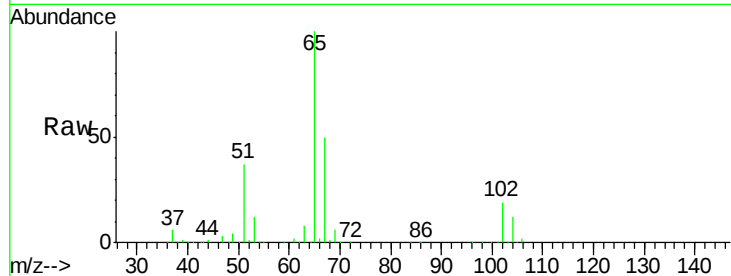
67 50.9 0.0 102.6

Manual Integrations

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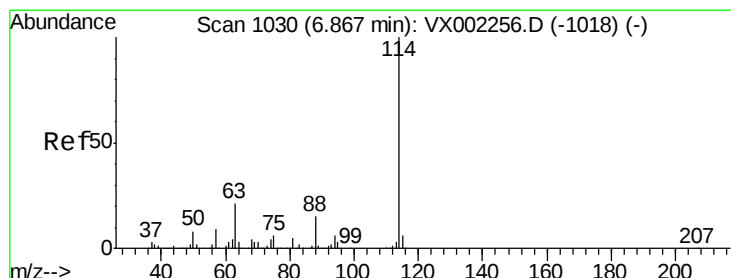
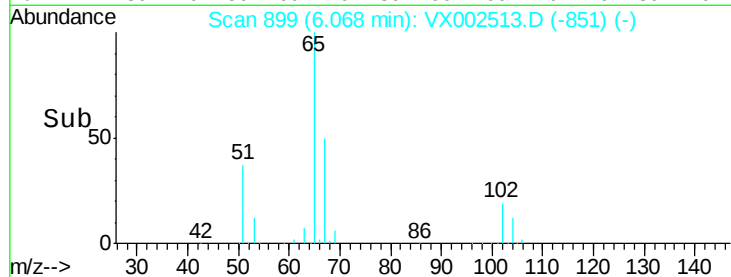
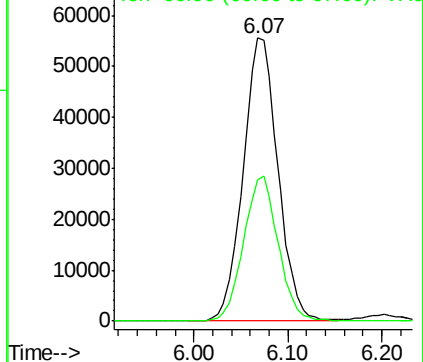
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

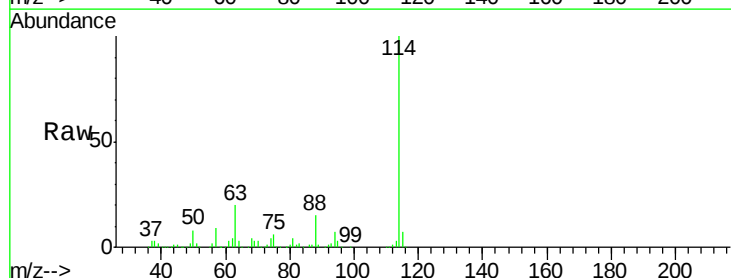
Tgt Ion: 114 Resp: 302026

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

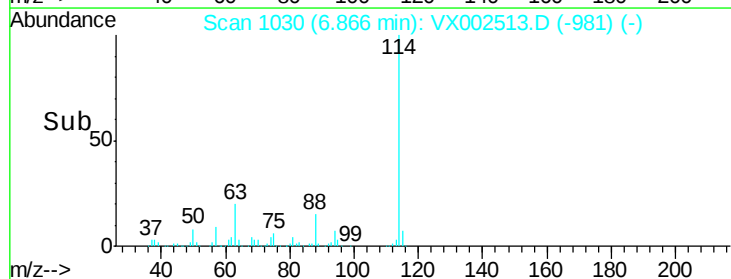
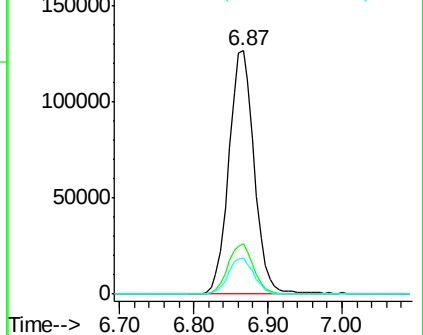
88 14.8 0.0 30.0

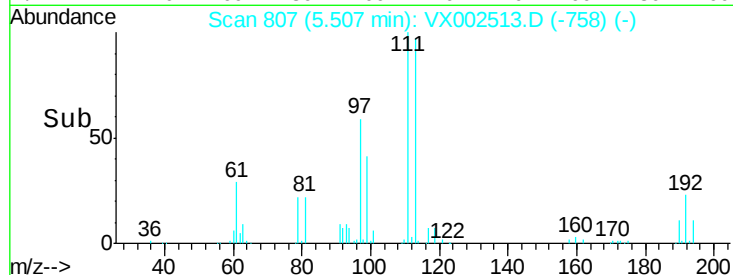
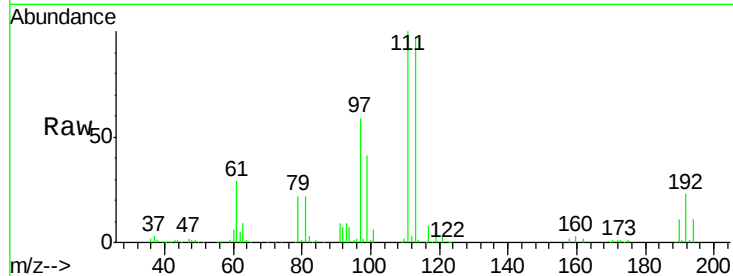
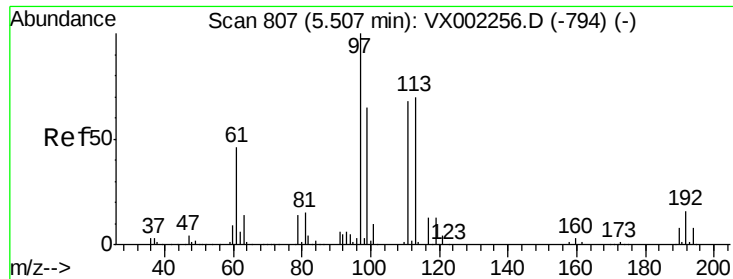


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





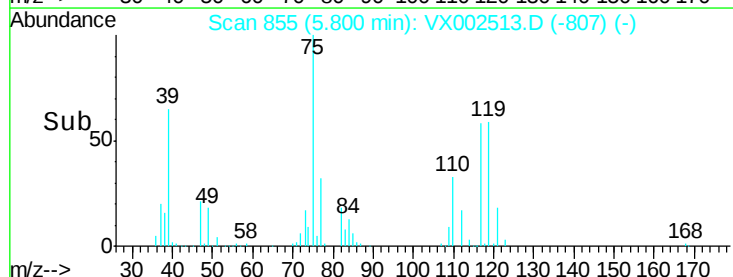
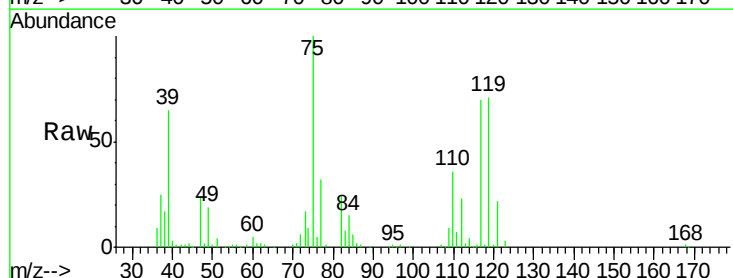
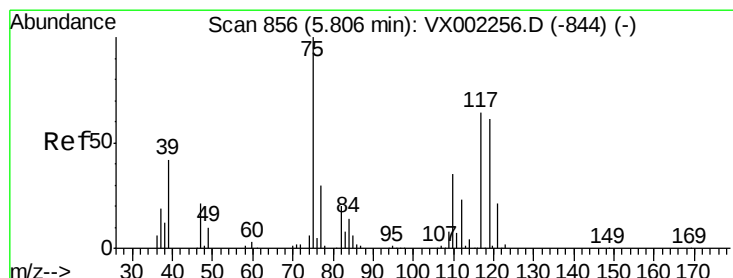
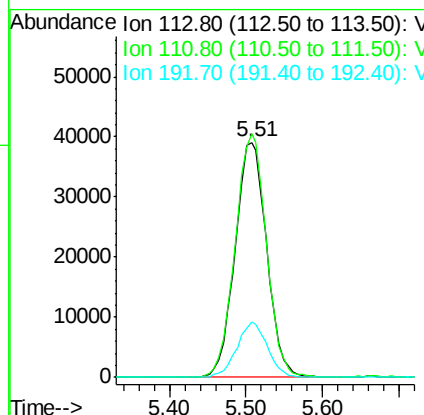
#35
Dibromofluoromethane
Concen: 47.004 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	81.4	122.0	
192	22.8	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

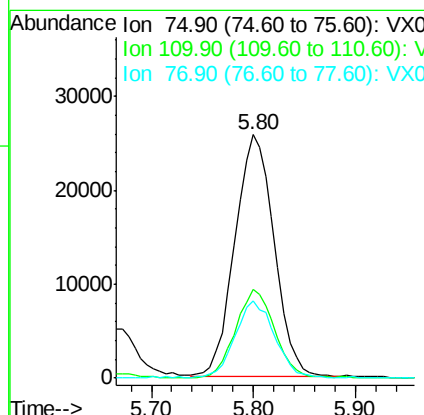
Manual Integrations
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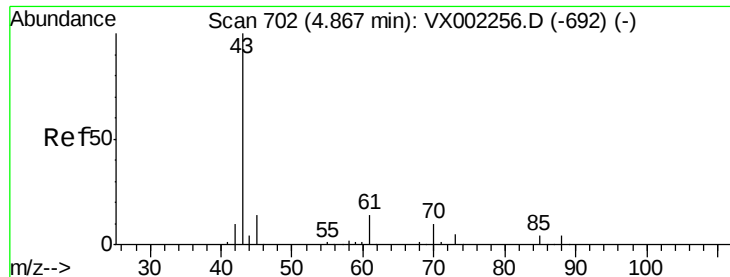
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#36
1,1-Dichloropropene
Concen: 21.611 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.7	18.1	54.4	
77	32.2	24.3	36.5	





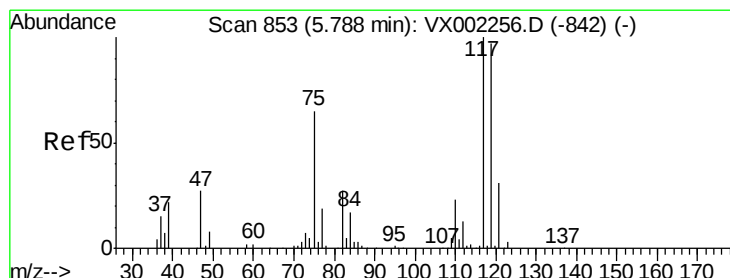
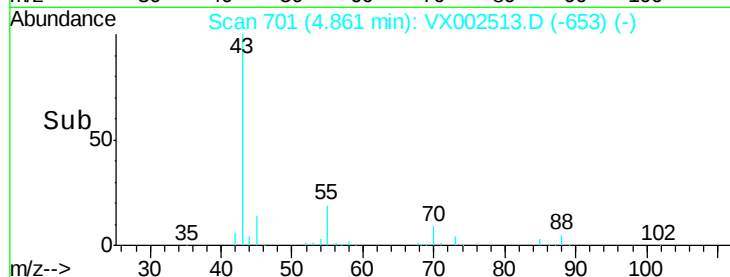
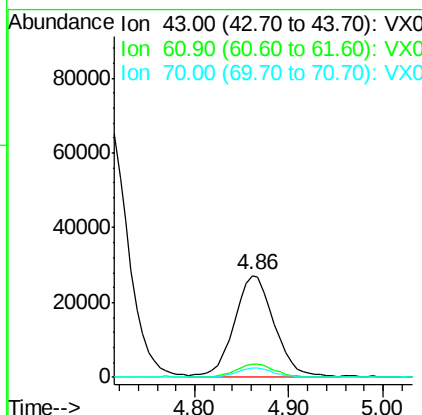
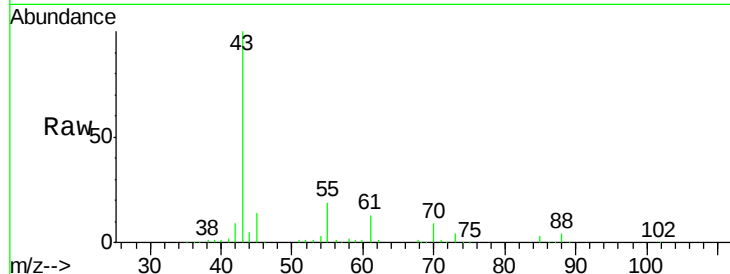
#37
Ethyl Acetate
Concen: 20.762 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.1	7.6	11.4

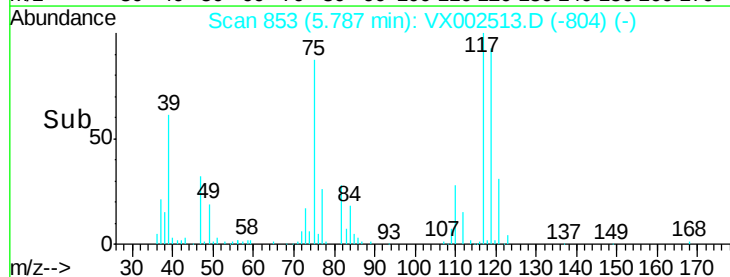
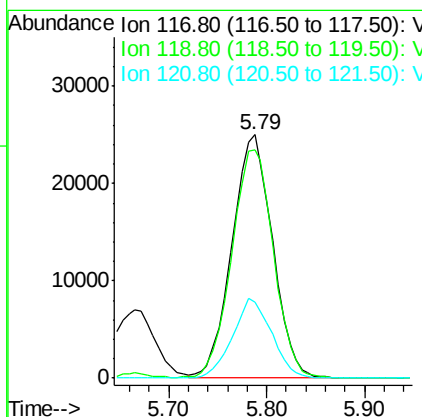
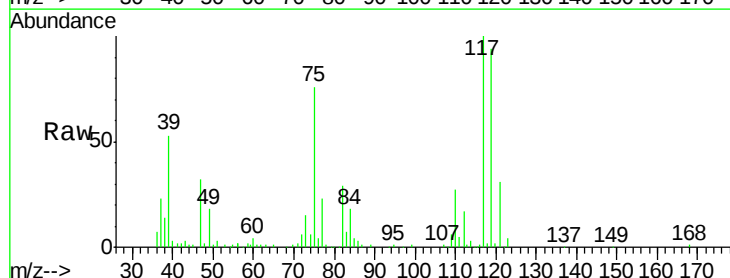
Manual Integrations
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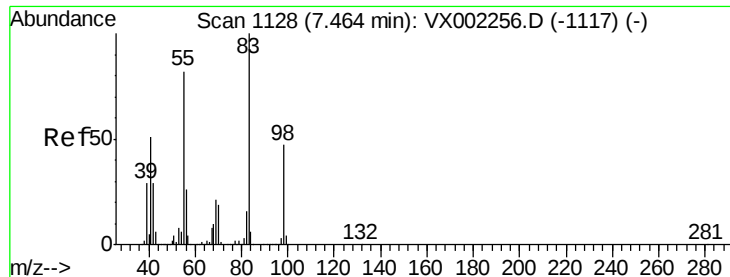
MMDadoda
6/14/2018 11:29:24 AM



#38
Carbon Tetrachloride
Concen: 21.705 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.4	116.0
121	31.3	24.4	36.6





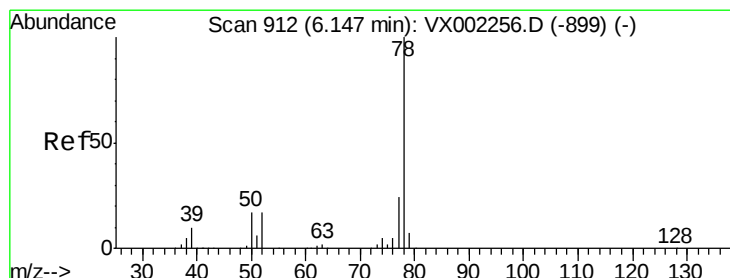
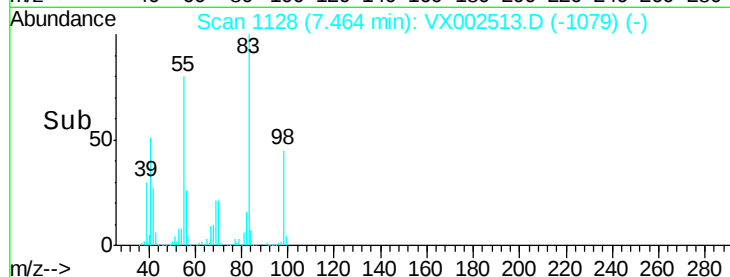
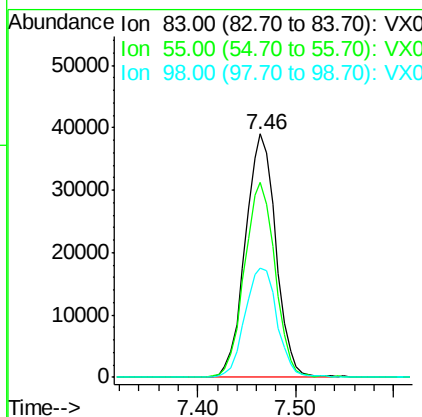
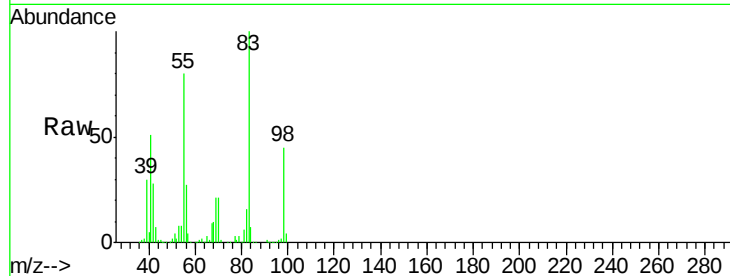
#39
Methvlcvclohexane
Concen: 21.718 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	65.4	98.0
98	44.7	37.4	56.0

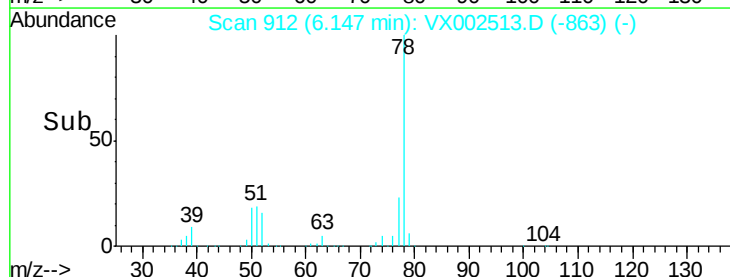
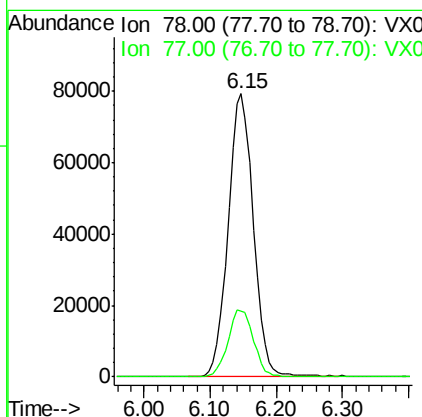
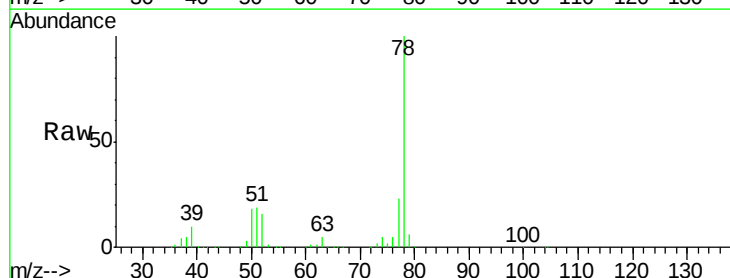
Manual Integrations
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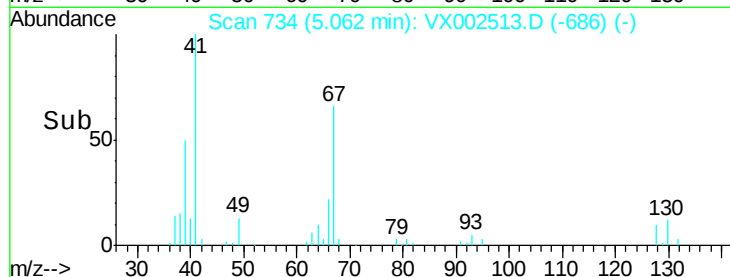
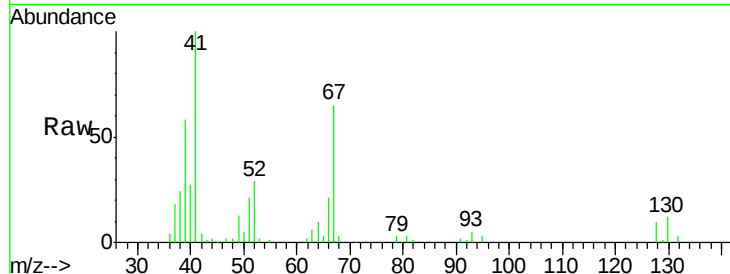
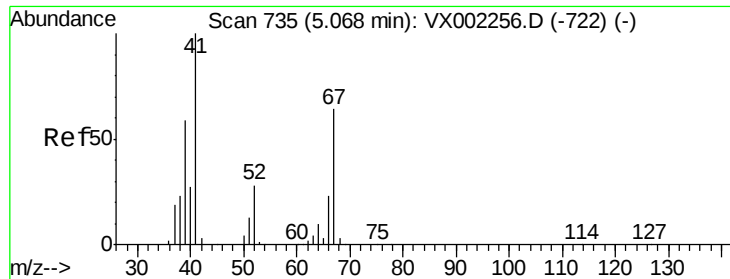
MMDadoda
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#40
Benzene
Concen: 21.507 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





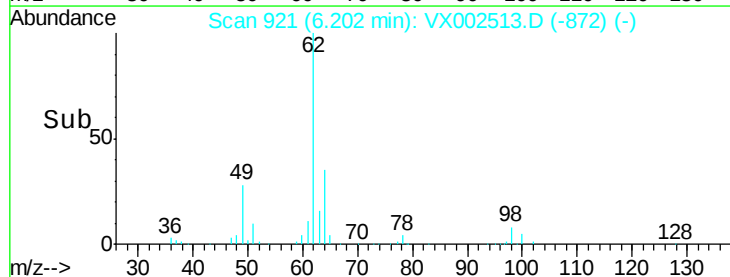
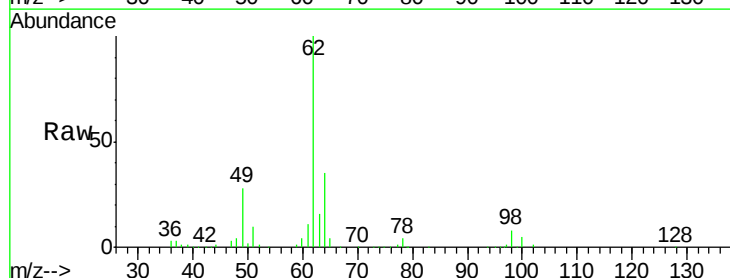
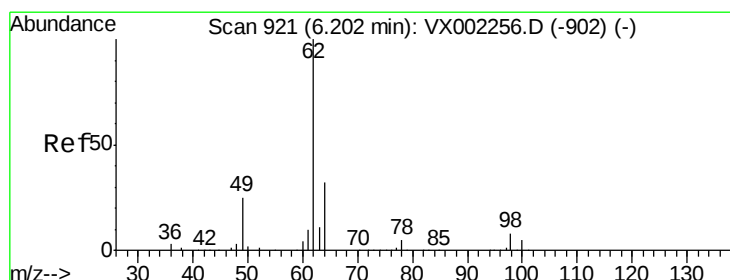
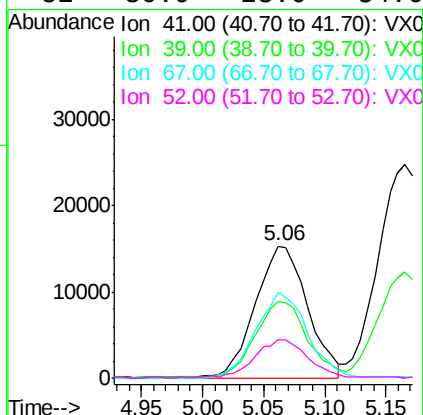
#41
Methacrylonitrile
Concen: 20.577 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tot Ion	41	Resp	44980
Ion Ratio	Lower	Upper	
41	100		
39	58.3	45.8	68.6
67	66.1	51.3	76.9
52	30.9	23.0	34.6

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

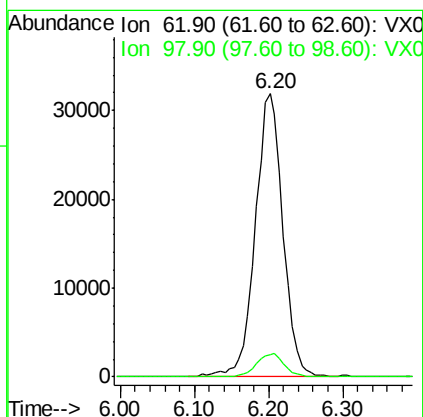
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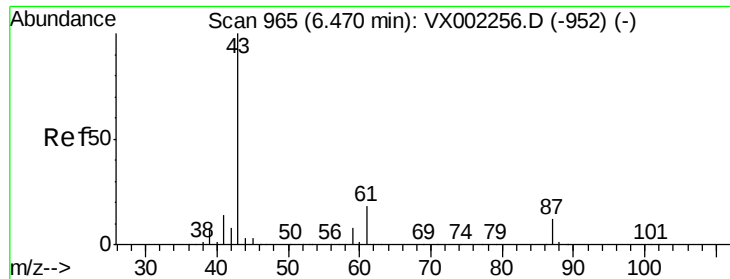
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.436 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	62	Resp	82916
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	16.6





#43

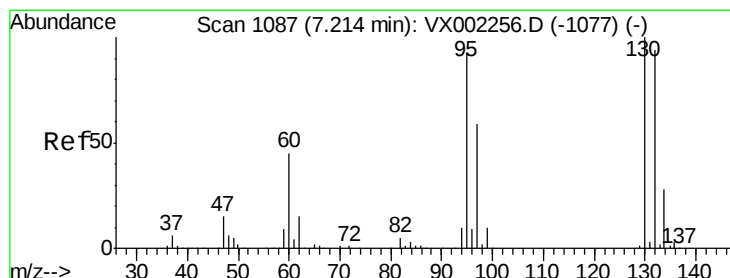
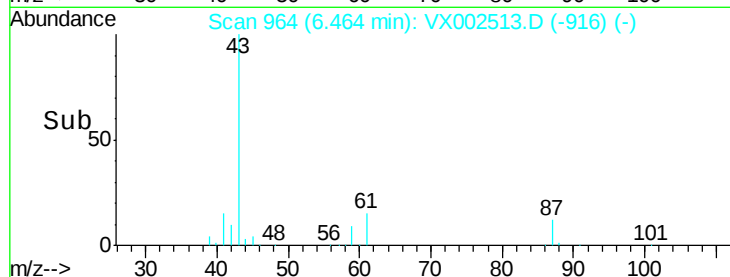
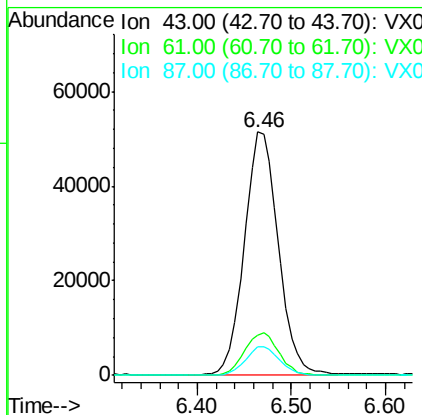
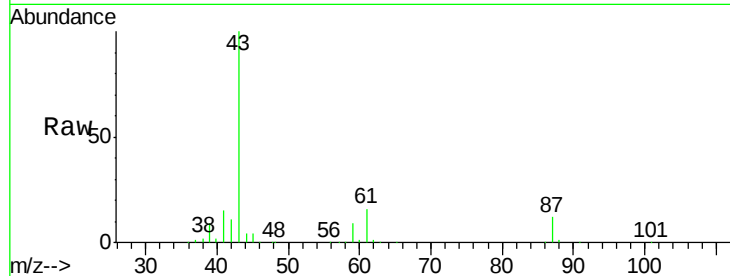
Isopropyl Acetate
 Concen: 20.021 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	43	Resp	129850
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	12.0	9.5	14.3

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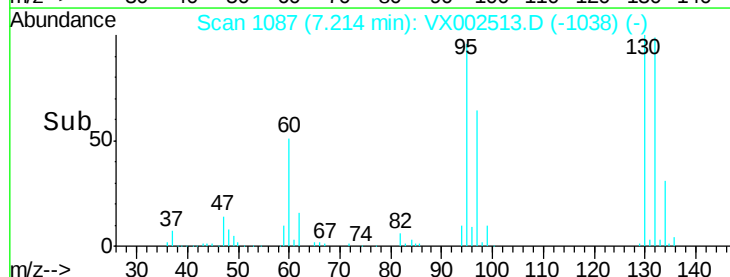
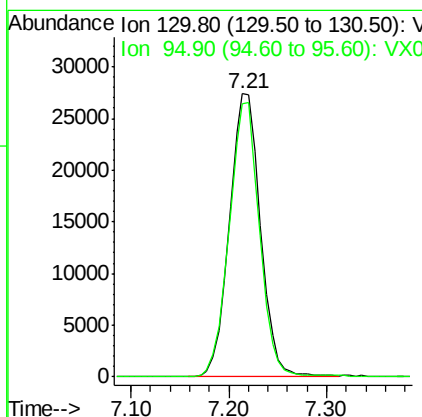
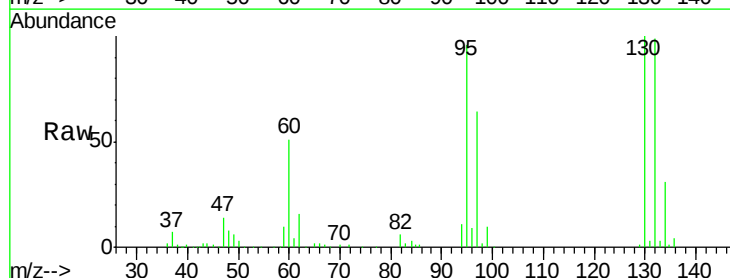
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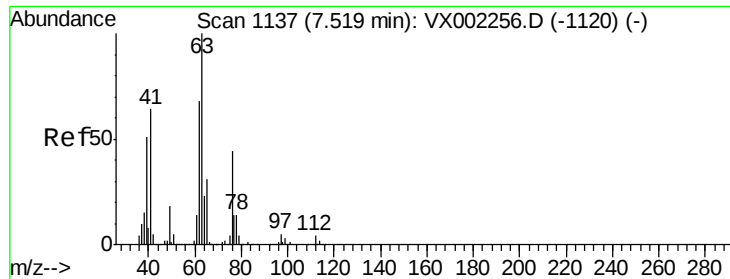


#44

Trichloroethene
 Concen: 22.236 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	130	Resp	60080
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	185.4





#45

1,2-Dichloropropane

Concen: 21.755 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 63 Resp: 57178

Ion Ratio Lower Upper

63 100

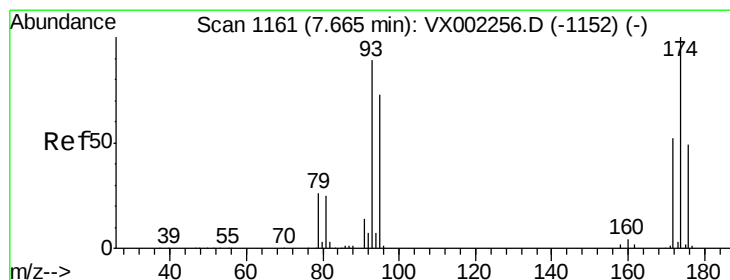
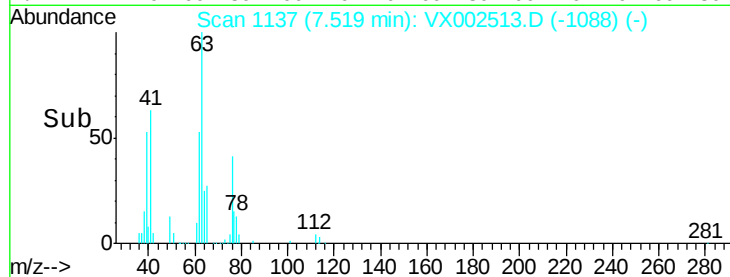
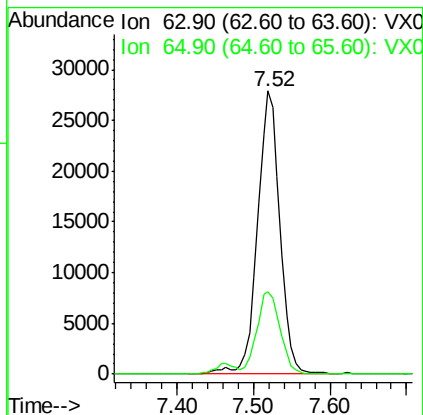
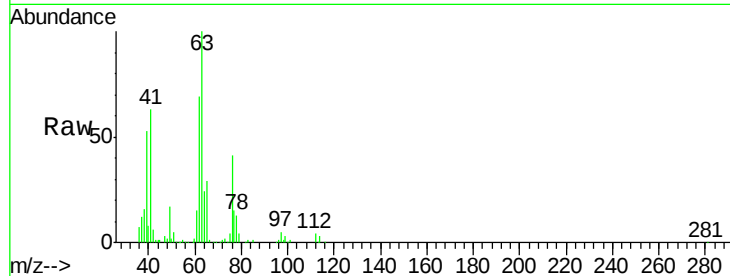
65 29.1 24.7 37.1

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#46

Dibromomethane

Concen: 20.896 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

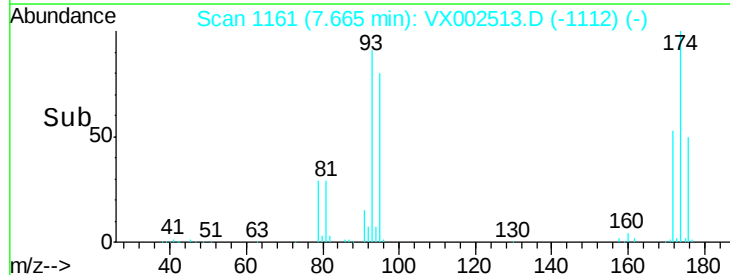
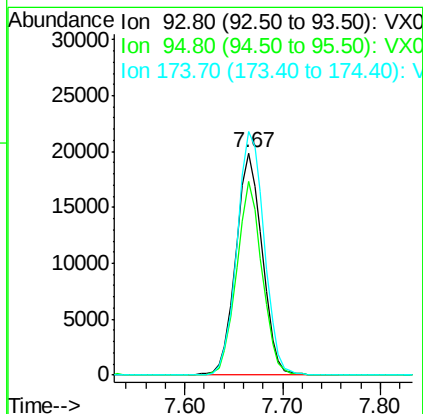
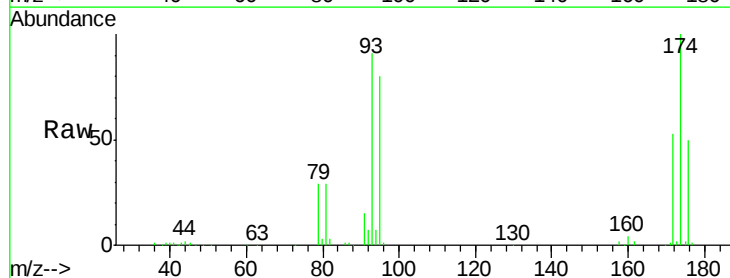
Tgt Ion: 93 Resp: 37230

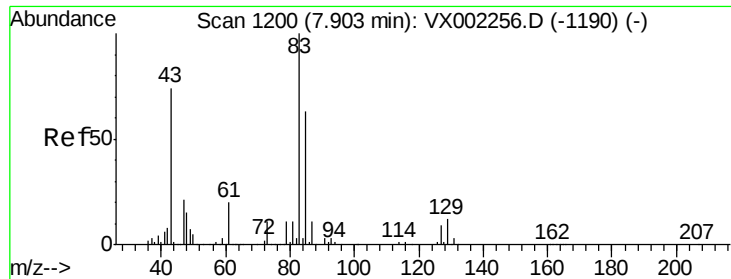
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

174 112.7 92.4 138.6





#47

Bromodichloromethane

Concen: 21.118 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

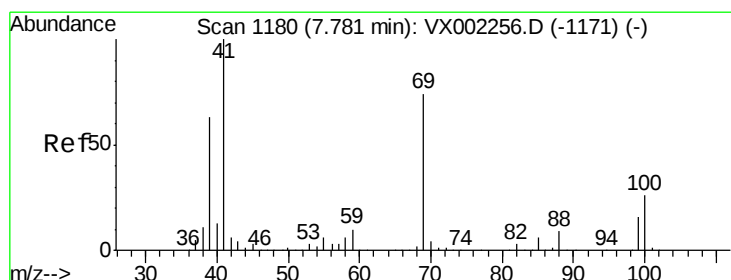
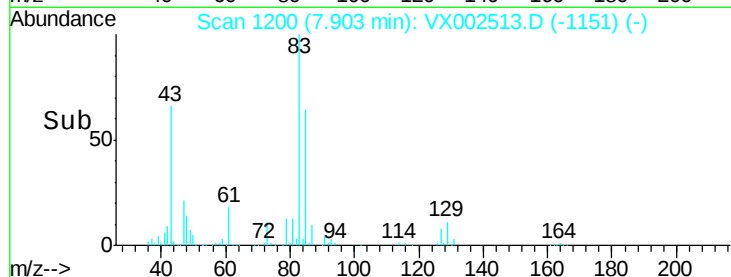
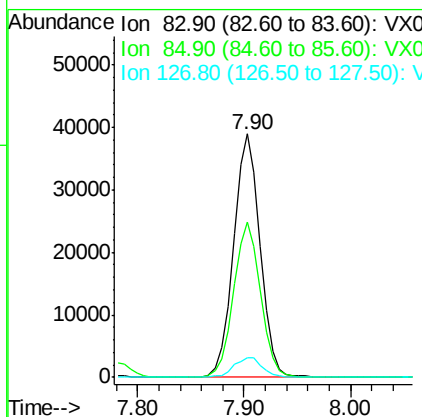
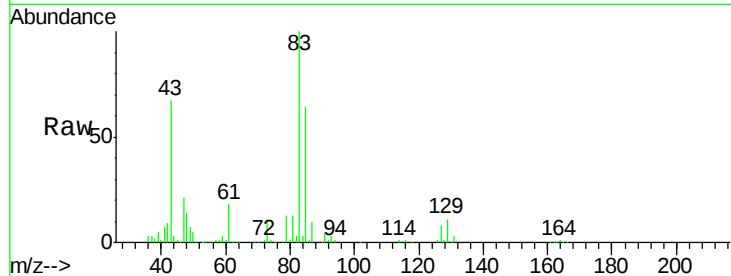
ClientSampleId :

VX0613WBS01

Tot Ion:	83	Resp:	68052
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	8.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.482 ug/l

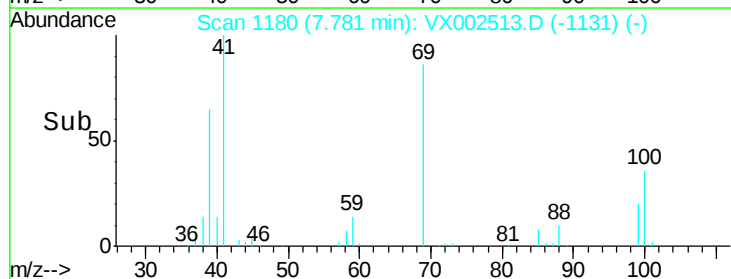
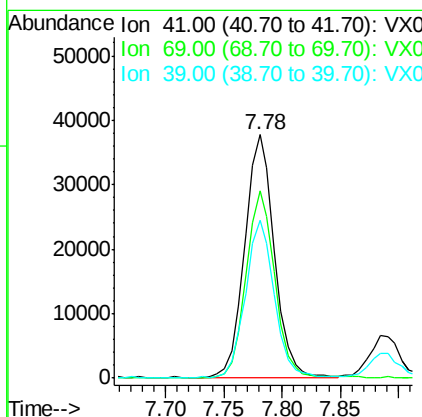
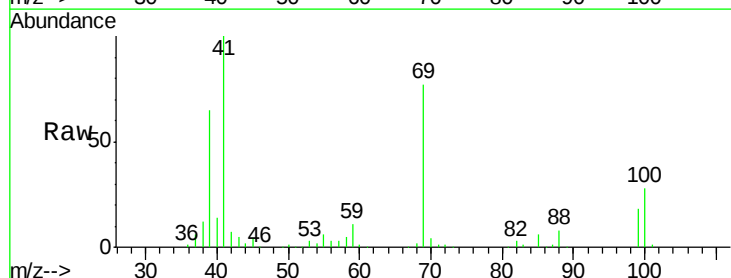
RT: 7.78 min Scan# 1180

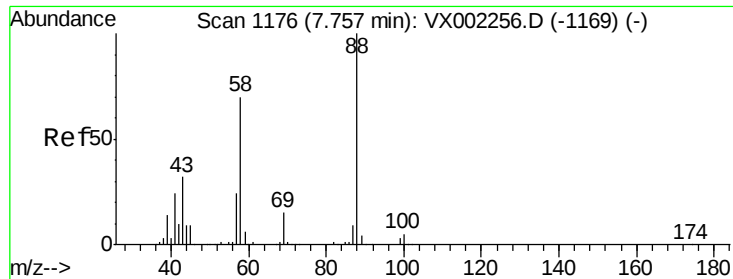
Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion:	41	Resp:	66728
Ion	Ratio	Lower	Upper
41	100		
69	75.5	59.1	88.7
39	63.4	48.9	73.3





#49

1,4-Dioxane

Concen: 415.849 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

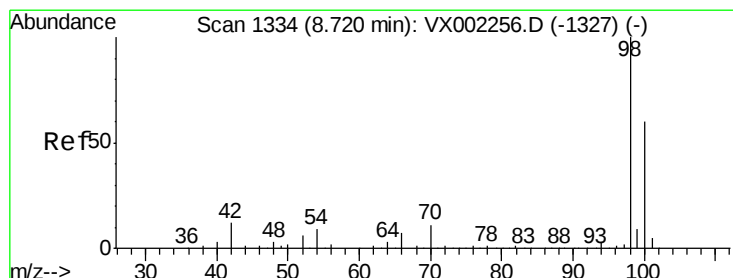
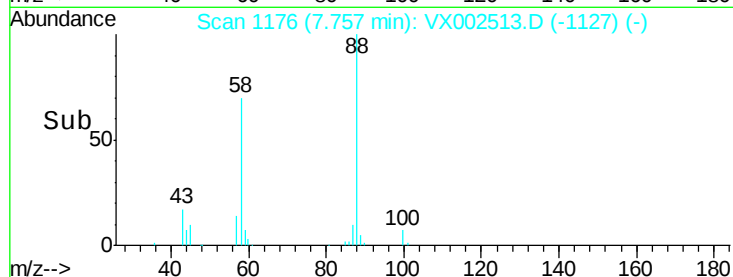
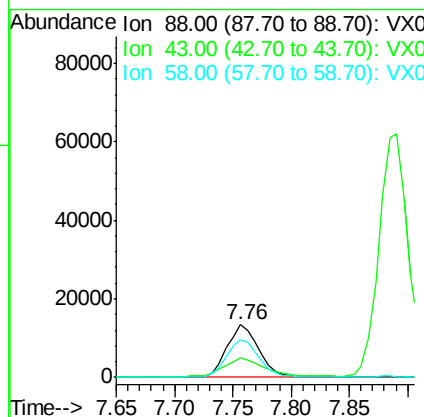
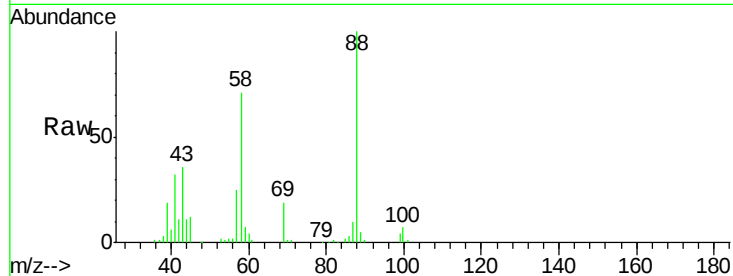
ClientSampleId :

VX0613WBS01

Tot Ion:	88	Resp:	25331
Ion	Ratio	Lower	Upper
88	100		
43	45.0	29.8	44.6#
58	73.6	57.1	85.7

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#50

Toluene-d8

Concen: 47.016 ug/l

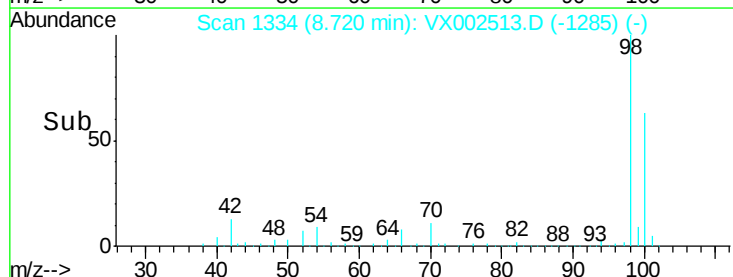
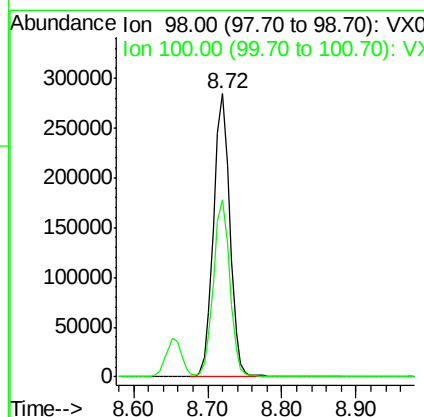
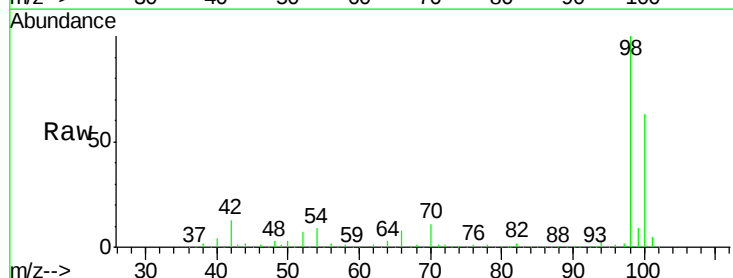
RT: 8.72 min Scan# 1334

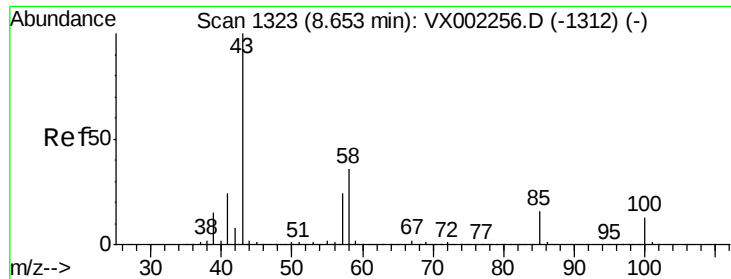
Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion:	98	Resp:	428024
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 106.859 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 43 Resp: 431597

Ion Ratio Lower Upper

43 100

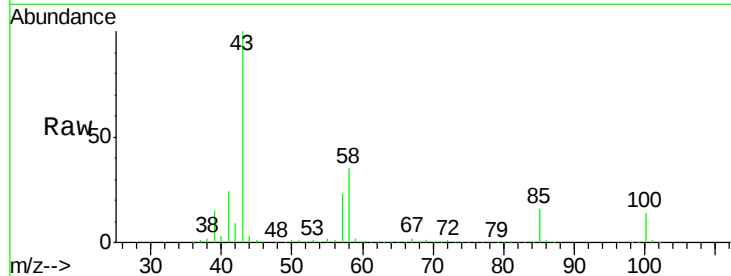
58 35.3 28.6 42.8

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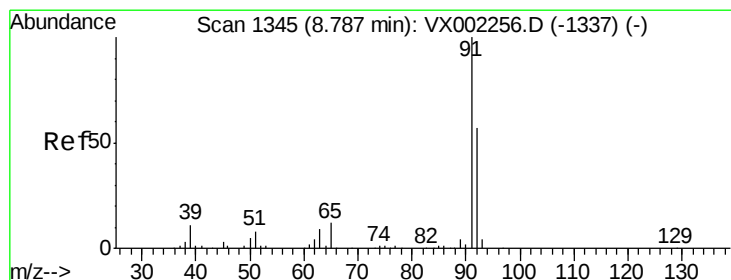
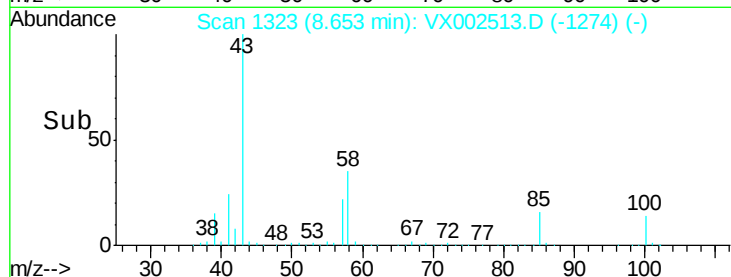
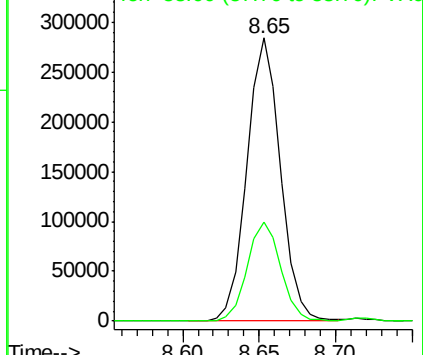
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.076 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002513.D

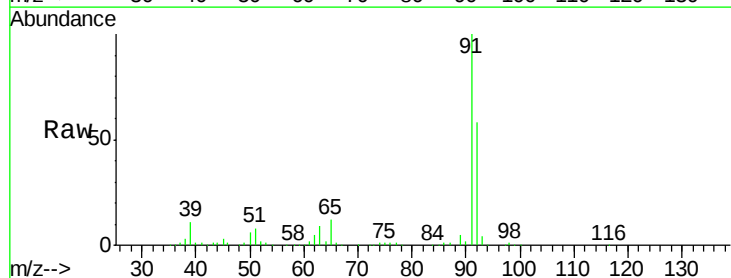
Acq: 13 Jun 2018 17:12

Tgt Ion: 92 Resp: 136694

Ion Ratio Lower Upper

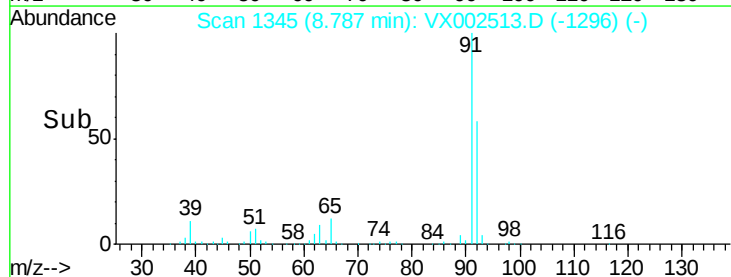
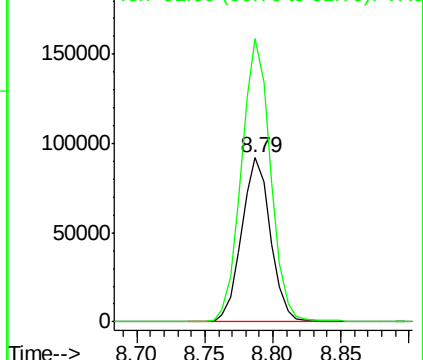
92 100

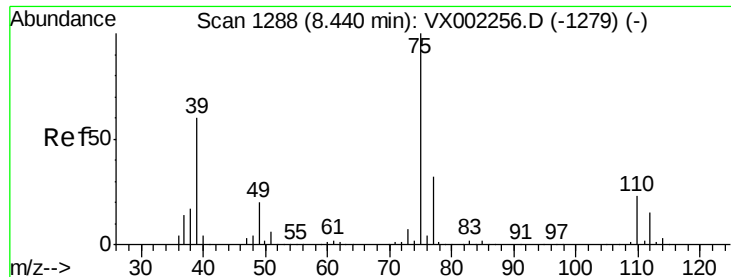
91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





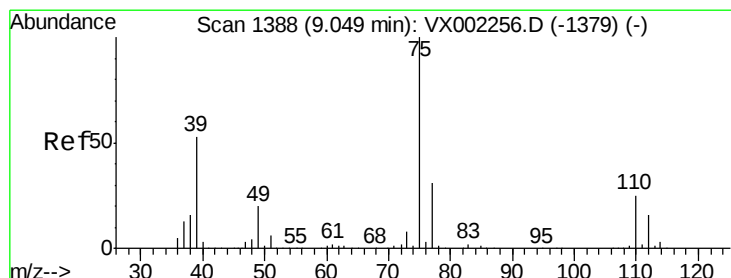
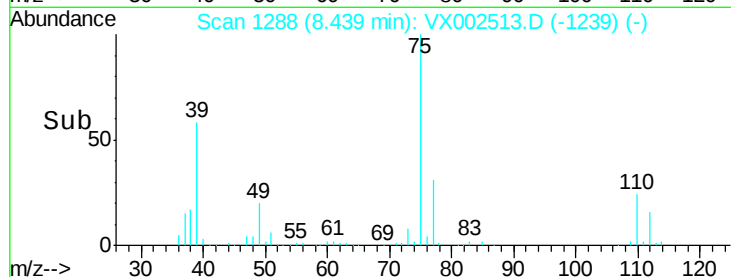
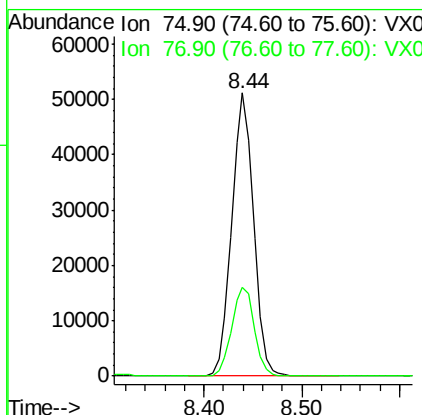
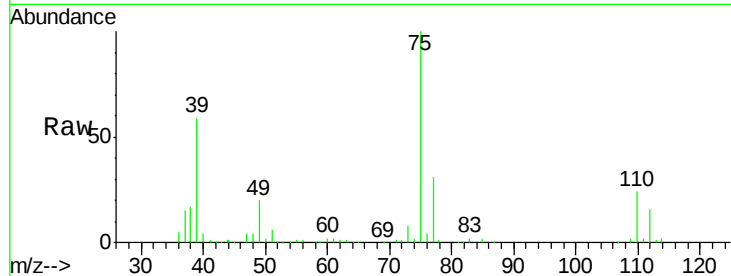
#53
 t-1,3-Dichloropropene
 Concen: 20.535 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion: 75 Resp: 79352
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

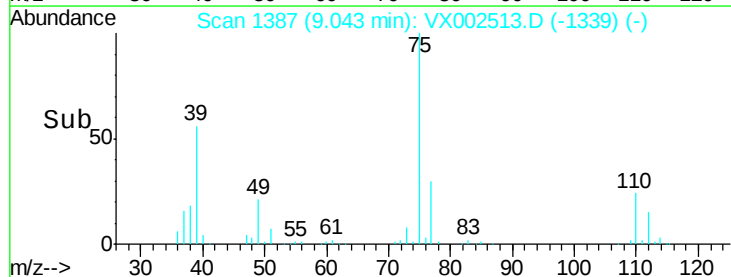
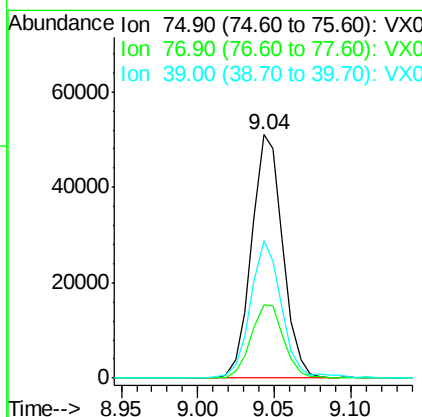
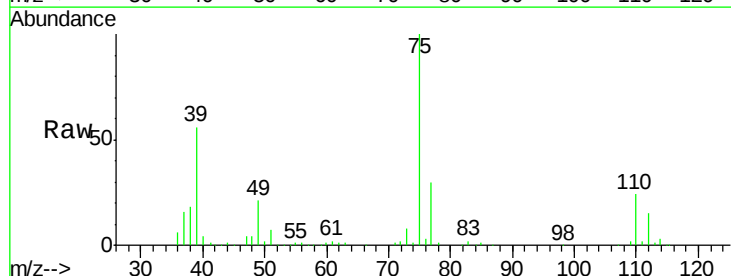
Manual Integrations
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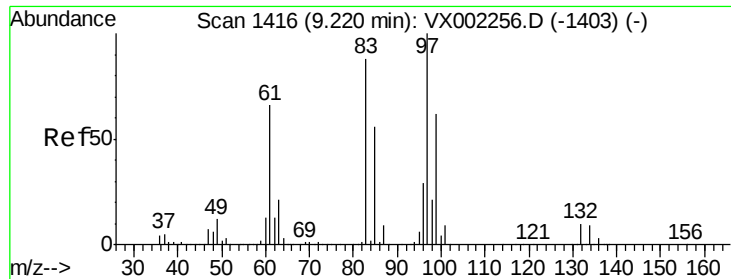
MMDadoda
 6/14/2018 11:29:24 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.812 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion: 75 Resp: 72230
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.8 37.2
 39 56.0 42.4 63.6





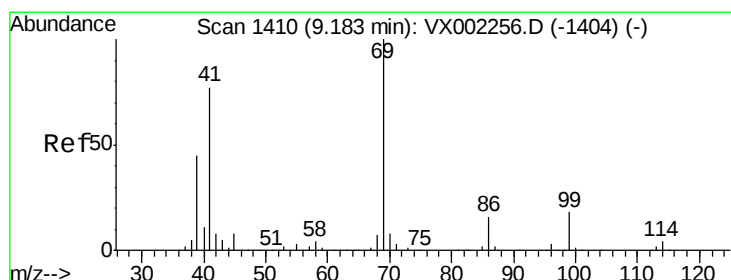
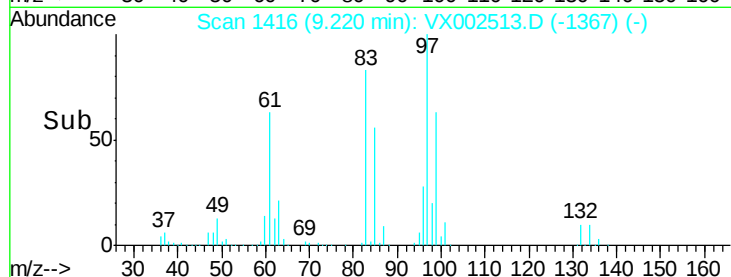
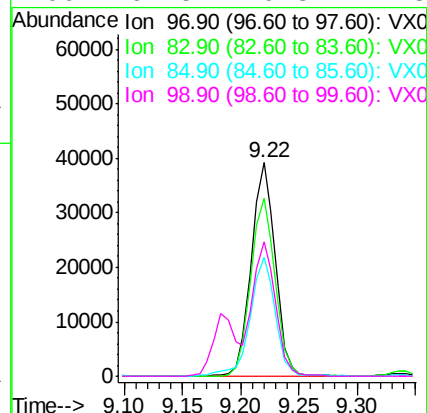
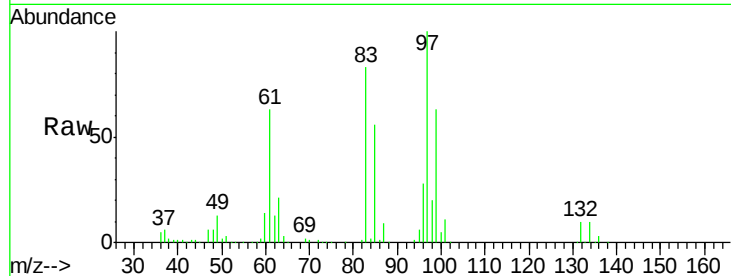
#55
 1,1,2-Trichloroethane
 Concen: 22.236 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		56628		
83	83.1	70.2	105.2		
85	56.0	44.9	67.3		
99	62.5	49.8	74.8		

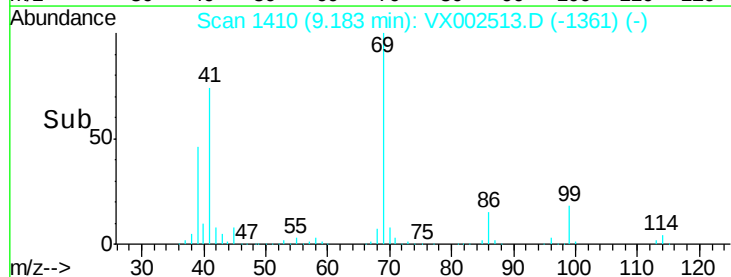
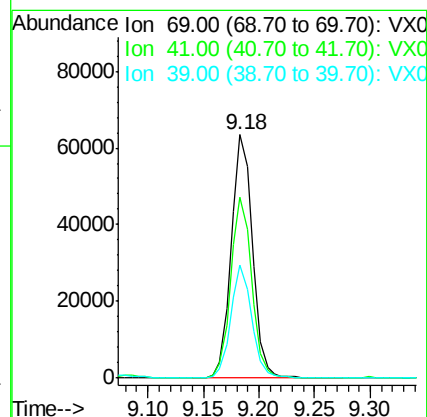
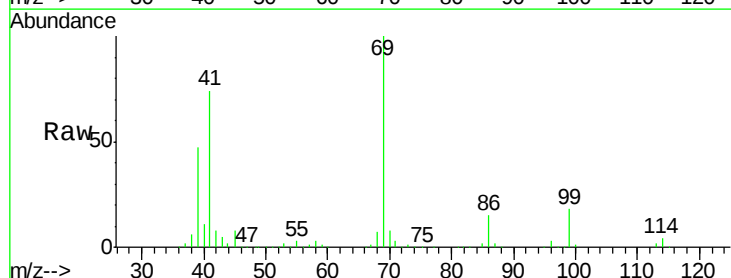
Manual Integrations
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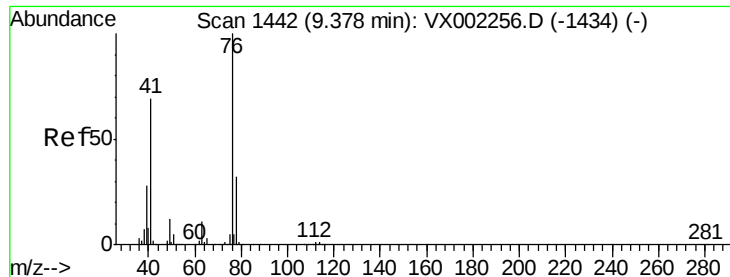
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#56
 Ethyl methacrylate
 Concen: 20.738 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		84319		
41	72.8	60.3	90.5		
39	45.2	35.8	53.8		





#57

1,3-Dichloropropane

Concen: 21.777 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 76 Resp: 93042

Ion Ratio Lower Upper

76 100

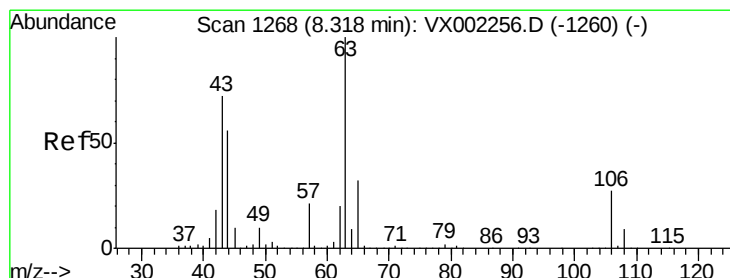
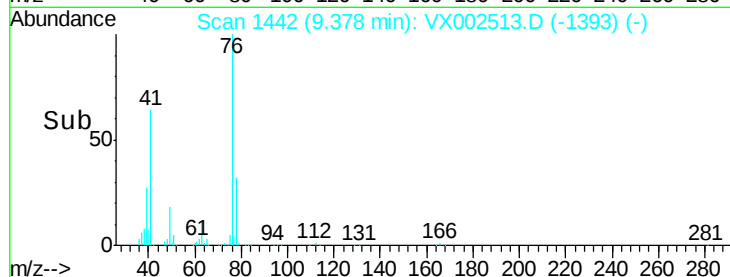
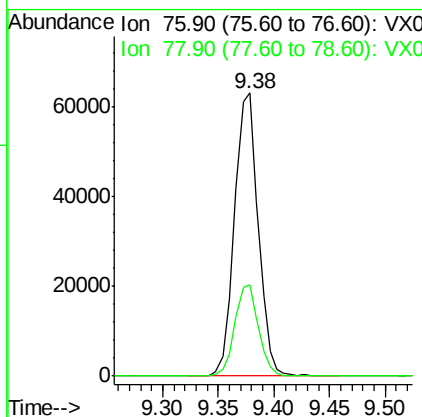
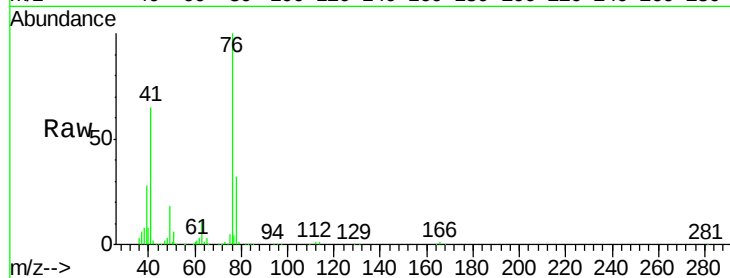
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 82.743 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002513.D

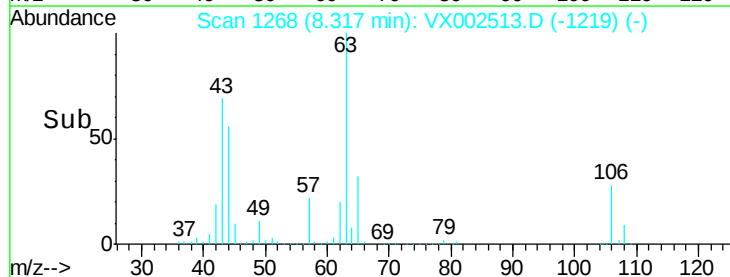
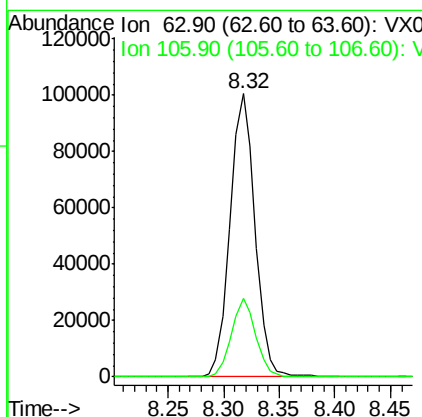
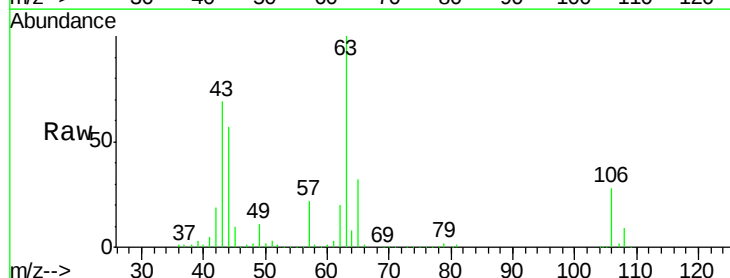
Acq: 13 Jun 2018 17:12

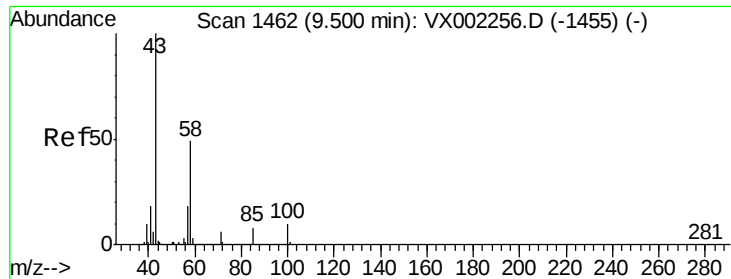
Tgt Ion: 63 Resp: 155709

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.8





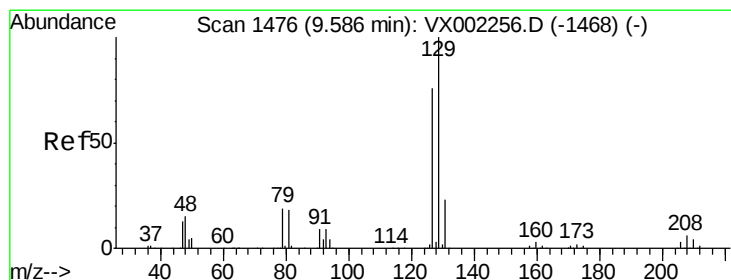
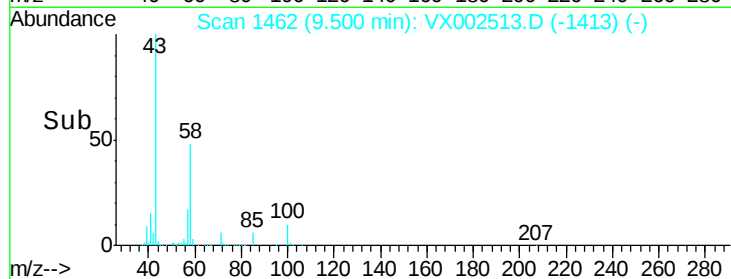
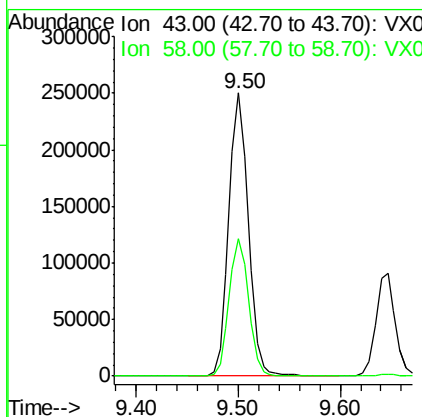
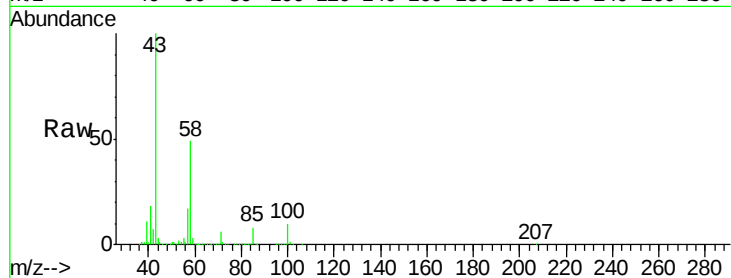
#59
2-Hexanone
Concen: 106.046 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.6	24.6	73.6

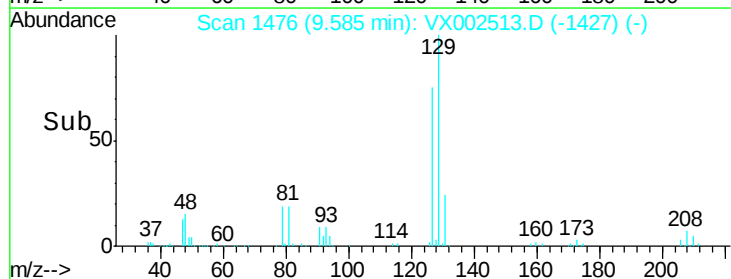
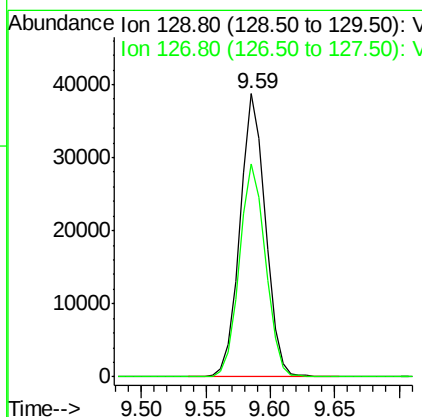
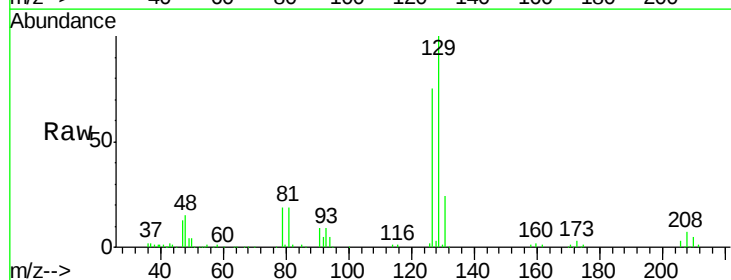
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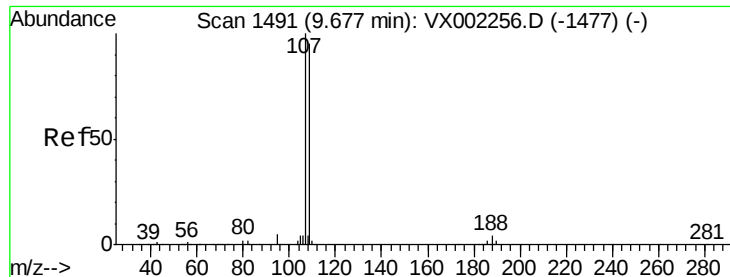
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#60
Dibromochloromethane
Concen: 20.700 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.5	115.3





#61

1,2-Dibromoethane

Concen: 21.753 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion:107 Resp: 57762

Ion Ratio Lower Upper

107 100

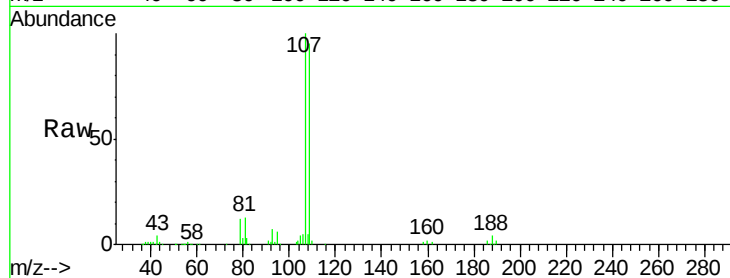
109 93.8 75.3 112.9

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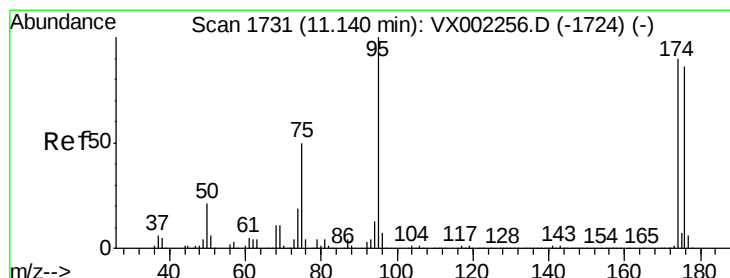
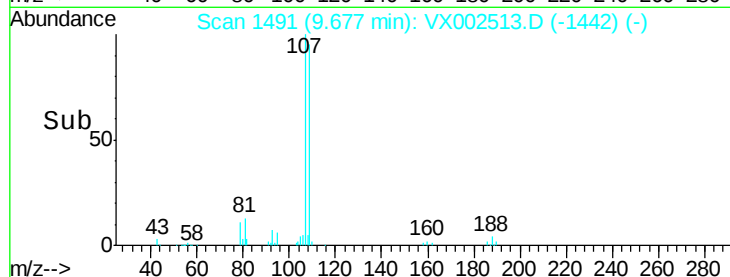
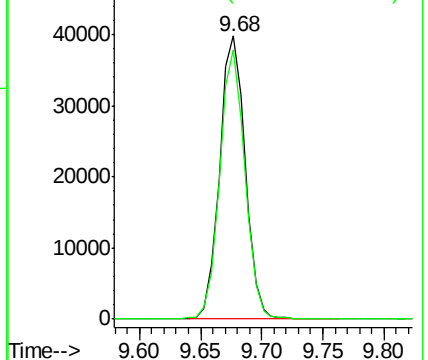
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.016 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

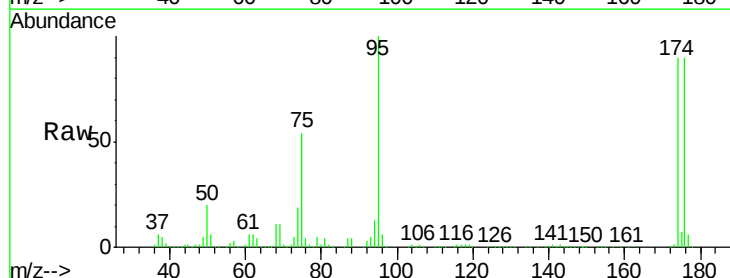
Tgt Ion: 95 Resp: 161541

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

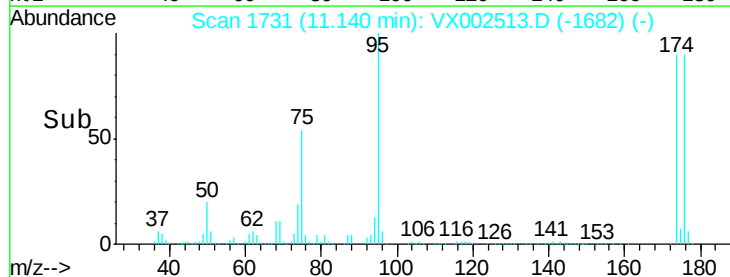
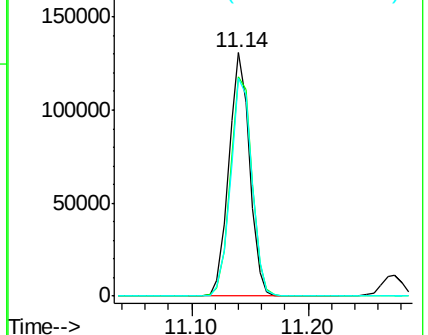
176 92.5 0.0 181.0

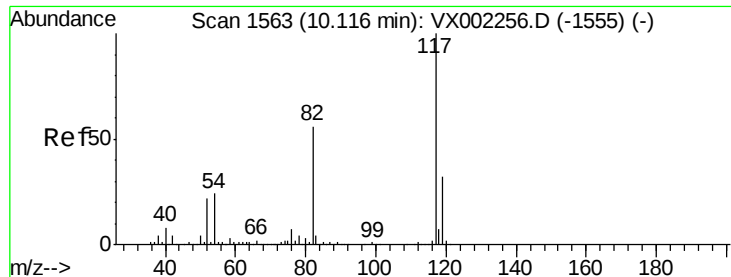


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





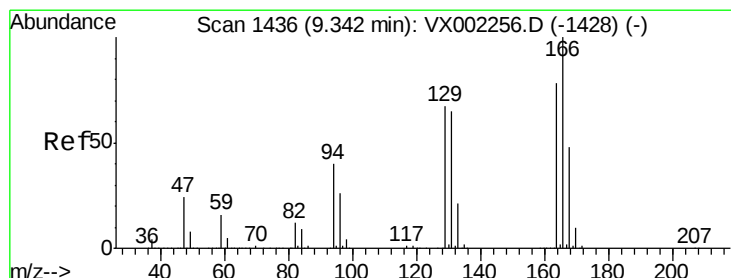
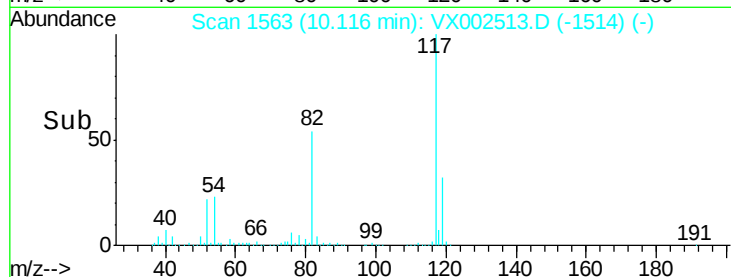
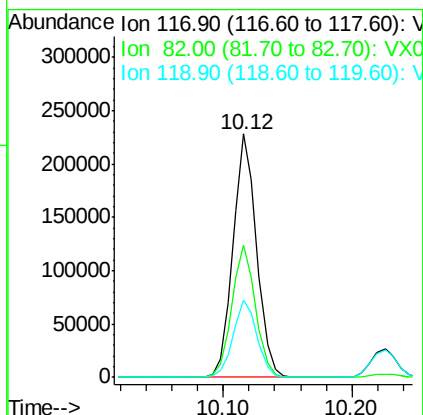
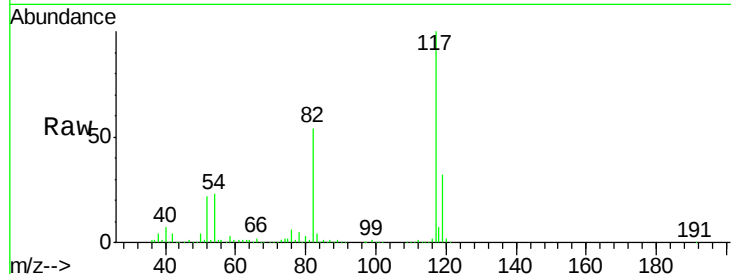
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.0	67.4
119	31.8	25.8	38.6

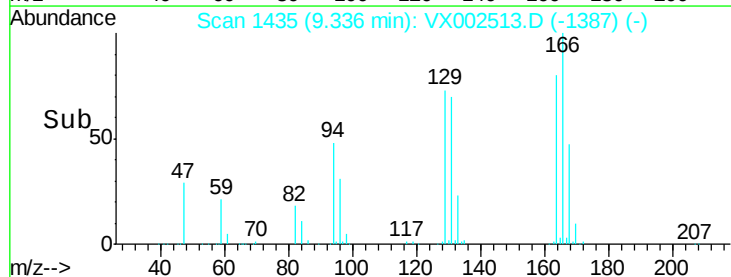
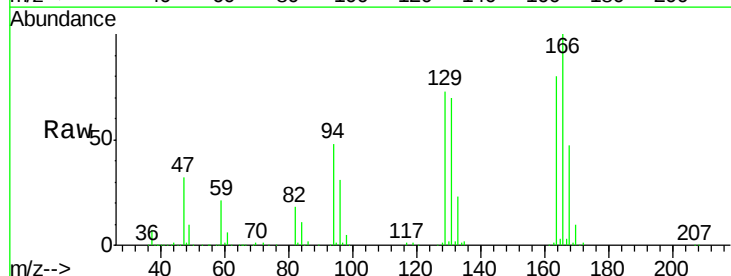
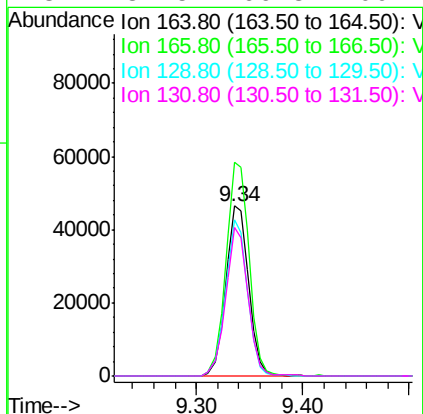
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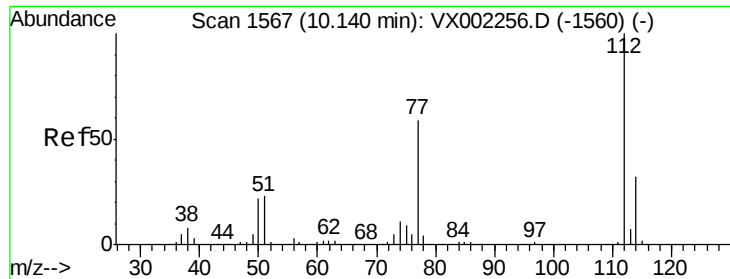
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#64
Tetrachloroethene
Concen: 23.019 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.9	154.3
129	91.9	68.6	102.8
131	87.5	66.8	100.2





#65

Chlorobenzene

Concen: 21.799 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion:112 Resp: 158574

Ion Ratio Lower Upper

112 100

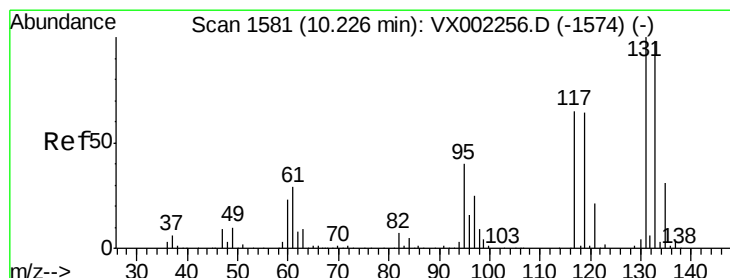
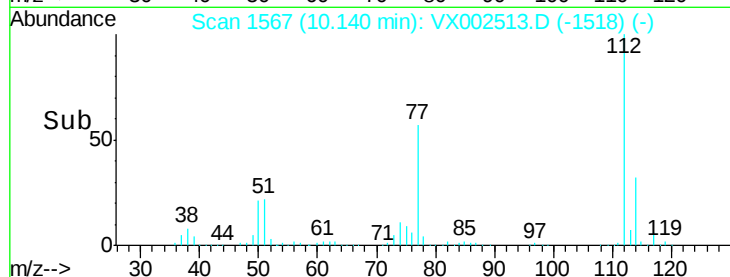
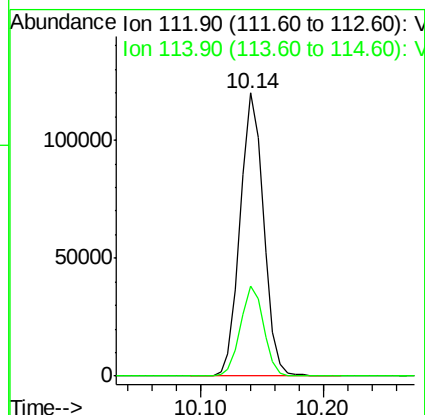
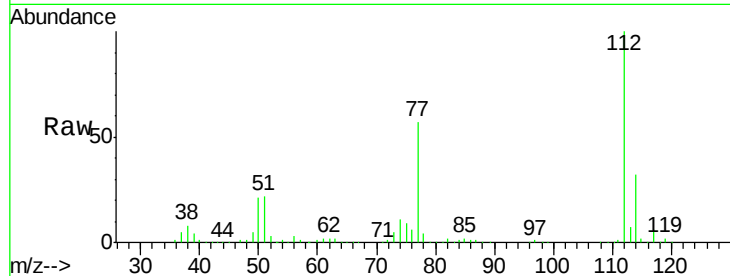
114 31.6 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.029 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

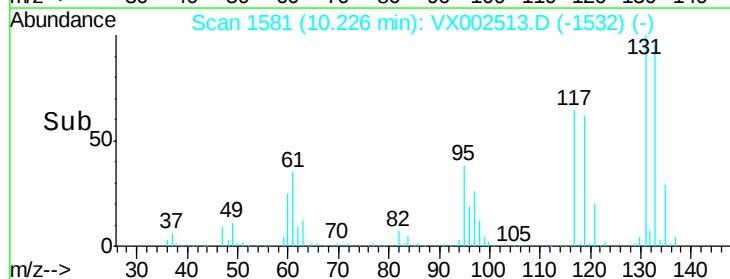
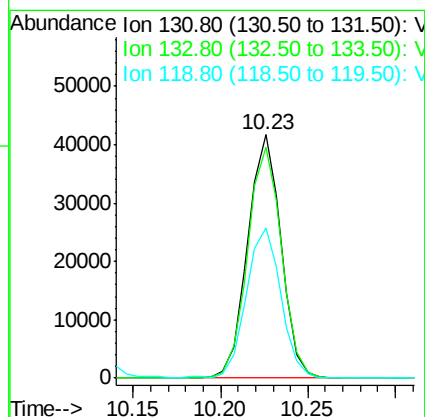
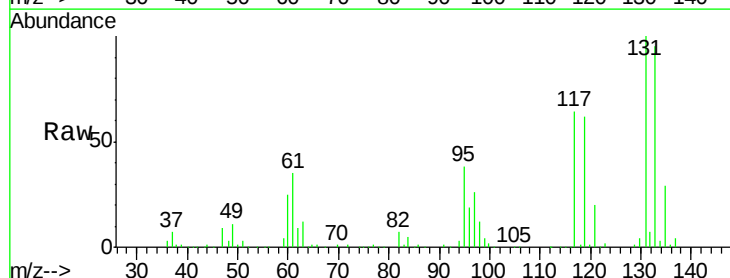
Tgt Ion:131 Resp: 55389

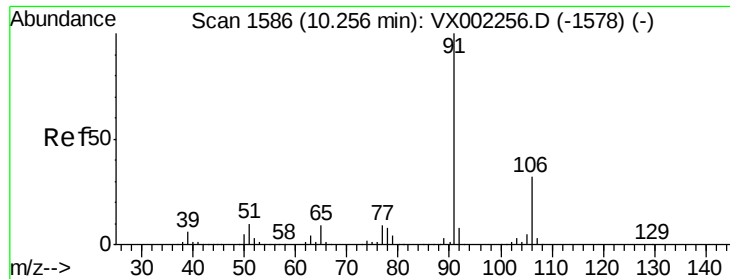
Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

119 64.2 31.8 95.3





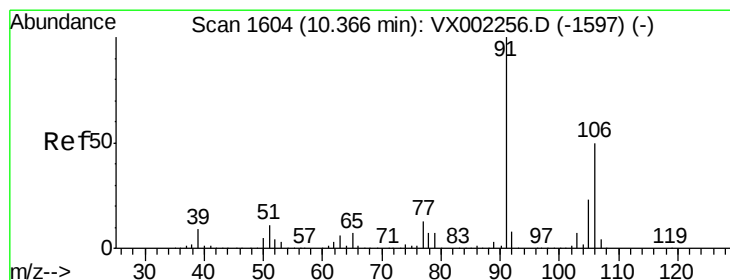
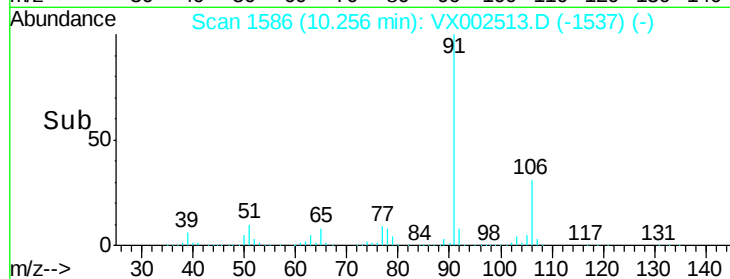
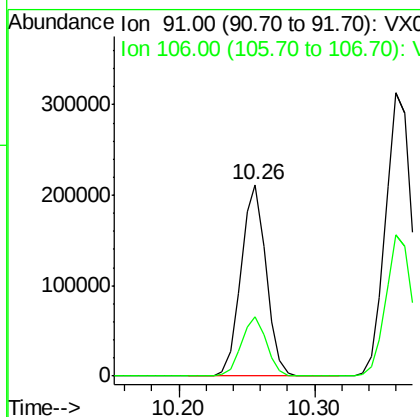
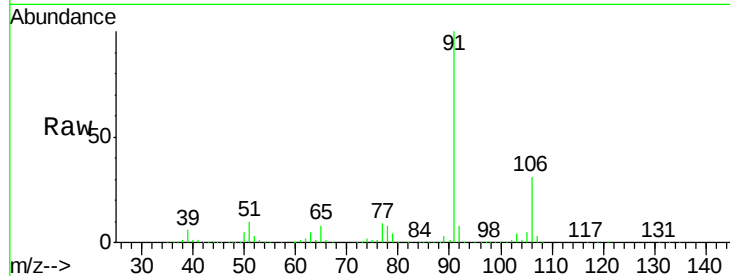
#67
Ethyl Benzene
Concen: 22.394 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion: 91 Resp: 272616
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

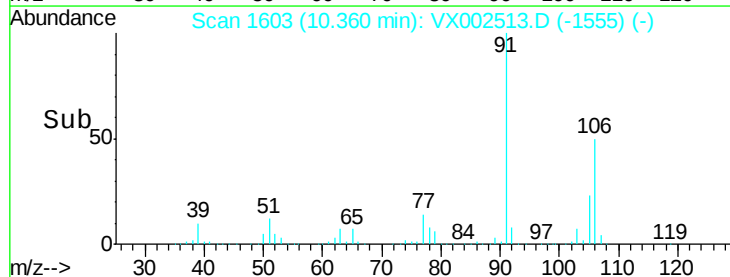
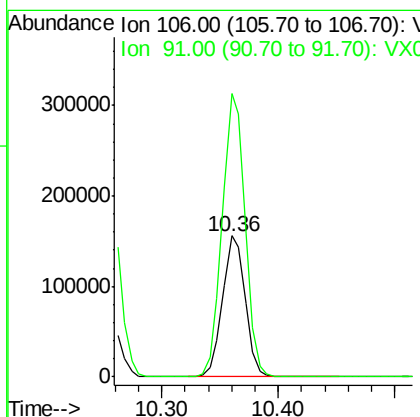
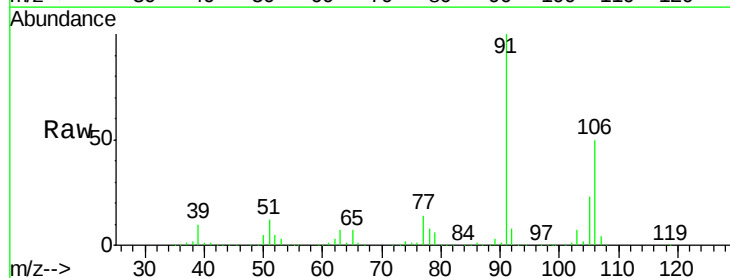
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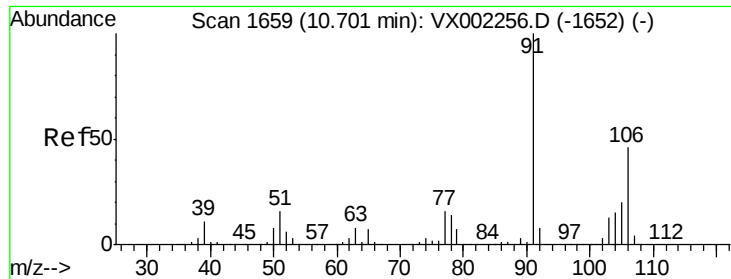
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#68
m/p-Xylenes
Concen: 44.211 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion: 106 Resp: 209215
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2





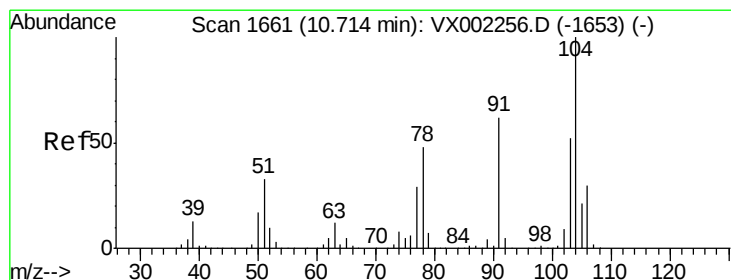
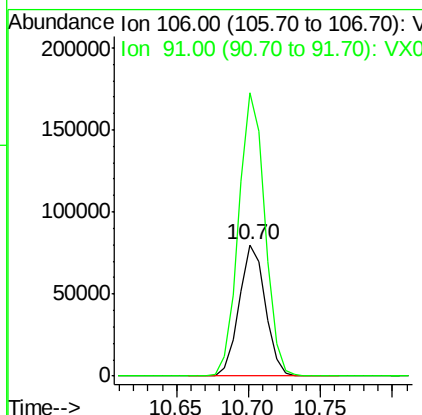
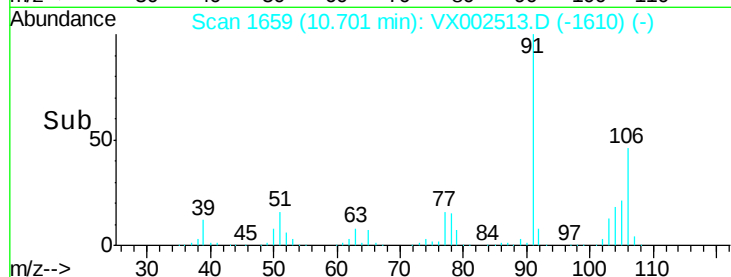
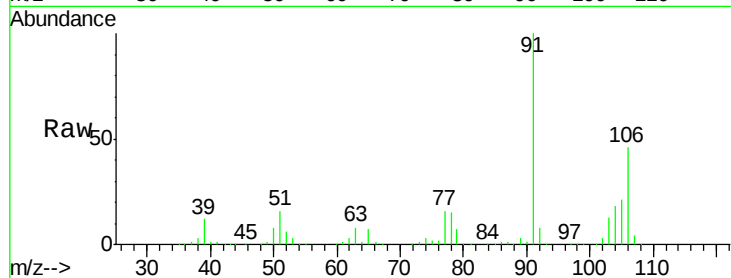
#69
o-Xylene
Concen: 21.449 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		101010		
91	216.9	108.2	324.6		

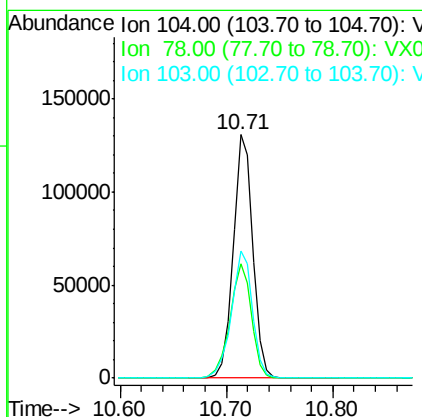
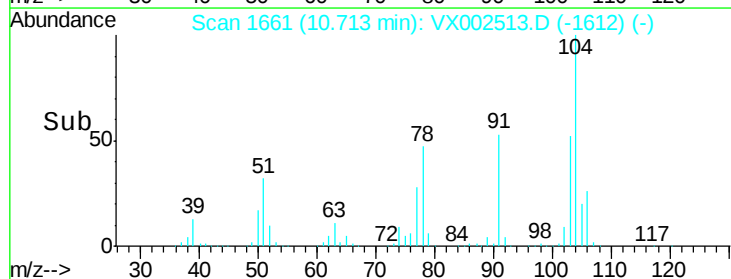
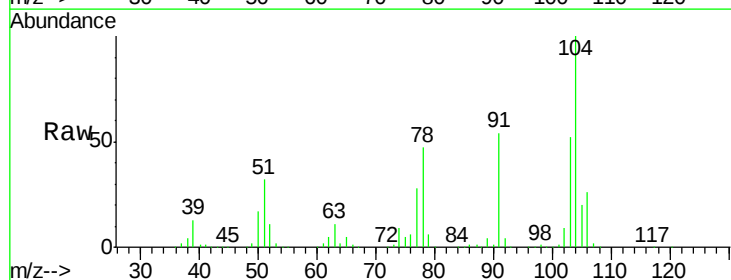
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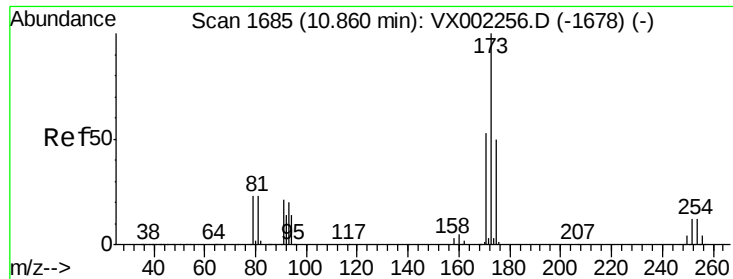
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#70
Styrene
Concen: 21.895 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		168556		
78	51.5	41.0	61.6		
103	56.6	44.2	66.4		





#71

Bromoform

Concen: 18.509 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion:173 Resp: 38142

Ion Ratio Lower Upper

173 100

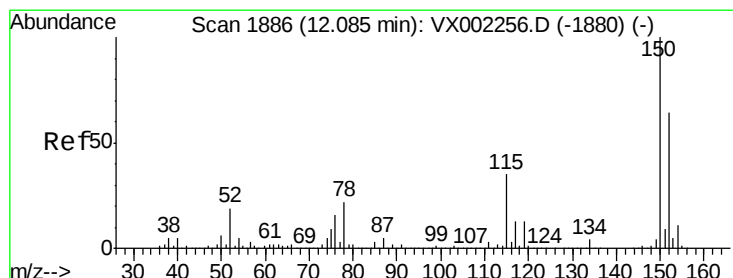
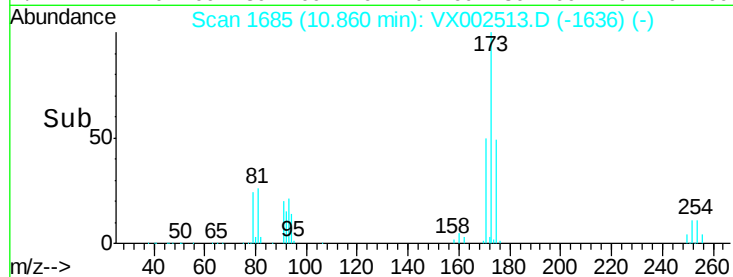
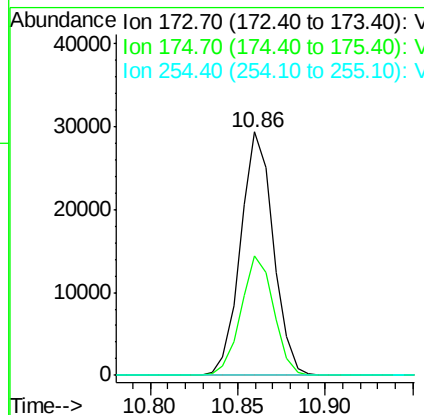
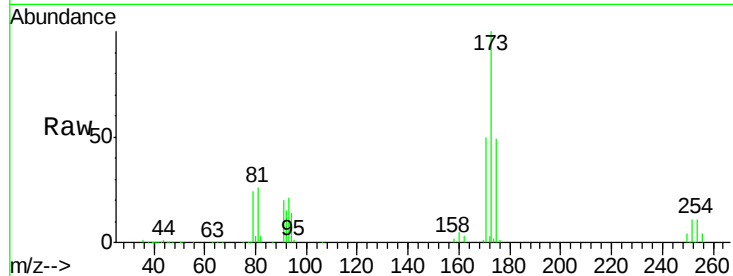
175 48.9 24.7 74.1

254 0.0 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

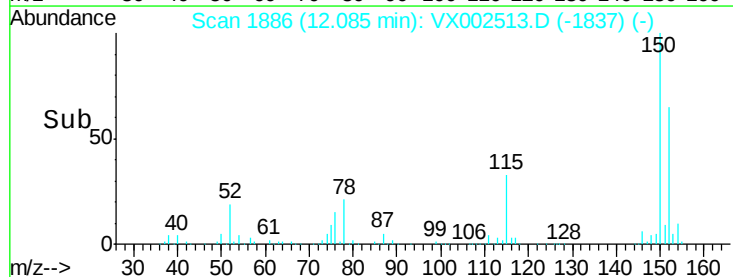
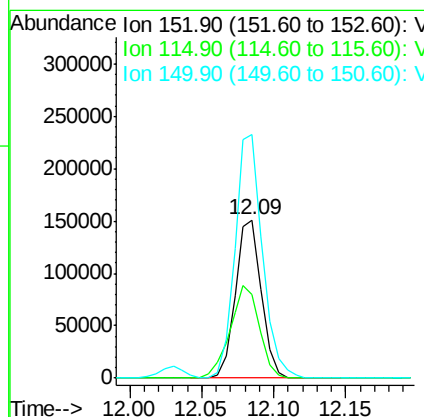
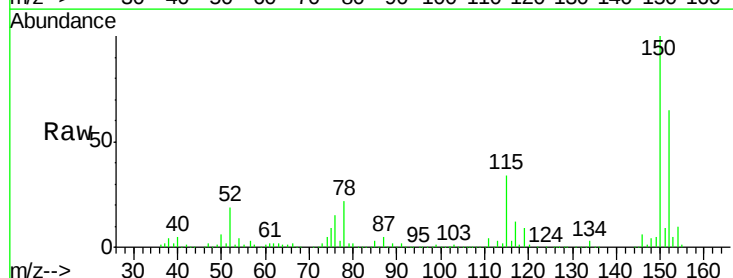
Tgt Ion:152 Resp: 190120

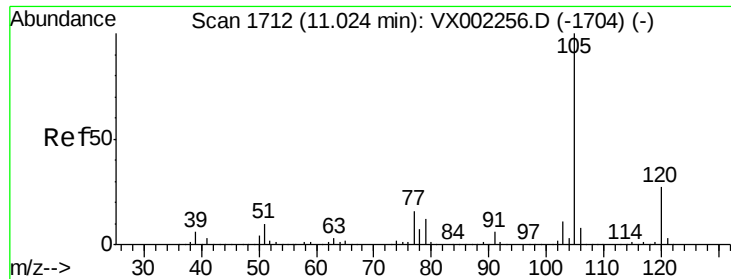
Ion Ratio Lower Upper

152 100

115 66.1 40.1 120.2

150 163.0 0.0 347.2





#73

Isopropylbenzene

Concen: 21.550 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 105 Resp: 285013

Ion Ratio Lower Upper

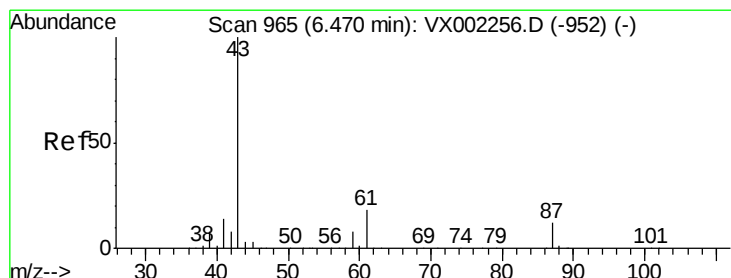
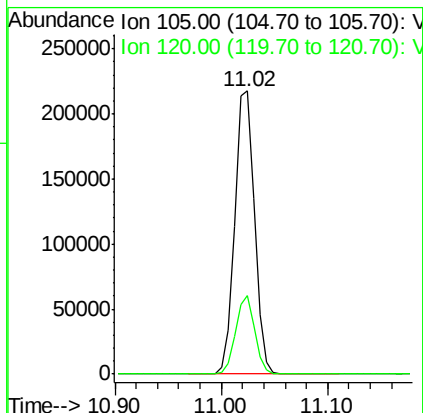
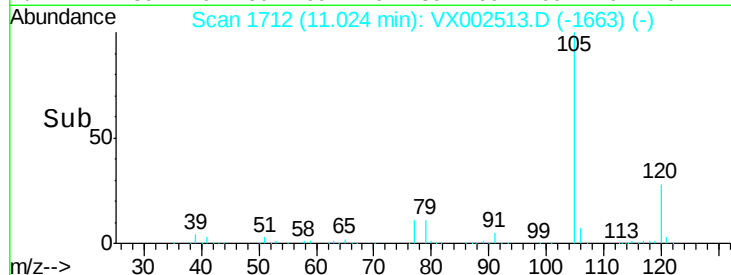
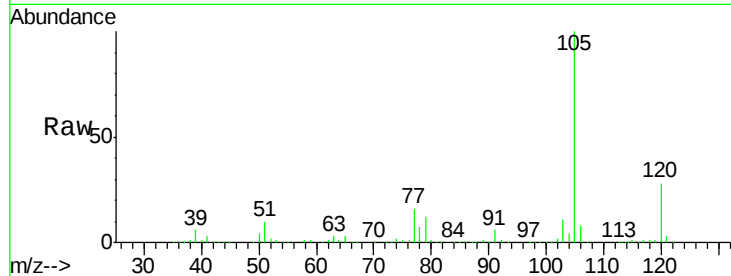
105 100

120 26.6 13.5 40.4

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#74

N-ethyl acetate

Concen: 18.221 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion: 43 Resp: 129850

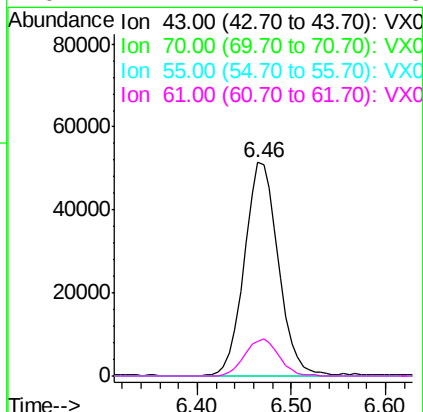
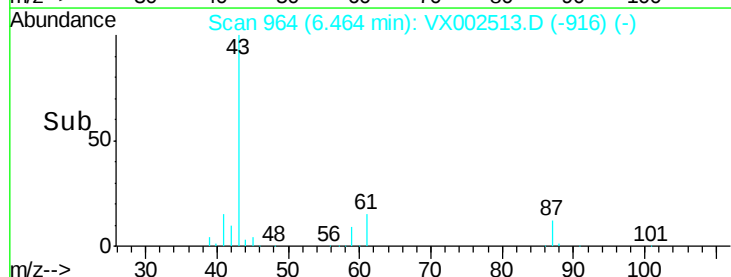
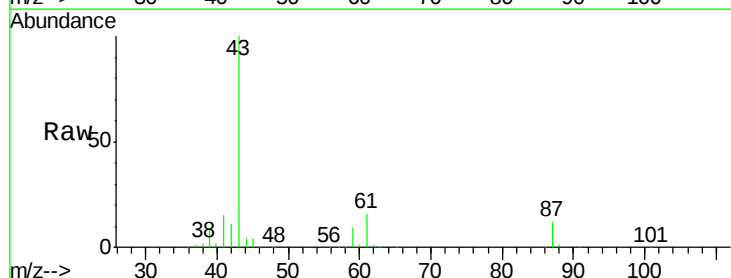
Ion Ratio Lower Upper

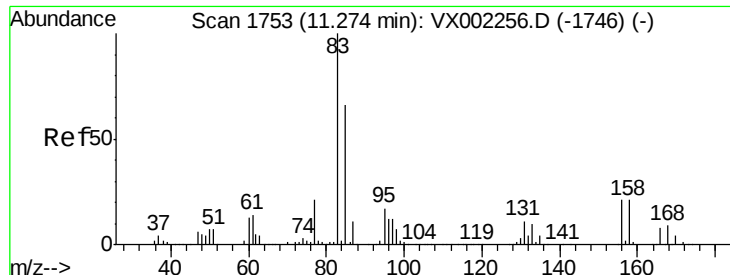
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6





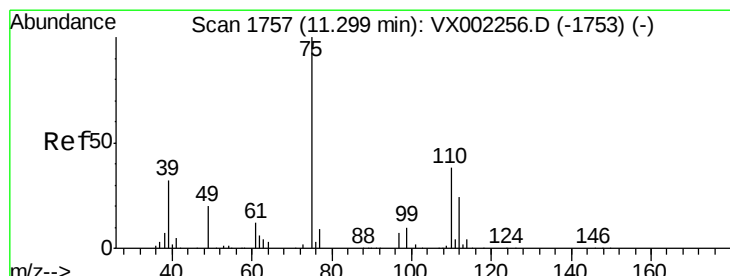
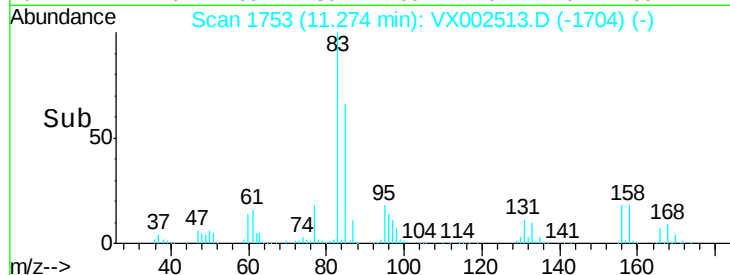
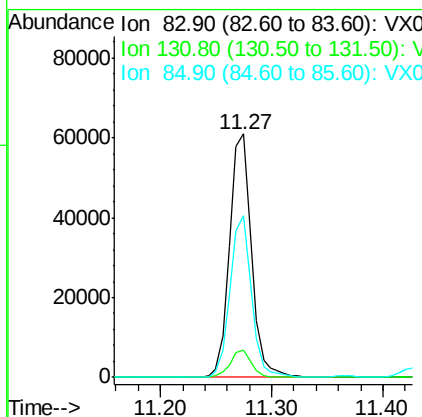
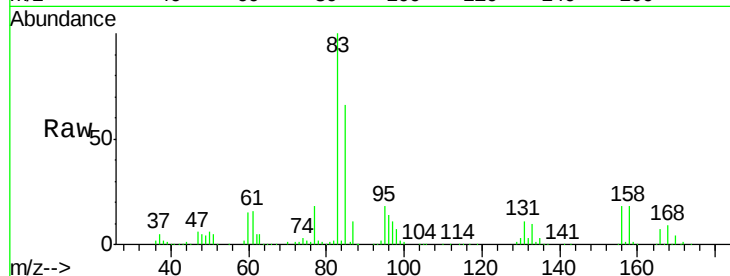
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.950 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	83	Resp	82984
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.6	16.8
85	64.9	32.4	97.2

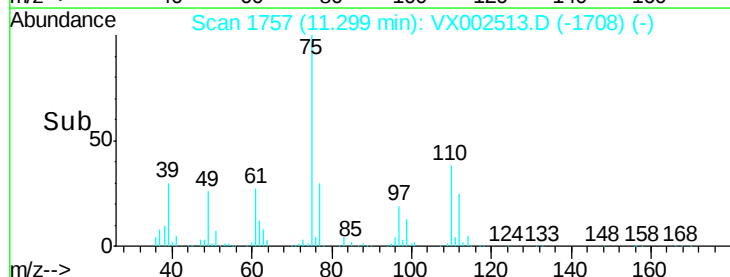
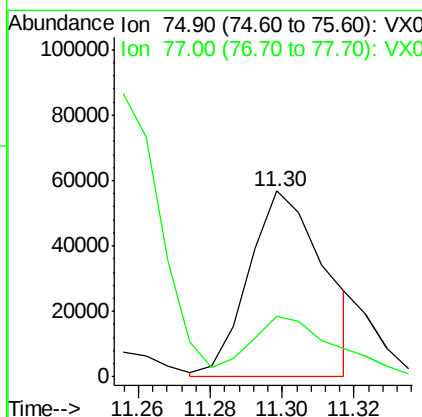
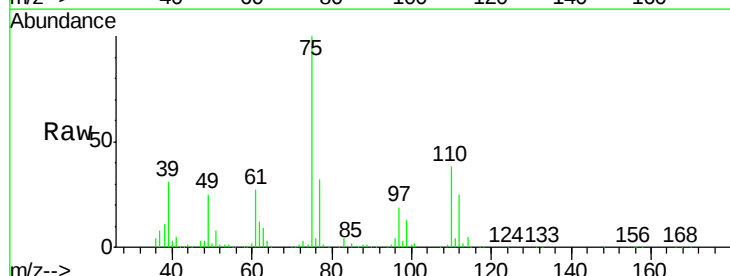
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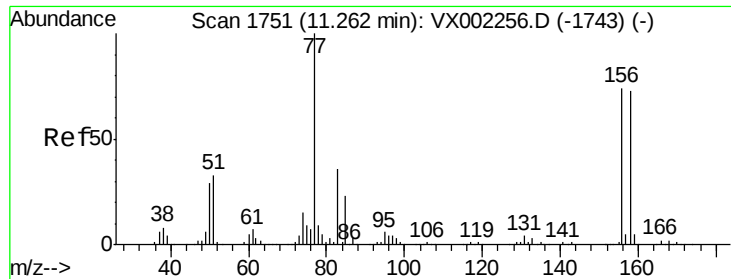
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 19.798 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	75	Resp	82591
Ion Ratio	100	Lower	Upper
75	100		
77	37.1	22.8	68.3





#77

Bromobenzene

Concen: 20.408 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion:156 Resp: 75773

Ion Ratio Lower Upper

156 100

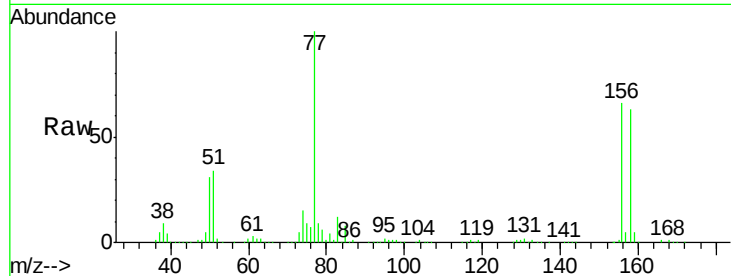
77 141.6 71.4 214.2

158 97.5 48.9 146.6

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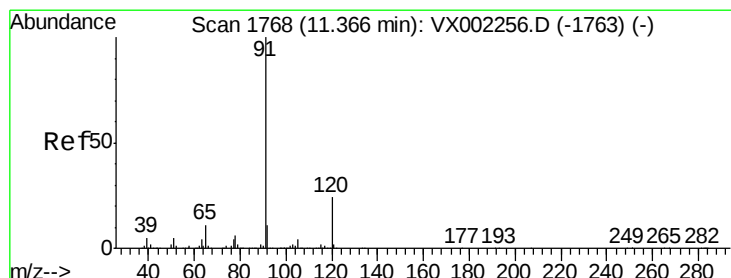
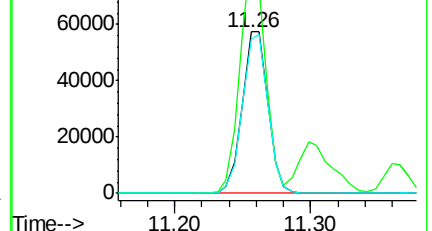
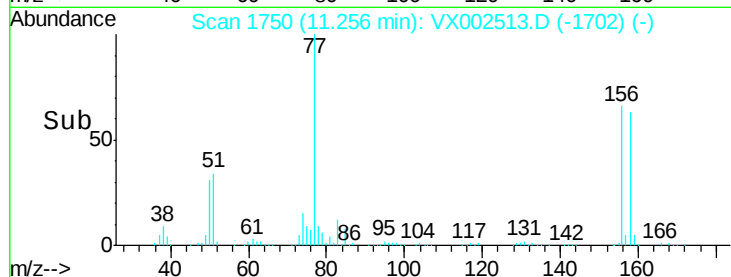
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.387 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002513.D

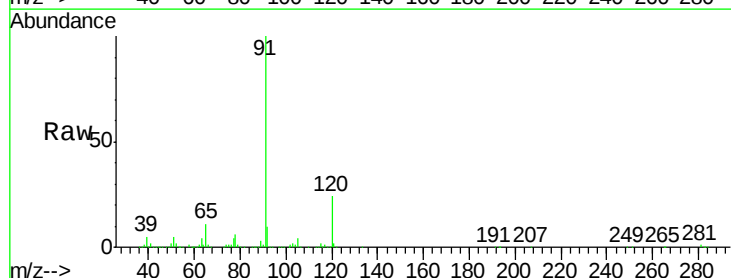
Acq: 13 Jun 2018 17:12

Tgt Ion: 91 Resp: 329082

Ion Ratio Lower Upper

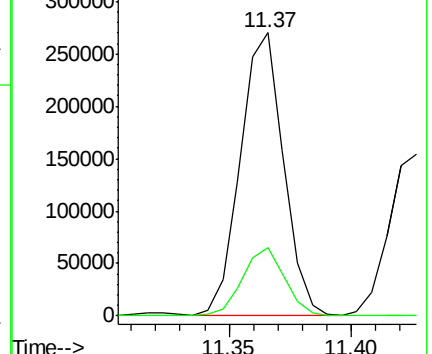
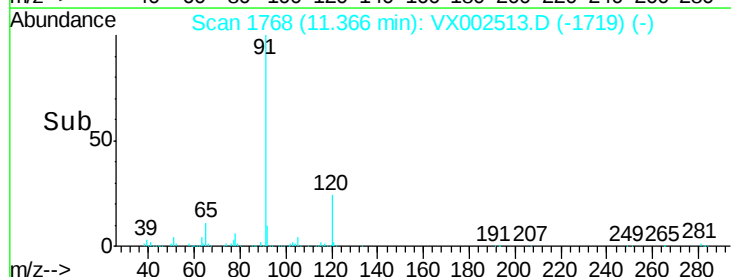
91 100

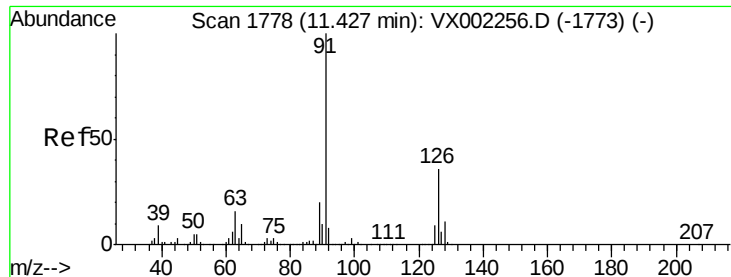
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.662 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBS01

Tot Ion: 91 Resp: 191789

Ion Ratio Lower Upper

91 100

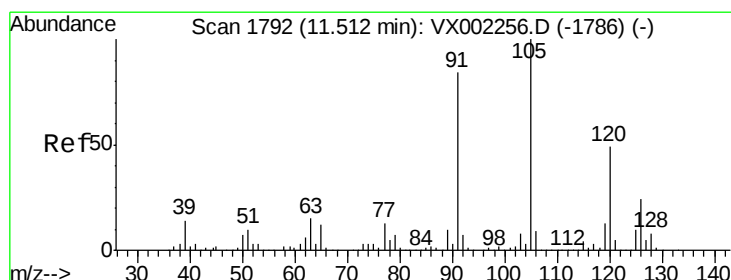
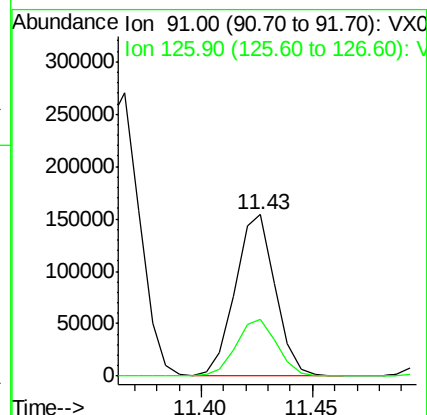
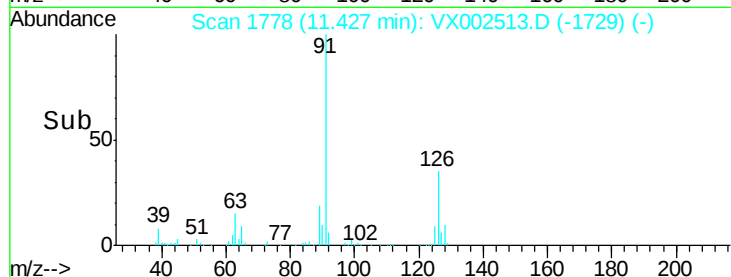
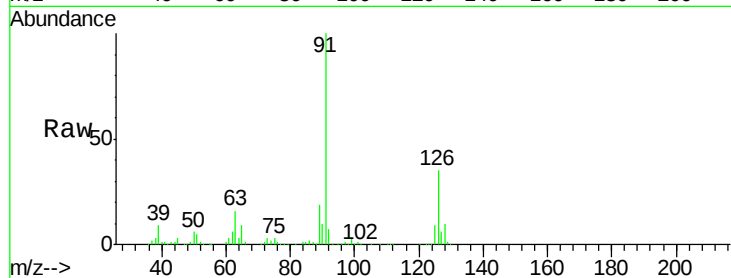
126 35.9 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 21.264 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002513.D

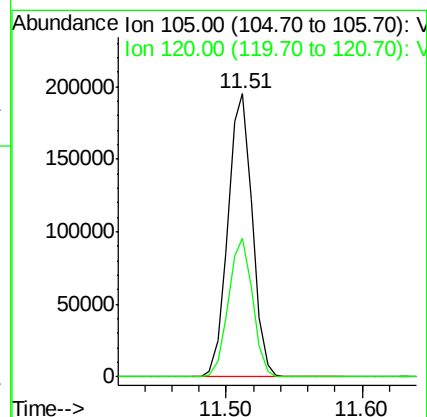
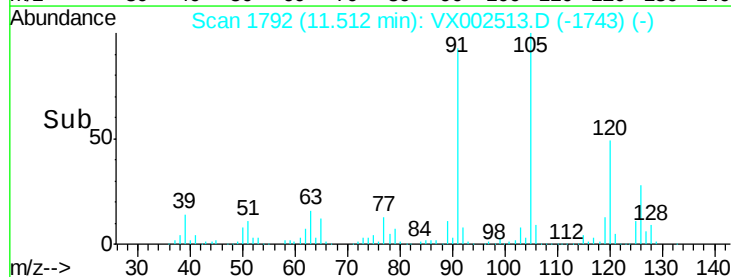
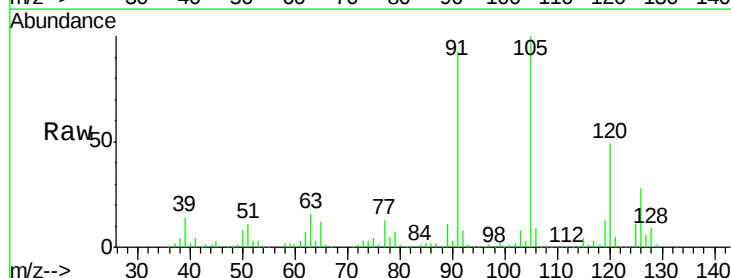
Acq: 13 Jun 2018 17:12

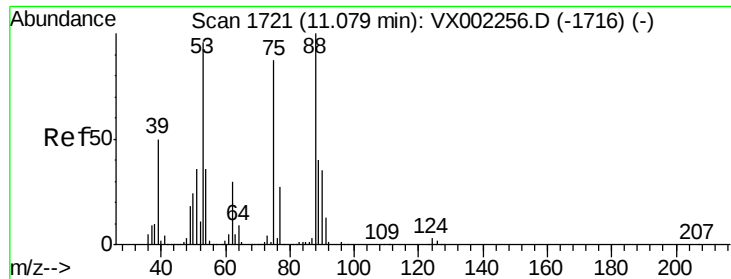
Tgt Ion: 105 Resp: 241221

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.717 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

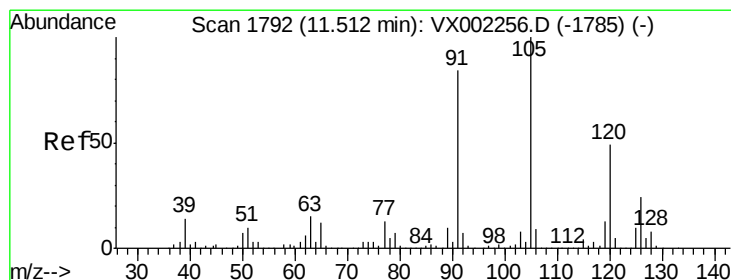
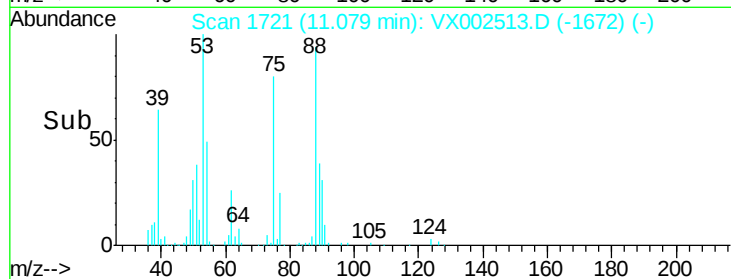
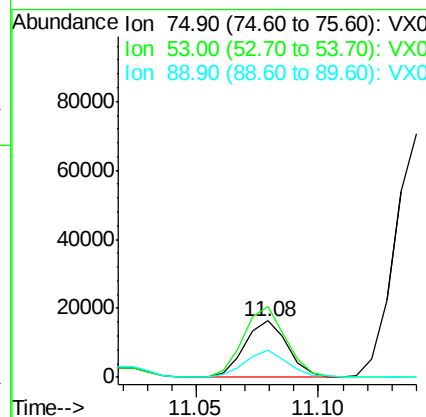
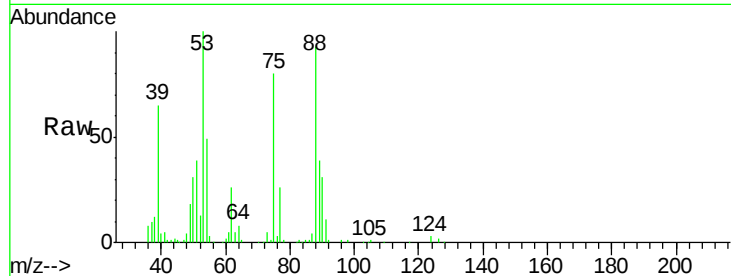
ClientSampleId :

VX0613WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	125.0	86.8	130.2
89	49.3	38.2	57.2

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#82

4-Chlorotoluene

Concen: 21.332 ug/l

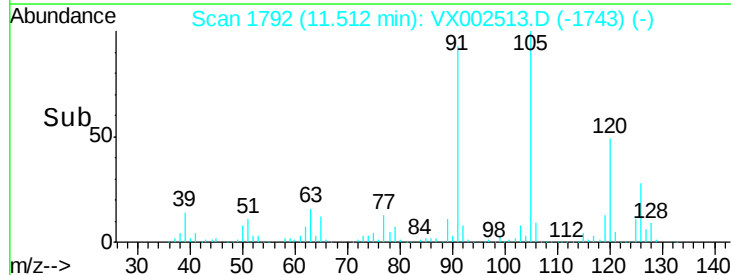
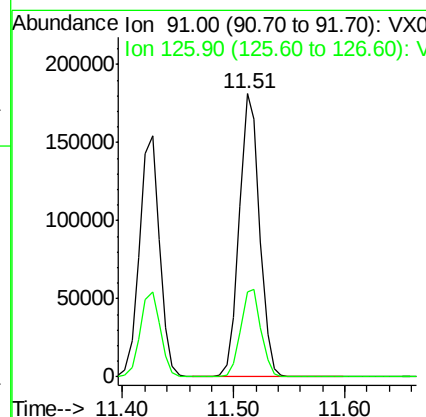
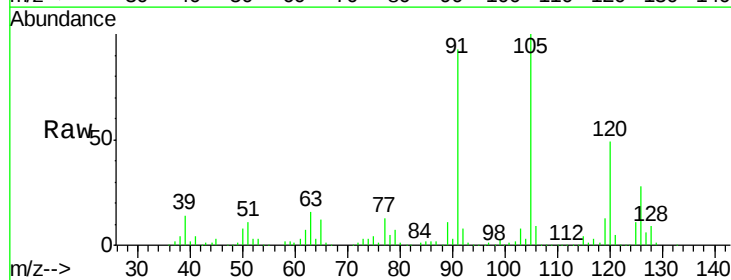
RT: 11.51 min Scan# 1792

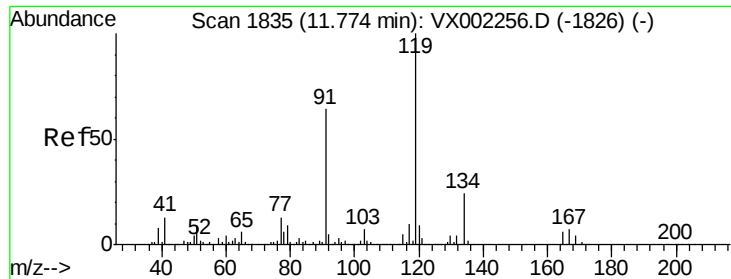
Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





#83

tert-Butylbenzene

Concen: 21.076 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

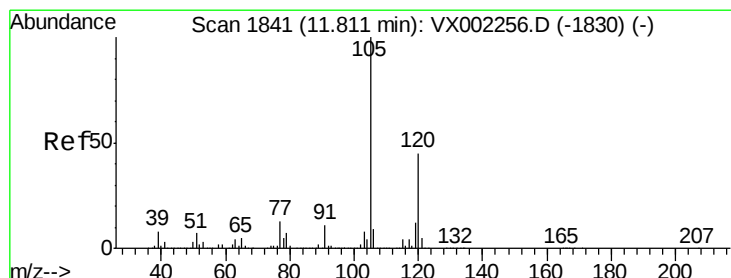
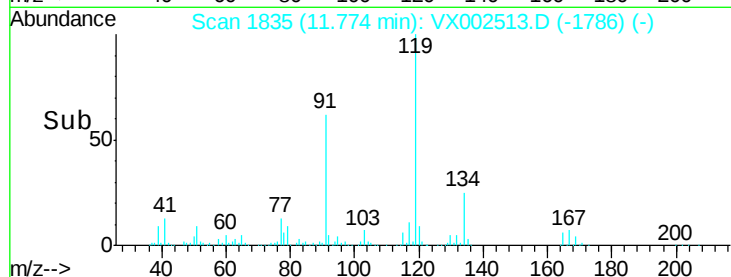
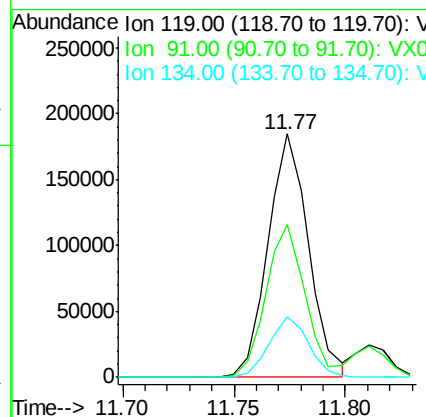
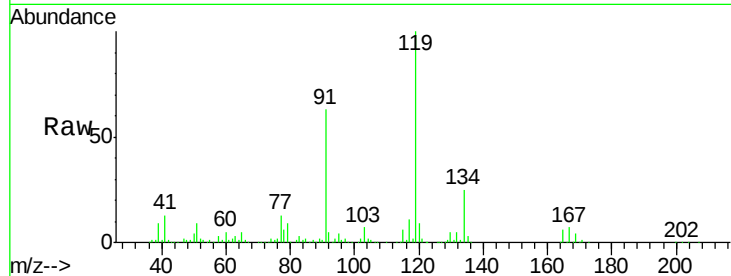
ClientSampleId :

VX0613WBS01

Tot Ion:	119	Resp:	232815
Ion Ratio	Lower	Upper	
119	100		
91	61.4	30.3	90.9
134	24.4	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 21.233 ug/l

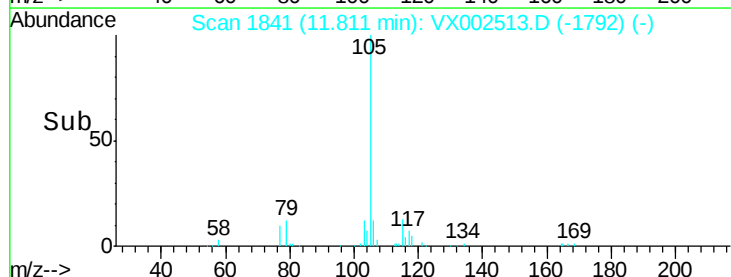
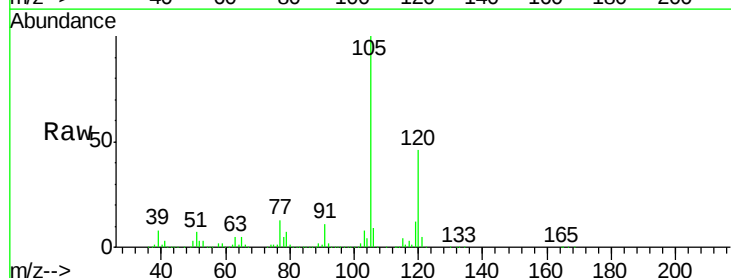
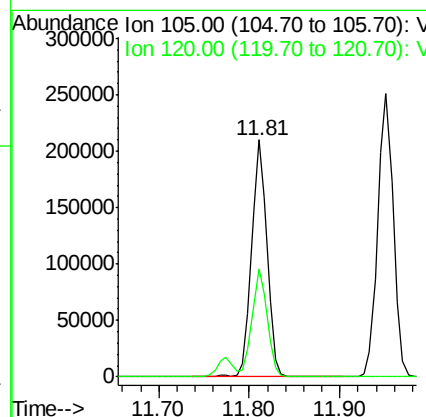
RT: 11.81 min Scan# 1841

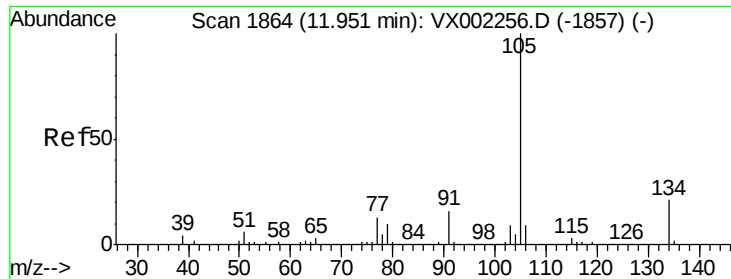
Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion:	105	Resp:	247946
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.3	66.8





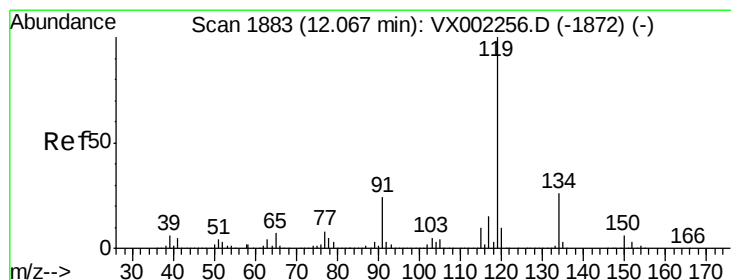
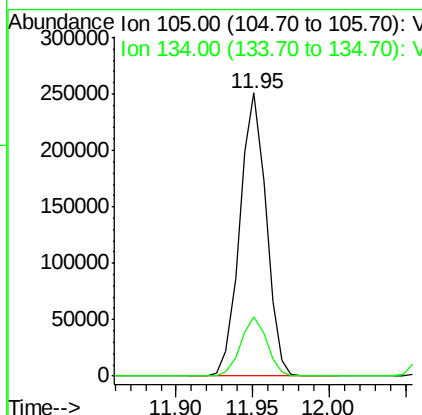
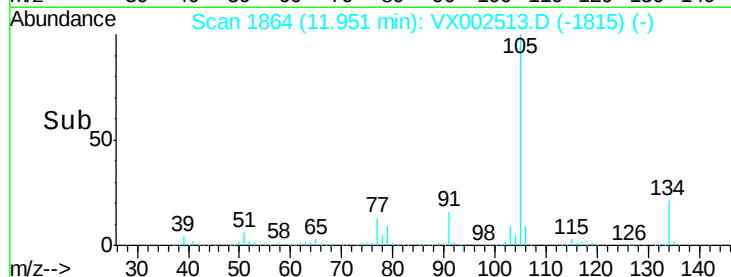
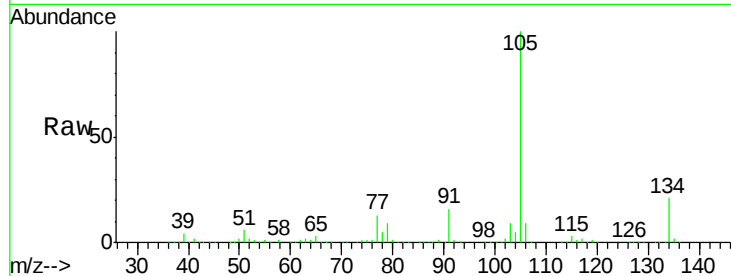
#85
 sec-Butylbenzene
 Concen: 23.125 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0613WBS01

Tot Ion:105 Resp: 299480
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

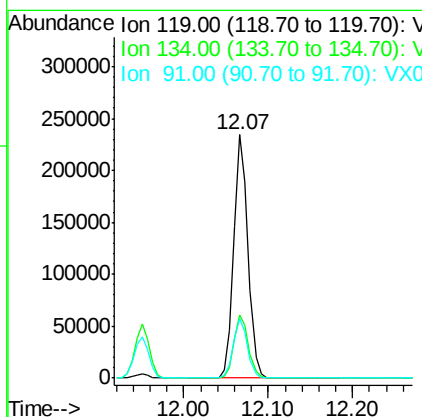
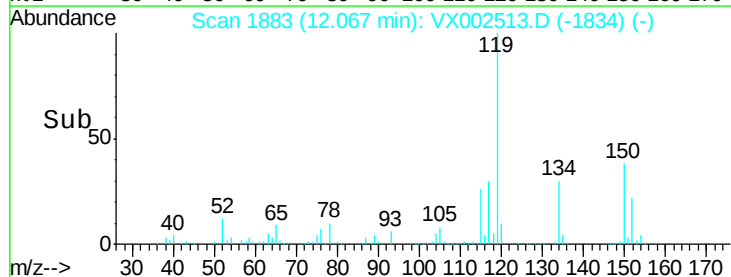
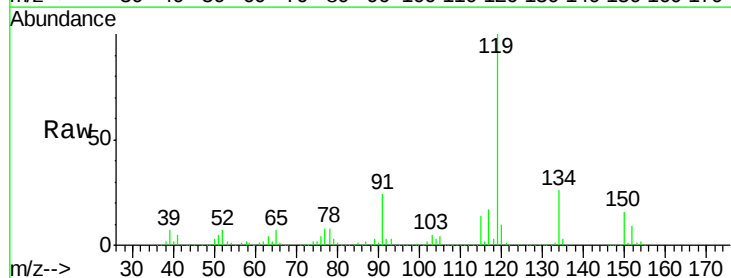
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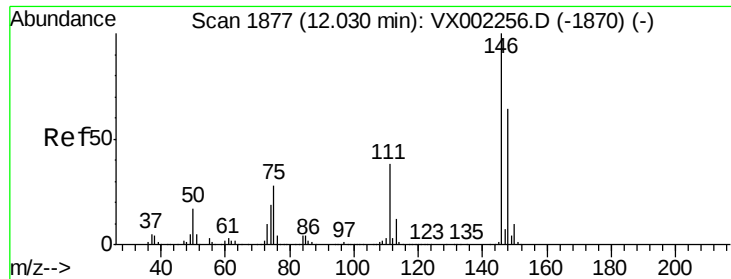
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#86
 p-Isopropyltoluene
 Concen: 22.795 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion:119 Resp: 268885
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 24.4 11.9 35.7





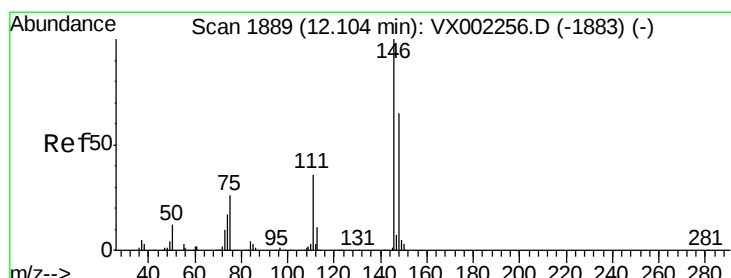
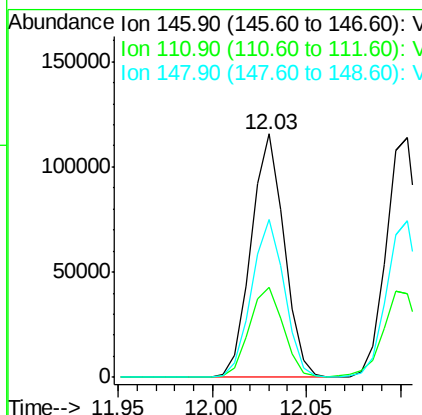
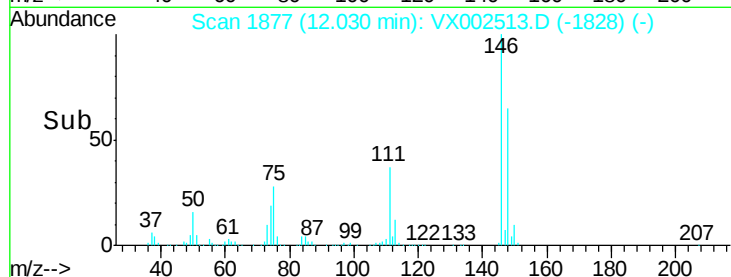
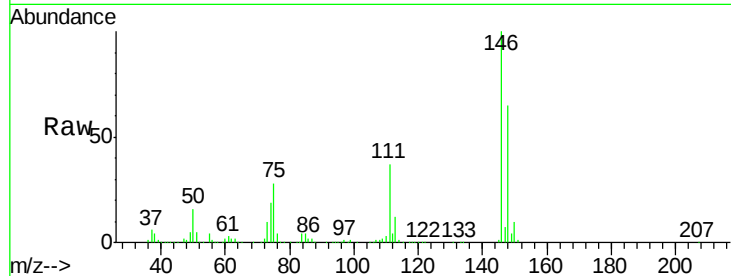
#87
 1,3-Dichlorobenzene
 Concen: 21.234 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.5	32.1	96.3

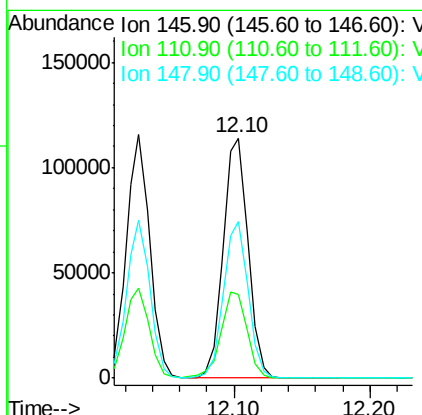
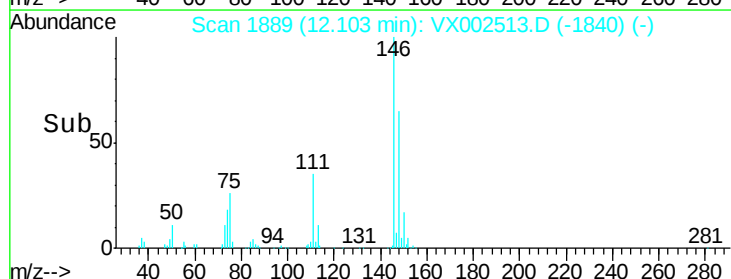
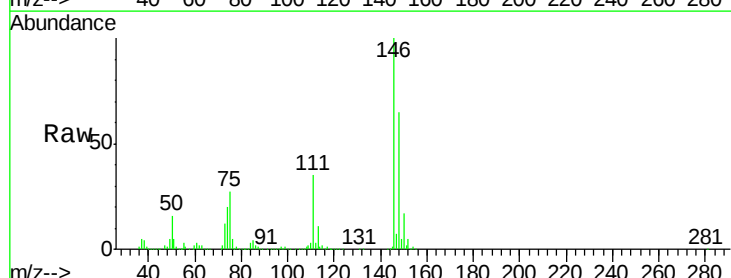
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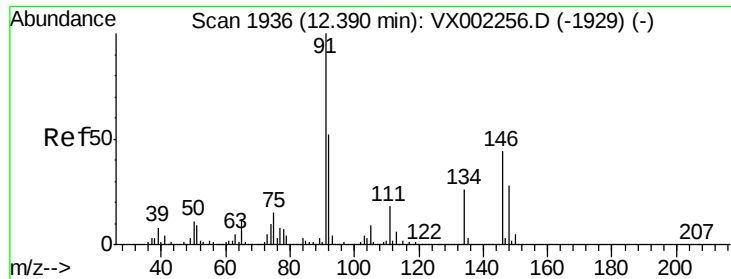
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#88
 1,4-Dichlorobenzene
 Concen: 21.036 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	65.0	32.4	97.0





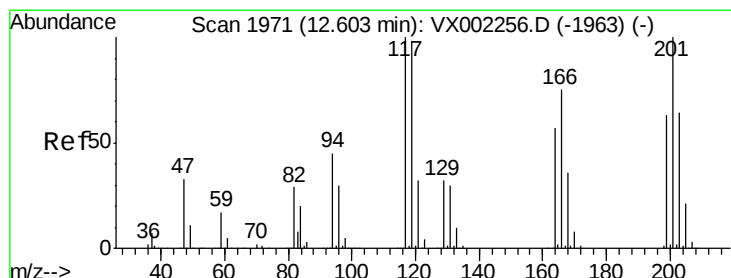
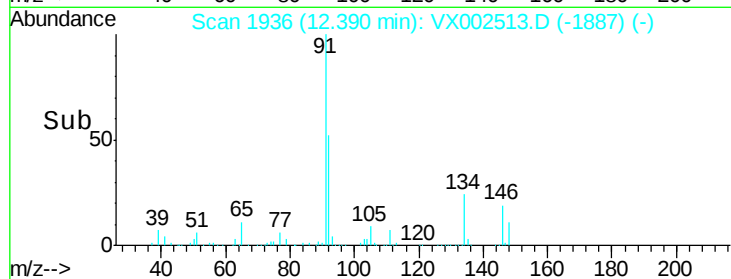
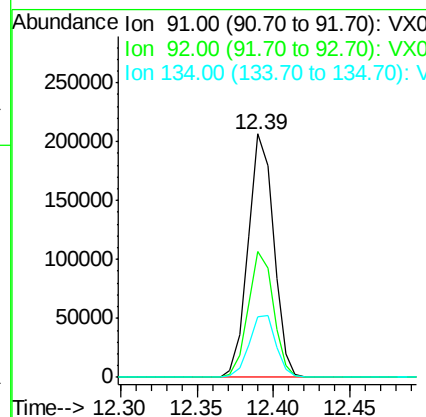
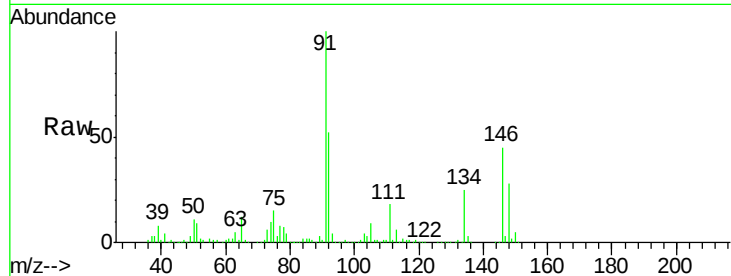
#89
n-Butylbenzene
Concen: 24.298 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	26.5	13.5	40.5

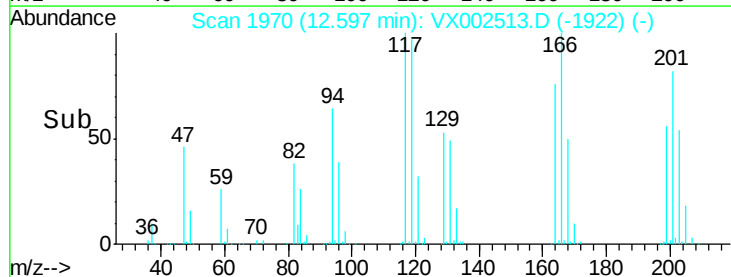
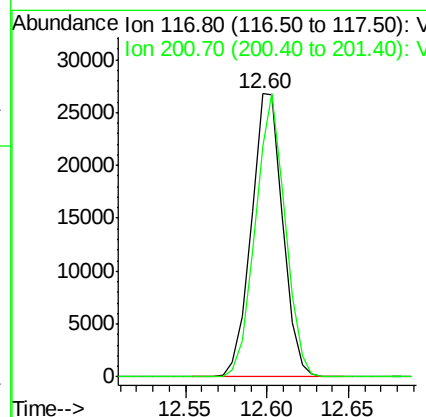
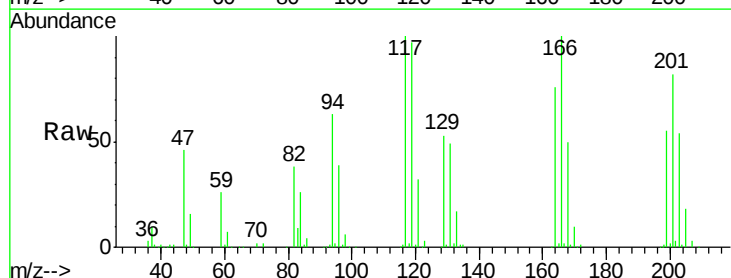
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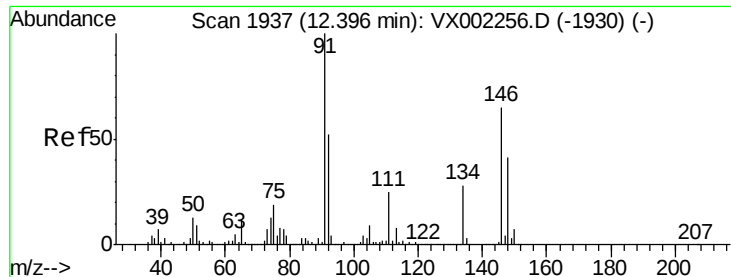
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#90
Hexachloroethane
Concen: 19.097 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002513.D
Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	49.0	147.0





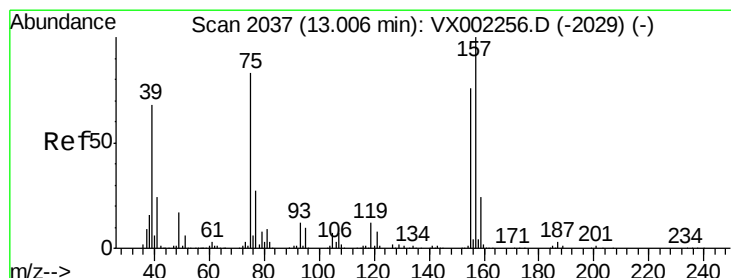
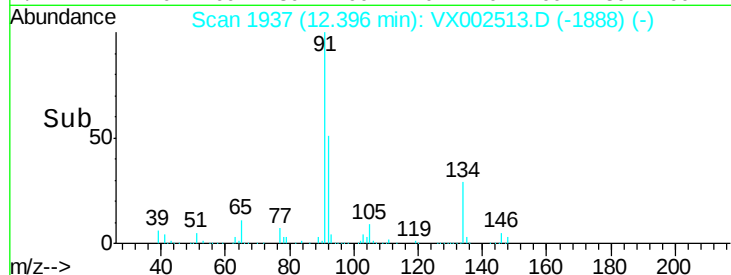
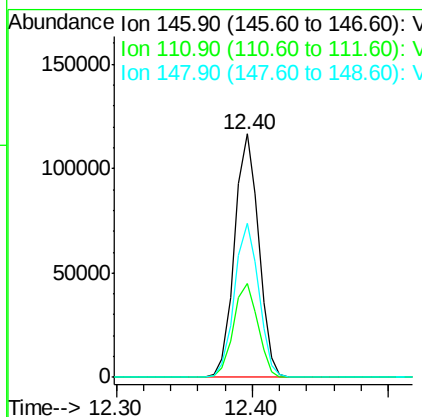
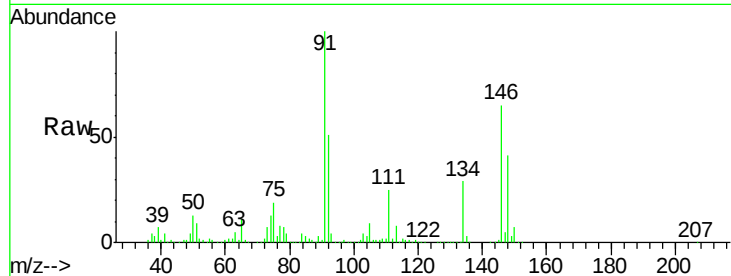
#91
 1,2-Dichlorobenzene
 Concen: 20.943 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.1
148	63.7	31.7	95.1

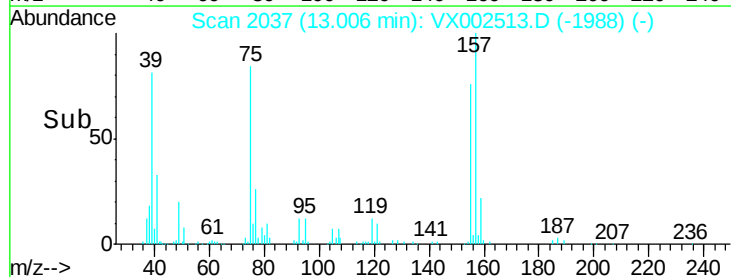
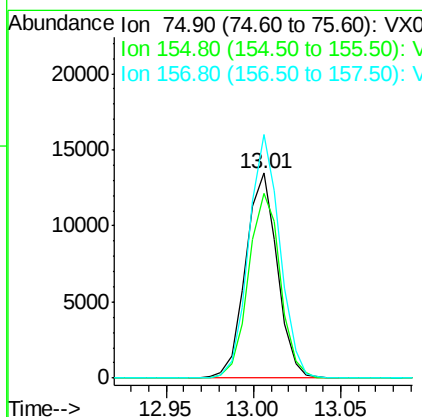
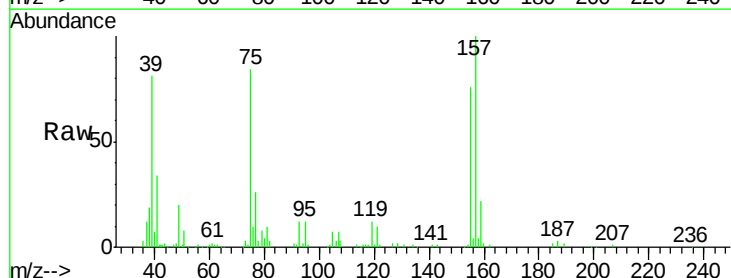
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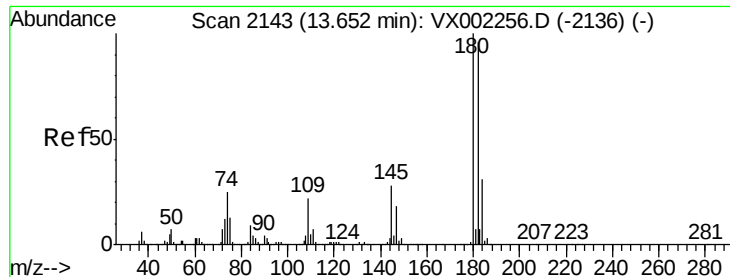
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.620 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	45.8	137.4
157	116.4	60.1	180.3





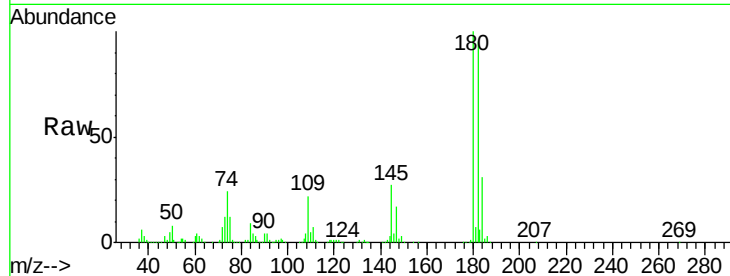
#93
 1,2,4-Trichlorobenzene
 Concen: 22.197 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

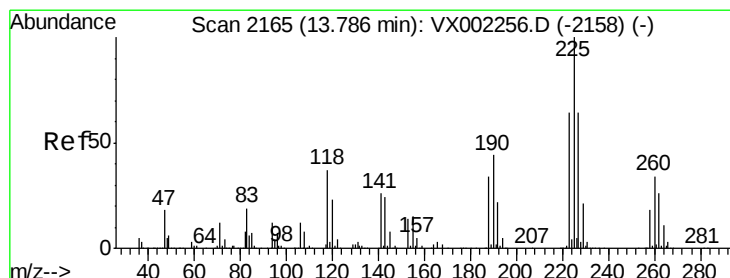
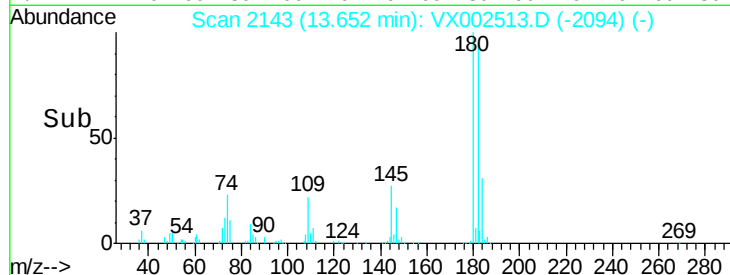
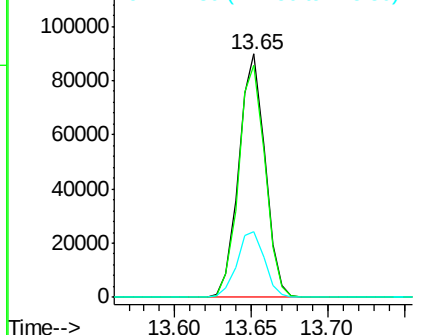
Tot Ion	Ratio	Resp	Lower	Upper
180	100	106911		
182	96.0	47.7	143.1	
145	28.2	14.1	42.4	

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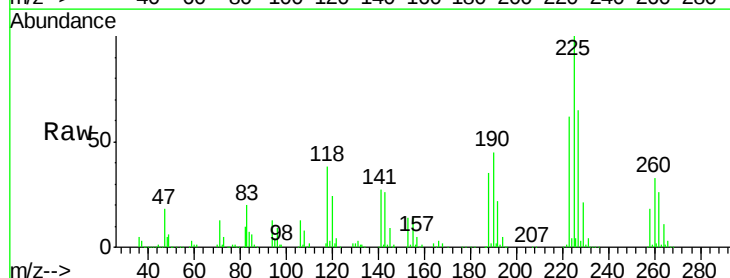


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

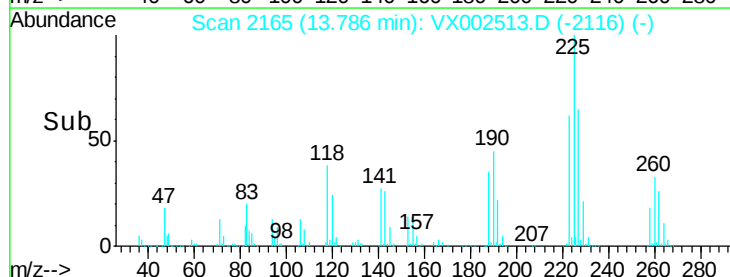
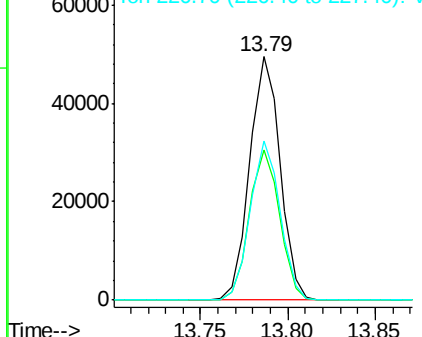


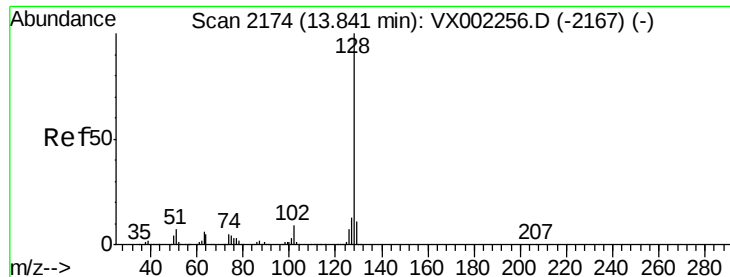
#94
 Hexachlorobutadiene
 Concen: 25.174 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002513.D
 Acq: 13 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59914		
223	61.4	31.6	95.0	
227	64.3	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.703 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Instrument :

MSVOA_X

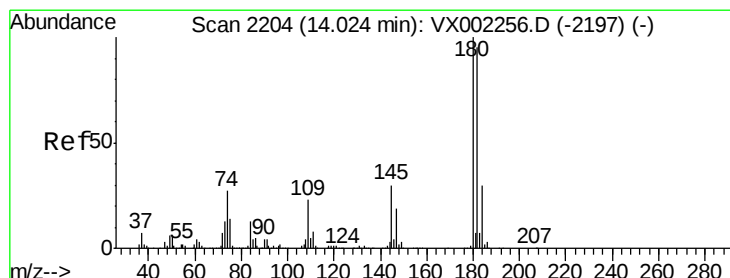
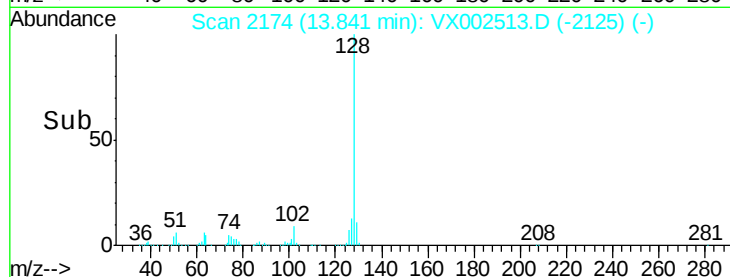
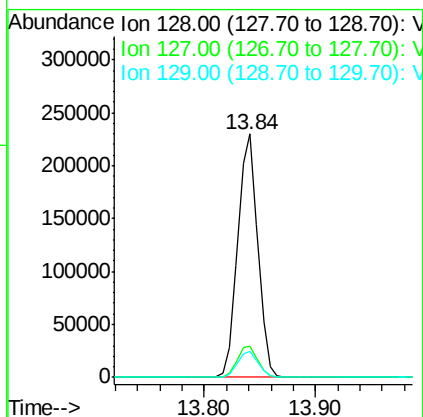
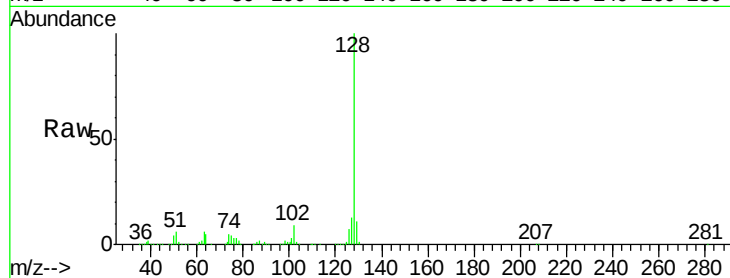
ClientSampleId :

VX0613WBS01

Tot Ion:	128	Resp:	286493
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 21.856 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002513.D

Acq: 13 Jun 2018 17:12

Tgt Ion:	180	Resp:	107355
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.0	144.0
145	29.5	14.8	44.3

