

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002378.D
 Acq On : 07 Jun 2018 15:27
 Operator : JC/MD
 Sample : VX0607MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:24 PM

Quant Time: Jun 07 16:25:32 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	238682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76832	20.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.94%	
35) Dibromofluoromethane	5.51	113	58378	21.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.78%	
50) Toluene-d8	8.72	98	224047	21.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.84%	
62) 4-Bromofluorobenzene	11.14	95	82378	20.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50784	20.468	ug/l	99
3) Chloromethane	1.32	50	59851	19.289	ug/l	99
4) Vinyl Chloride	1.41	62	64356	20.580	ug/l	99
5) Bromomethane	1.64	94	38304	19.617	ug/l	98
6) Chloroethane	1.73	64	42967	21.241	ug/l	98
7) Trichlorofluoromethane	1.93	101	108800	22.836	ug/l	98
8) Diethyl Ether	2.19	74	39416	21.935	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60619	23.577	ug/l	99
10) Methyl Iodide	2.51	142	57133	15.798	ug/l	100
11) Tert butyl alcohol	3.07	59	73395	92.450	ug/l	98
12) 1,1-Dichloroethene	2.38	96	53925	21.223	ug/l	94
13) Acrolein	2.30	56	27320	73.736	ug/l	99
14) Allyl chloride	2.73	41	105318	19.099	ug/l	98
15) Acrylonitrile	3.15	53	161720	105.739	ug/l	100
16) Acetone	2.45	43	168293	103.406	ug/l	99
17) Carbon Disulfide	2.57	76	116612	17.413	ug/l	98
18) Methyl Acetate	2.78	43	79176	21.624	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	203447	21.637	ug/l	99
20) Methylene Chloride	2.86	84	61176	21.069	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57247	20.430	ug/l	97
22) Diisopropyl ether	3.88	45	184850	19.148	ug/l	99
23) Vinyl Acetate	3.83	43	784090	87.714	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109732	20.134	ug/l	100
25) 2-Butanone	4.71	43	212009	90.592	ug/l	97
26) 2,2-Dichloropropane	4.59	77	73460	17.243	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57592	18.899	ug/l	96
28) Bromochloromethane	5.03	49	49610	19.211	ug/l	99
29) Tetrahydrofuran	5.17	42	135488	89.795	ug/l	99
30) Chloroform	5.22	83	99279	18.878	ug/l	95
31) Cyclohexane	5.58	56	87893	20.395	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	86020	19.287	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73054	20.023	ug/l	99
37) Ethyl Acetate	4.87	43	83160	18.953	ug/l	99
38) Carbon Tetrachloride	5.79	117	72303	18.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88364	19.763	ug/l	98
40) Benzene	6.15	78	218098	19.496	ug/l	99
41) Methacrylonitrile	5.07	41	46688	18.588	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86782	19.525	ug/l	99
43) Isopropyl Acetate	6.47	43	135002	18.115	ug/l	100
44) Trichloroethene	7.22	130	60441	19.467	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55524	18.385	ug/l	97
46) Dibromomethane	7.66	93	38416	18.764	ug/l	98
47) Bromodichloromethane	7.90	83	66053	17.839	ug/l	98
48) Methyl methacrylate	7.78	41	70381	18.801	ug/l	99
49) 1,4-Dioxane	7.76	88	25596	365.687	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	443274	95.512	ug/l	100
52) Toluene	8.79	92	140195	19.704	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	80068	18.032	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71838	17.148	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56951	19.462	ug/l	99
56) Ethyl methacrylate	9.18	69	87303	18.686	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95341	19.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	210185	97.201	ug/l	99
59) 2-Hexanone	9.50	43	337928	94.268	ug/l	100
60) Dibromochloromethane	9.59	129	51501	17.497	ug/l	99
61) 1,2-Dibromoethane	9.68	107	58972	19.327	ug/l	99
64) Tetrachloroethene	9.34	164	67192	19.892	ug/l	97
65) Chlorobenzene	10.14	112	160366	19.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54770	18.560	ug/l	99
67) Ethyl Benzene	10.26	91	277942	20.379	ug/l	99
68) m/p-Xylenes	10.36	106	211430	39.879	ug/l	100
69) o-Xylene	10.70	106	104347	19.777	ug/l	100
70) Styrene	10.72	104	168932	19.586	ug/l	99
71) Bromoform	10.86	173	36515	16.318	ug/l #	99
73) Isopropylbenzene	11.02	105	283942	20.352	ug/l	100
74) N-amyl acetate	6.47	43	135002	17.958	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82949	18.904	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81750m	18.576	ug/l	
77) Bromobenzene	11.26	156	74660	19.062	ug/l	99
78) n-propylbenzene	11.37	91	319881	20.628	ug/l	99
79) 2-Chlorotoluene	11.43	91	189018	19.304	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	237485	19.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18410	14.664	ug/l #	83
82) 4-Chlorotoluene	11.51	91	218978	19.375	ug/l	99
83) tert-Butylbenzene	11.77	119	236390	20.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247161	20.065	ug/l	100
85) sec-Butylbenzene	11.95	105	289728	21.208	ug/l	99
86) p-Isopropyltoluene	12.07	119	257588	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135301	19.320	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	135162	18.724	ug/l	98
89) n-Butylbenzene	12.39	91	215490	20.648	ug/l	100
90) Hexachloroethane	12.60	117	33807	17.020	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	140039	19.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16602	17.302	ug/l	98

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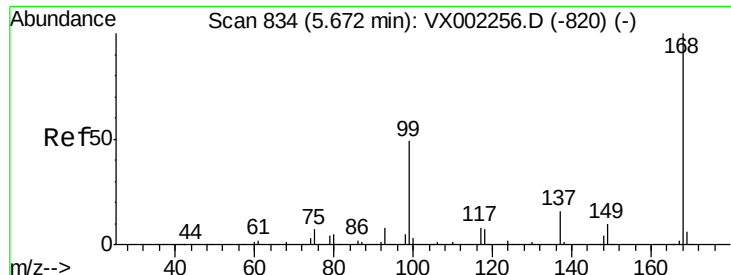
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97647	19.219	ug/l	99
94) Hexachlorobutadiene	13.79	225	53541	21.325	ug/l	98
95) Naphthalene	13.84	128	290103	19.873	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102110	19.706	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 168 Resp: 238682

Ion Ratio Lower Upper

168 100

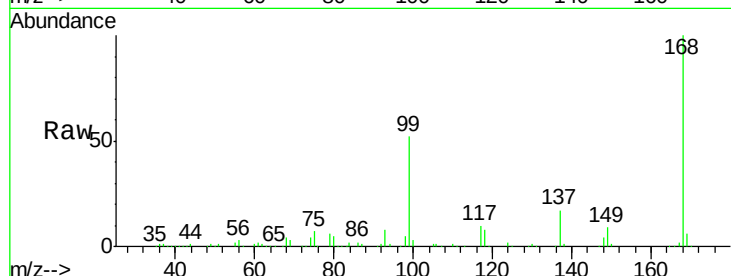
99 51.8 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

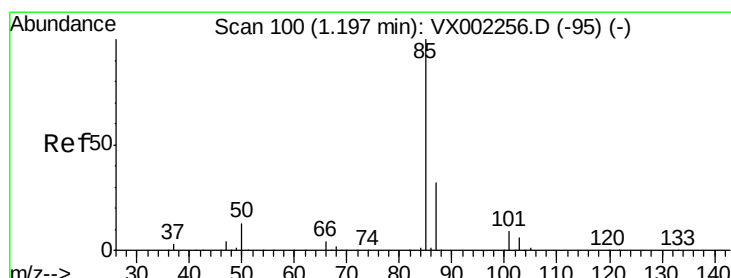
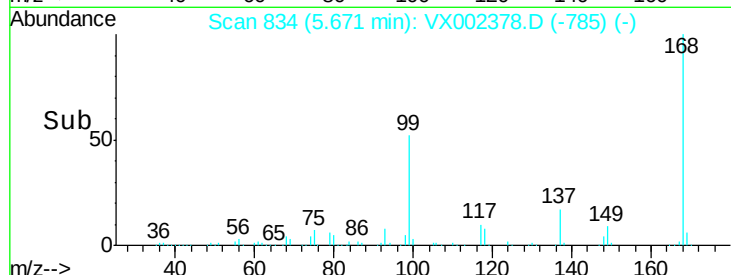
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.468 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002378.D

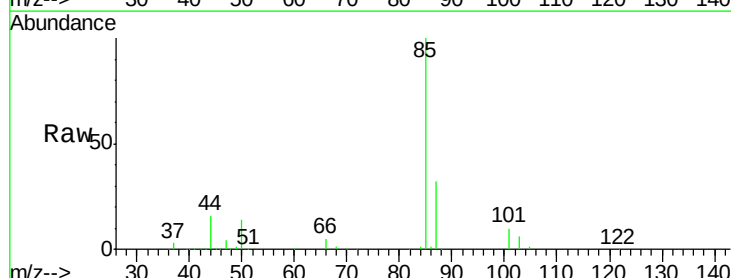
Acq: 07 Jun 2018 15:27

Tgt Ion: 85 Resp: 50784

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

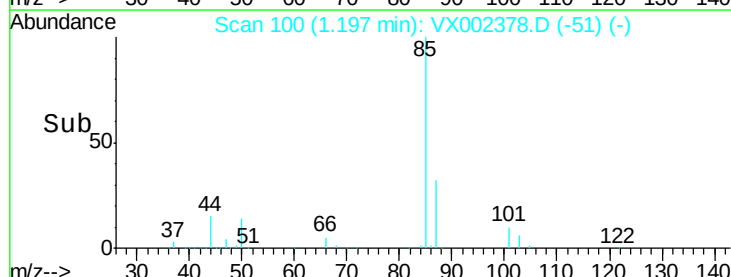
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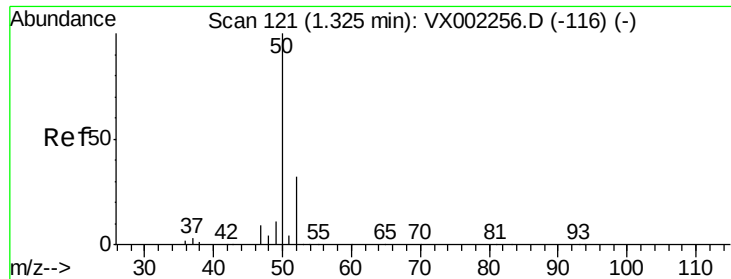
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.289 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 50 Resp: 59851

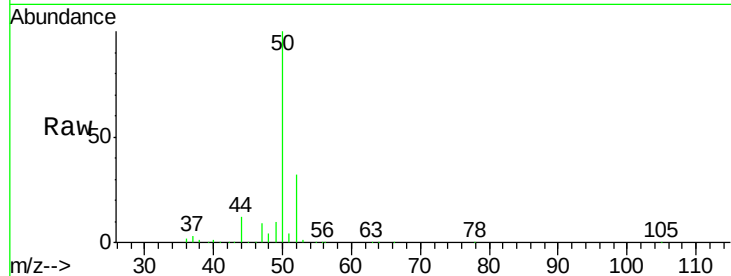
Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5

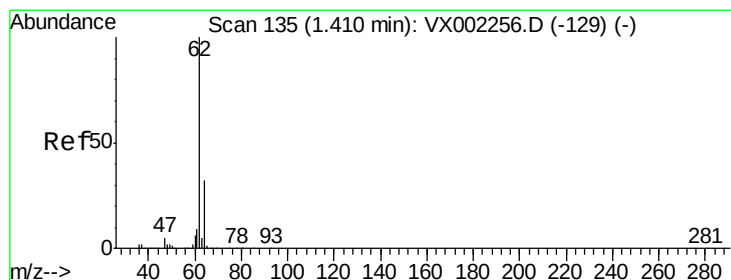
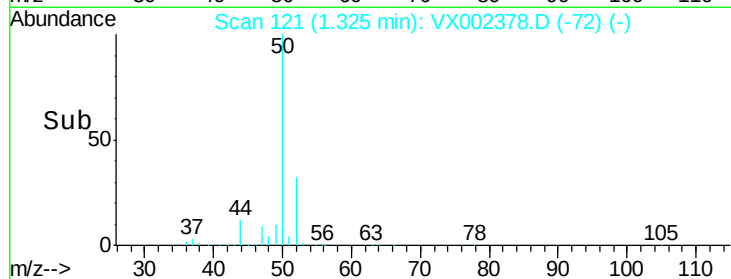
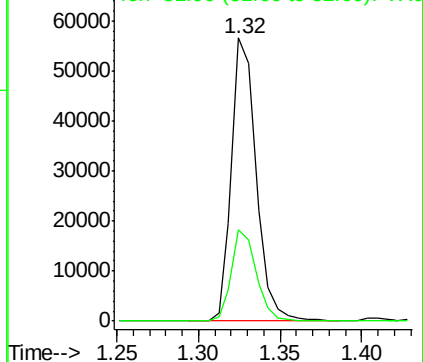
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.580 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002378.D

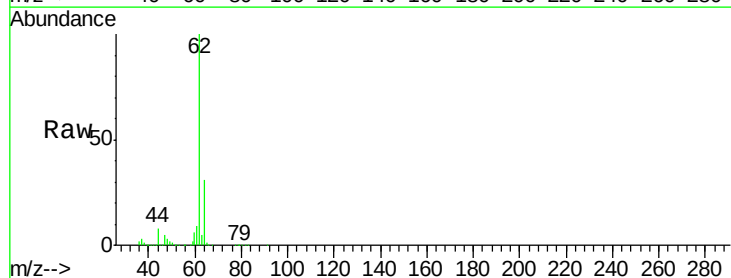
Acq: 07 Jun 2018 15:27

Tgt Ion: 62 Resp: 64356

Ion Ratio Lower Upper

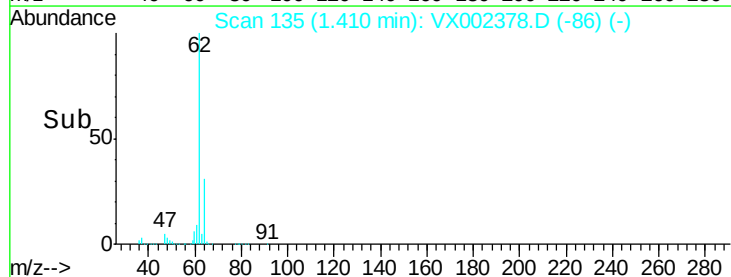
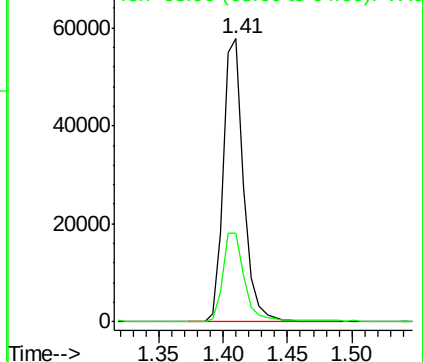
62 100

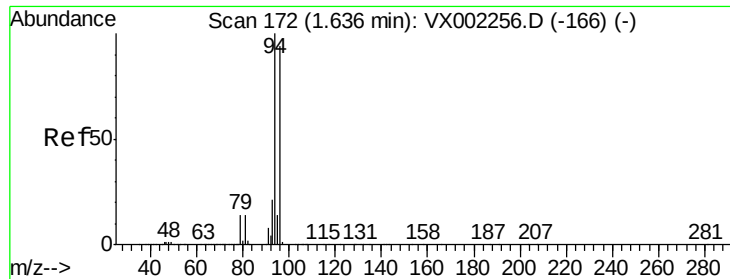
64 31.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.617 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 94 Resp: 38304

Ion Ratio Lower Upper

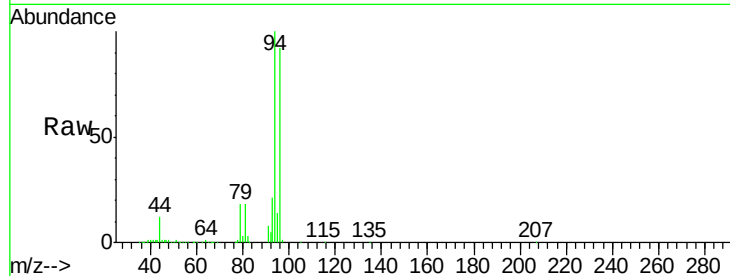
94 100

96 92.1 74.9 112.3

Manual Integrations
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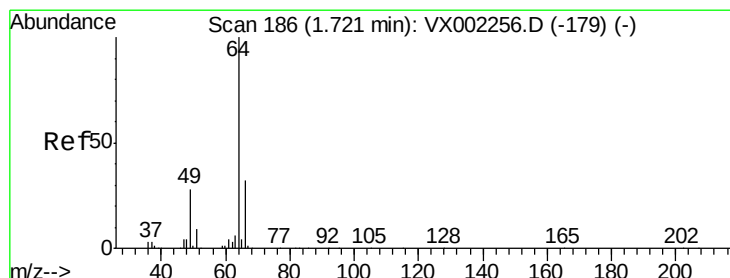
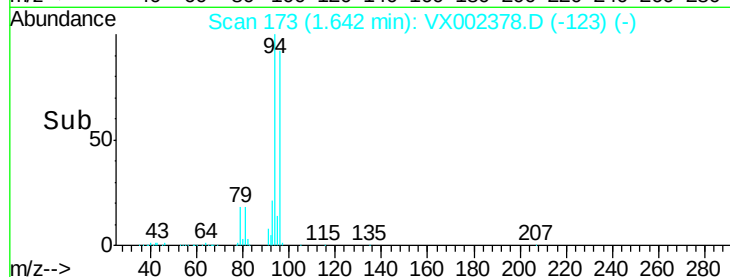
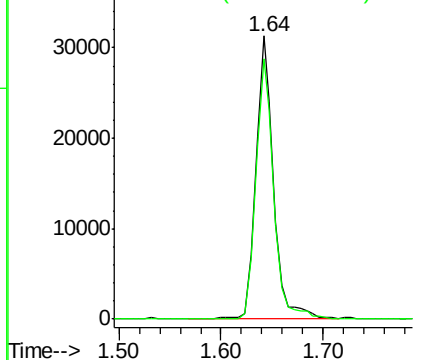
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.241 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002378.D

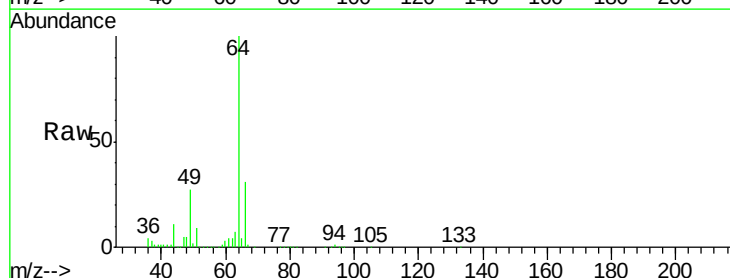
Acq: 07 Jun 2018 15:27

Tgt Ion: 64 Resp: 42967

Ion Ratio Lower Upper

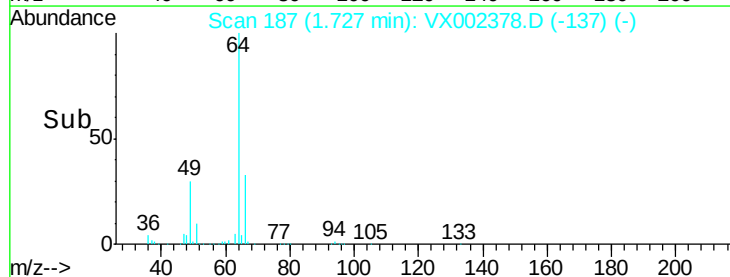
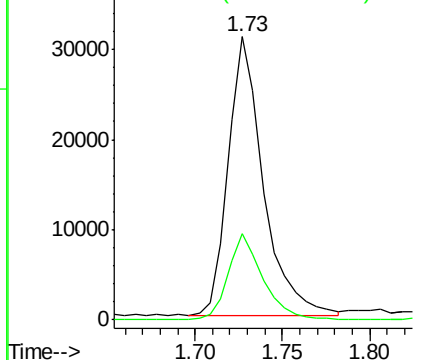
64 100

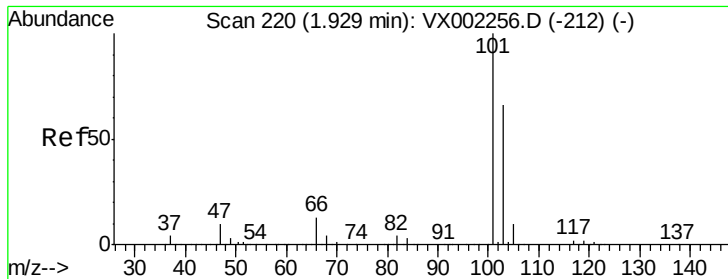
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

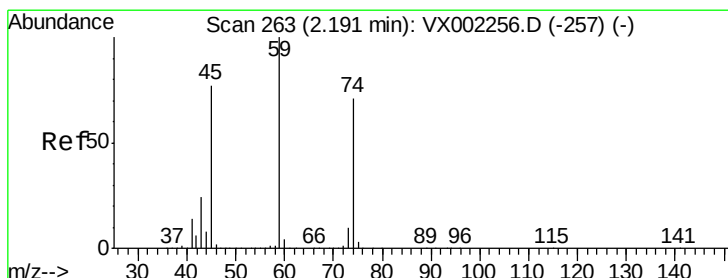
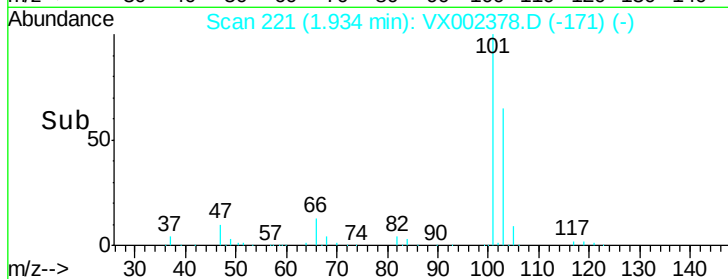
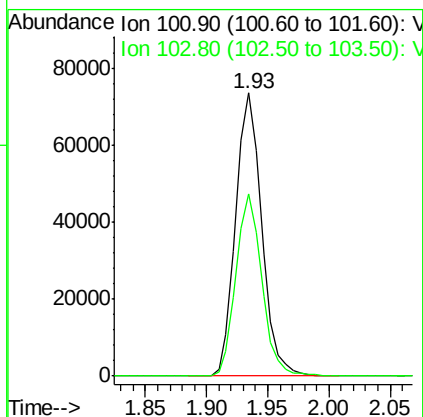
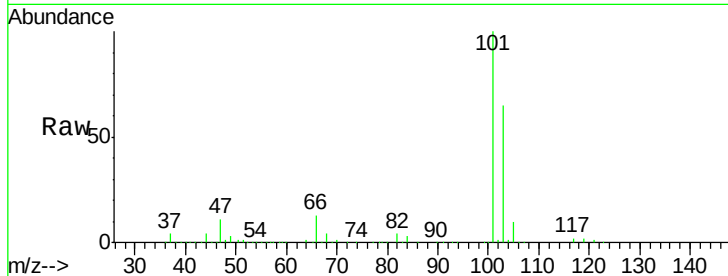
Trichlorofluoromethane
Concen: 22.836 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
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ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	108800		
103	64.6	52.8	79.2	

Manual Integrations
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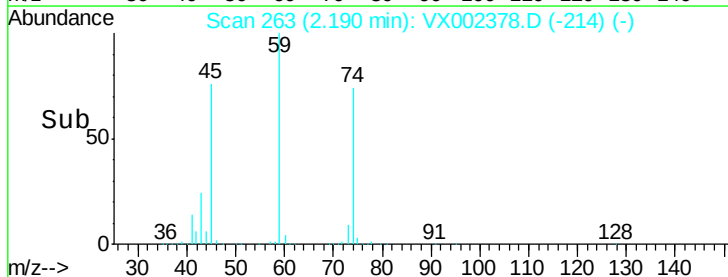
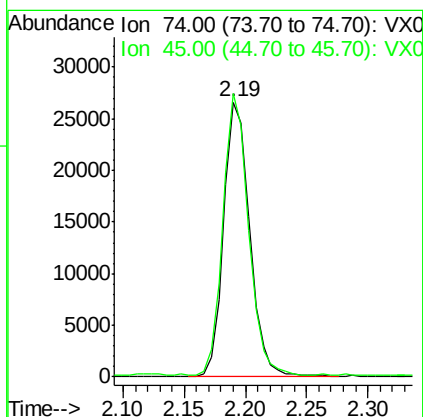
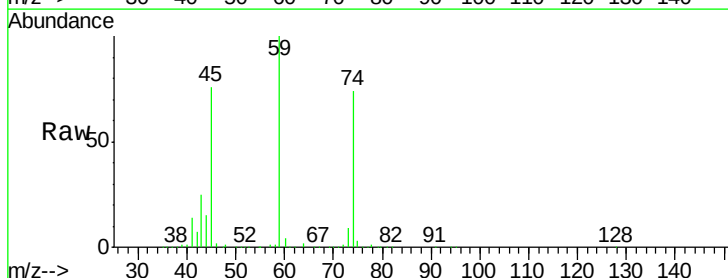
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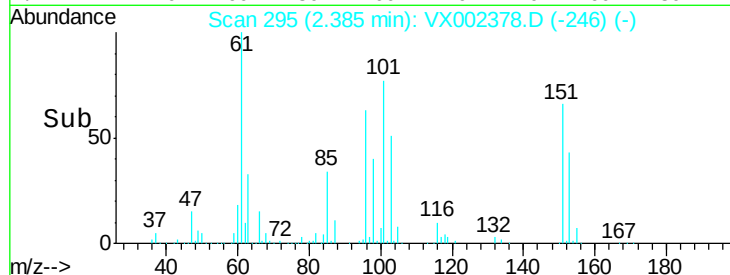
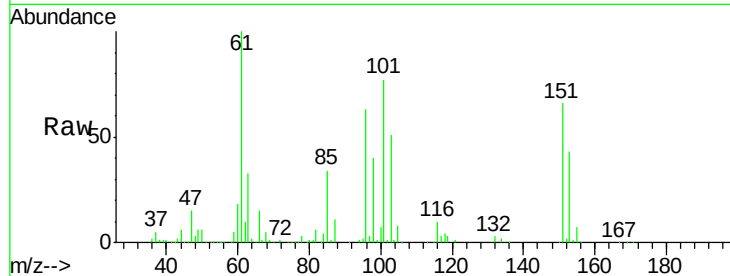
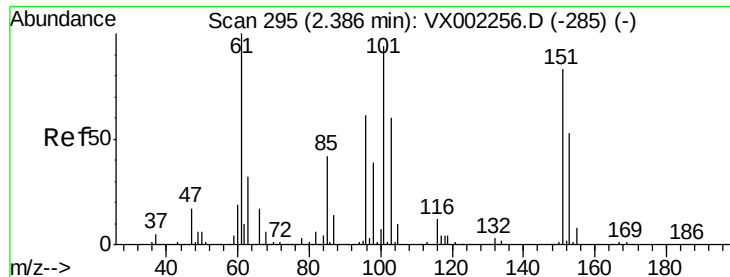


#8

Diethyl Ether
Concen: 21.935 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39416		
45	100.3	53.1	159.4	





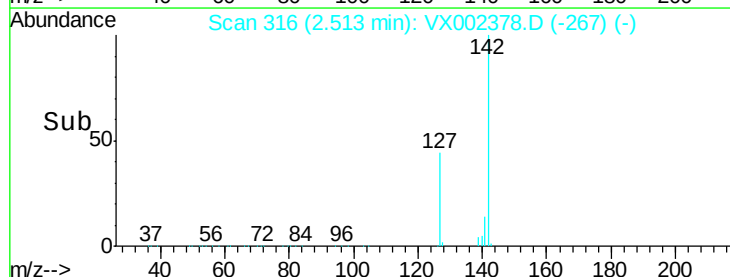
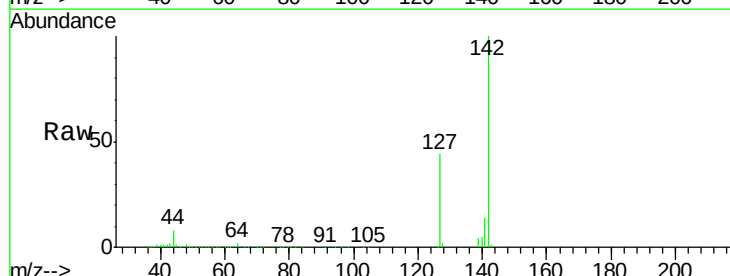
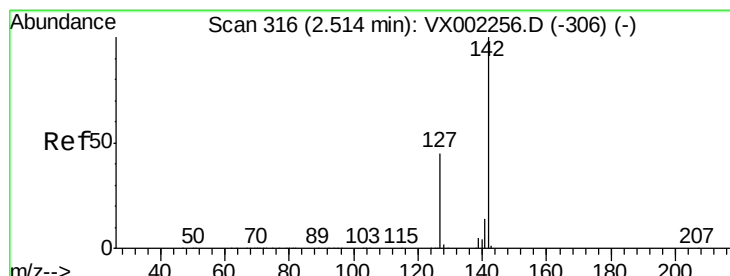
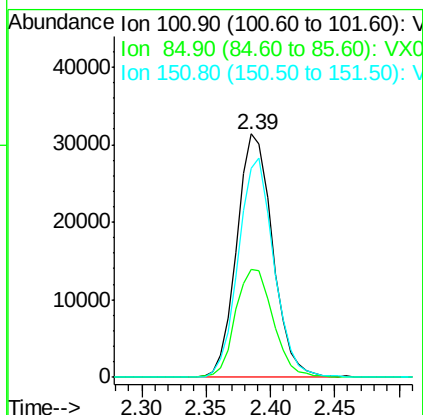
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.577 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion:101 Resp: 60619
Ion Ratio Lower Upper
101 100
85 46.7 36.0 54.0
151 89.0 70.9 106.3

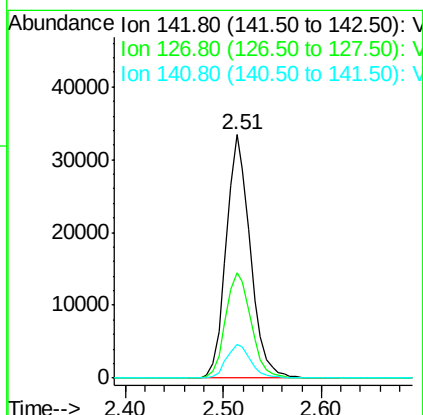
Manual Integrations
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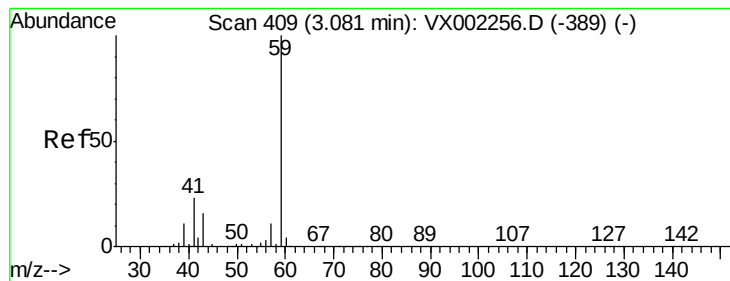
MMDadoda
6/8/2018 1:20:24 PM



#10
Methyl Iodide
Concen: 15.798 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:142 Resp: 57133
Ion Ratio Lower Upper
142 100
127 45.9 36.6 55.0
141 14.2 11.3 16.9





#11

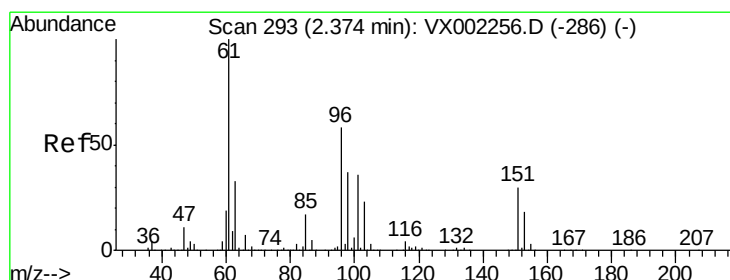
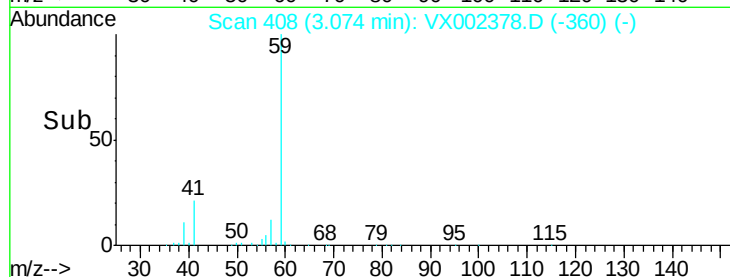
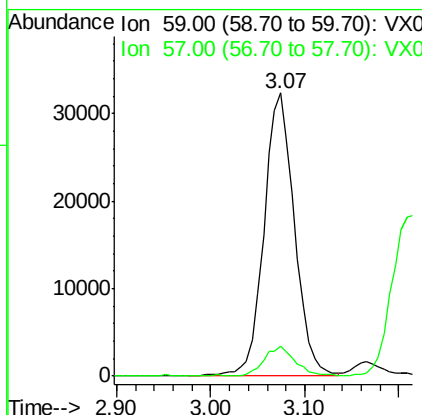
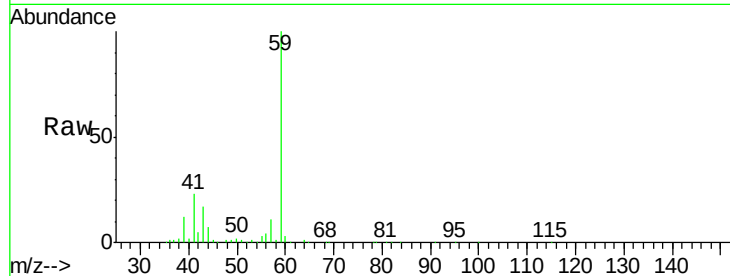
Tert butyl alcohol
 Concen: 92.450 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

Manual Integrations
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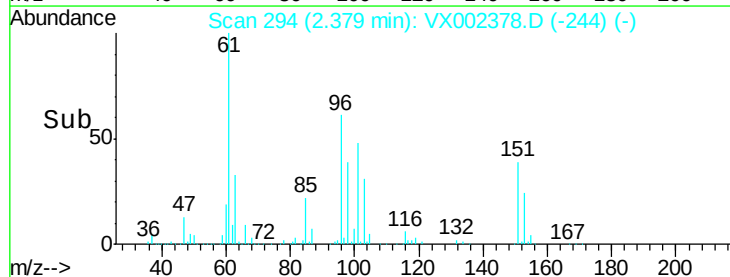
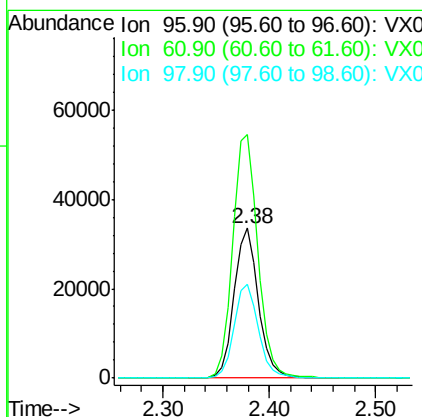
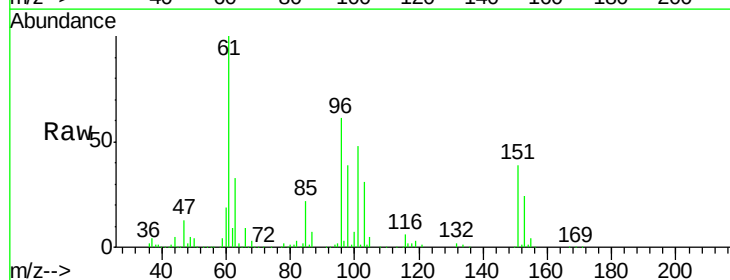
MMDadoda
 6/8/2018 1:20:24 PM

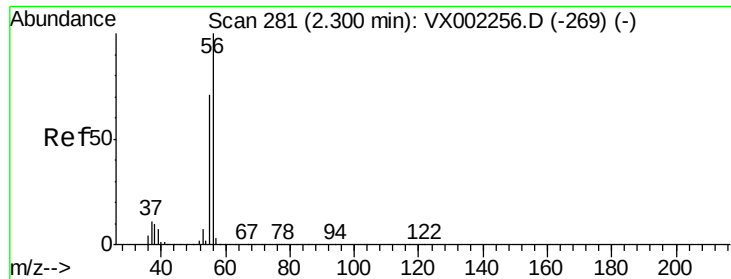


#12

1,1-Dichloroethene
 Concen: 21.223 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	137.9	206.9
98	62.8	51.6	77.4





#13

Acrolein

Concen: 73.736 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 56 Resp: 27320

Ion Ratio Lower Upper

56 100

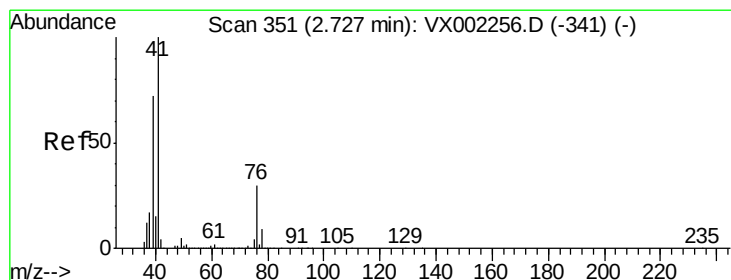
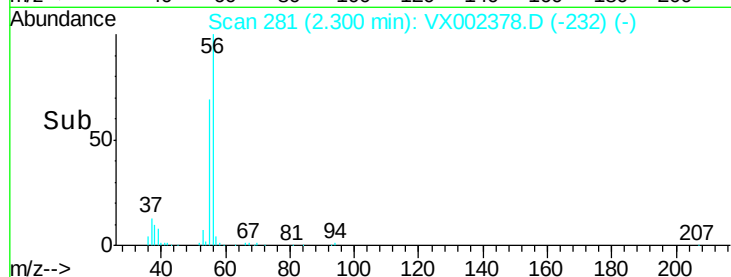
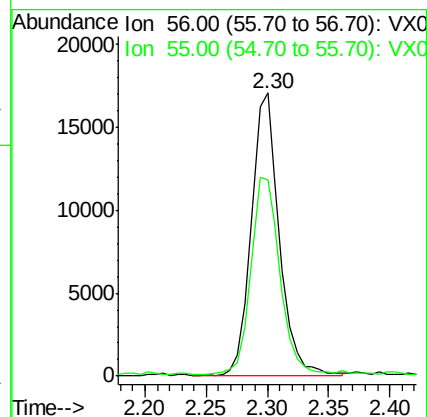
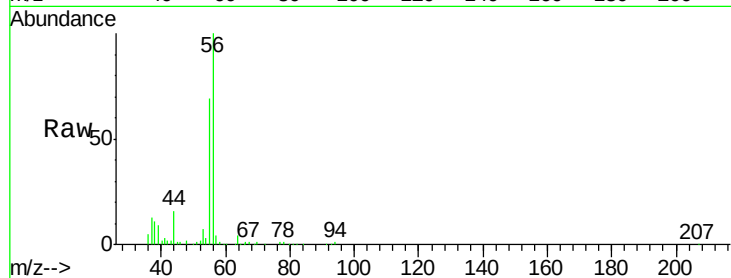
55 70.7 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.099 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

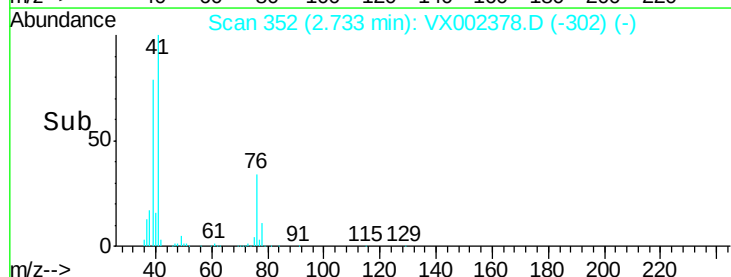
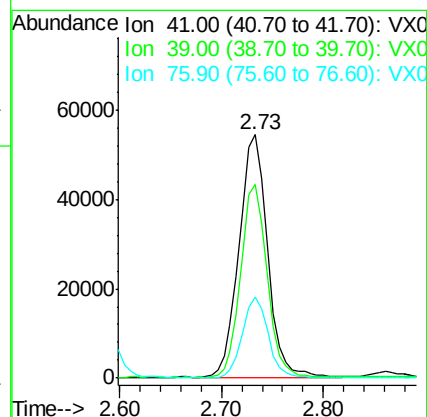
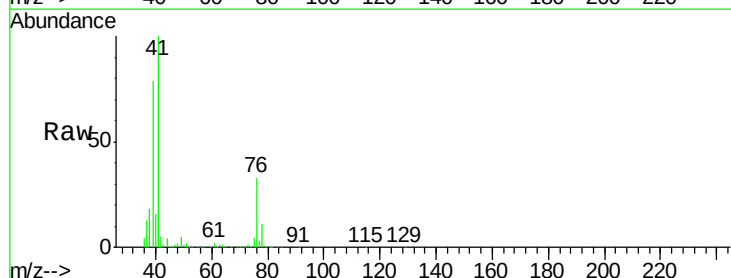
Tgt Ion: 41 Resp: 105318

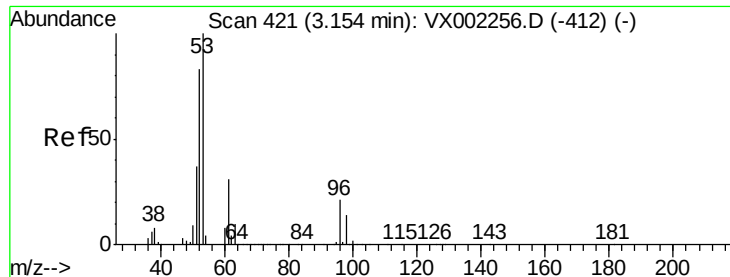
Ion Ratio Lower Upper

41 100

39 72.9 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 105.739 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

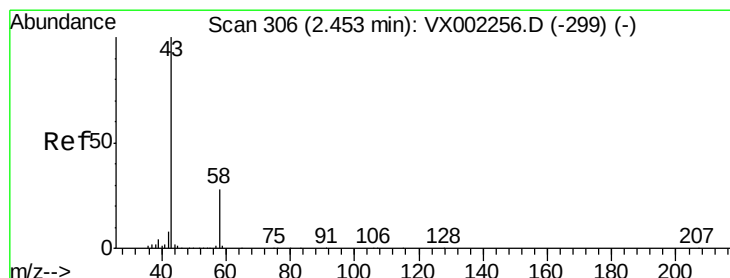
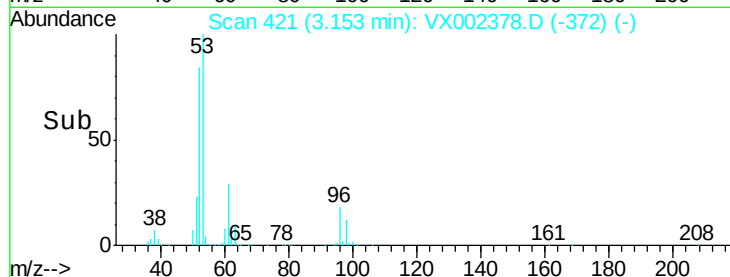
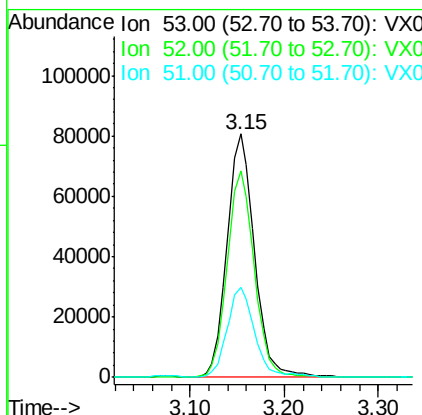
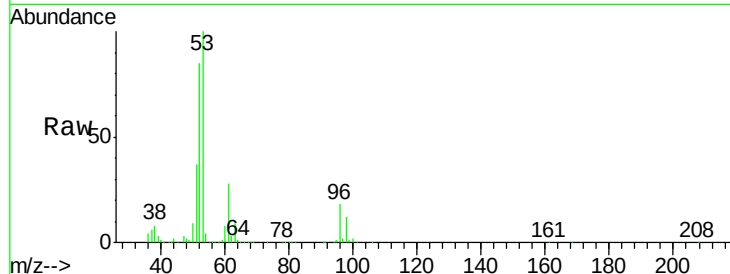
ClientSampleId :

VX0607MBS01

Tgt Ion:	53	Resp:	161720
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.7	100.1
51	37.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 103.406 ug/l

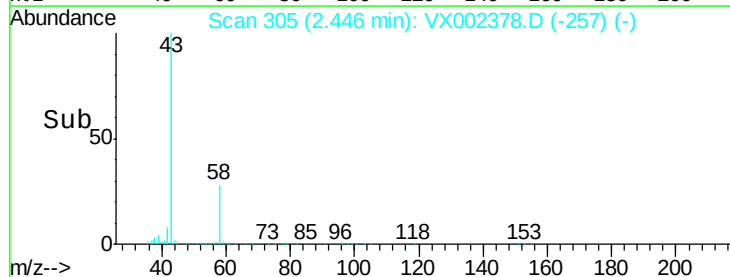
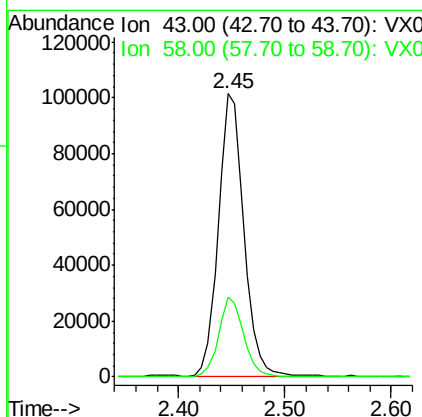
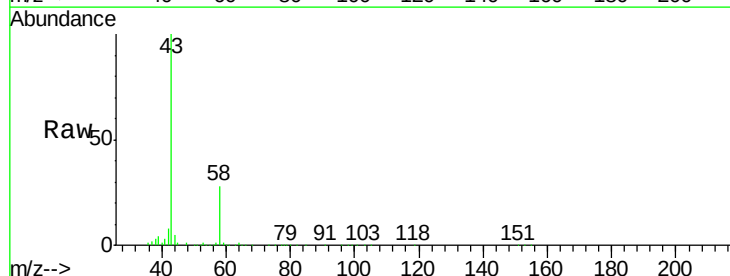
RT: 2.45 min Scan# 305

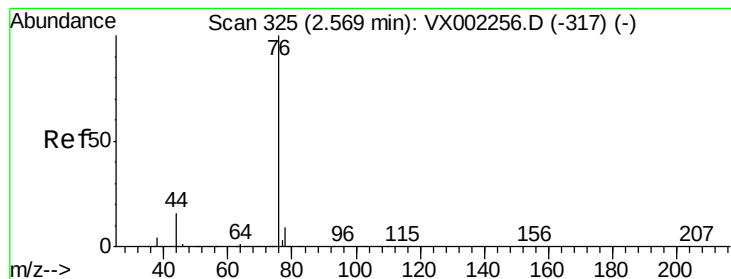
Delta R.T. -0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Tgt Ion:	43	Resp:	168293
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.1	33.1





#17

Carbon Disulfide

Concen: 17.413 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 76 Resp: 116612

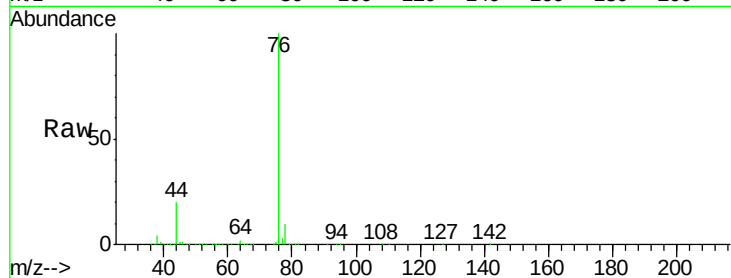
Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

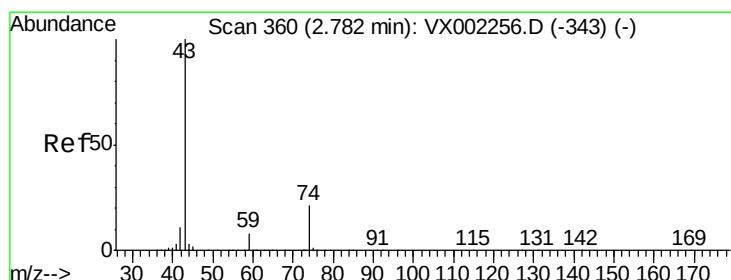
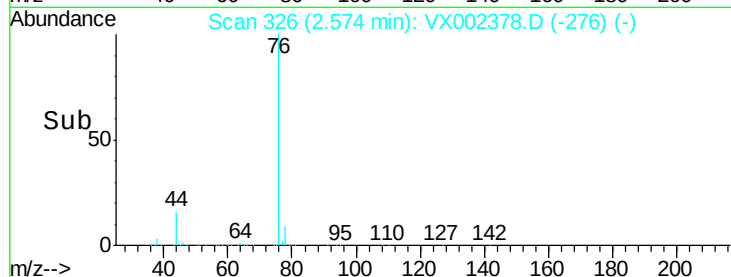
40000

20000

0

Time-->

2.50 2.55 2.60 2.65 2.70



#18

Methyl Acetate

Concen: 21.624 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002378.D

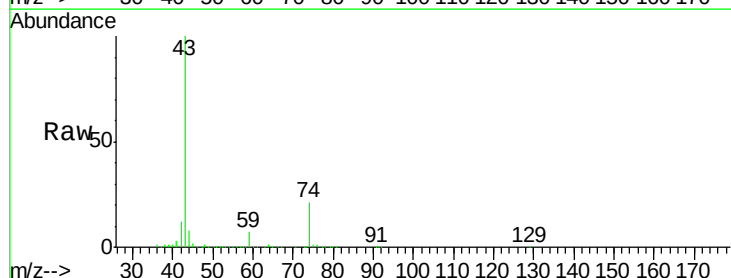
Acq: 07 Jun 2018 15:27

Tgt Ion: 43 Resp: 79176

Ion Ratio Lower Upper

43 100

74 22.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

30000

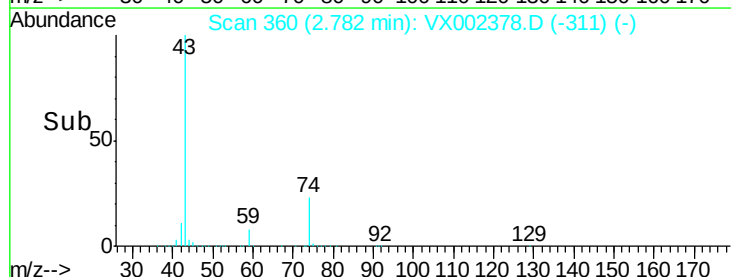
20000

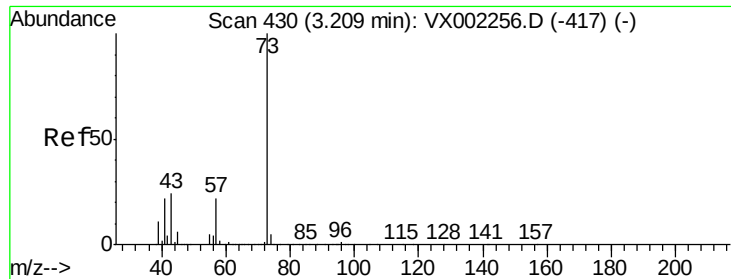
10000

0

Time-->

2.70 2.80 2.90





#19

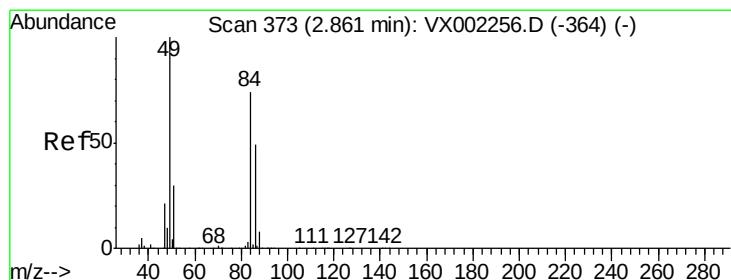
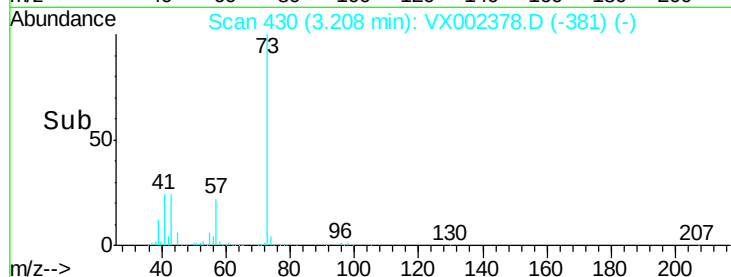
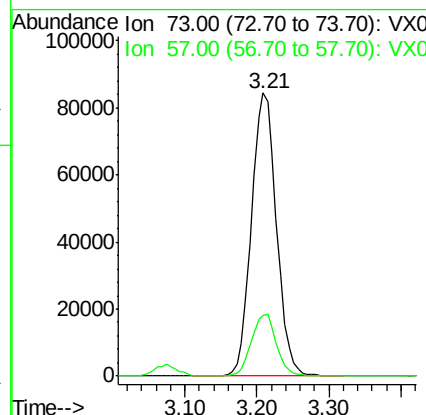
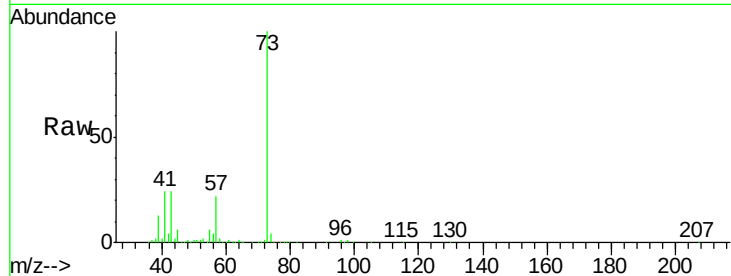
Methyl tert-butyl Ether
Concen: 21.637 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

Manual Integrations
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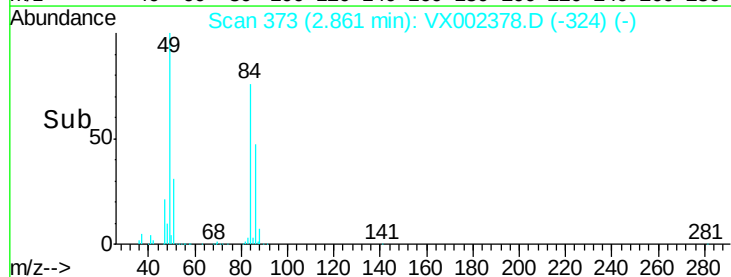
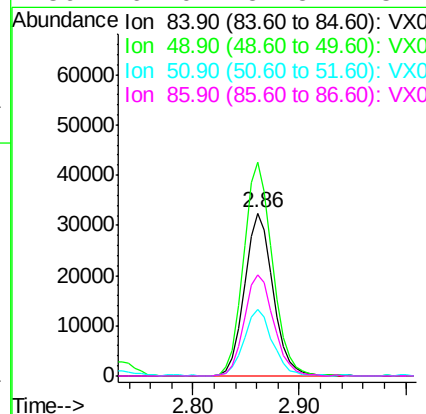
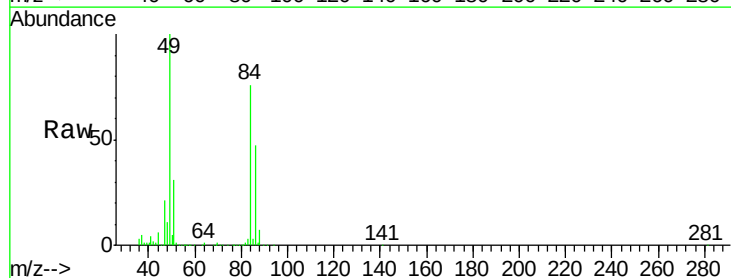
MMDadoda
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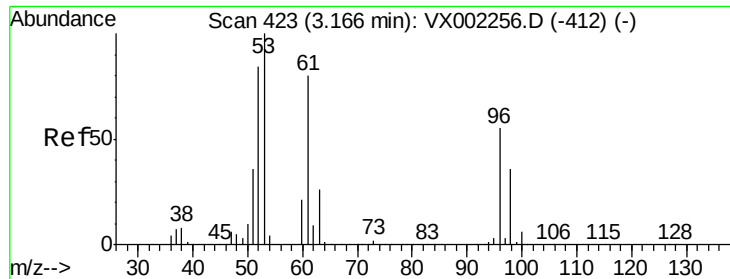


#20

Methylene Chloride
Concen: 21.069 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.7	107.8	161.6
51	40.6	32.8	49.2
86	62.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 20.430 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

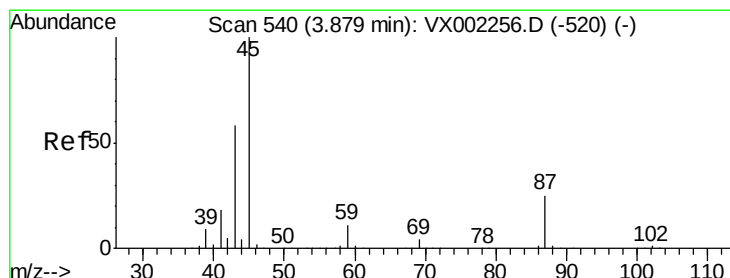
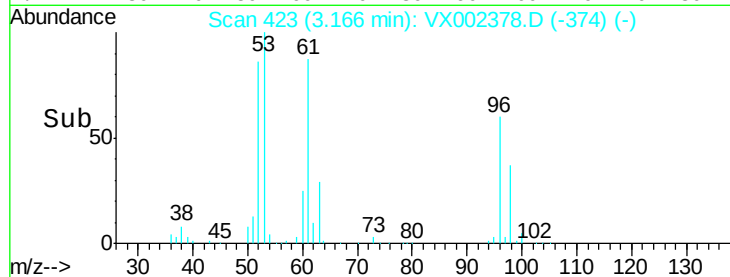
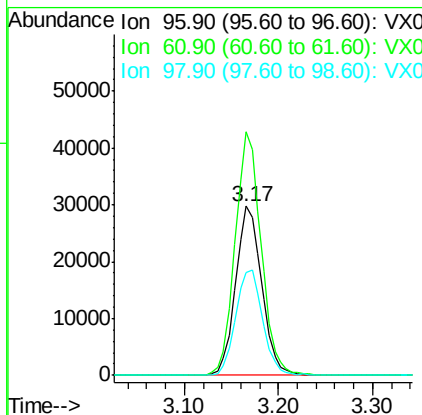
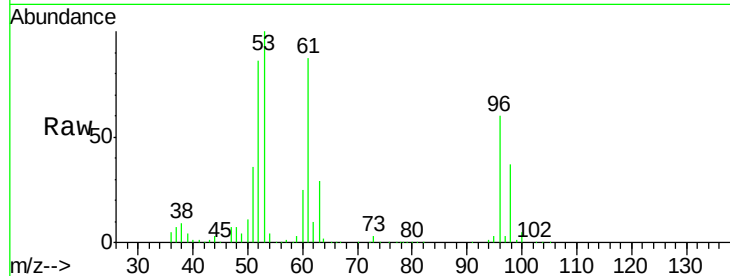
ClientSampleId :

VX0607MBS01

Tgt Ion:	96	Resp:	57247
Ion Ratio	Lower	Upper	
96	100		
61	143.6	117.0	175.4
98	60.9	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.148 ug/l

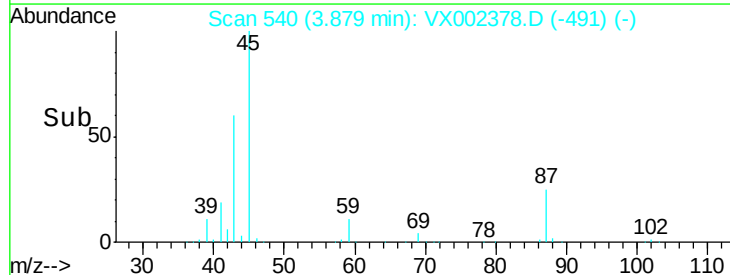
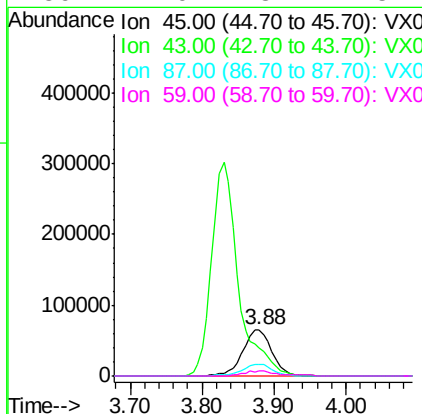
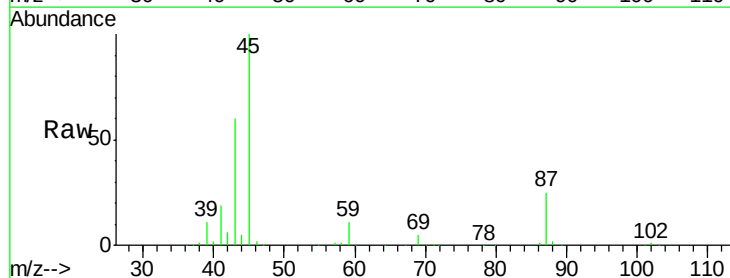
RT: 3.88 min Scan# 540

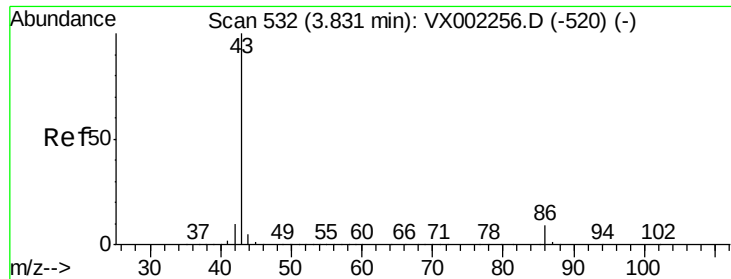
Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Tgt Ion:	45	Resp:	184850
Ion Ratio	Lower	Upper	
45	100		
43	60.0	46.8	70.2
87	25.3	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 87.714 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 43 Resp: 784090

Ion Ratio Lower Upper

43 100

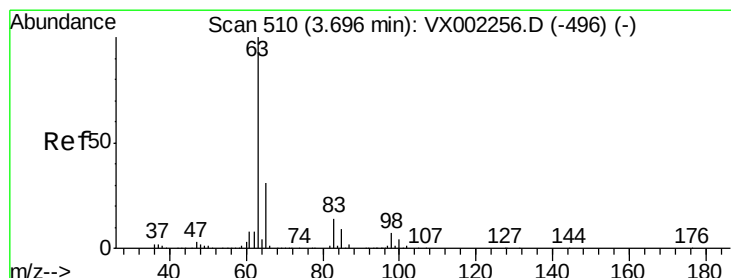
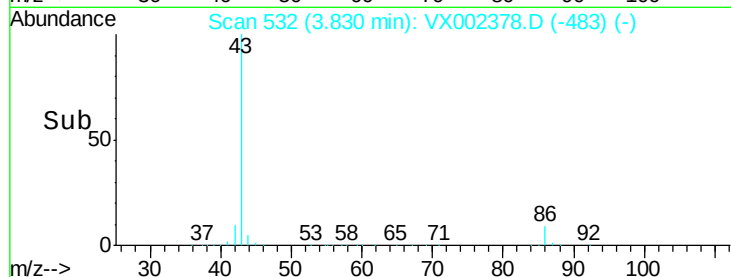
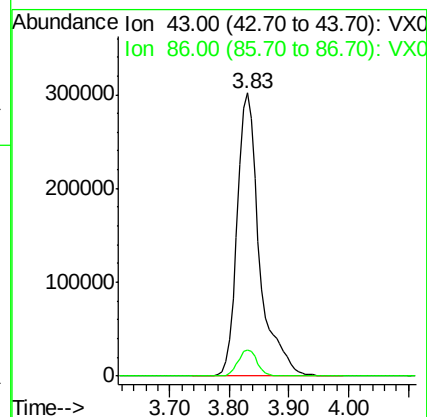
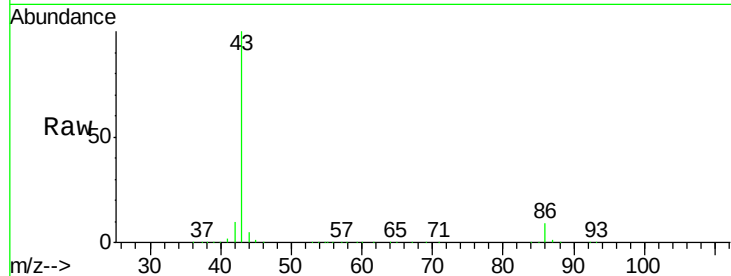
86 9.0 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 20.134 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

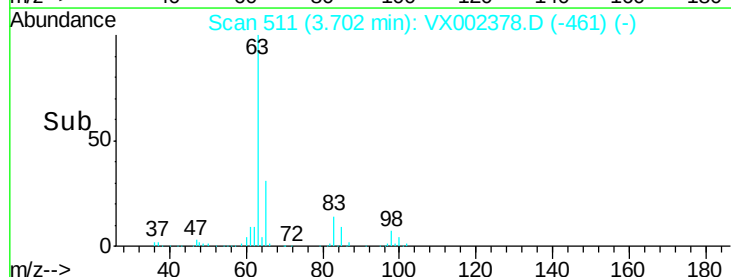
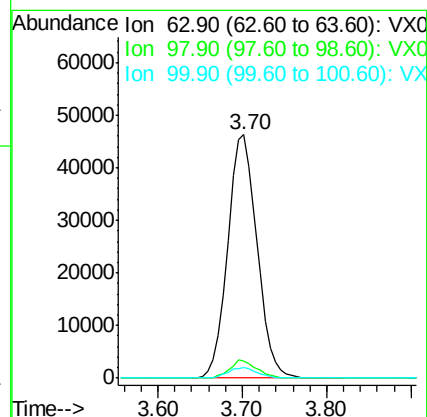
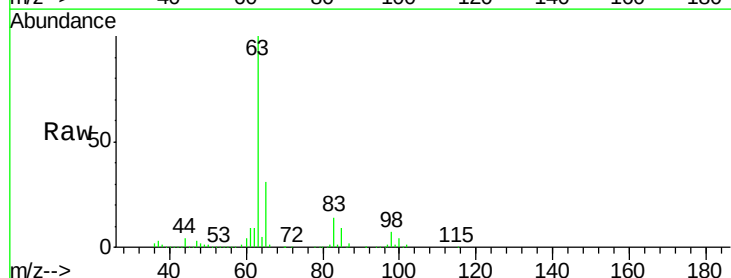
Tgt Ion: 63 Resp: 109732

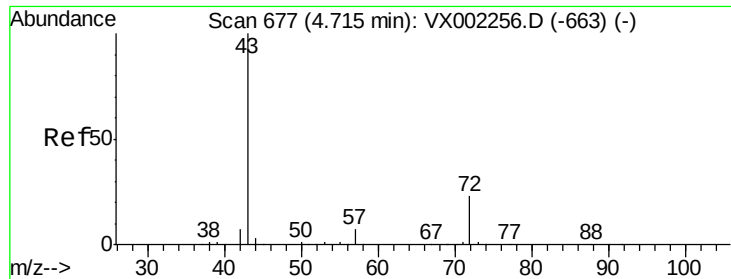
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 90.592 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 43 Resp: 212009

Ion Ratio Lower Upper

43 100

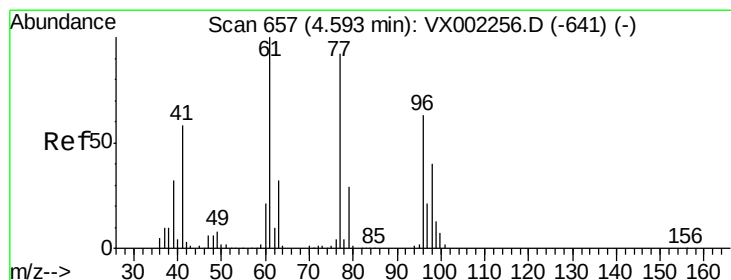
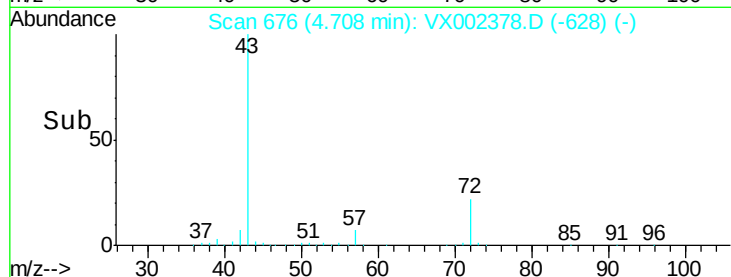
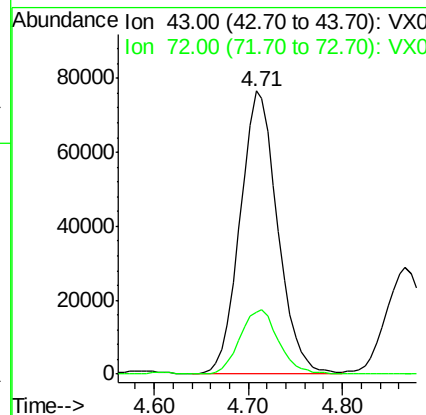
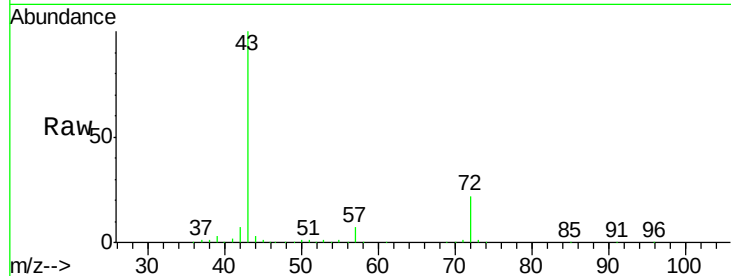
72 21.9 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.243 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002378.D

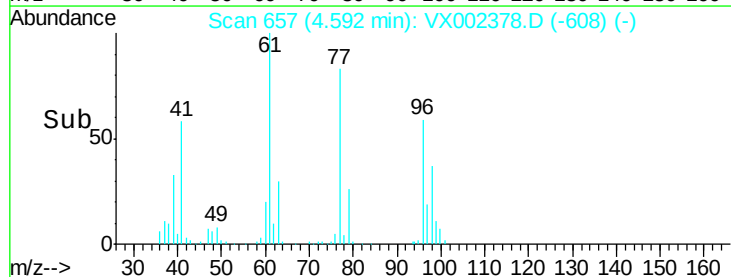
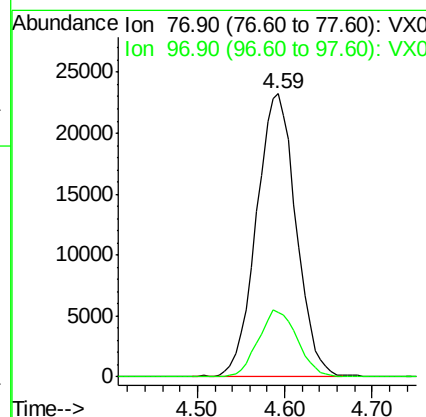
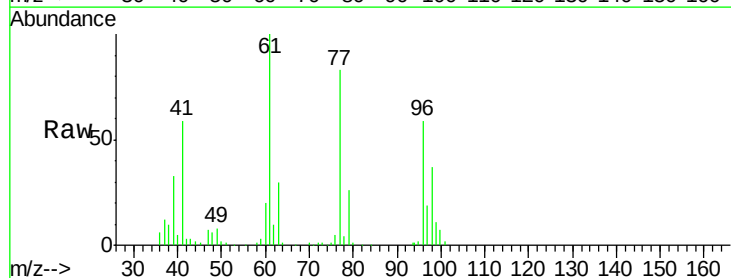
Acq: 07 Jun 2018 15:27

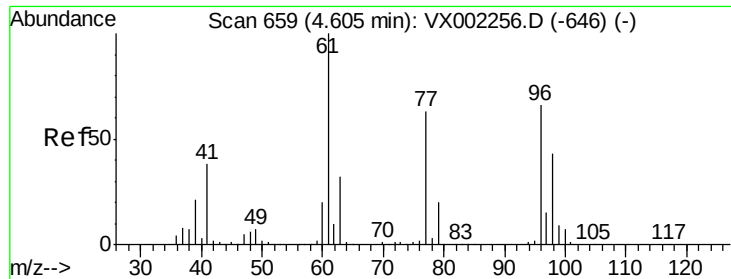
Tgt Ion: 77 Resp: 73460

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

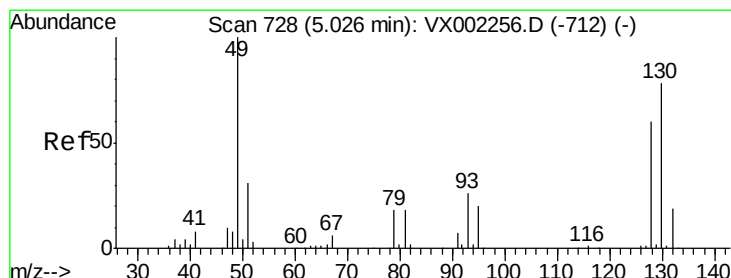
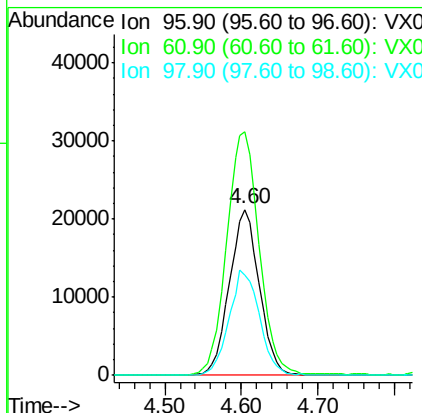
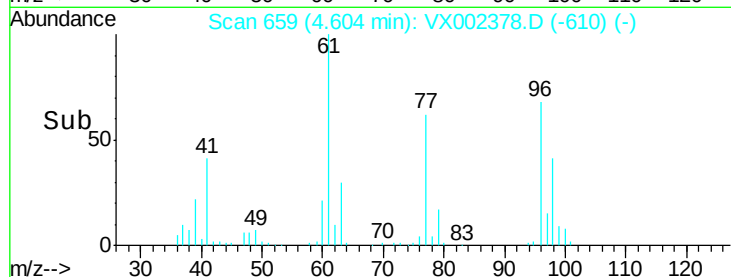
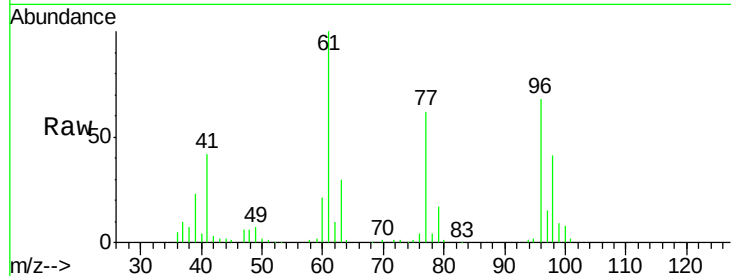
cis-1,2-Dichloroethene
Concen: 18.899 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	330.2
98	63.9	0.0	130.2

Manual Integrations
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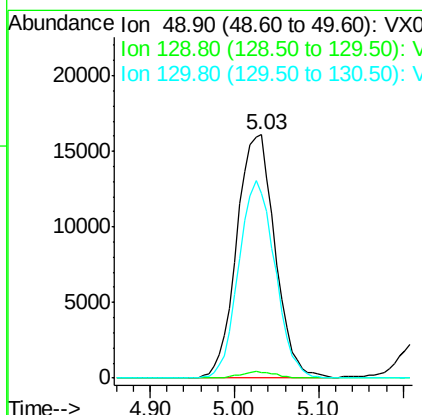
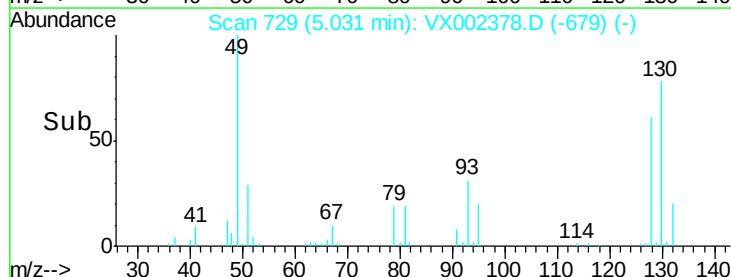
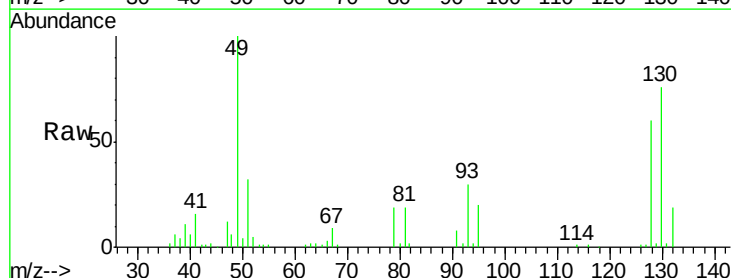
MMDadoda
6/8/2018 1:20:24 PM

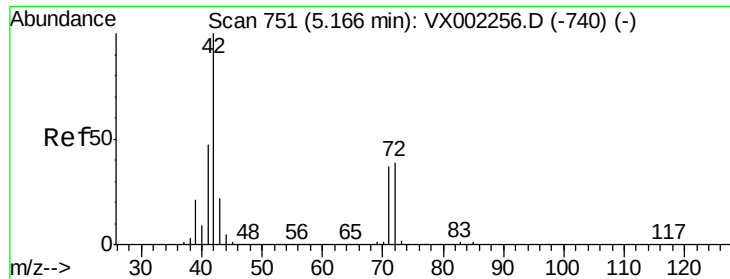


#28

Bromochloromethane
Concen: 19.211 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	76.9	61.2	91.8





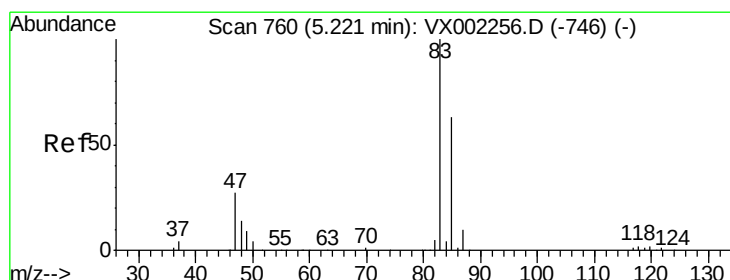
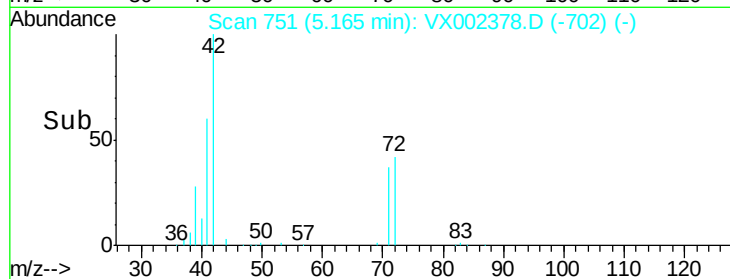
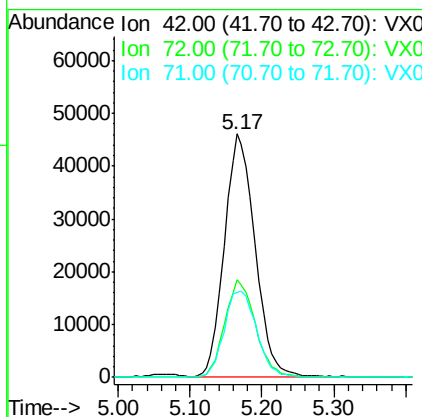
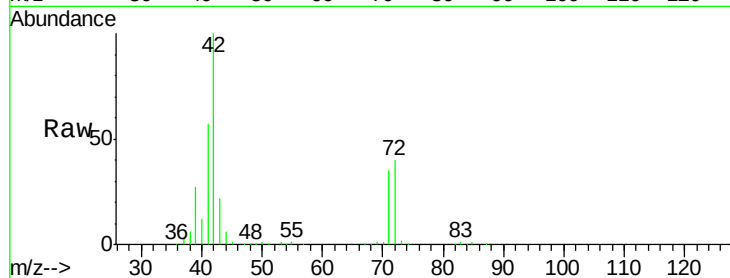
#29
Tetrahydrofuran
Concen: 89.795 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.0	48.0
71	37.8	30.1	45.1

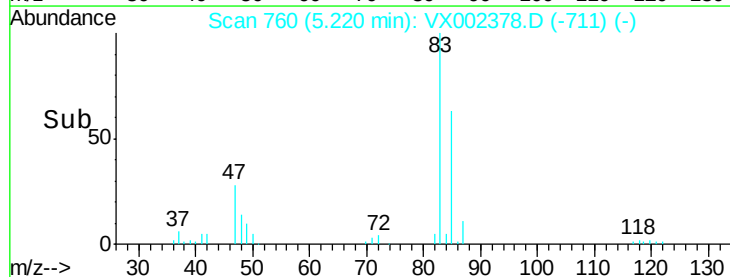
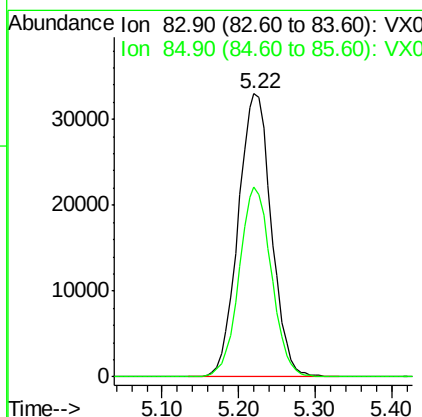
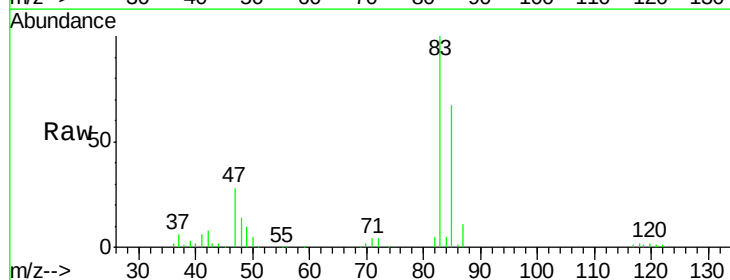
Manual Integrations
APPROVED

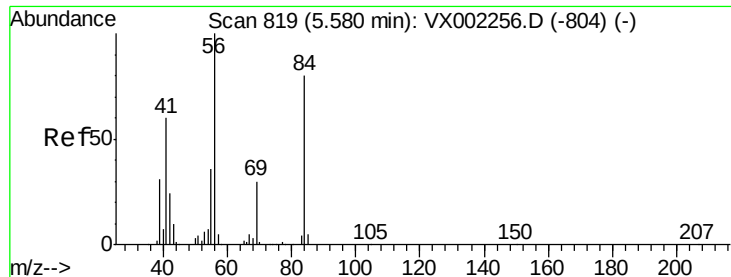
MMDadoda
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#30
Chloroform
Concen: 18.878 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.4	75.6





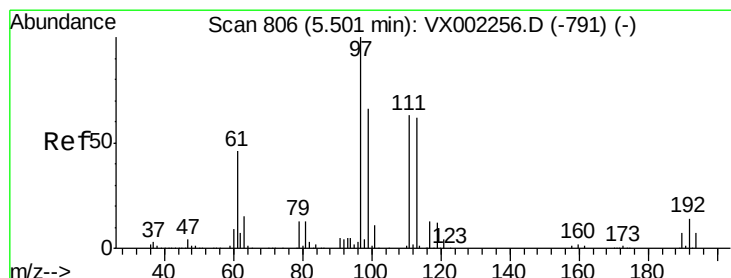
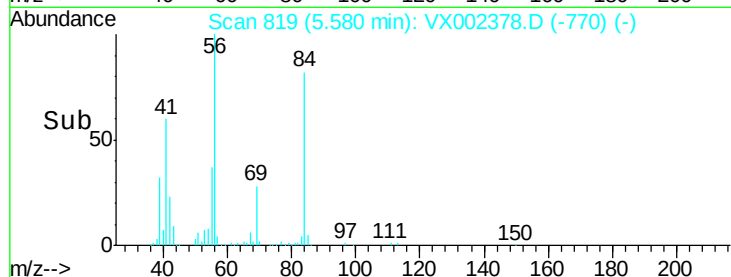
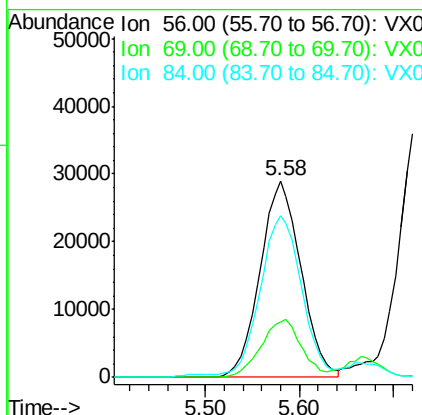
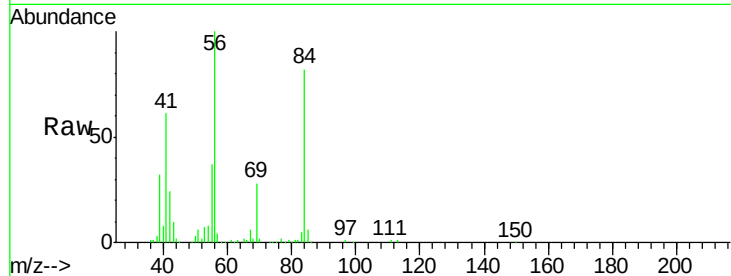
#31
Cyclohexane
Concen: 20.395 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.7	35.5
84	80.6	64.1	96.1

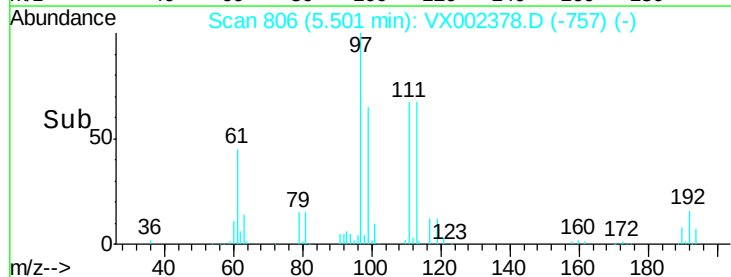
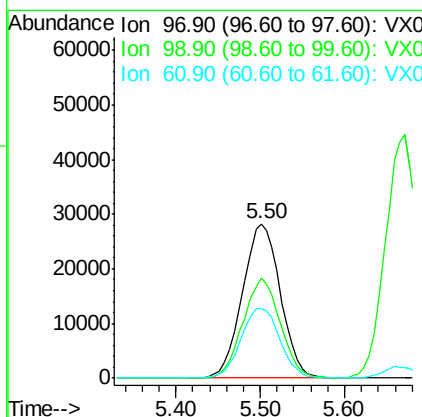
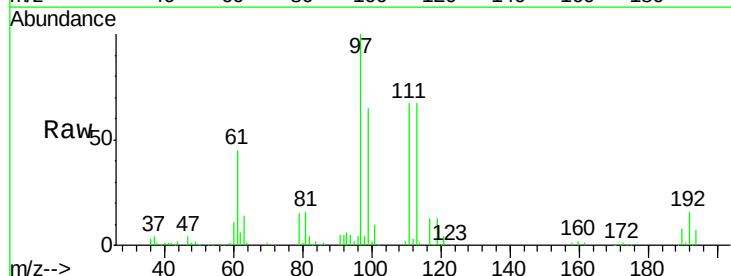
Manual Integrations
APPROVED

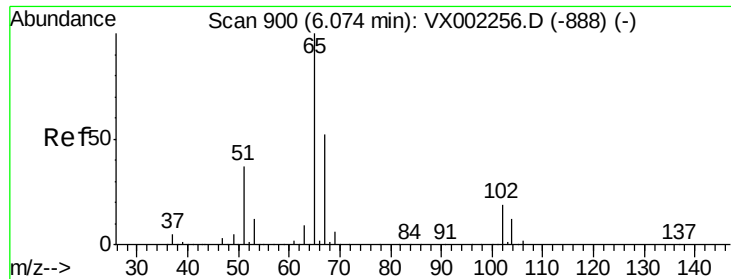
MMDadoda
6/8/2018 1:20:24 PM



#32
1,1,1-Trichloroethane
Concen: 19.287 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	46.8	36.4	54.6





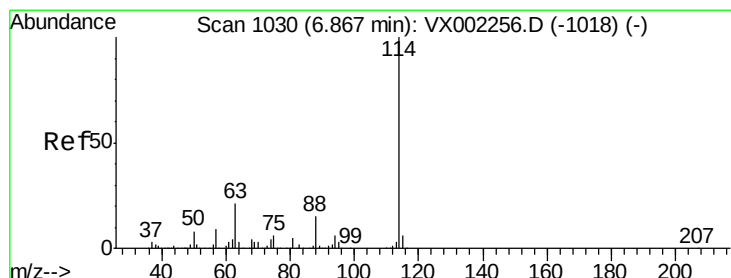
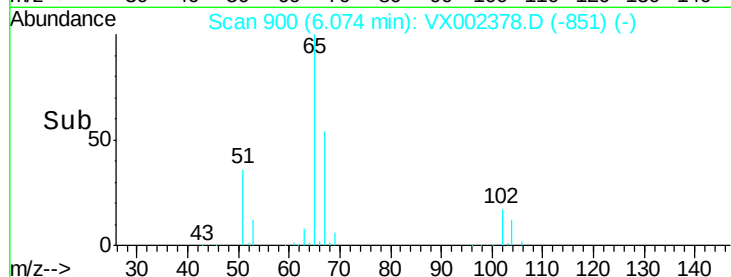
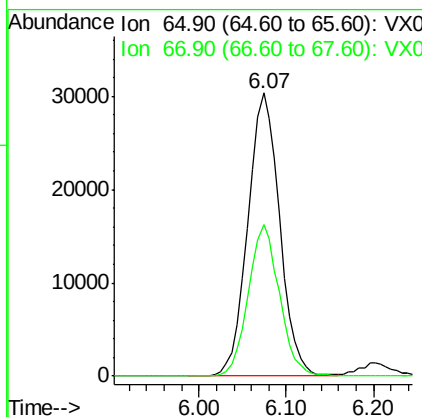
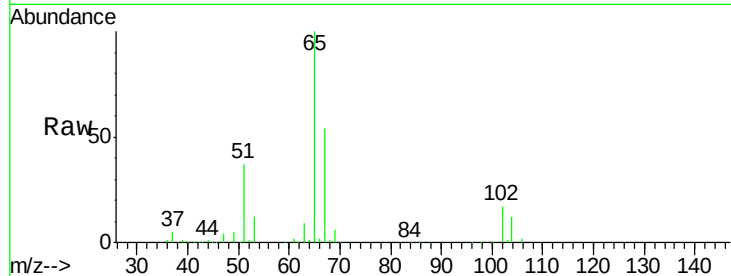
#33
 1,2-Dichloroethane-d4
 Concen: 20.468 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion: 65 Resp: 76832
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6

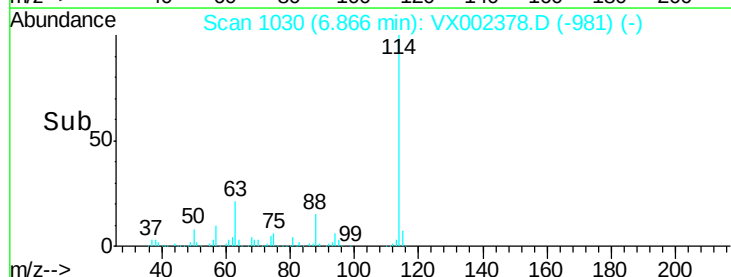
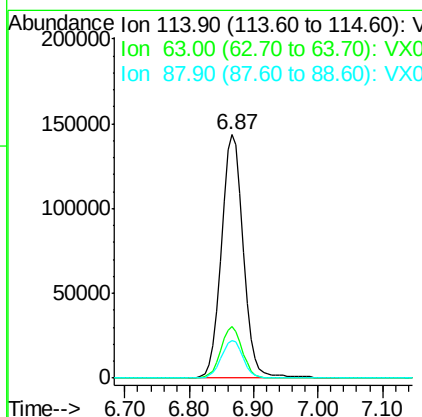
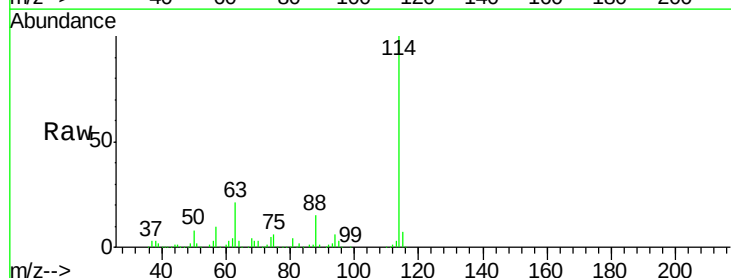
Manual Integrations
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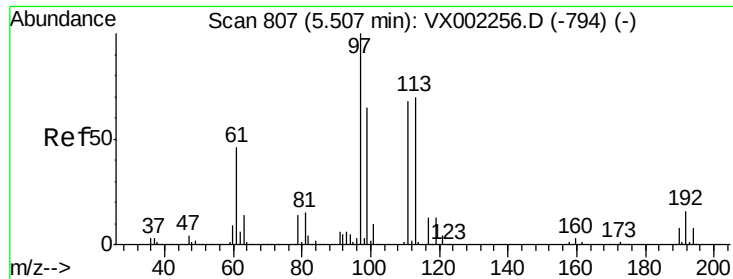
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 114 Resp: 347049
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.2 0.0 30.0





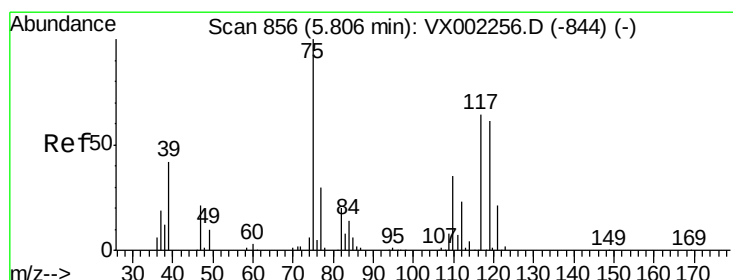
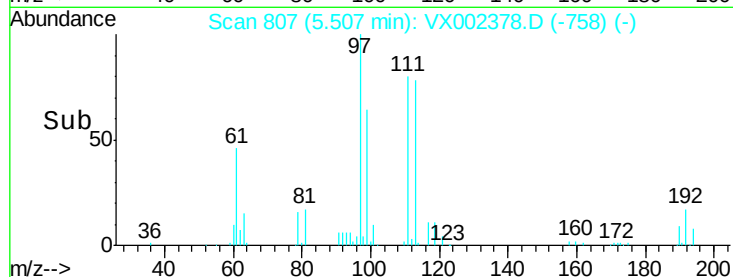
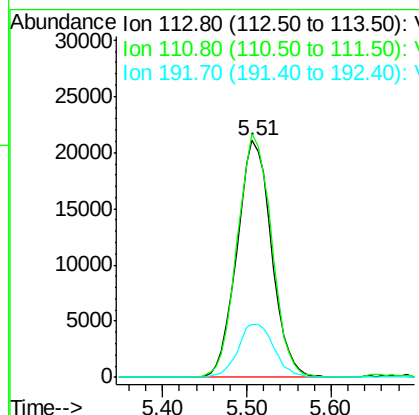
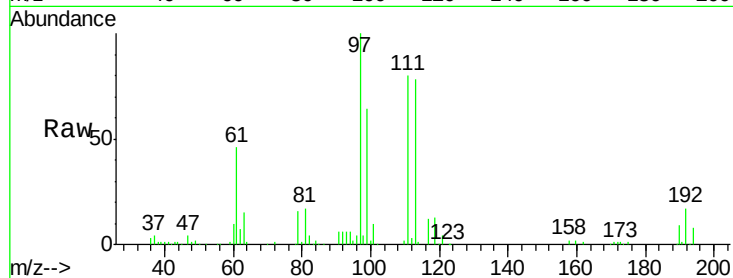
#35
Dibromofluoromethane
Concen: 21.390 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	58378		
111	102.4	81.4	122.0	
192	23.5	19.1	28.7	

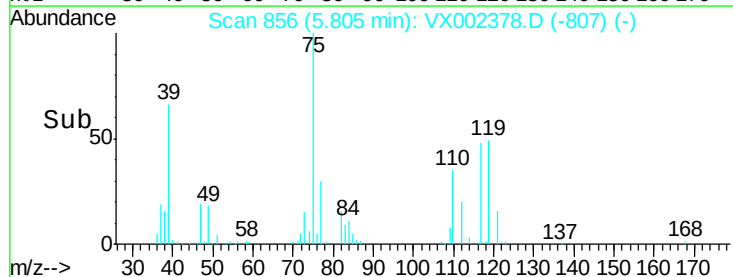
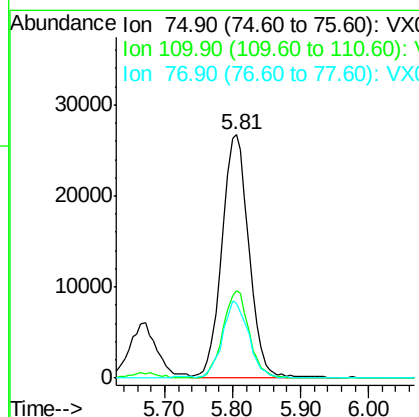
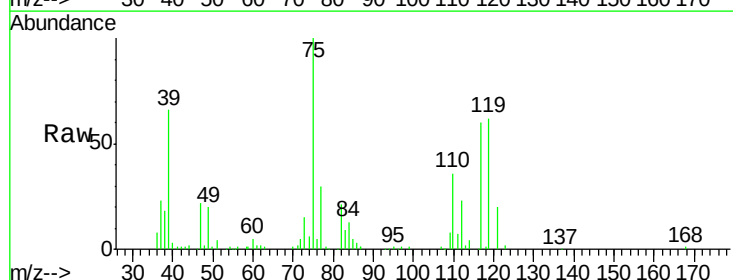
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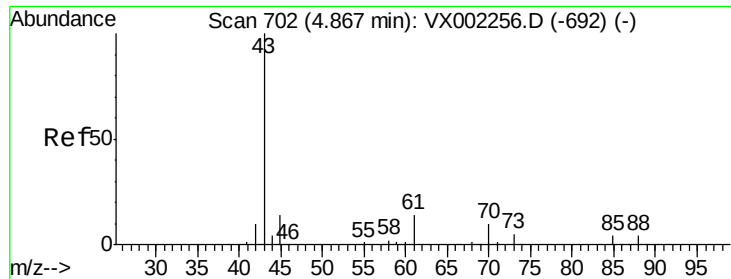
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#36
1,1-Dichloropropene
Concen: 20.023 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73054		
110	35.1	18.1	54.4	
77	30.3	24.3	36.5	





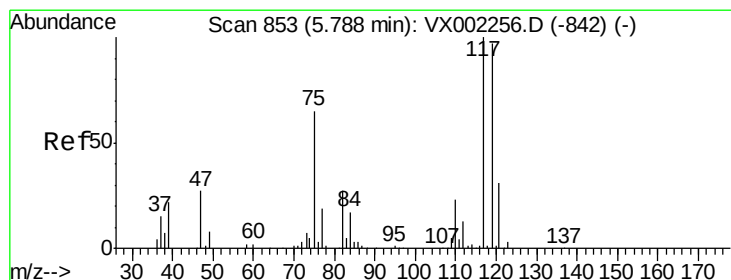
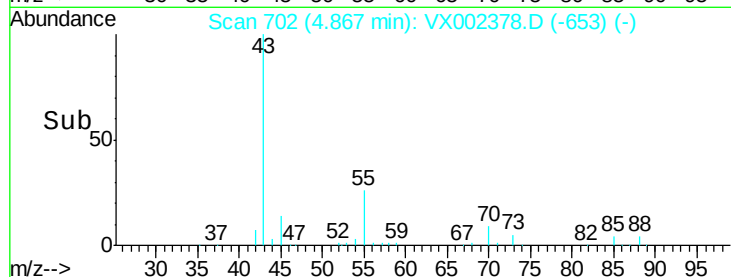
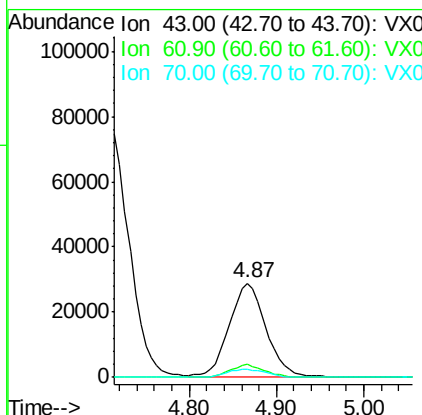
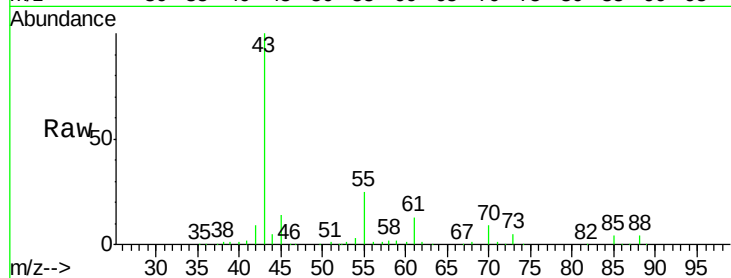
#37
Ethyl Acetate
Concen: 18.953 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.4	7.6	11.4

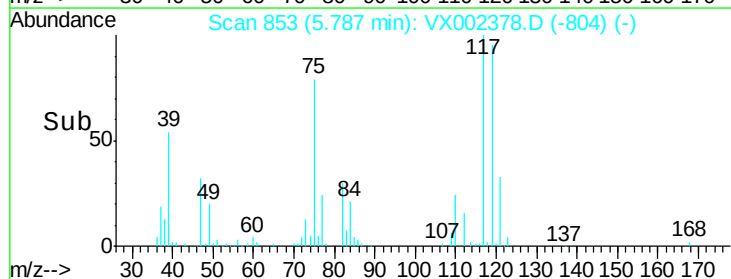
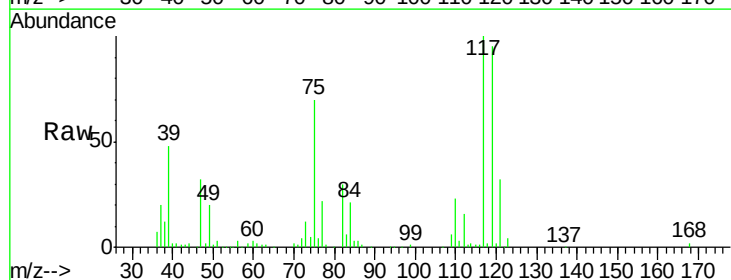
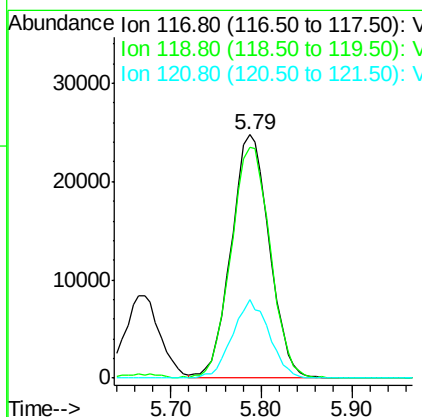
Manual Integrations
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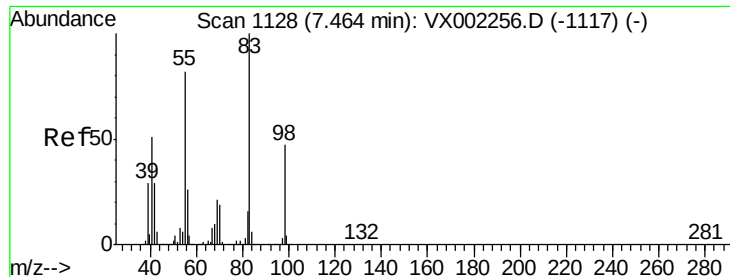
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#38
Carbon Tetrachloride
Concen: 18.943 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
121	32.2	24.4	36.6





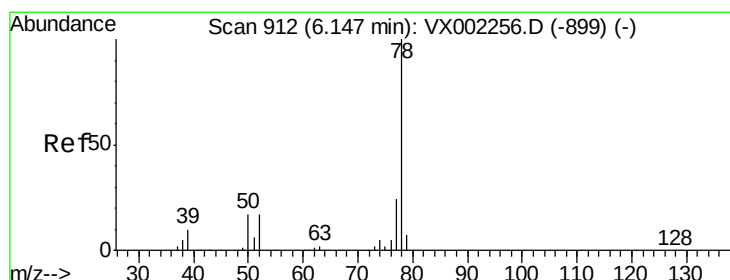
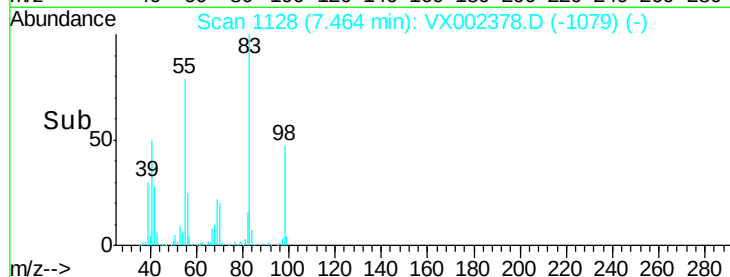
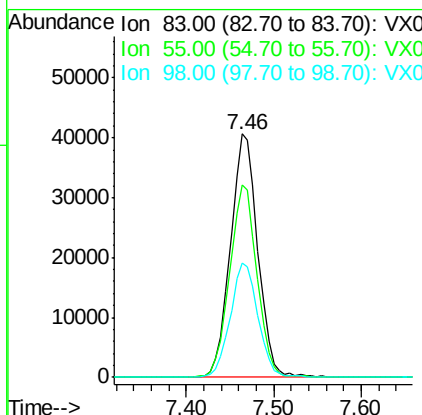
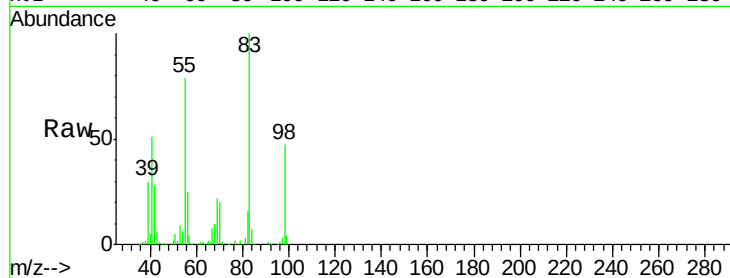
#39
Methylcyclohexane
Concen: 19.763 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	65.4	98.0
98	47.0	37.4	56.0

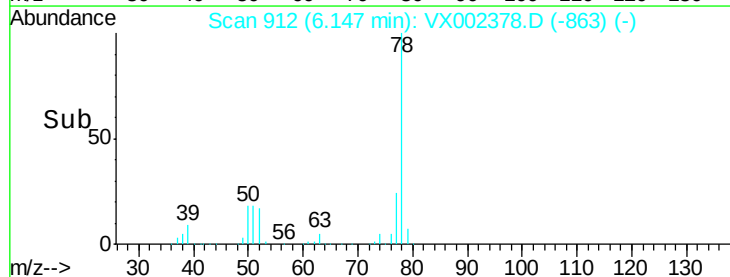
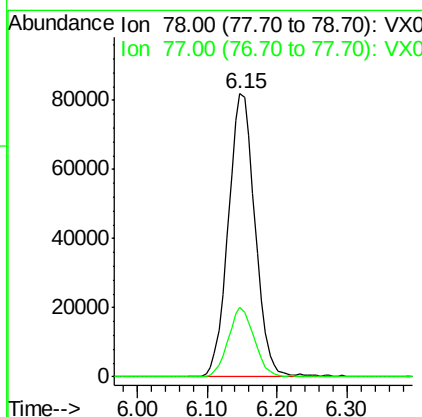
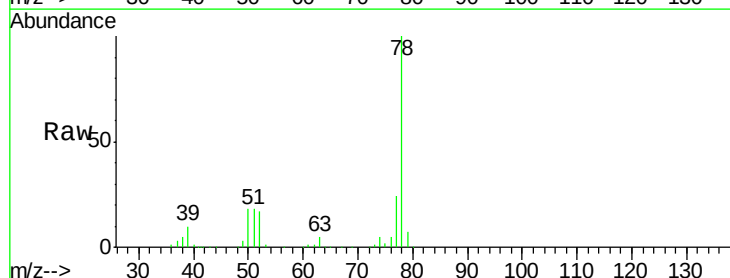
Manual Integrations
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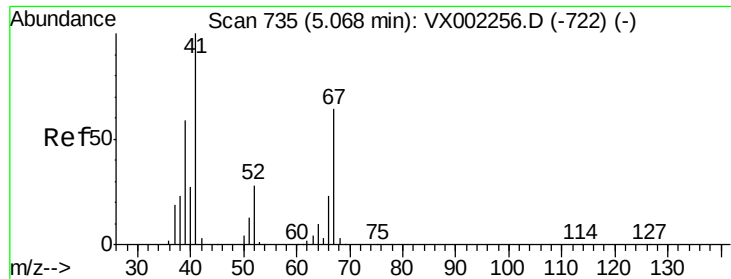
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#40
Benzene
Concen: 19.496 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





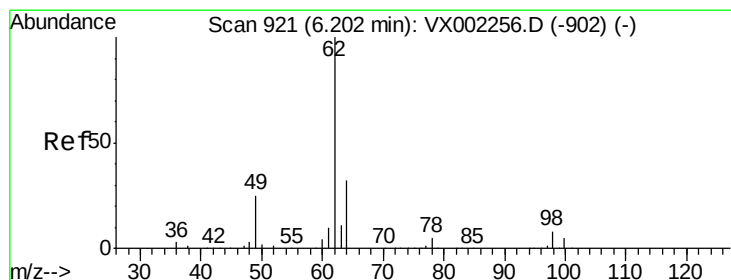
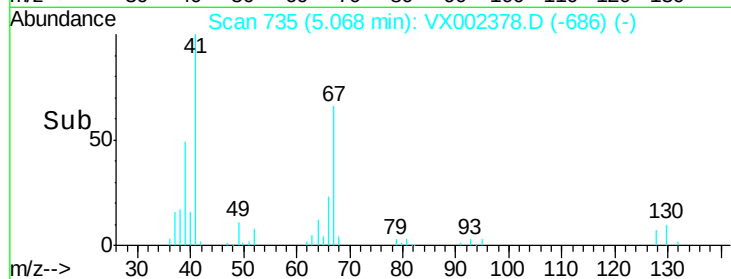
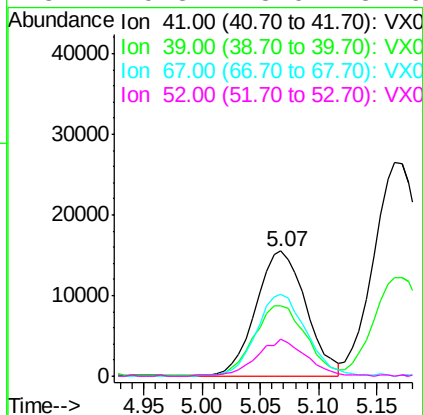
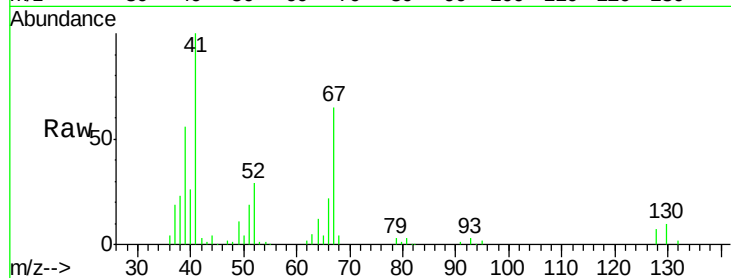
#41
Methacrylonitrile
Concen: 18.588 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.8	68.6
67	64.9	51.3	76.9
52	29.3	23.0	34.6

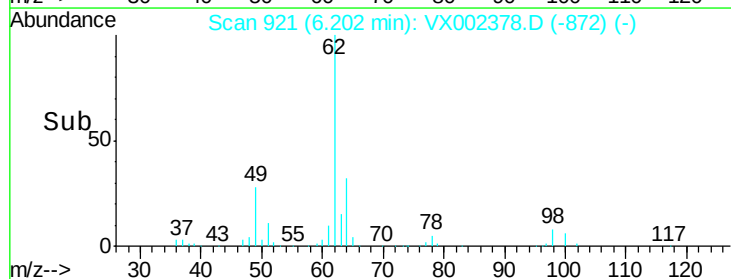
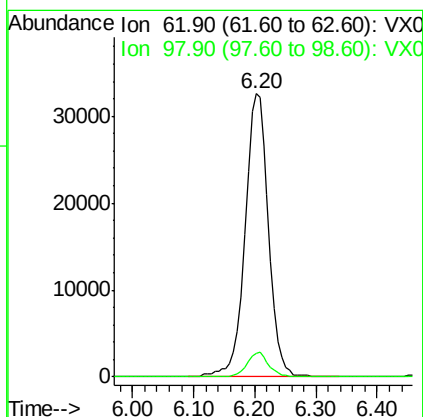
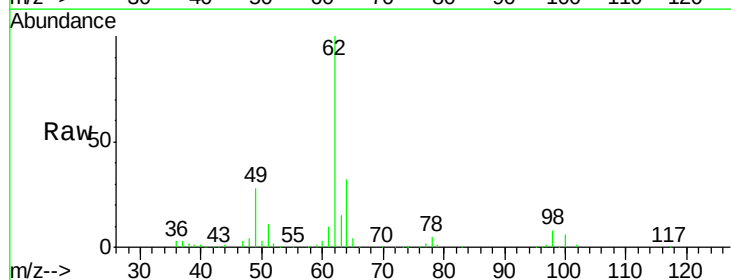
Manual Integrations
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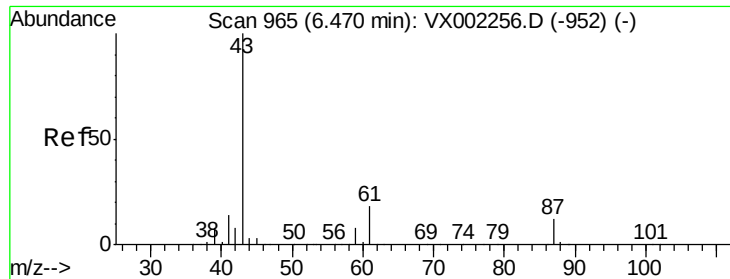
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#42
1,2-Dichloroethane
Concen: 19.525 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





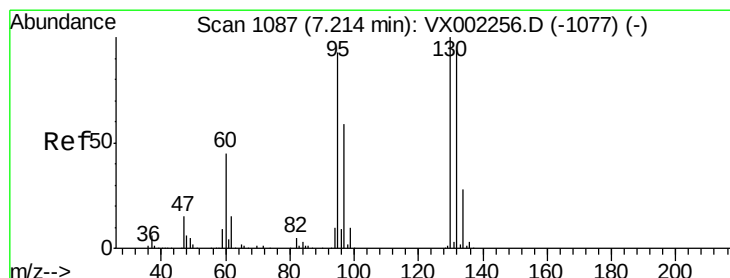
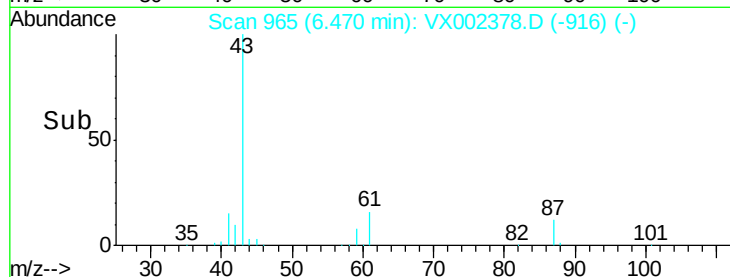
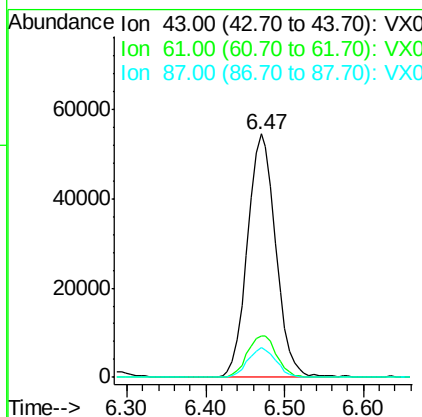
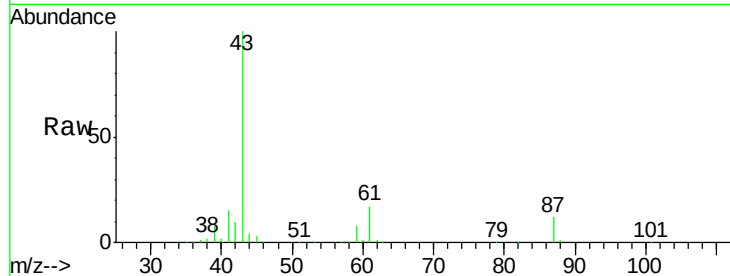
#43
Isopropyl Acetate
Concen: 18.115 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.3	9.5	14.3

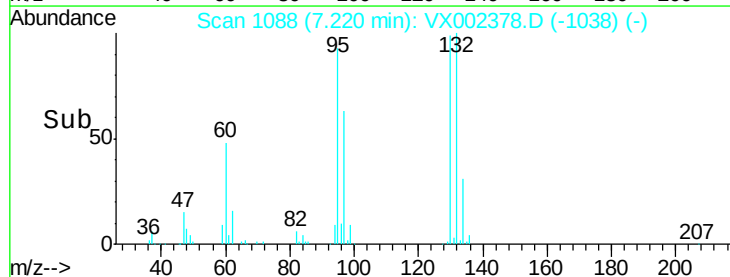
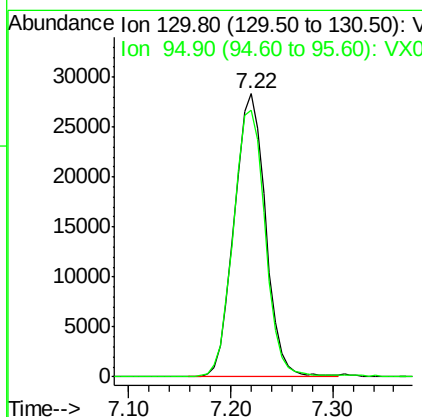
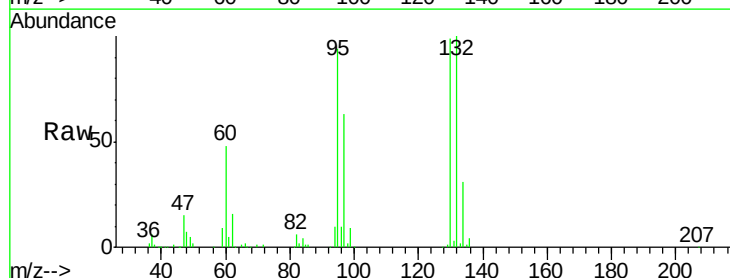
Manual Integrations
APPROVED

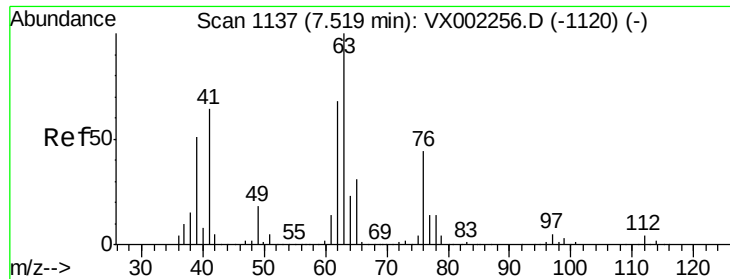
MMDadoda
6/8/2018 1:20:24 PM



#44
Trichloroethene
Concen: 19.467 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	185.4





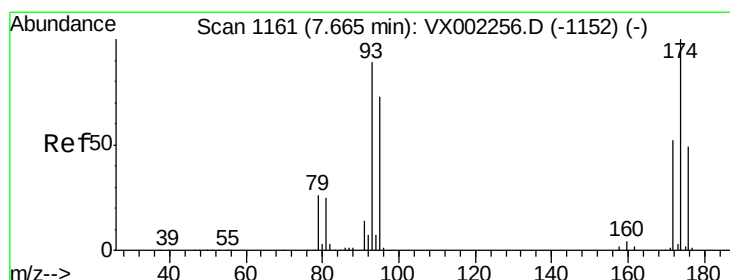
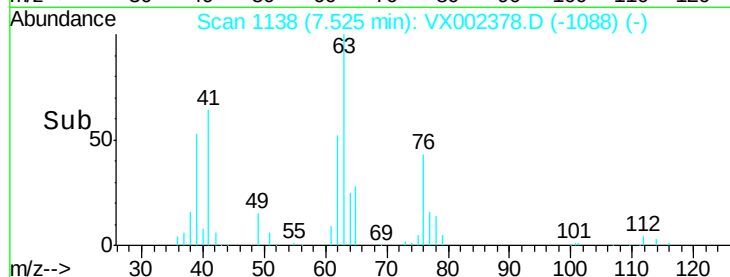
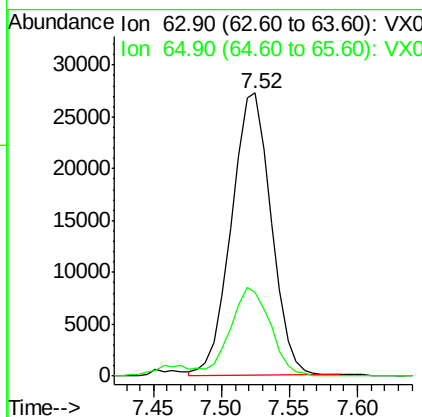
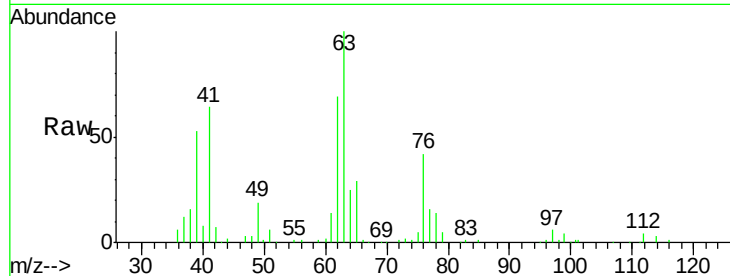
#45
 1,2-Dichloropropane
 Concen: 18.385 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion: 63 Resp: 55524
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.7 37.1

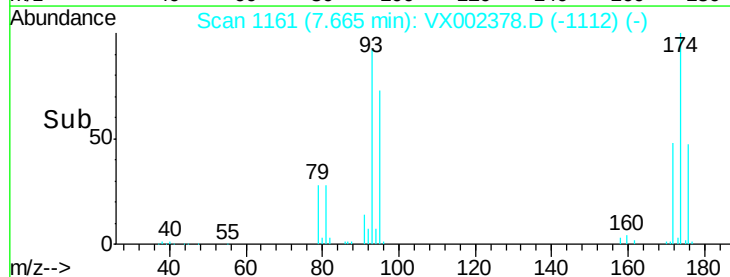
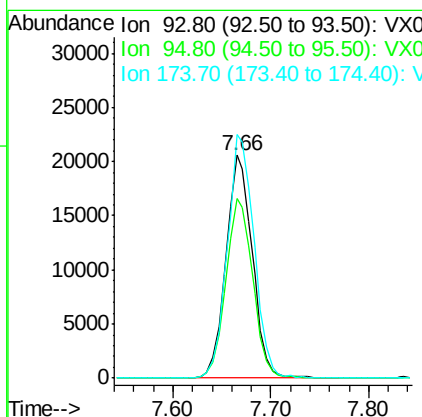
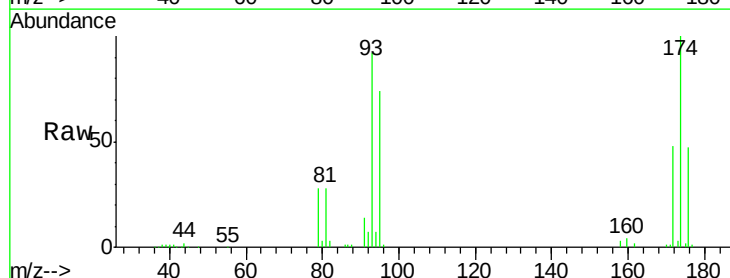
Manual Integrations
 APPROVED

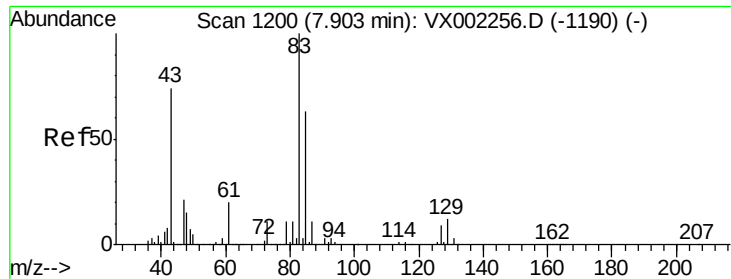
MMDadoda
 6/8/2018 1:20:24 PM



#46
 Dibromomethane
 Concen: 18.764 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 93 Resp: 38416
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 110.9 92.4 138.6





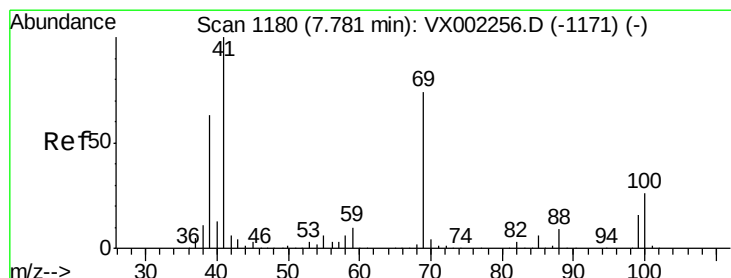
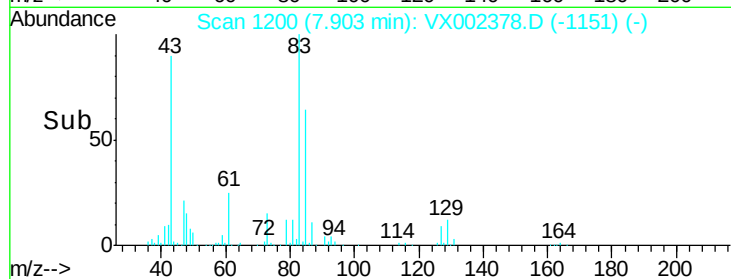
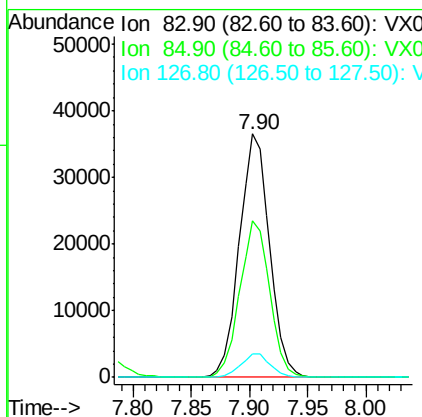
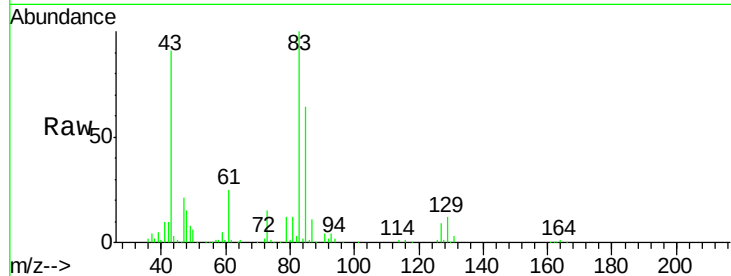
#47
Bromodichloromethane
Concen: 17.839 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	9.4	7.0	10.4

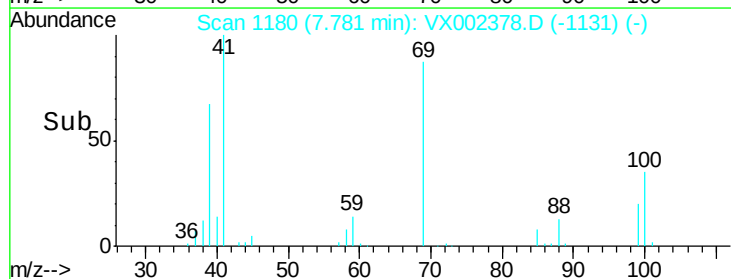
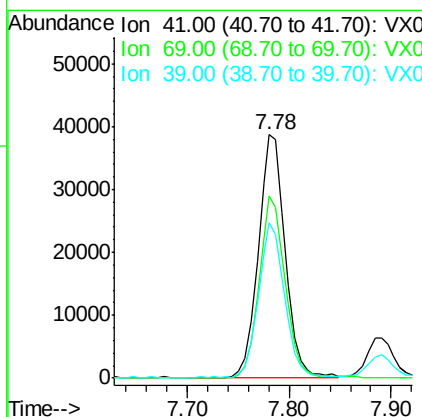
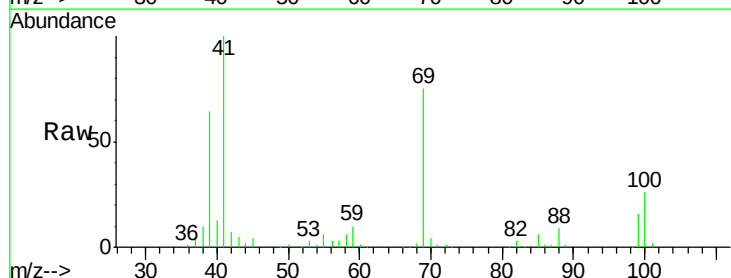
Manual Integrations
APPROVED

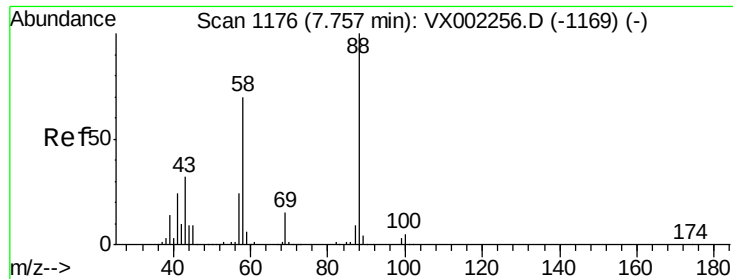
MMDadoda
6/8/2018 1:20:24 PM



#48
Methyl methacrylate
Concen: 18.801 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.4	59.1	88.7
39	62.5	48.9	73.3





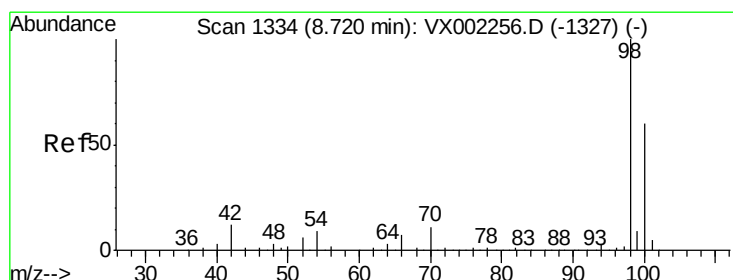
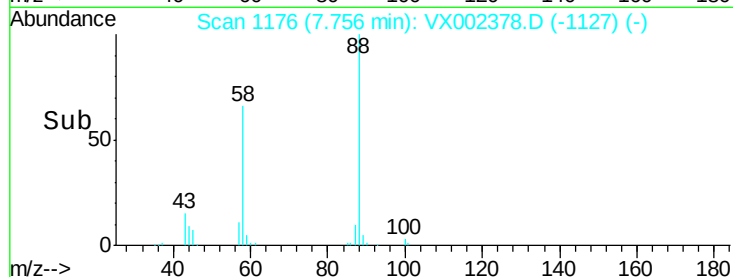
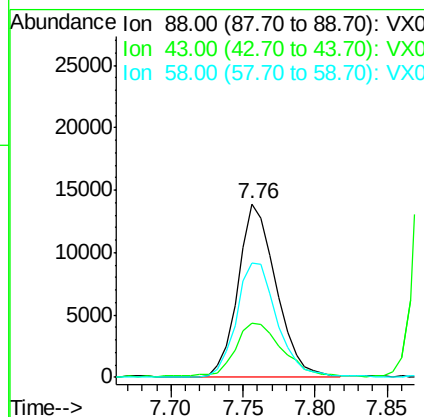
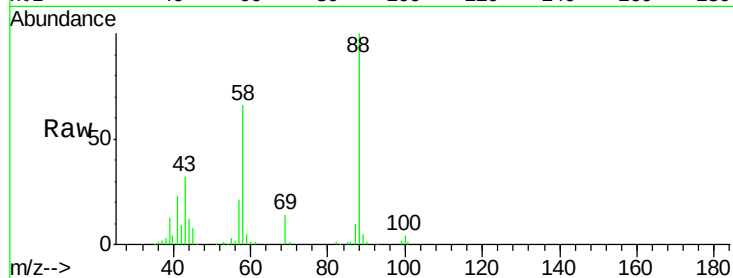
#49
1,4-Dioxane
Concen: 365.687 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.8	44.6
58	71.1	57.1	85.7

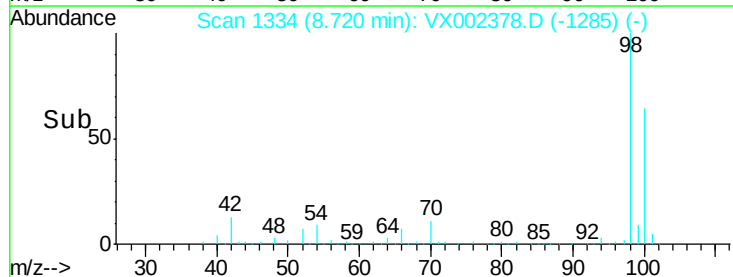
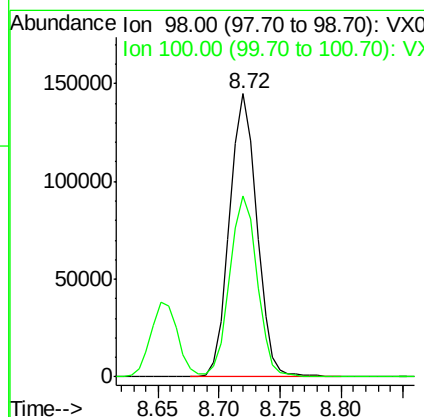
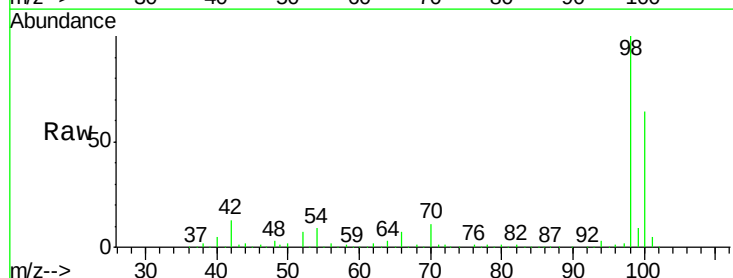
Manual Integrations
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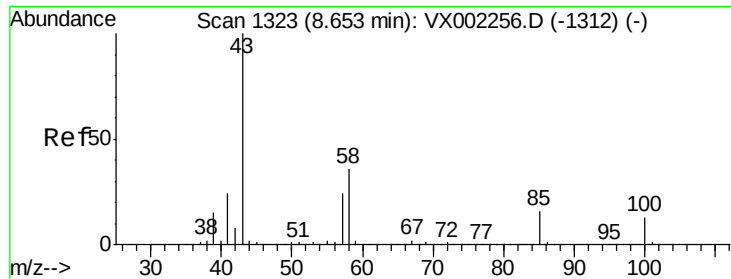
MMDadoda
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#50
Toluene-d8
Concen: 21.417 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 95.512 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 43 Resp: 443274

Ion Ratio Lower Upper

43 100

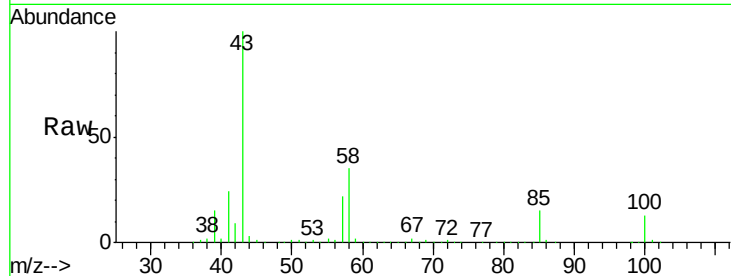
58 35.7 28.6 42.8

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

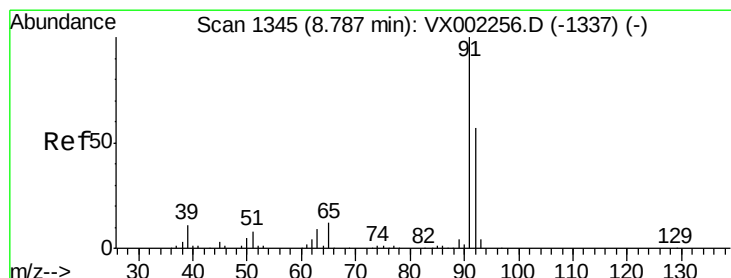
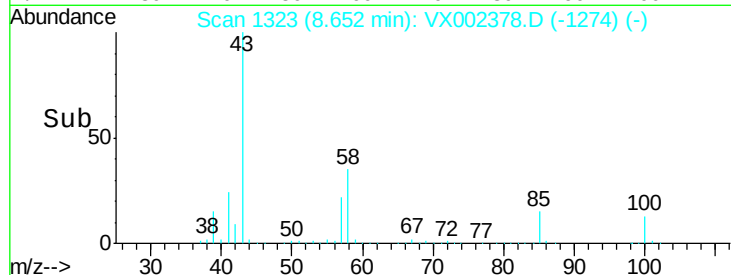
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.704 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002378.D

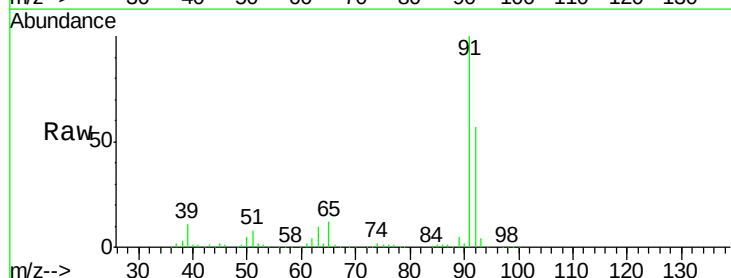
Acq: 07 Jun 2018 15:27

Tgt Ion: 92 Resp: 140195

Ion Ratio Lower Upper

92 100

91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

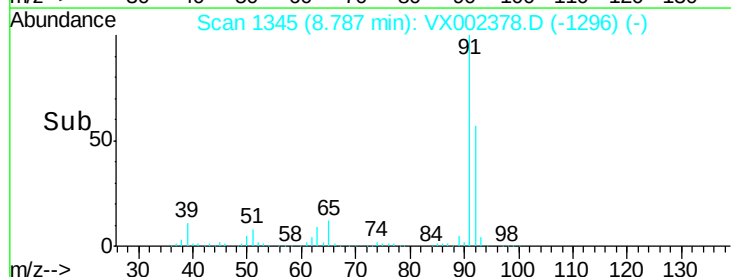
150000

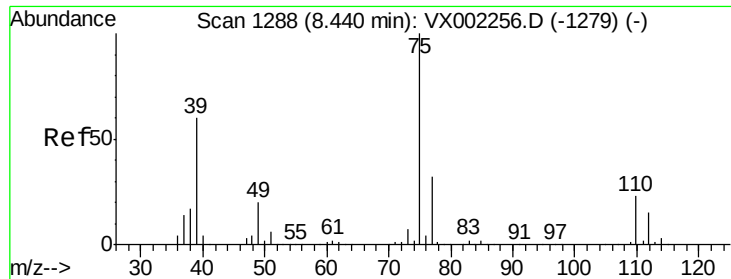
100000

50000

0

Time-->





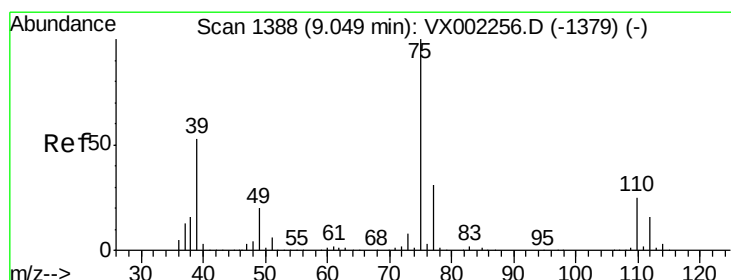
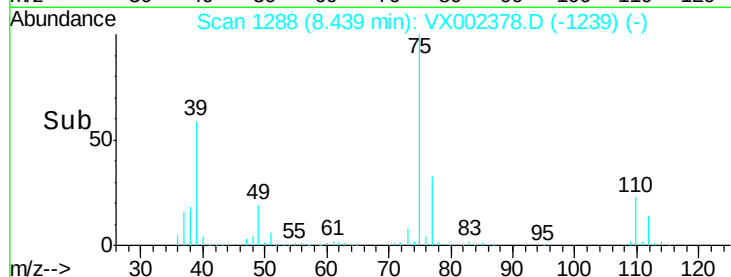
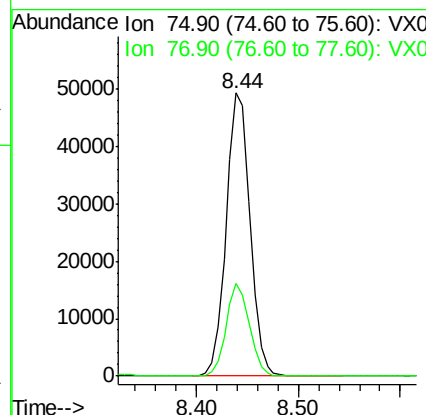
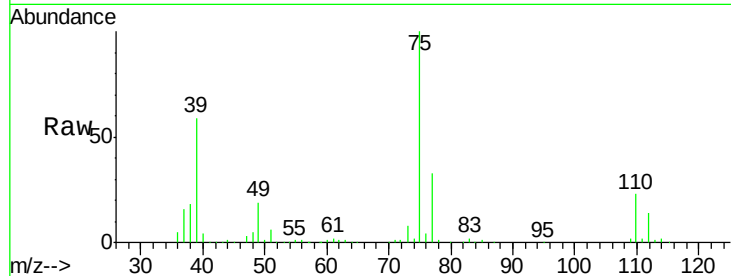
#53
t-1,3-Dichloropropene
Concen: 18.032 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion: 75 Resp: 80068
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

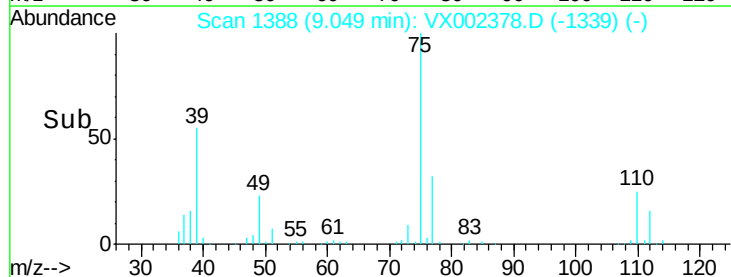
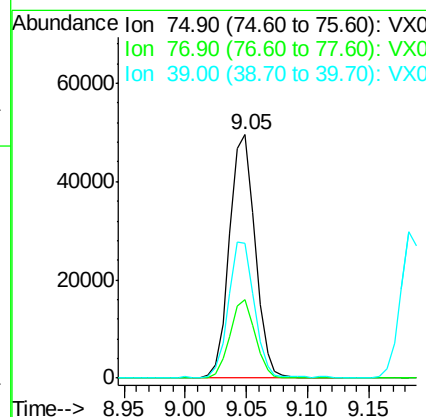
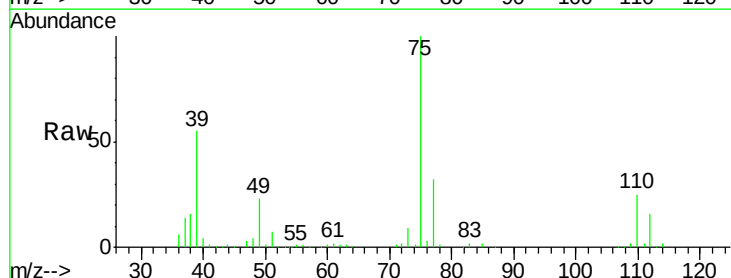
Manual Integrations
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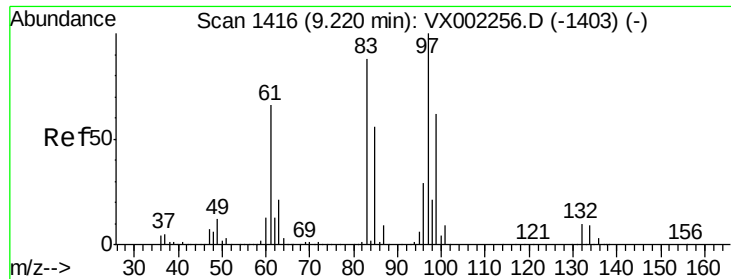
MMDadoda
6/8/2018 1:20:24 PM



#54
cis-1,3-Dichloropropene
Concen: 17.148 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 75 Resp: 71838
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 55.2 42.4 63.6





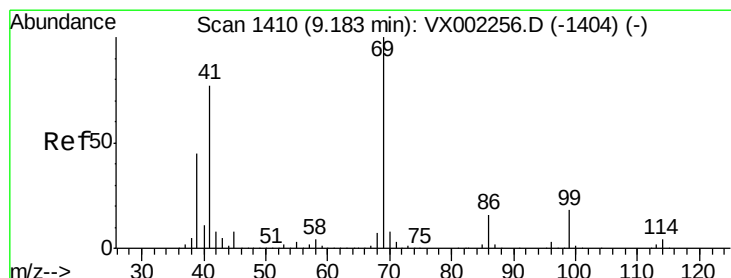
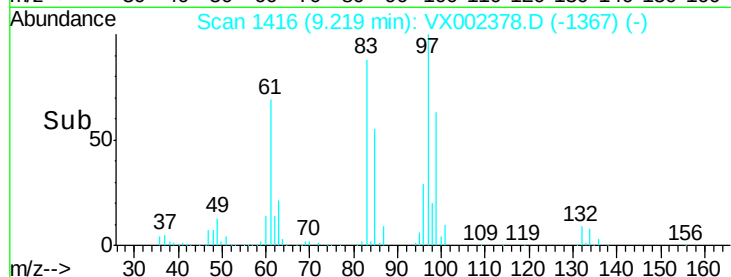
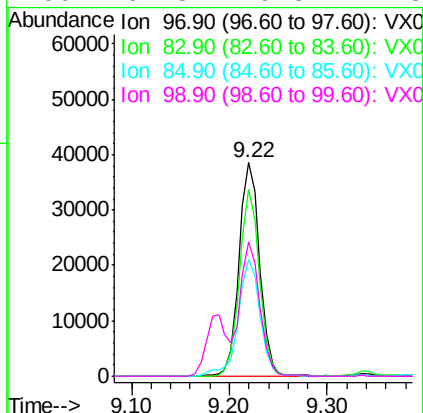
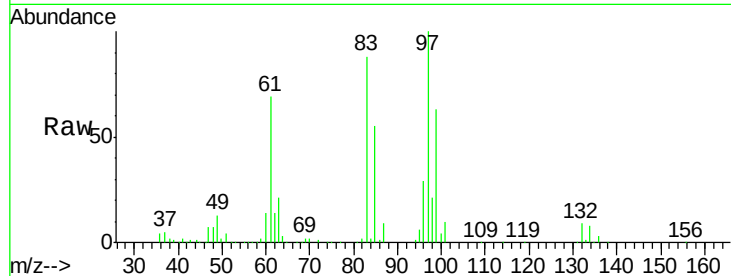
#55
 1,1,2-Trichloroethane
 Concen: 19.462 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
83	87.5	70.2	105.2	
85	54.8	44.9	67.3	
99	62.8	49.8	74.8	

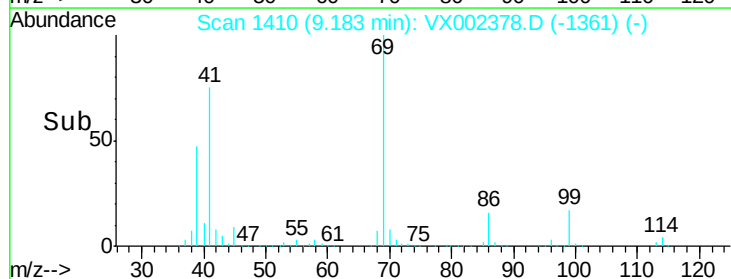
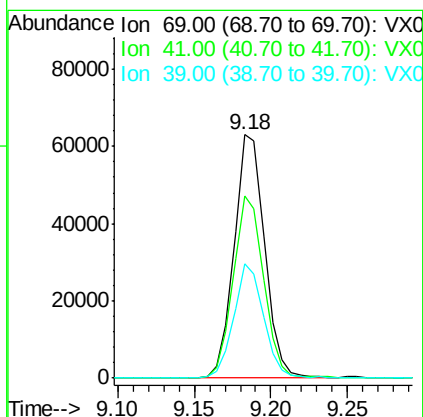
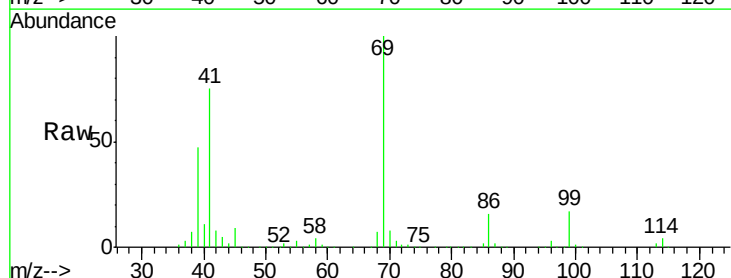
Manual Integrations
 APPROVED

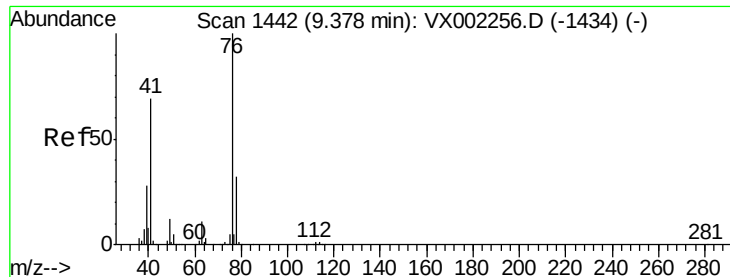
MMDadoda
 6/8/2018 1:20:24 PM



#56
 Ethyl methacrylate
 Concen: 18.686 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	74.3	60.3	90.5	
39	45.3	35.8	53.8	





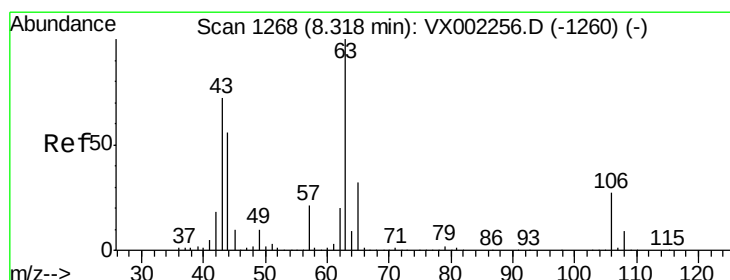
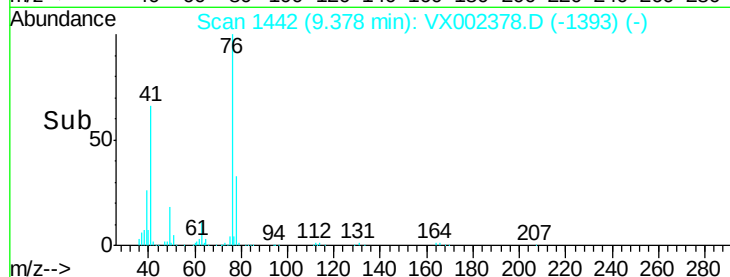
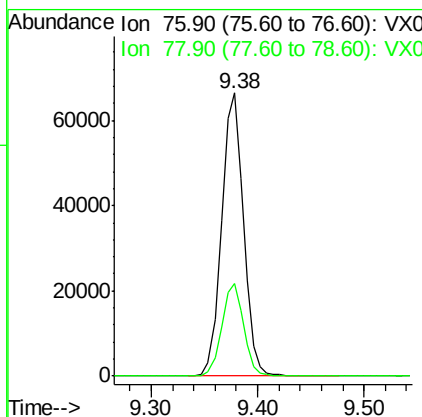
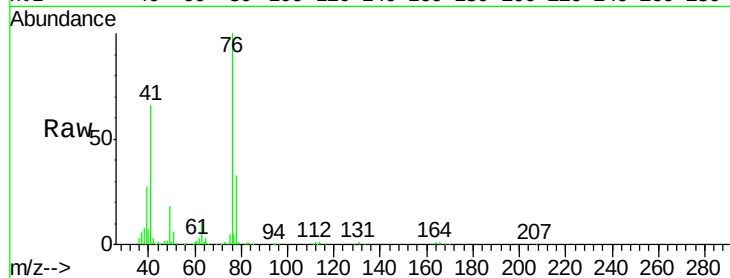
#57
 1,3-Dichloropropane
 Concen: 19.420 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion: 76 Resp: 95341
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

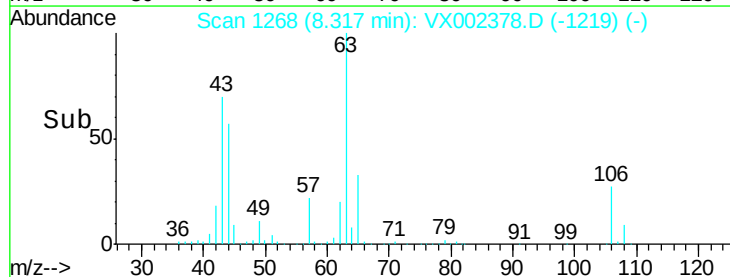
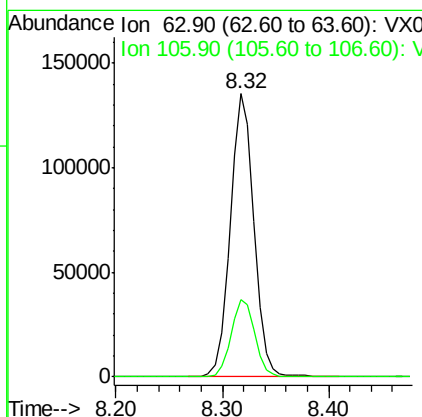
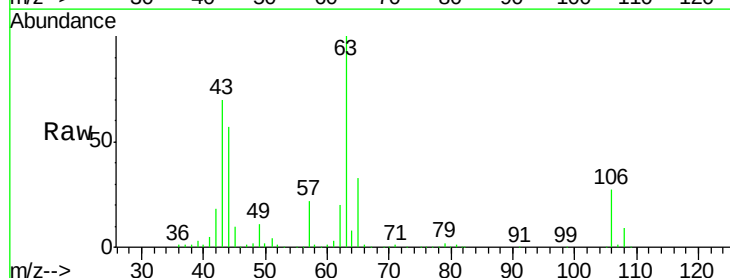
Manual Integrations
 APPROVED

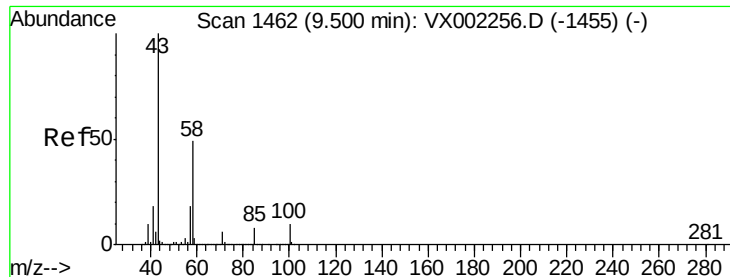
MMDadoda
 6/8/2018 1:20:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.201 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 63 Resp: 210185
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.8 32.8





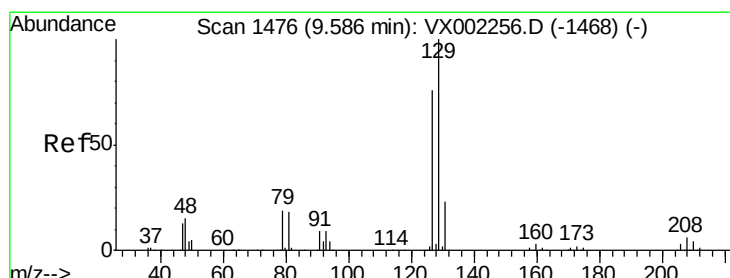
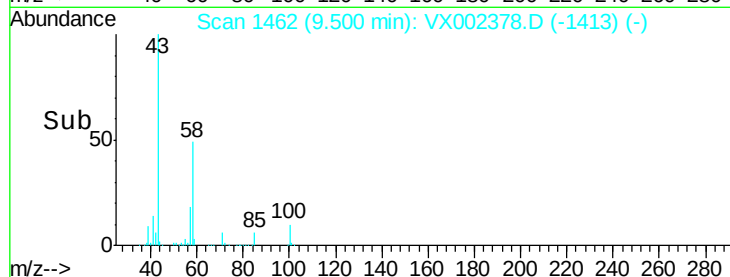
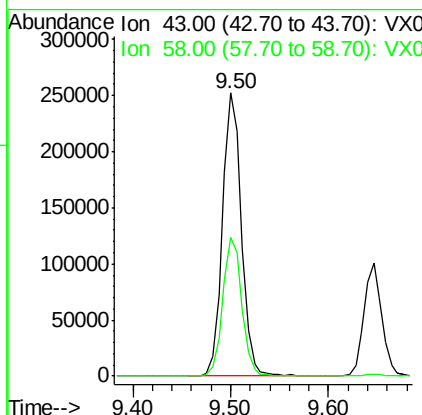
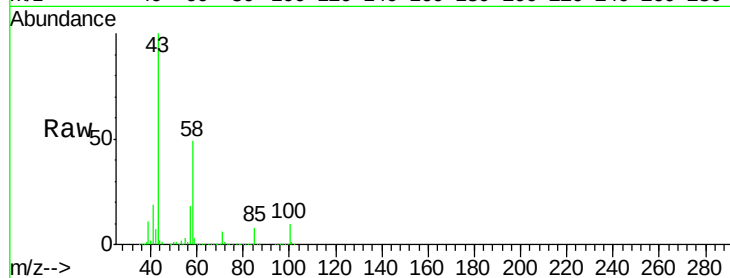
#59
2-Hexanone
Concen: 94.268 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion: 43 Resp: 337928
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6

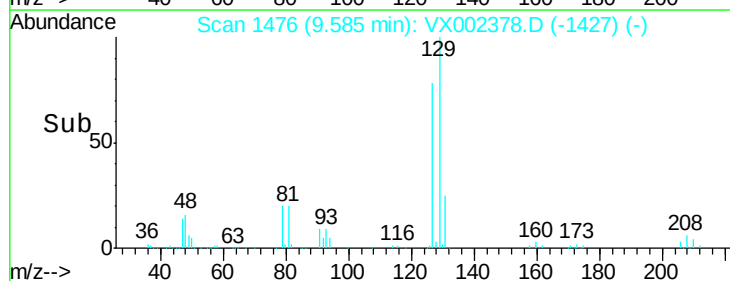
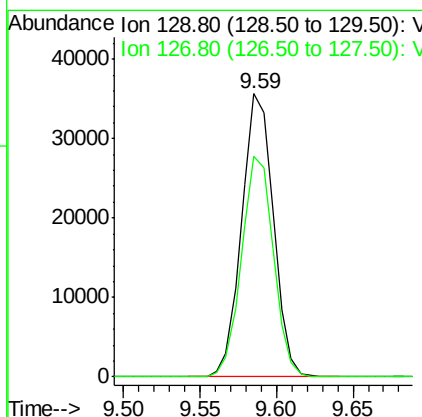
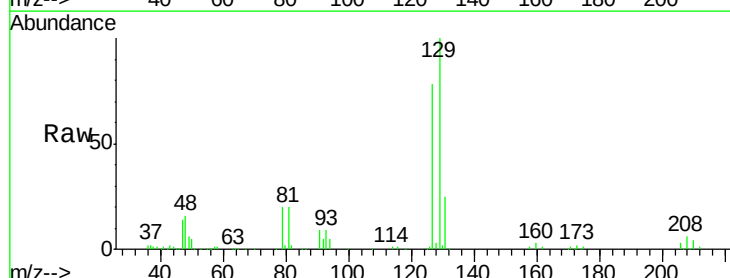
Manual Integrations
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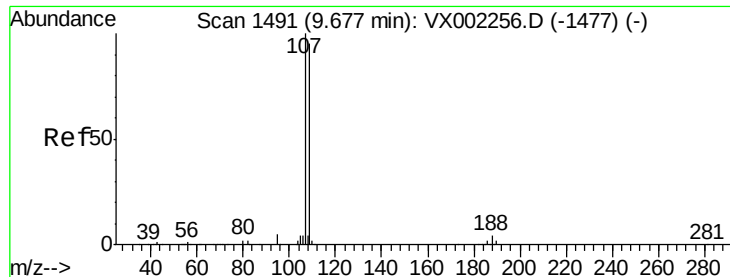
MMDadoda
6/8/2018 1:20:24 PM



#60
Dibromochloromethane
Concen: 17.497 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 129 Resp: 51501
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





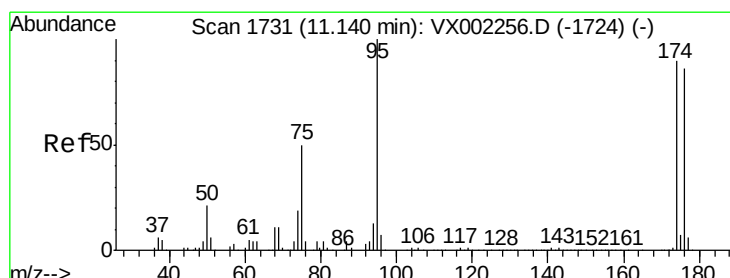
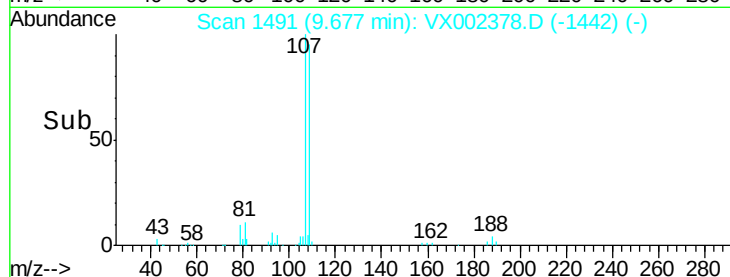
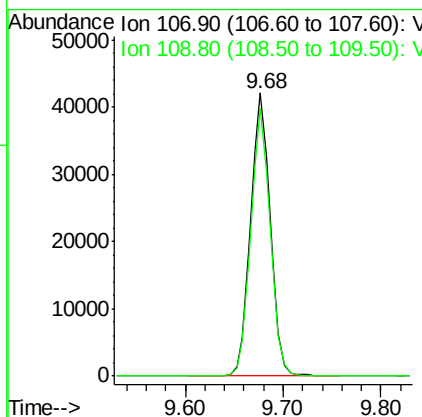
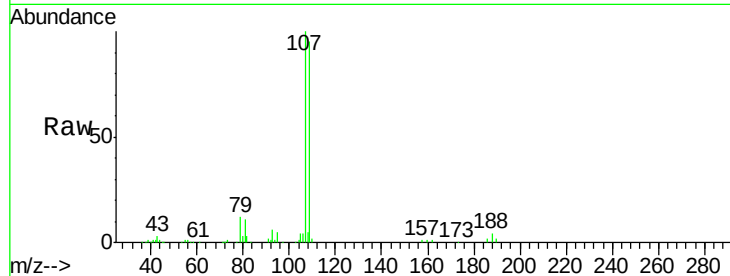
#61
 1,2-Dibromoethane
 Concen: 19.327 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion: 107 Resp: 58972
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.3 112.9

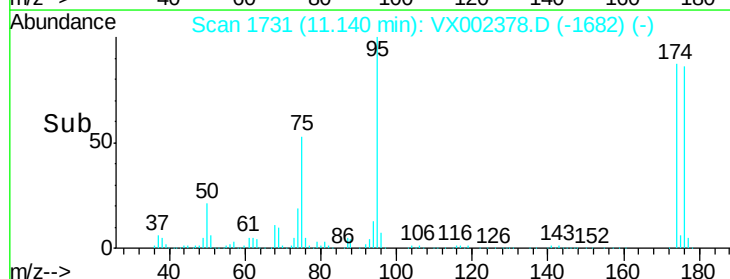
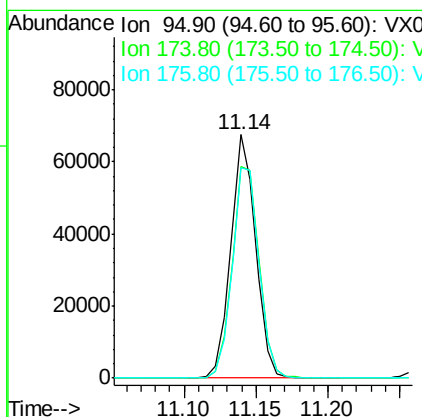
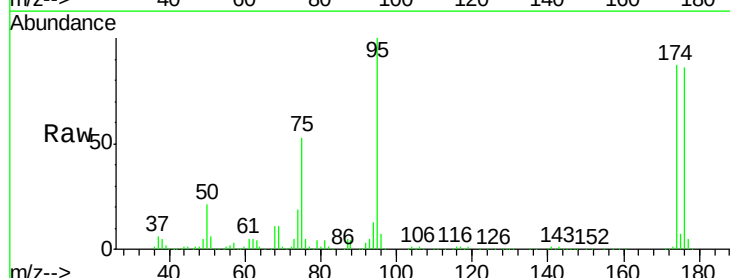
Manual Integrations
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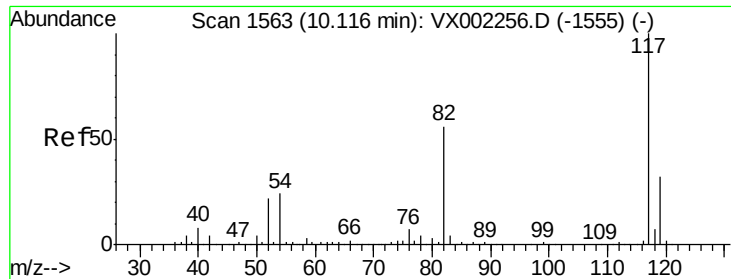
MMDadoda
 6/8/2018 1:20:24 PM



#62
 4-Bromofluorobenzene
 Concen: 20.421 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 95 Resp: 82378
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 187.4
 176 92.2 0.0 181.0





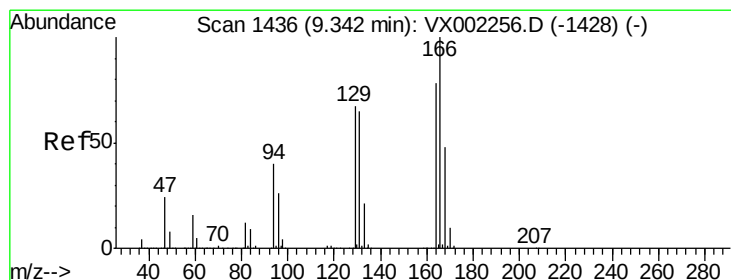
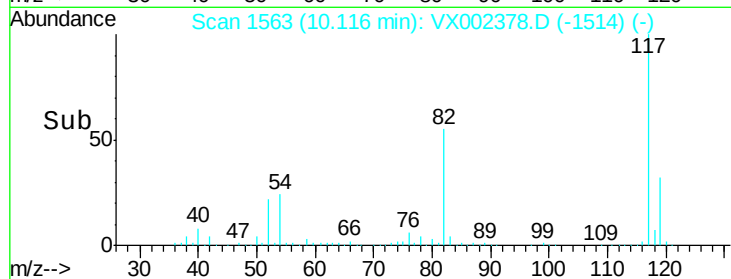
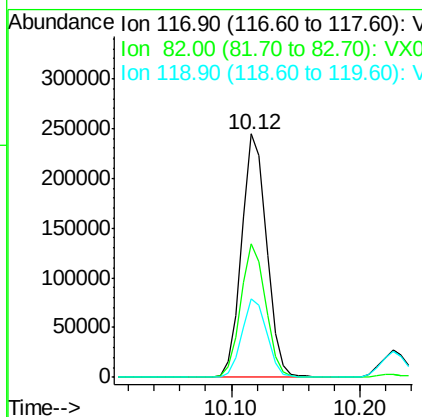
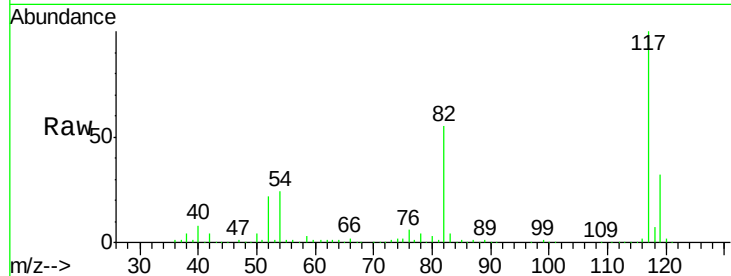
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	327531		
82	54.8	45.0	67.4	
119	32.4	25.8	38.6	

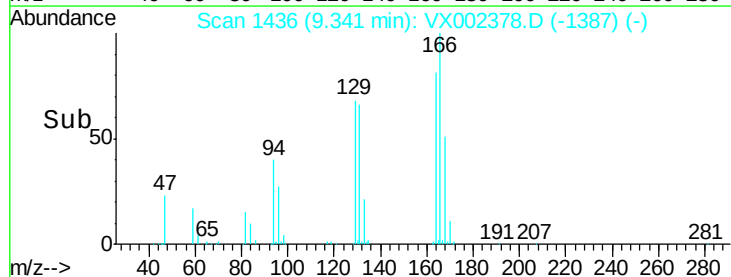
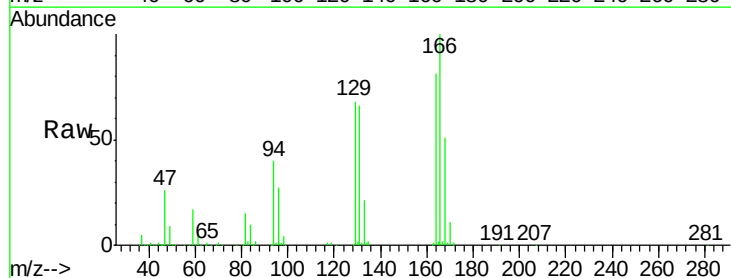
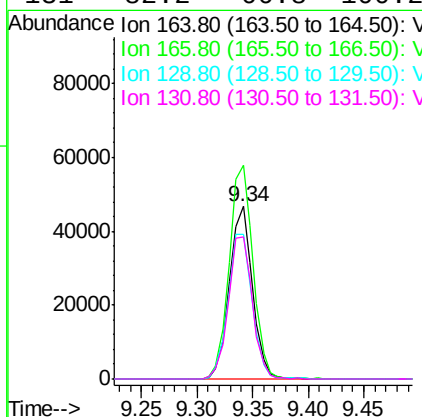
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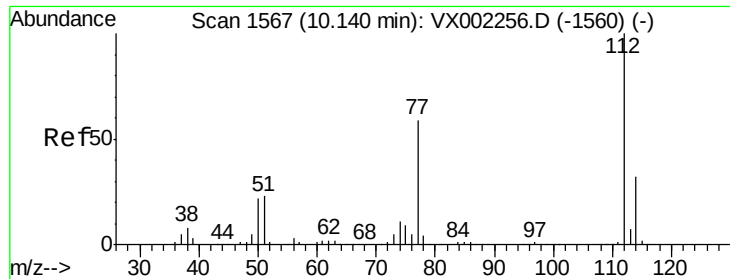
MMDadoda
6/8/2018 1:20:24 PM



#64
Tetrachloroethene
Concen: 19.892 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67192		
166	123.8	102.9	154.3	
129	84.2	68.6	102.8	
131	82.2	66.8	100.2	





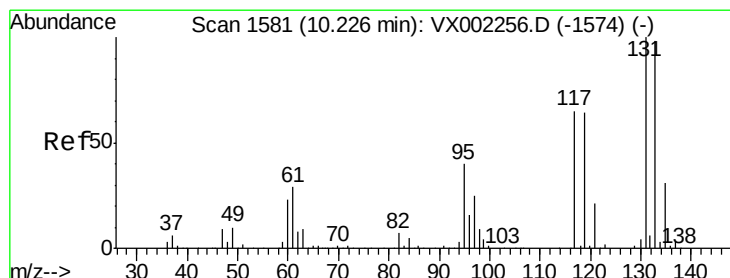
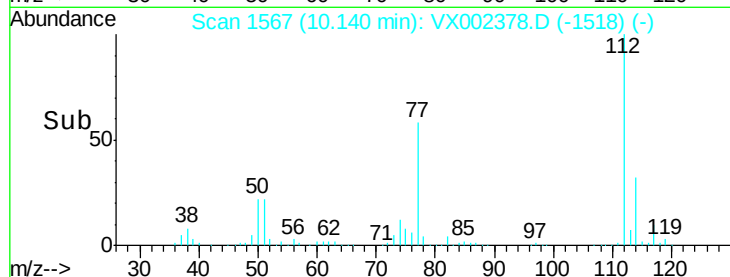
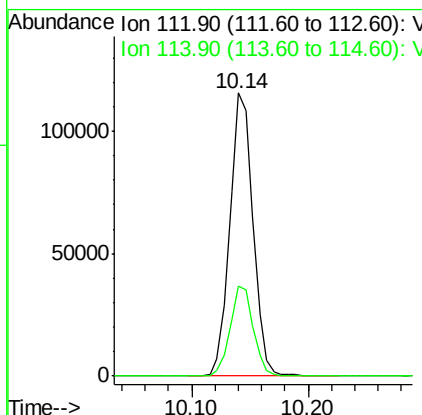
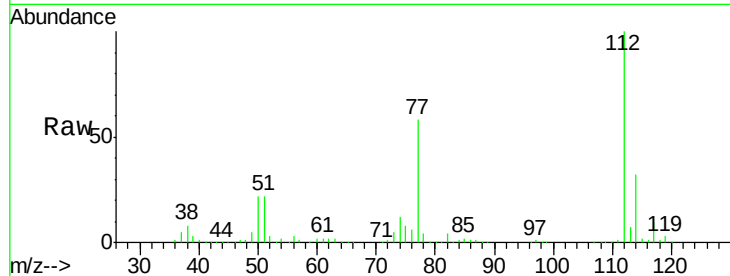
#65
Chlorobenzene
Concen: 19.677 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

Tgt Ion:112 Resp: 160366
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

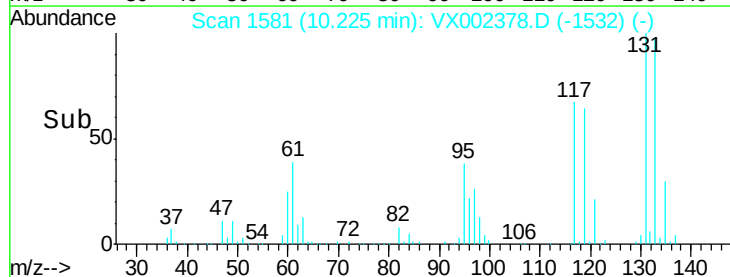
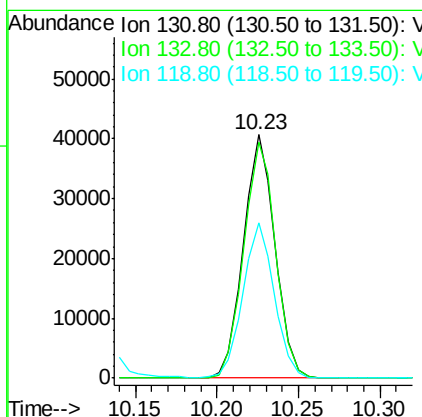
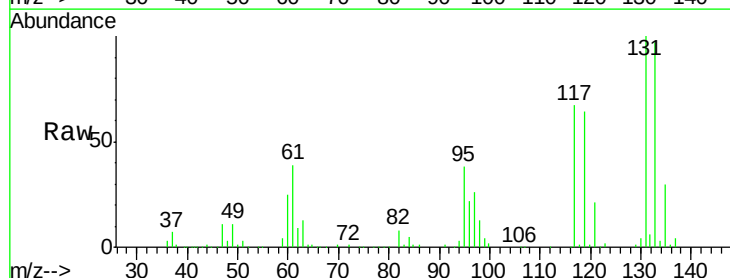
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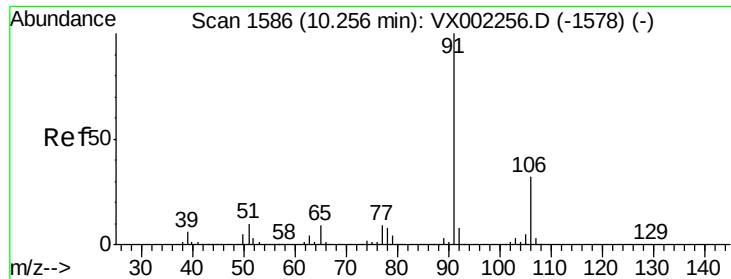
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.560 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:131 Resp: 54770
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.6
119 63.7 31.8 95.3





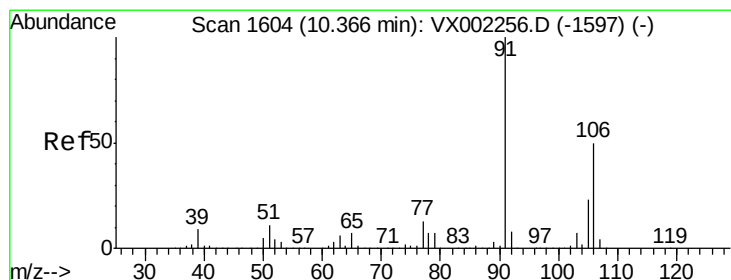
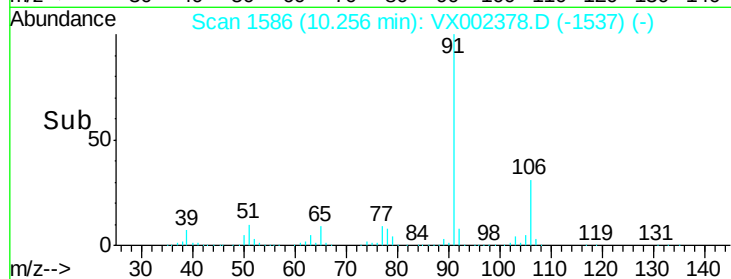
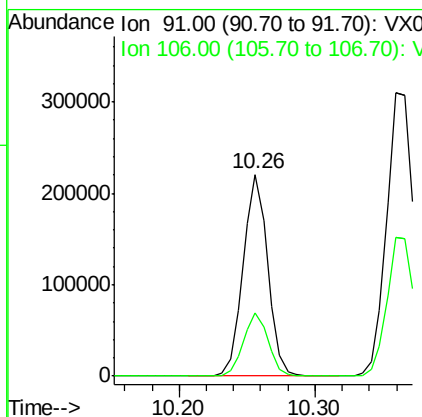
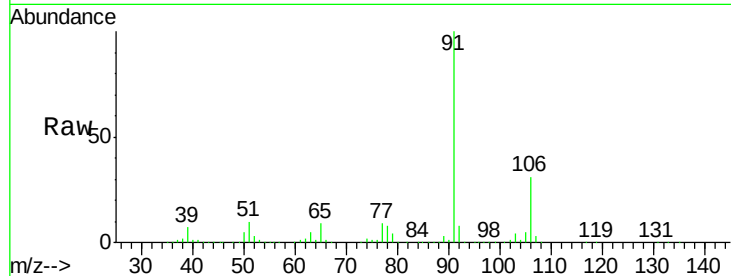
#67
Ethyl Benzene
 Concen: 20.379 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion: 91 Resp: 277942
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.5 38.3

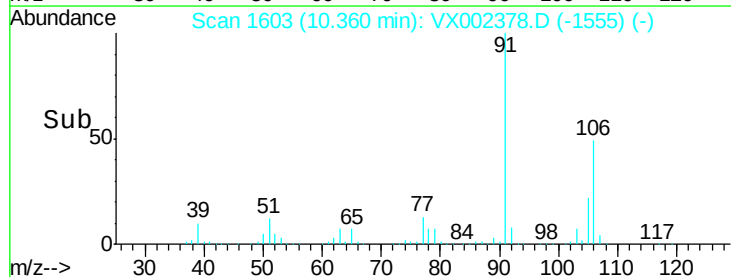
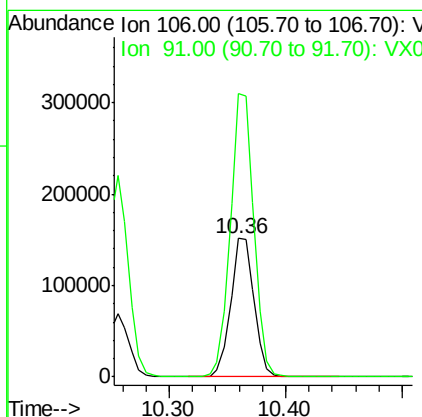
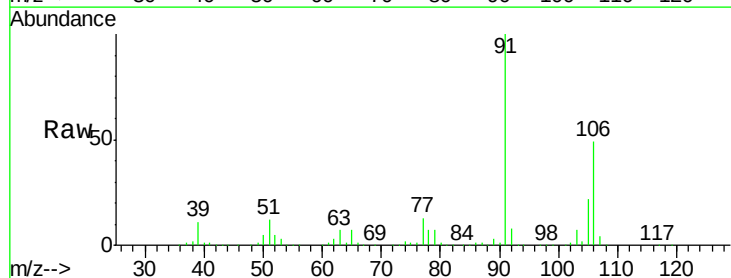
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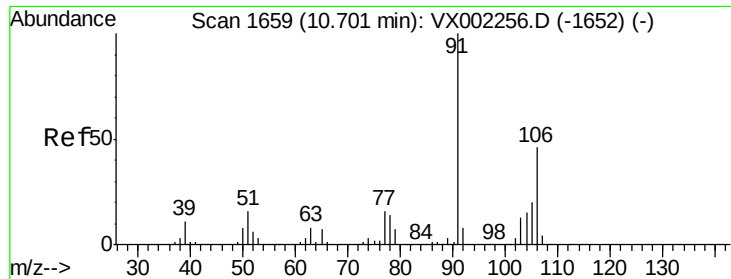
MMDadoda
 6/8/2018 1:20:24 PM



#68
m/p-Xylenes
 Concen: 39.879 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 106 Resp: 211430
 Ion Ratio Lower Upper
 106 100
 91 205.0 163.4 245.2





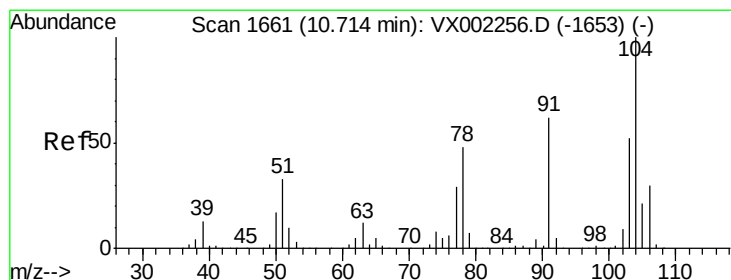
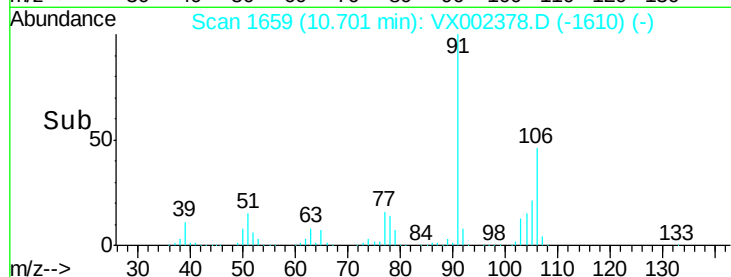
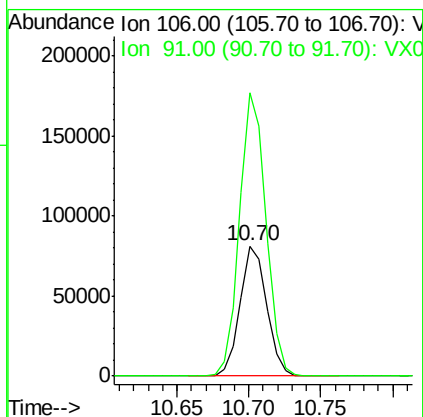
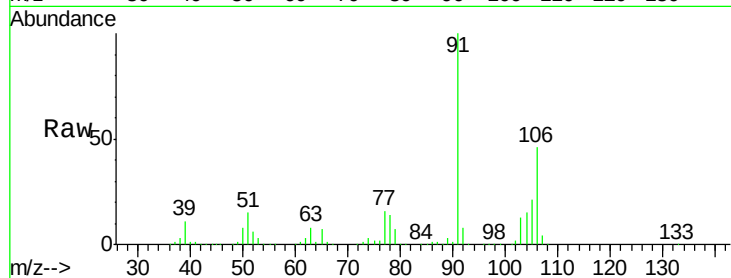
#69
o-Xylene
Concen: 19.777 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion:106 Resp: 104347
Ion Ratio Lower Upper
106 100
91 217.0 108.2 324.6

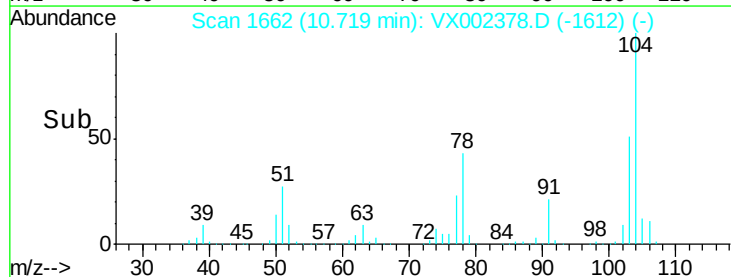
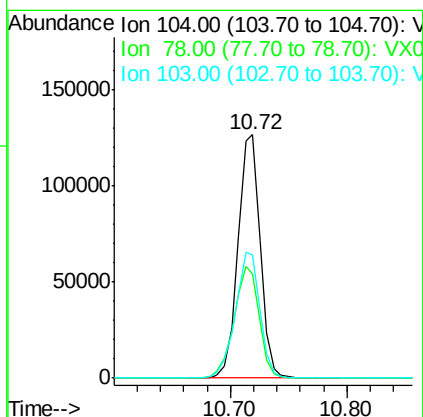
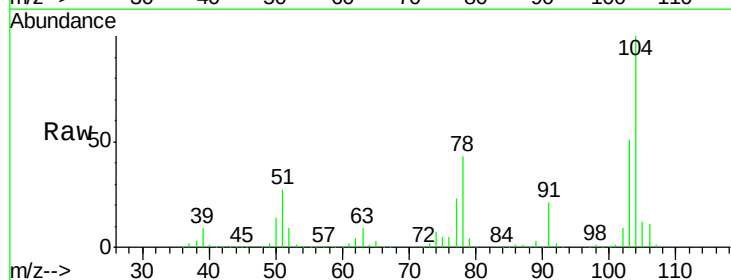
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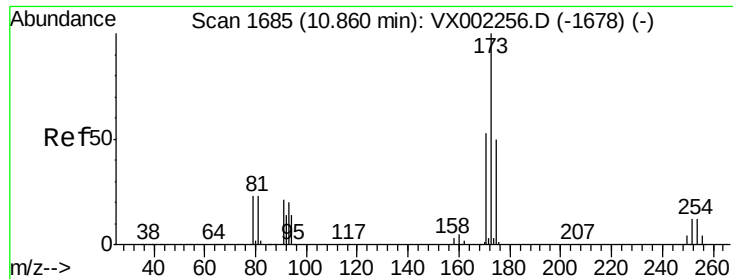
MMDadoda
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#70
Styrene
Concen: 19.586 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:104 Resp: 168932
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 56.7 44.2 66.4





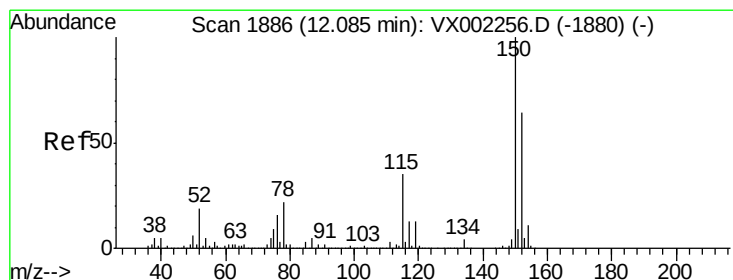
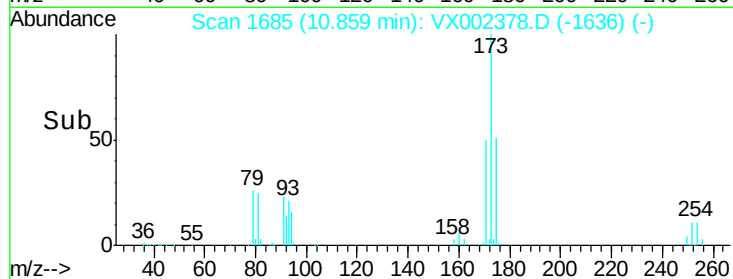
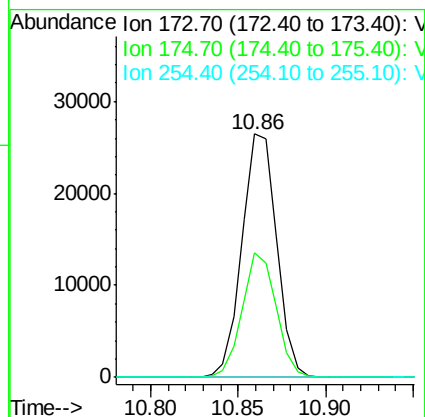
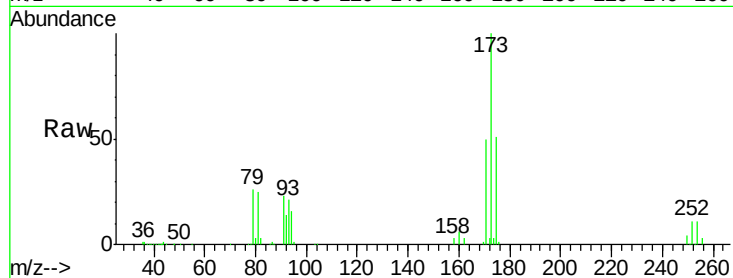
#71
Bromoform
Concen: 16.318 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion:173 Resp: 36515
Ion Ratio Lower Upper
173 100
175 50.1 24.7 74.1
254 0.0 0.2 0.2#

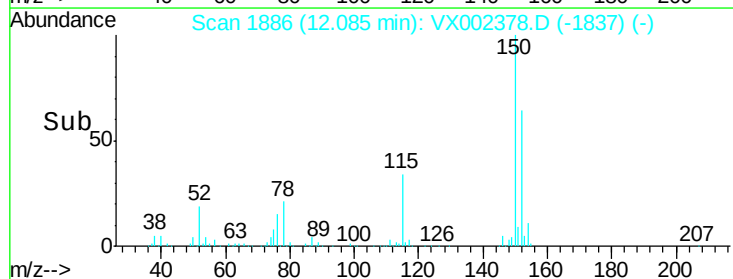
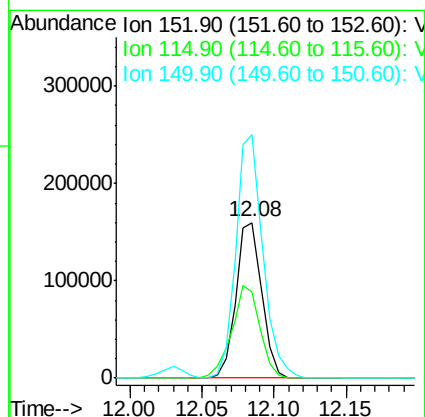
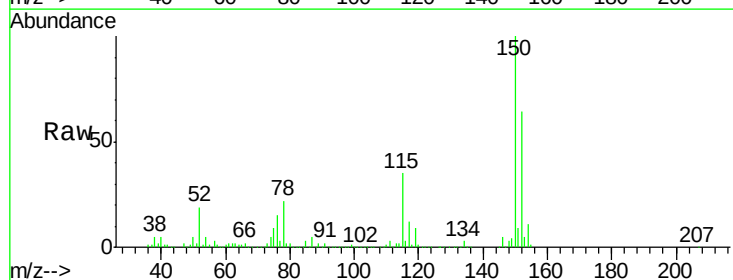
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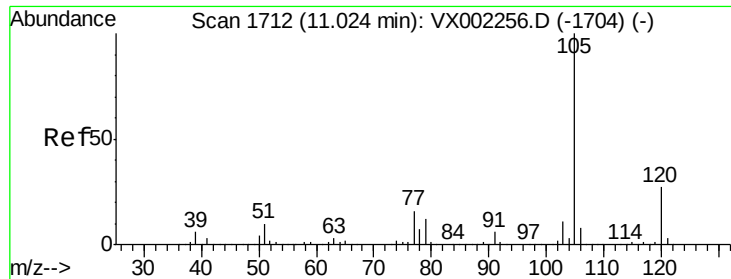
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:152 Resp: 200556
Ion Ratio Lower Upper
152 100
115 65.0 40.1 120.2
150 163.1 0.0 347.2





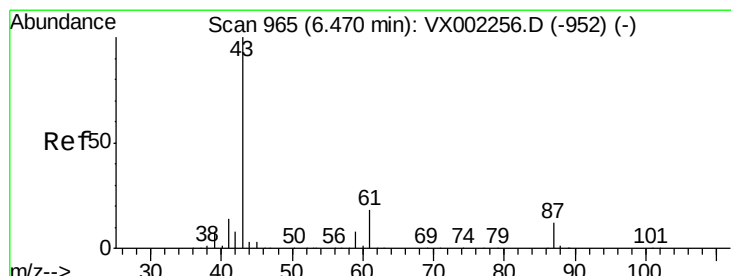
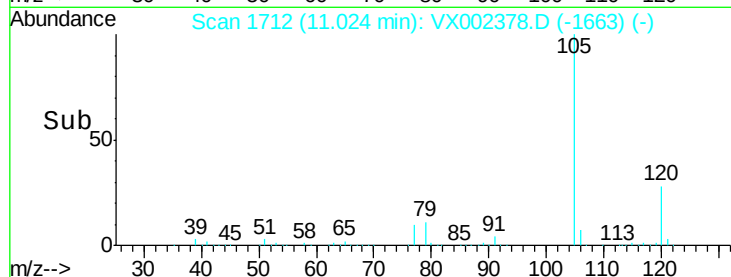
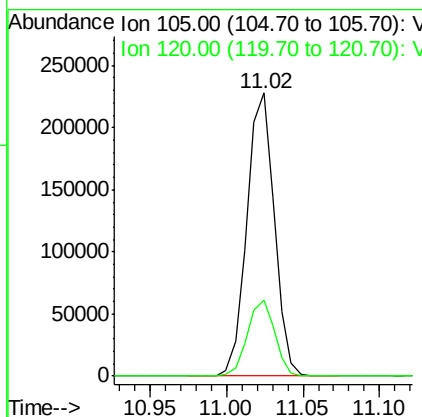
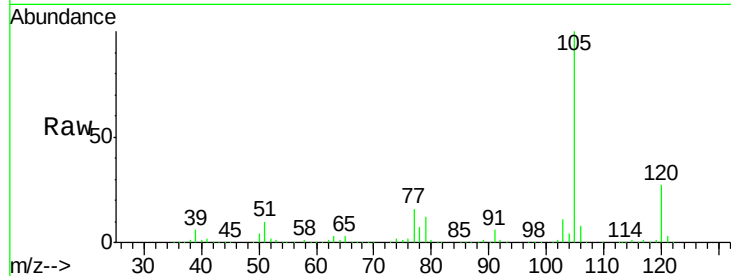
#73
Isopropylbenzene
Concen: 20.352 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion: 105 Resp: 283942
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

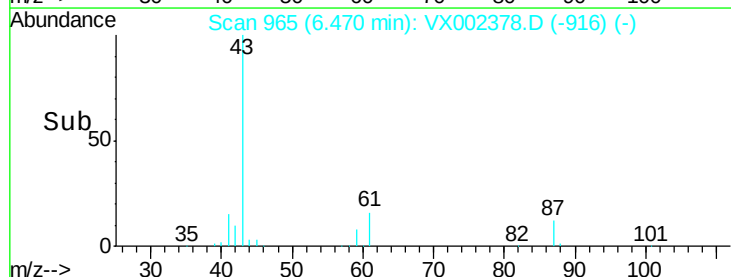
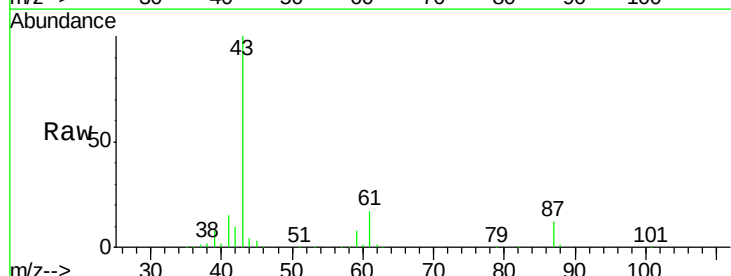
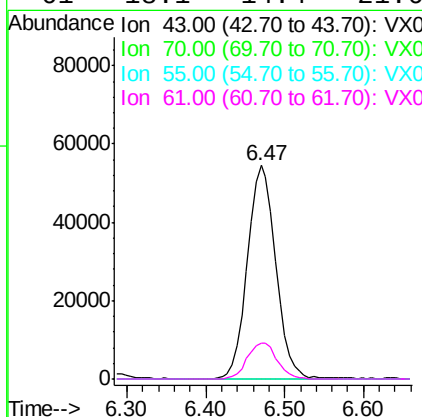
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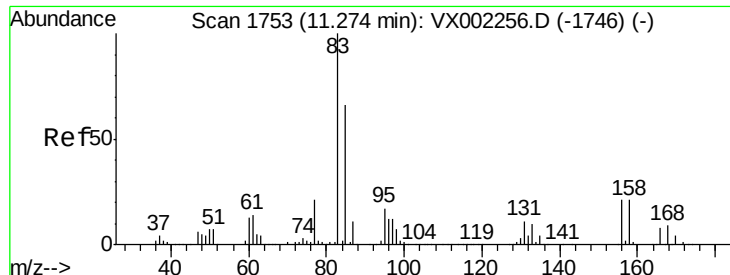
MMDadoda
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#74
N-ethyl acetate
Concen: 17.958 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 43 Resp: 135002
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.904 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

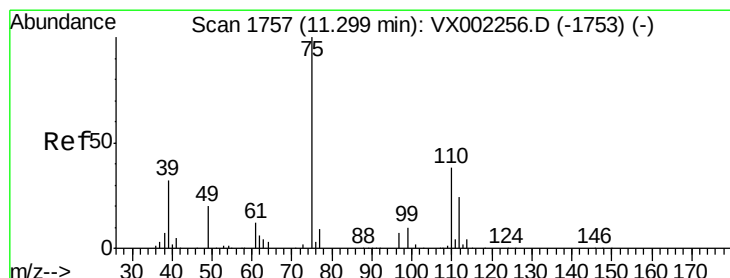
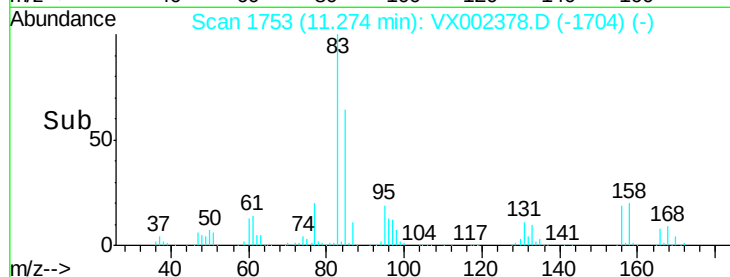
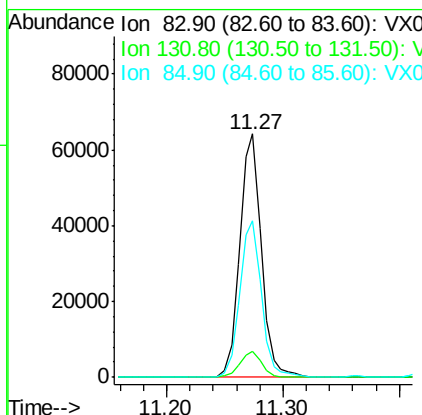
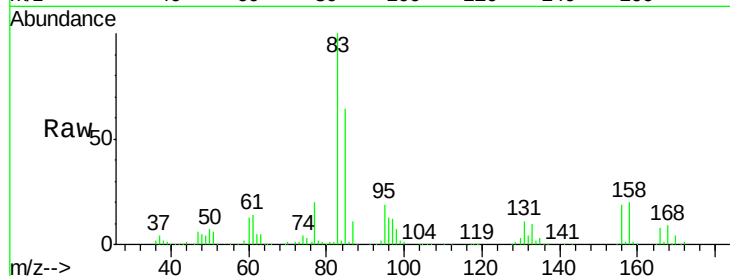
ClientSampleId :

VX0607MBS01

Tgt Ion:	83	Resp:	82949
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	65.0	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.576 ug/l m

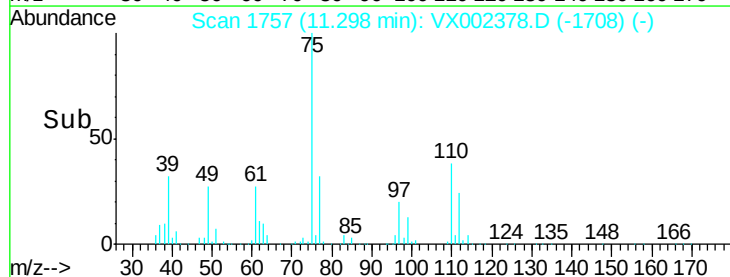
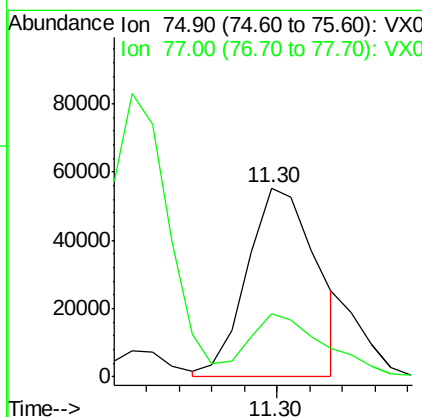
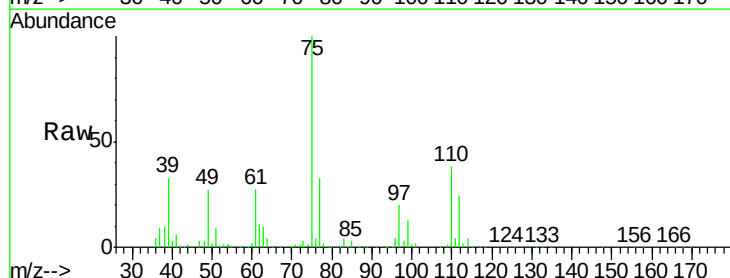
RT: 11.30 min Scan# 1757

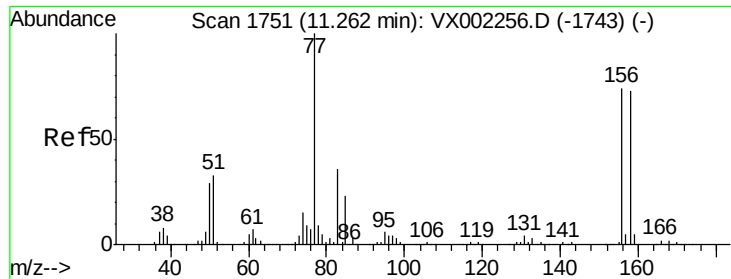
Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Tgt Ion:	75	Resp:	81750
Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.8	68.3





#77

Bromobenzene

Concen: 19.062 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion:156 Resp: 74660

Ion Ratio Lower Upper

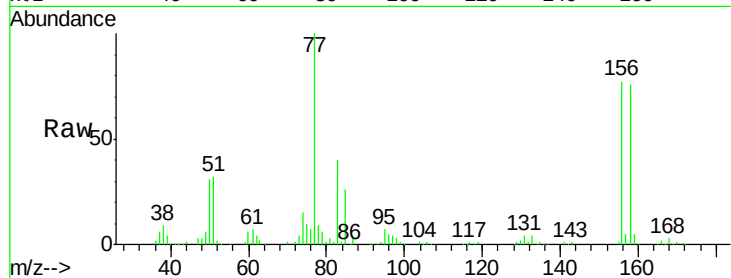
156 100

77 143.7 71.4 214.2

158 98.0 48.9 146.6

Manual Integrations
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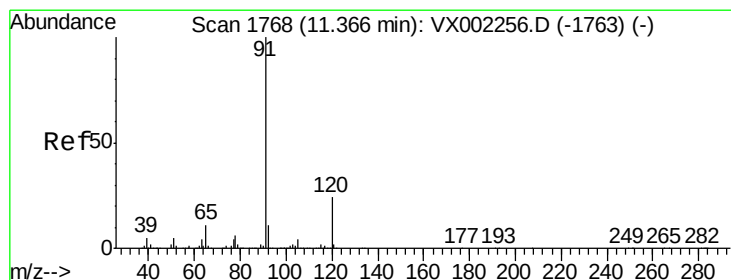
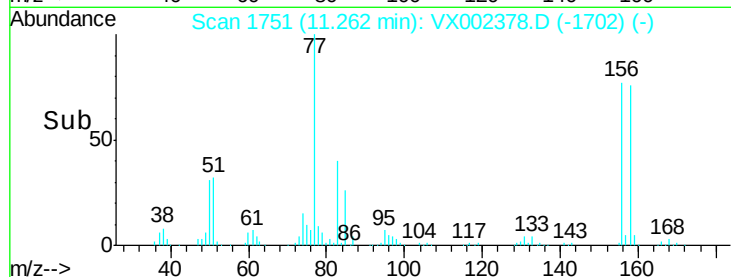
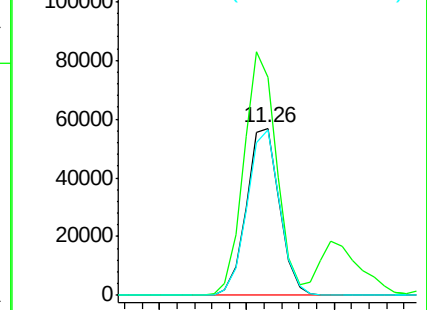
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.628 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002378.D

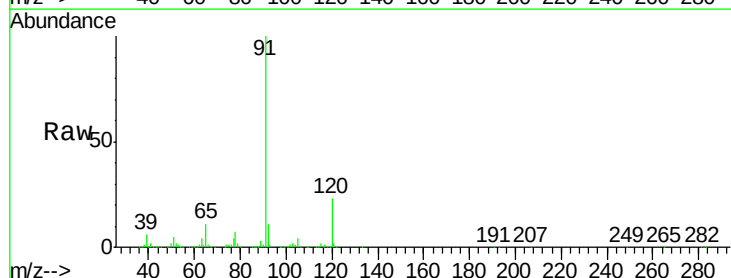
Acq: 07 Jun 2018 15:27

Tgt Ion: 91 Resp: 319881

Ion Ratio Lower Upper

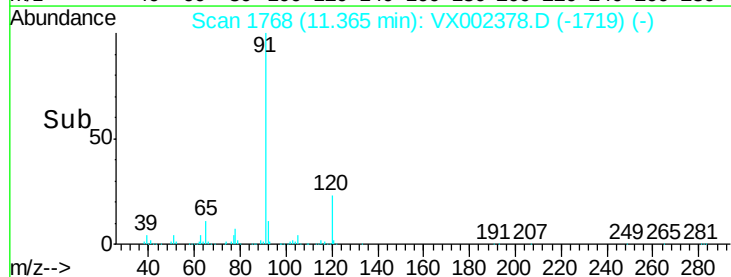
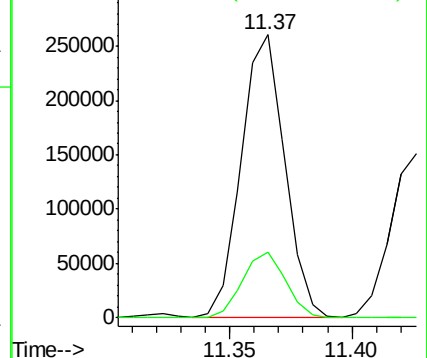
91 100

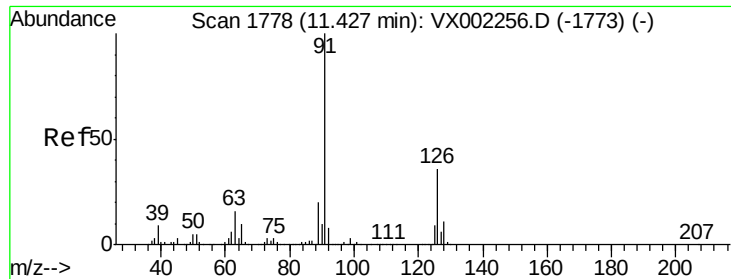
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.304 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 91 Resp: 189018

Ion Ratio Lower Upper

91 100

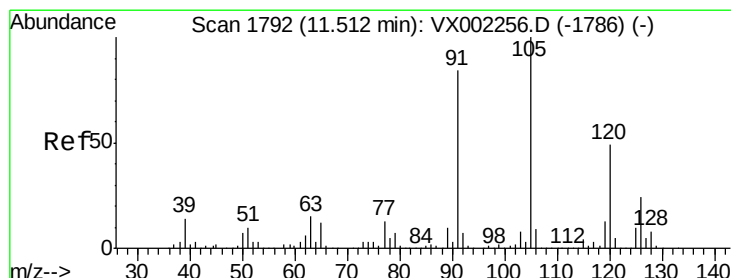
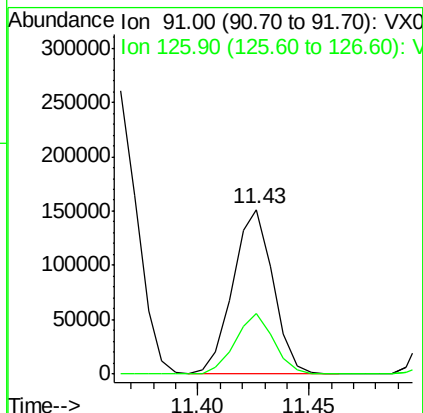
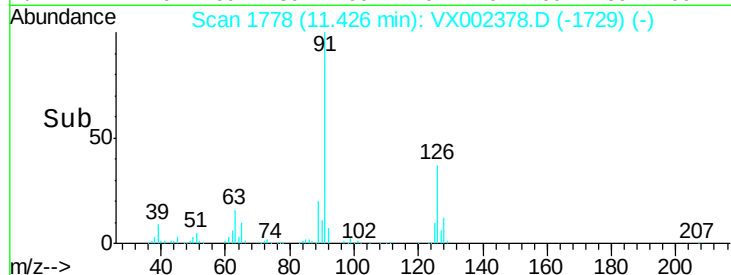
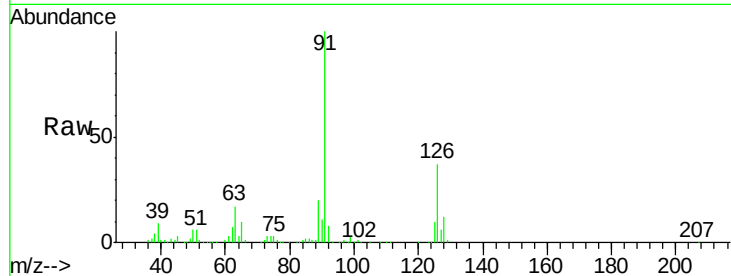
126 35.4 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.846 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002378.D

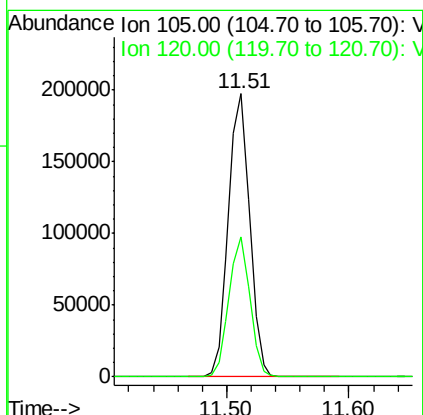
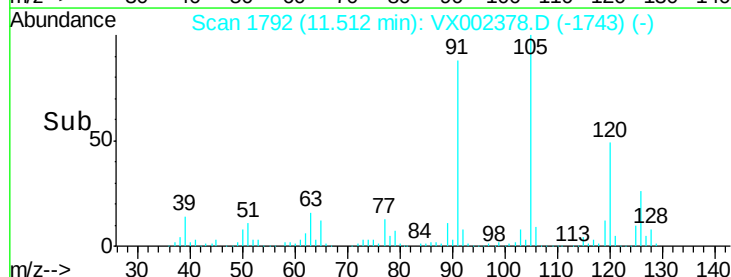
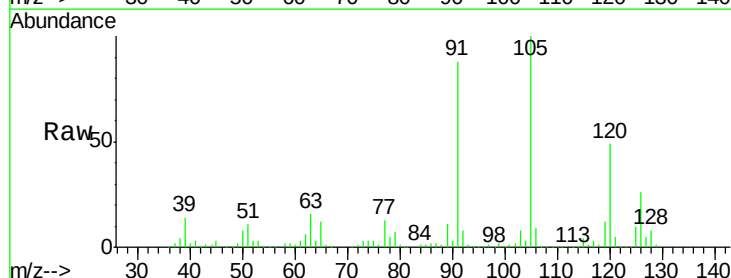
Acq: 07 Jun 2018 15:27

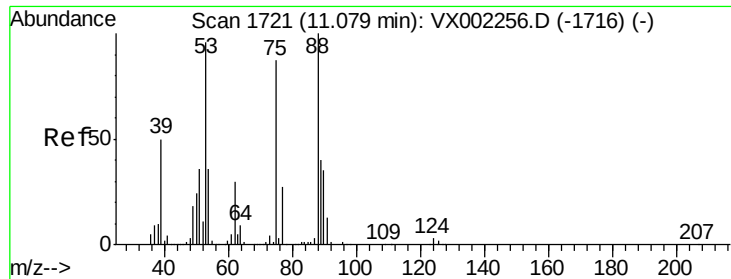
Tgt Ion: 105 Resp: 237485

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.664 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion: 75 Resp: 18410

Ion Ratio Lower Upper

75 100

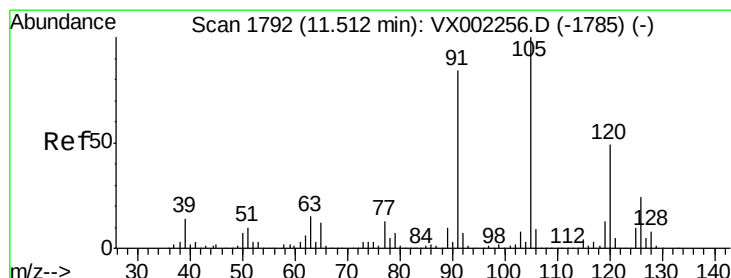
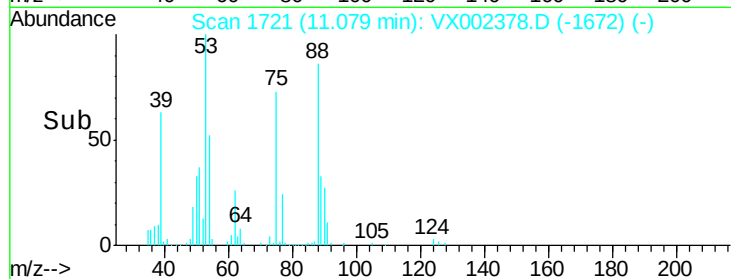
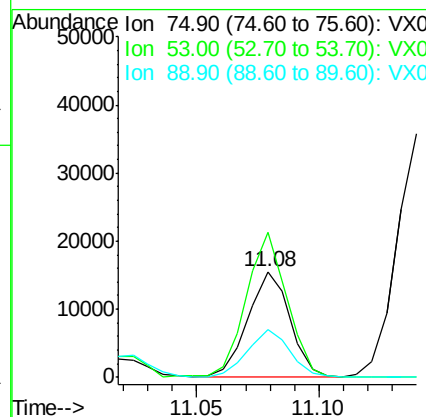
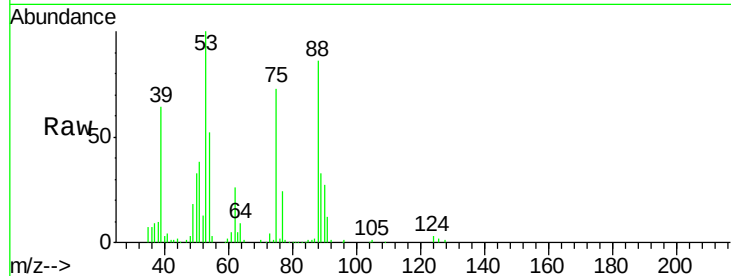
53 132.8 86.8 130.2#

89 45.6 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.375 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002378.D

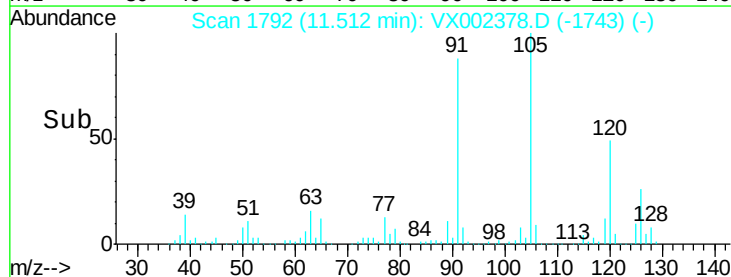
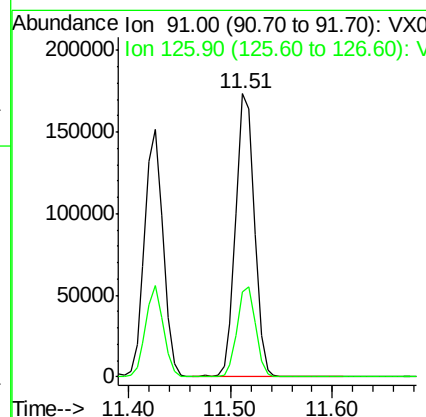
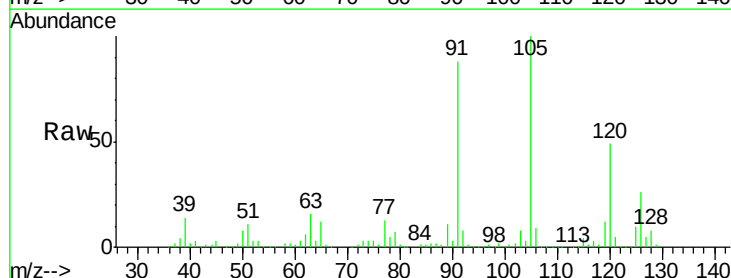
Acq: 07 Jun 2018 15:27

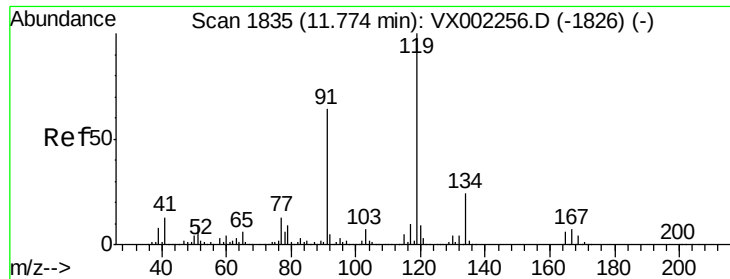
Tgt Ion: 91 Resp: 218978

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4





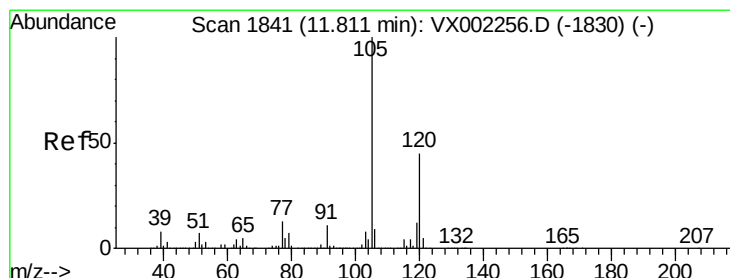
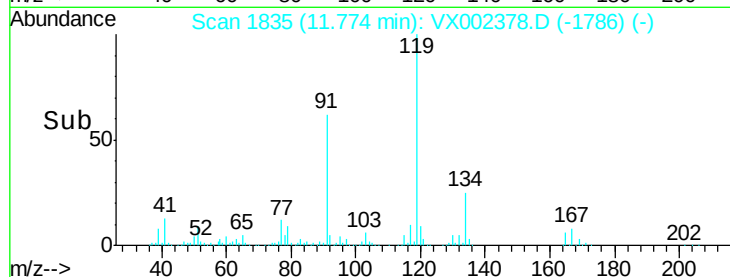
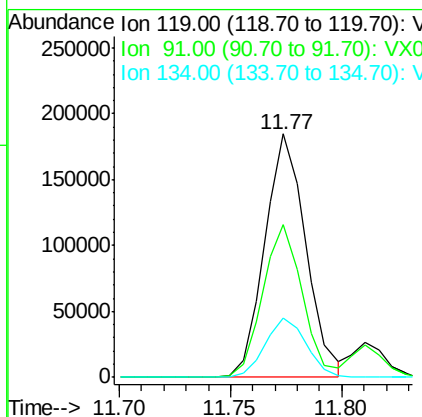
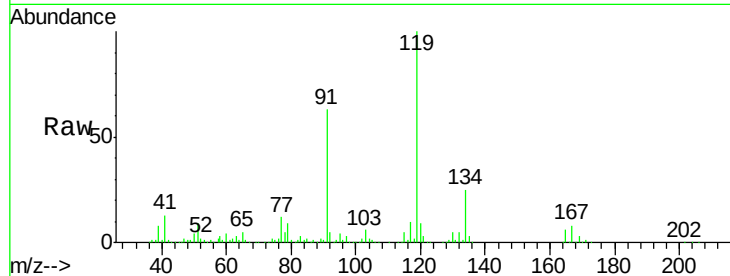
#83
 tert-Butylbenzene
 Concen: 20.286 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	236390		
91	61.0	30.3	90.9	
134	24.3	11.7	35.1	

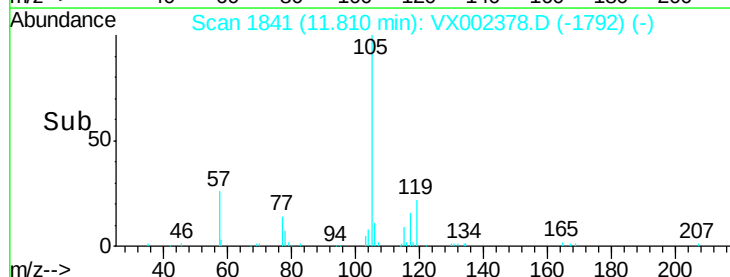
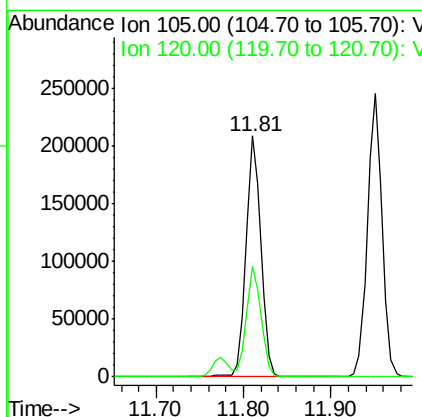
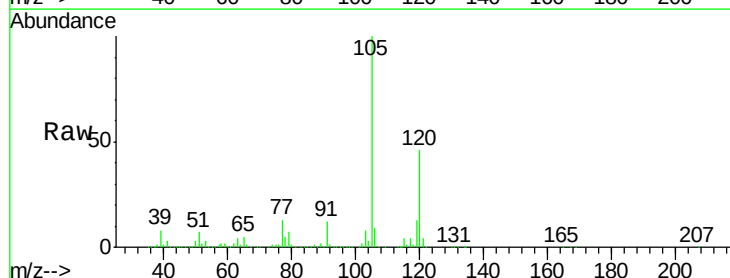
Manual Integrations
 APPROVED

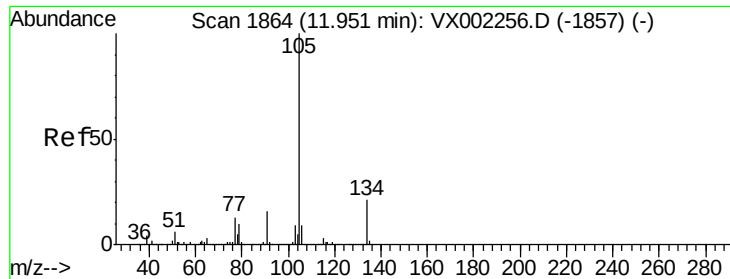
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.065 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247161		
120	44.7	22.3	66.8	





#85

sec-Butylbenzene

Concen: 21.208 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tgt Ion:105 Resp: 289728

Ion Ratio Lower Upper

105 100

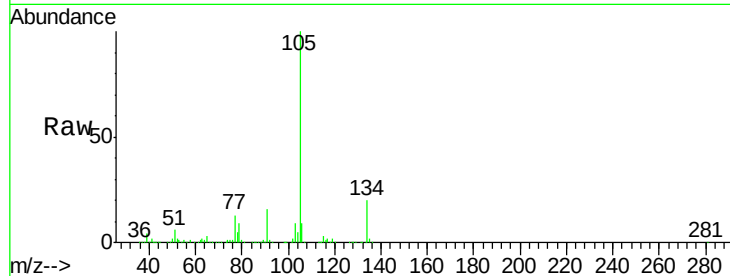
134 20.4 10.4 31.1

Manual Integrations

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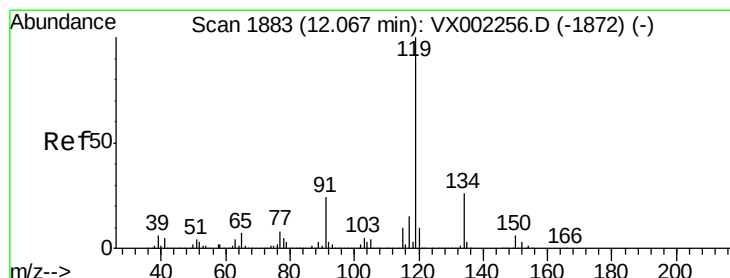
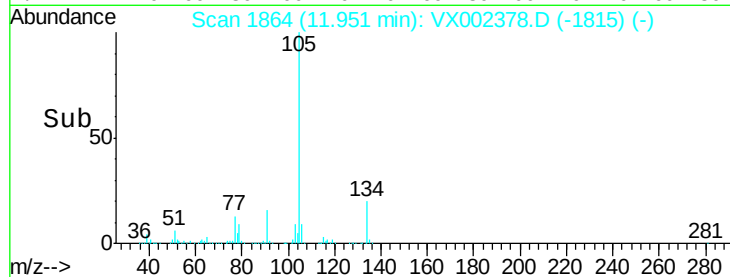
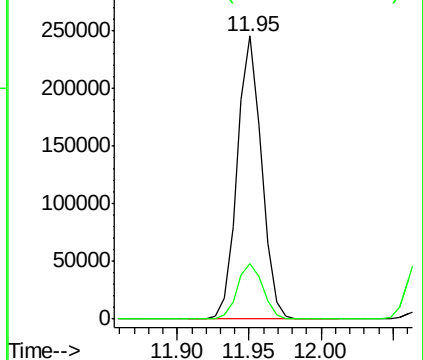
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.701 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

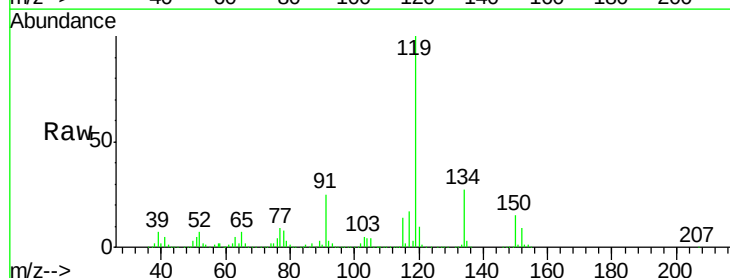
Tgt Ion:119 Resp: 257588

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

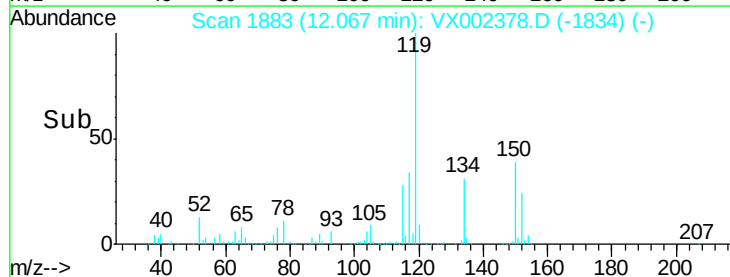
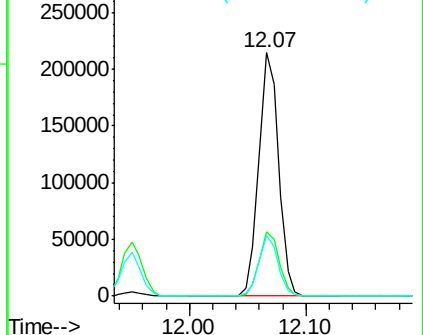
91 24.1 11.9 35.7

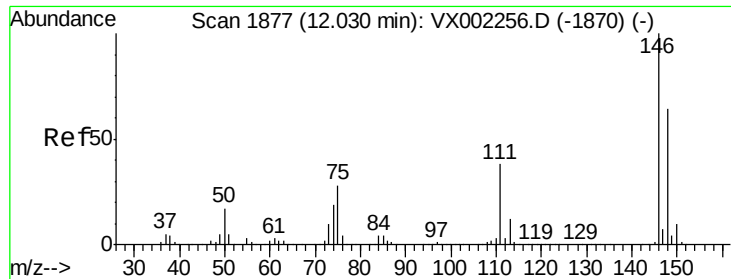


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





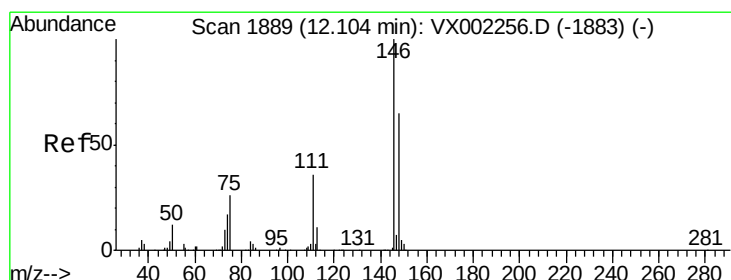
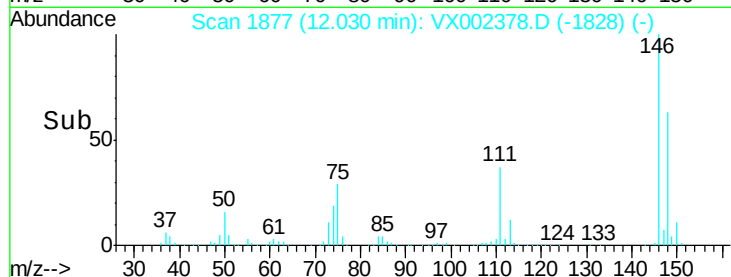
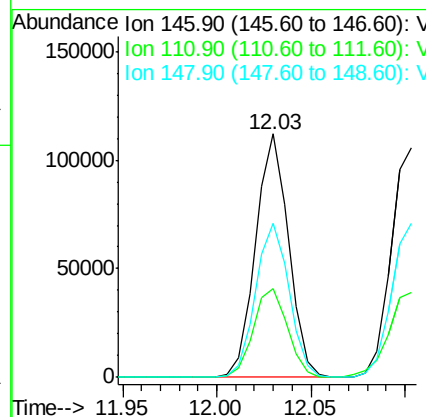
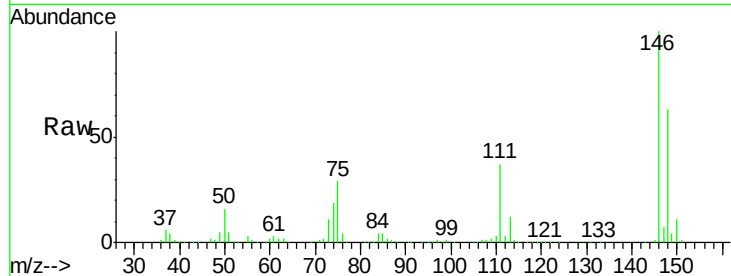
#87
 1,3-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.5	32.1	96.3

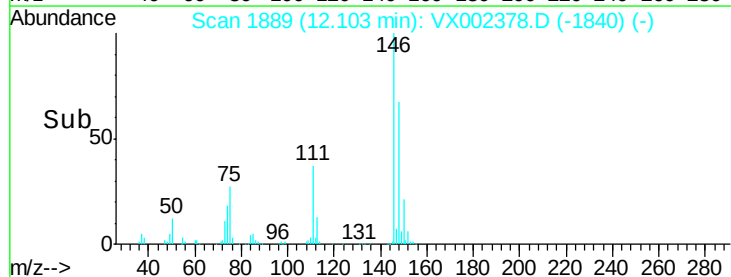
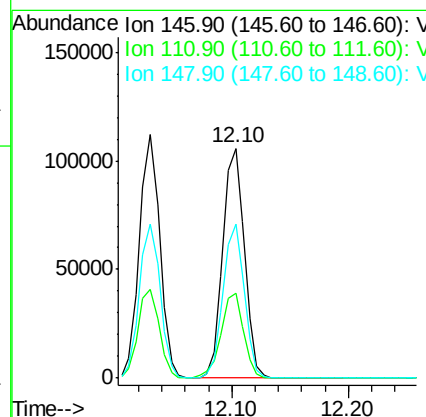
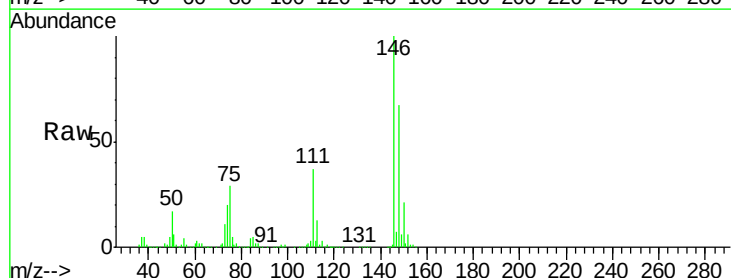
Manual Integrations
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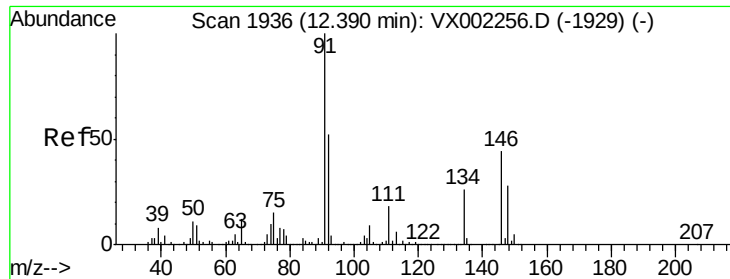
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 6/8/2018 1:20:24 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	66.0	32.4	97.0





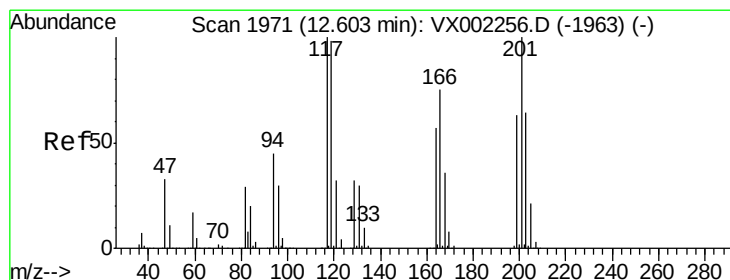
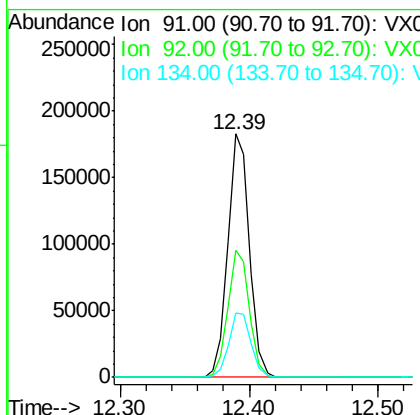
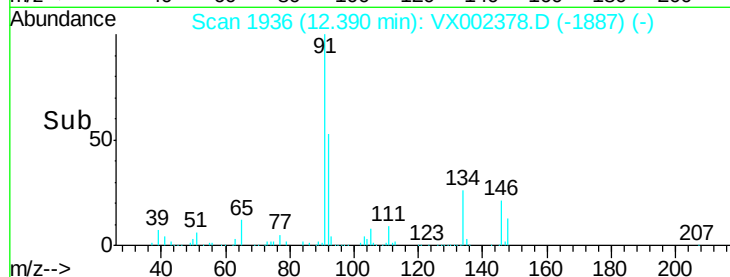
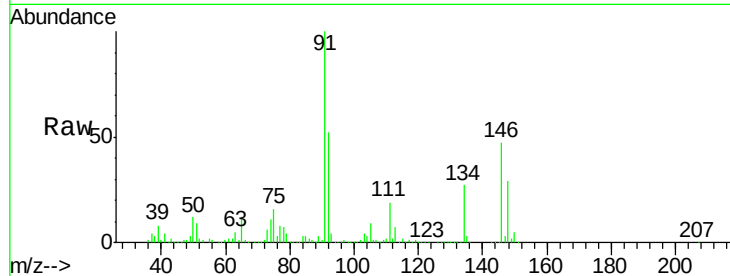
#89
n-Butylbenzene
Concen: 20.648 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.5	13.5	40.5

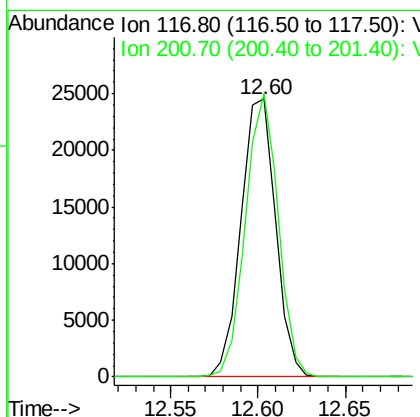
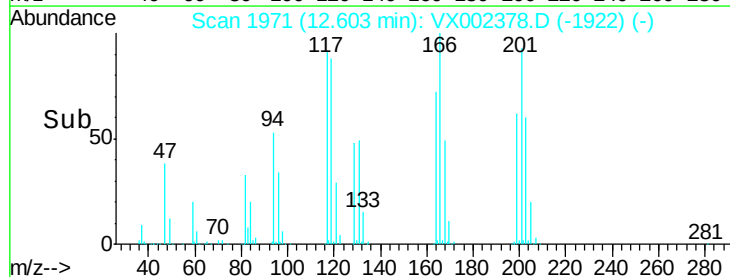
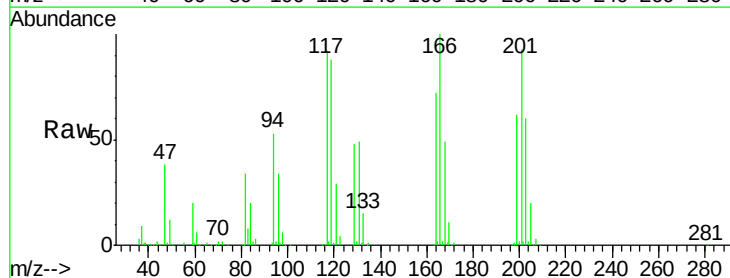
Manual Integrations
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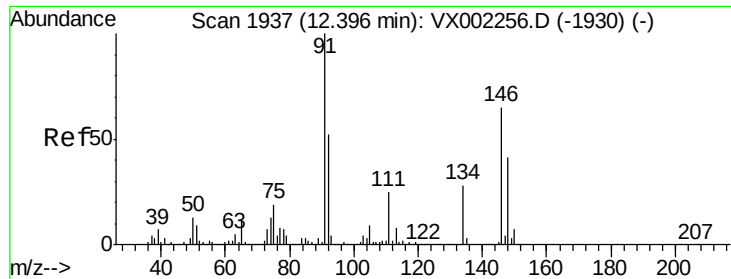
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#90
Hexachloroethane
Concen: 17.020 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.8	49.0	147.0





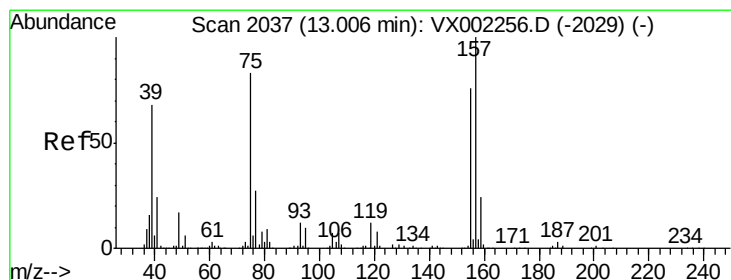
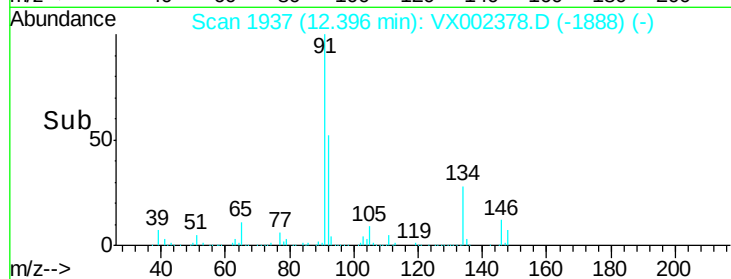
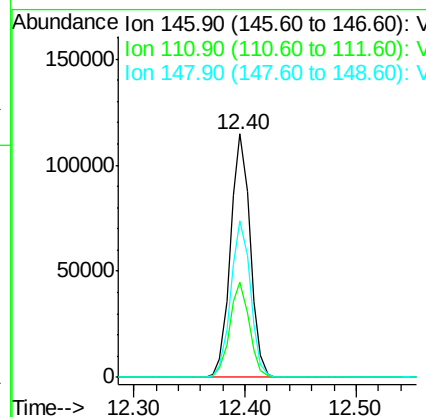
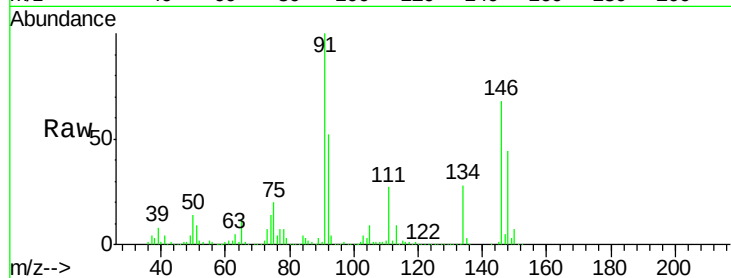
#91
 1,2-Dichlorobenzene
 Concen: 19.327 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	64.2	31.7	95.1

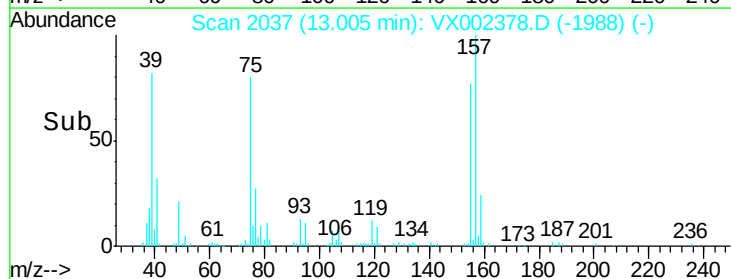
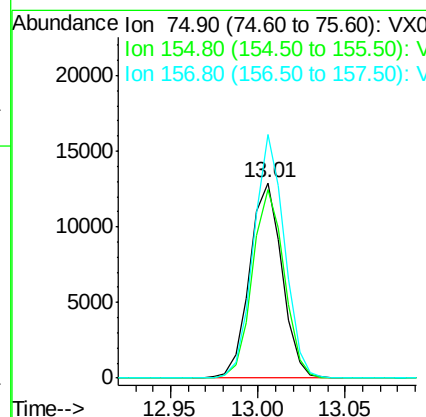
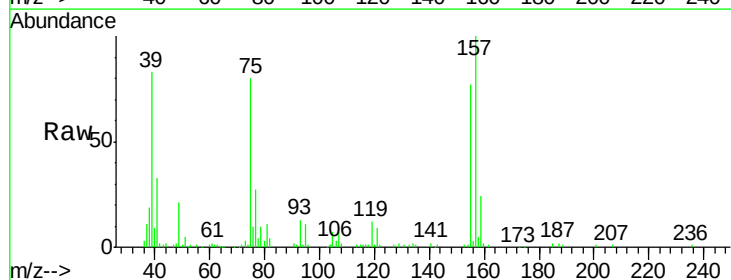
Manual Integrations
 APPROVED

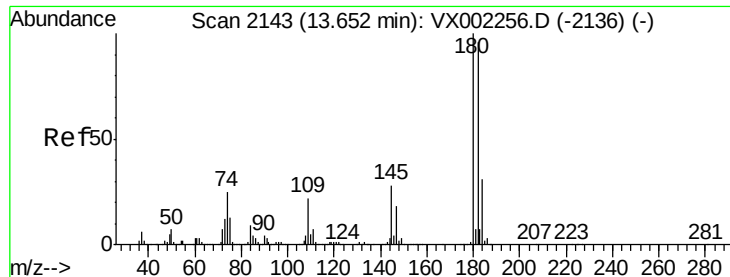
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.302 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	45.8	137.4
157	118.9	60.1	180.3





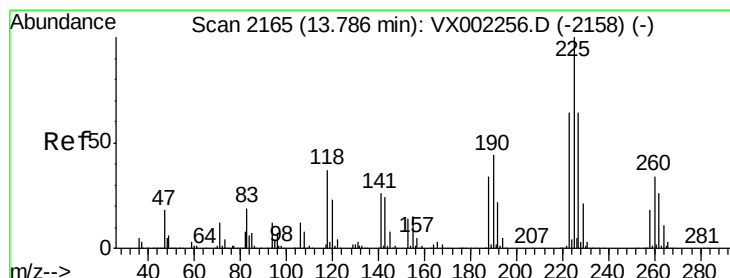
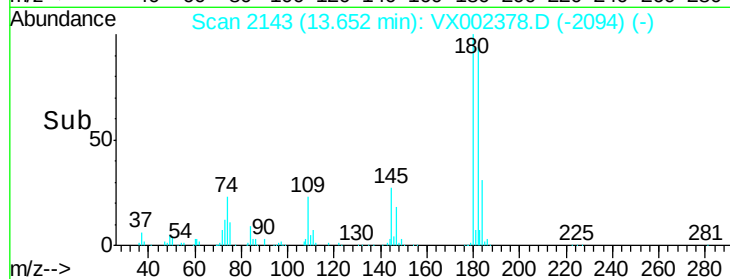
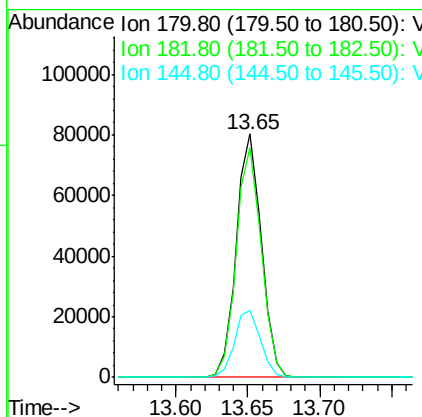
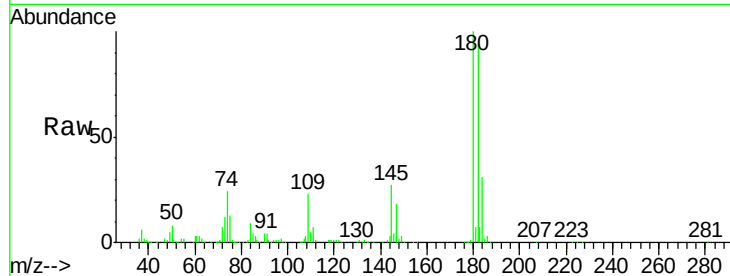
#93
 1,2,4-Trichlorobenzene
 Concen: 19.219 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0607MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97647		
182	94.4	47.7	143.1	
145	28.7	14.1	42.4	

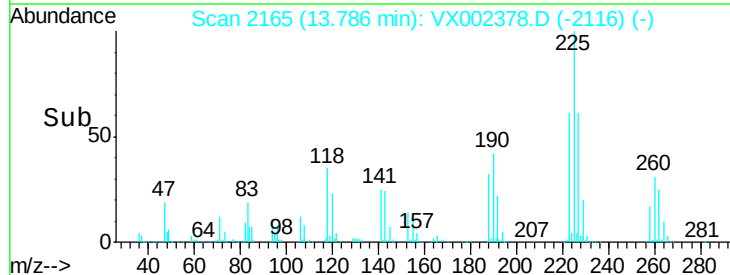
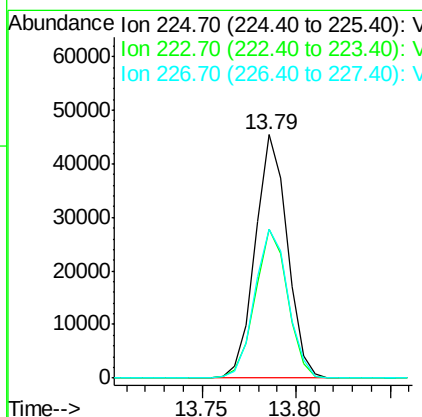
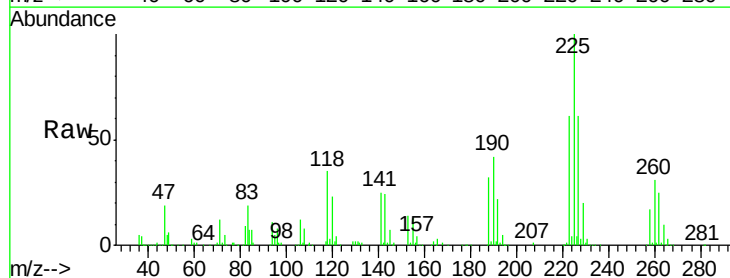
Manual Integrations
 APPROVED

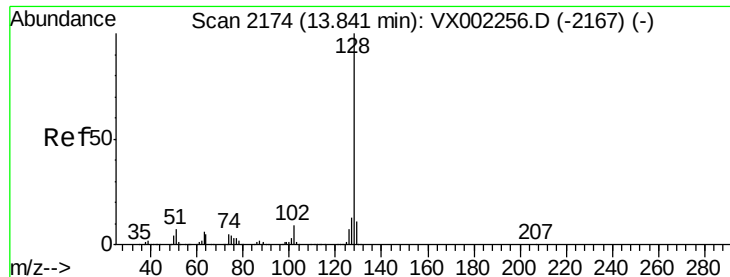
MMDadoda
 6/8/2018 1:20:24 PM



#94
 Hexachlorobutadiene
 Concen: 21.325 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53541		
223	61.9	31.6	95.0	
227	63.6	32.4	97.2	





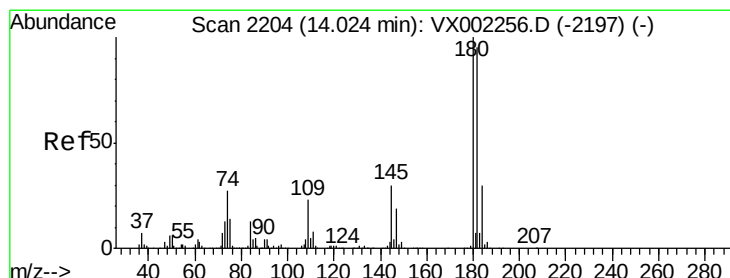
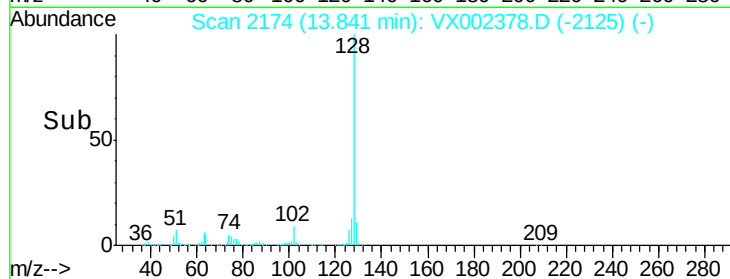
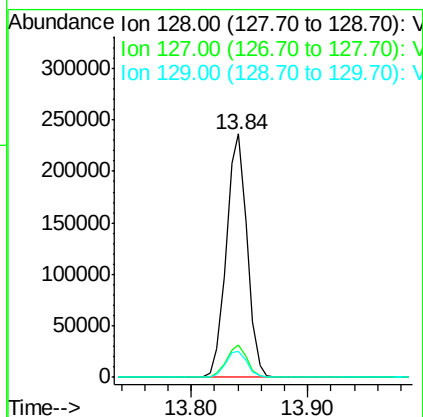
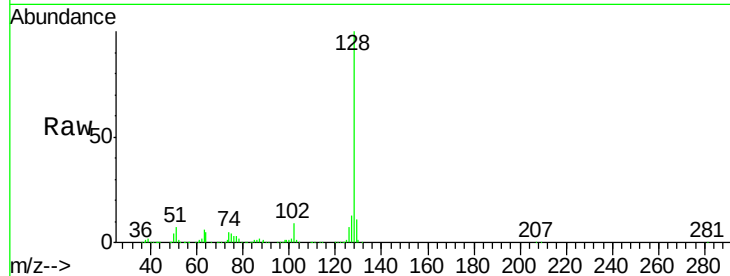
#95
Naphthalene
Concen: 19.873 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	290103		
127	13.1	10.4	15.6	
129	11.3	8.6	13.0	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.706 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102110		
182	97.5	48.0	144.0	
145	30.0	14.8	44.3	

