

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002400.D
 Acq On : 08 Jun 2018 14:30
 Operator : JC/MD
 Sample : VX0608WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:31 AM

Quant Time: Jun 09 02:00:54 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	229496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157663	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	118172	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	8.72	98	445463	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	167247	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46469	19.48	ug/l	99
3) Chloromethane	1.32	50	52000	17.14	ug/l	100
4) Vinyl Chloride	1.40	62	57215	19.03	ug/l	96
5) Bromomethane	1.64	94	36325	19.30	ug/l	98
6) Chloroethane	1.73	64	39635	20.38	ug/l	99
7) Trichlorofluoromethane	1.93	101	98066	21.41	ug/l	96
8) Diethyl Ether	2.19	74	38657	22.42	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57012	23.06	ug/l	98
10) Methyl Iodide	2.51	142	53449	15.37	ug/l	99
11) Tert butyl alcohol	3.07	59	80324	108.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48143	19.71	ug/l	98
13) Acrolein	2.29	56	34064	98.63	ug/l	94
14) Allyl chloride	2.73	41	99723	18.81	ug/l	99
15) Acrylonitrile	3.15	53	163668	111.83	ug/l	100
16) Acetone	2.45	43	169769	109.51	ug/l	99
17) Carbon Disulfide	2.57	76	109785	17.05	ug/l	98
18) Methyl Acetate	2.78	43	79026	22.55	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	202923	22.54	ug/l	100
20) Methylene Chloride	2.86	84	59194	21.22	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53553	19.88	ug/l	97
22) Diisopropyl ether	3.87	45	190369	20.62	ug/l	97
23) Vinyl Acetate	3.82	43	897526	104.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104289	19.90	ug/l	99
25) 2-Butanone	4.71	43	215262	95.66	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69276	16.91	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	54340	18.55	ug/l	97
28) Bromochloromethane	5.02	49	47679	19.20	ug/l	98
29) Tetrahydrofuran	5.17	42	137051	94.47	ug/l	98
30) Chloroform	5.22	83	95708	18.93	ug/l	98
31) Cyclohexane	5.58	56	79637	19.22	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	80185	18.70	ug/l	98
36) 1,1-Dichloropropene	5.81	75	66019	19.30	ug/l	98
37) Ethyl Acetate	4.87	43	83307	20.25	ug/l	99
38) Carbon Tetrachloride	5.79	117	68082	19.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84561	20.17	ug/l	96
40) Benzene	6.15	78	203732	19.42	ug/l	98
41) Methacrylonitrile	5.06	41	47154	20.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84653	20.31	ug/l	100
43) Isopropyl Acetate	6.47	43	138098	19.76	ug/l	100
44) Trichloroethene	7.21	130	58227	20.00	ug/l	94
45) 1,2-Dichloropropane	7.52	63	56304	19.88	ug/l	100
46) Dibromomethane	7.67	93	38694	20.16	ug/l	98
47) Bromodichloromethane	7.90	83	66699	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	70280	20.02	ug/l	98
49) 1,4-Dioxane	7.76	88	28223	430.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	446807	102.67	ug/l	100
52) Toluene	8.79	92	132928	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79894	19.19	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	73927	18.82	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	57576	20.98	ug/l	99
56) Ethyl methacrylate	9.18	69	88096	20.11	ug/l	98
57) 1,3-Dichloropropane	9.38	76	94612	20.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219411	108.22	ug/l	99
59) 2-Hexanone	9.50	43	341871	101.71	ug/l	100
60) Dibromochloromethane	9.59	129	52792	19.13	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59010	20.63	ug/l	100
64) Tetrachloroethene	9.34	164	64297	19.86	ug/l	95
65) Chlorobenzene	10.14	112	154460	19.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54756	19.36	ug/l	100
67) Ethyl Benzene	10.26	91	262376	20.07	ug/l	99
68) m/p-Xylenes	10.36	106	200989	39.56	ug/l	100
69) o-Xylene	10.70	106	99475	19.67	ug/l	100
70) Styrene	10.71	104	165304	20.00	ug/l	99
71) Bromoform	10.86	173	39223	17.87	ug/l #	100
73) Isopropylbenzene	11.02	105	273485	20.29	ug/l	99
74) N-amyl acetate	6.47	43	138098	19.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85230	20.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83938m	19.75	ug/l	
77) Bromobenzene	11.26	156	74123	19.59	ug/l	98
78) n-propylbenzene	11.37	91	308697	20.61	ug/l	100
79) 2-Chlorotoluene	11.43	91	184740	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230659	19.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19927	16.43	ug/l	87
82) 4-Chlorotoluene	11.51	91	212011	19.42	ug/l	99
83) tert-Butylbenzene	11.77	119	230134	20.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	236837	19.90	ug/l	99
85) sec-Butylbenzene	11.95	105	280118	21.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	251119	20.89	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133768	19.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135181	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	215047	21.33	ug/l	100
90) Hexachloroethane	12.60	117	33483	17.45	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	137670	19.67	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17783	19.19	ug/l	98

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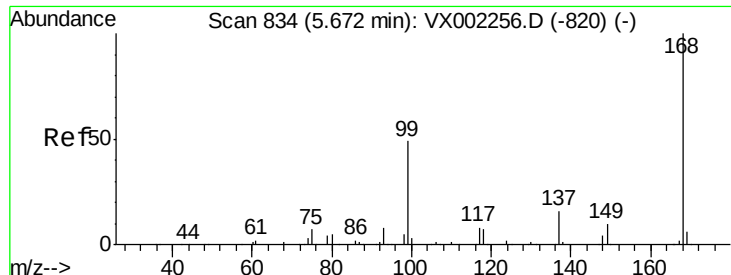
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98475	20.06	ug/l	100
94) Hexachlorobutadiene	13.79	225	53534	22.07	ug/l	99
95) Naphthalene	13.84	128	288555	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103831	20.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 168 Resp: 229496

Ion Ratio Lower Upper

168 100

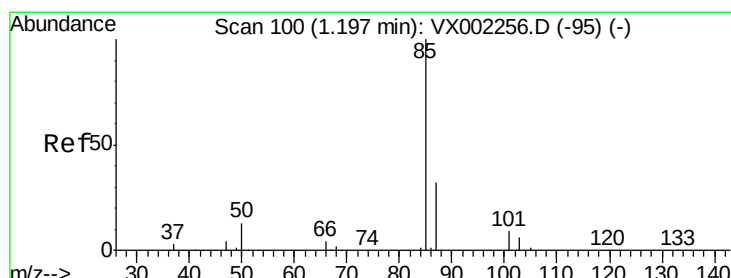
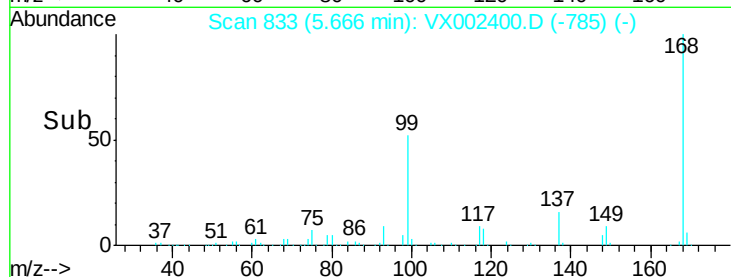
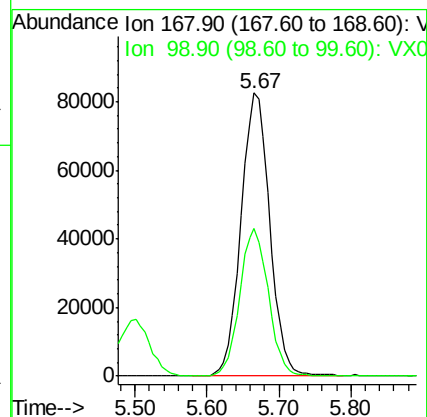
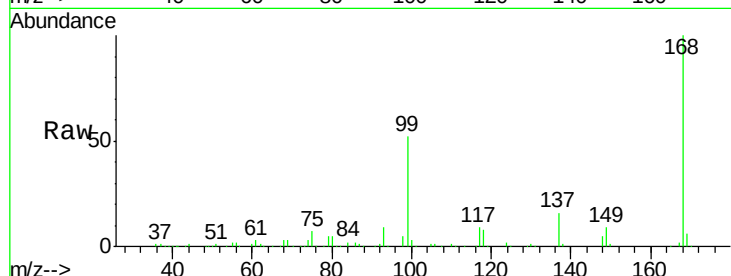
99 51.8 39.3 58.9

Manual Integrations

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6/11/2018 9:30:31 AM



#2

Dichlorodifluoromethane

Concen: 19.48 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002400.D

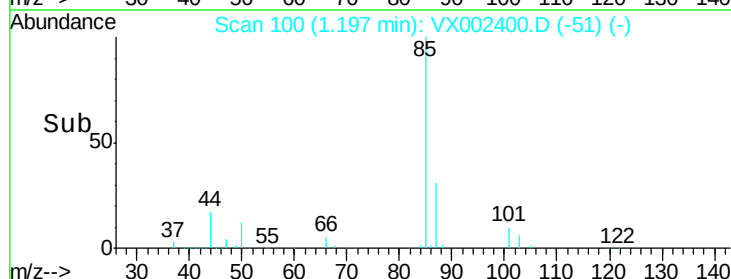
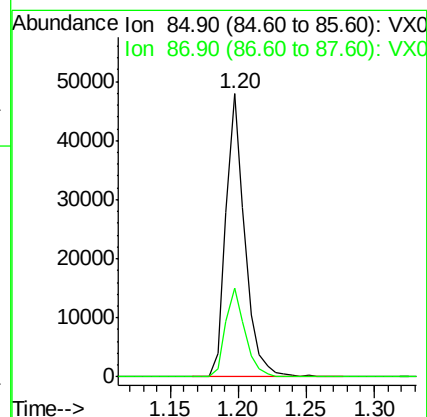
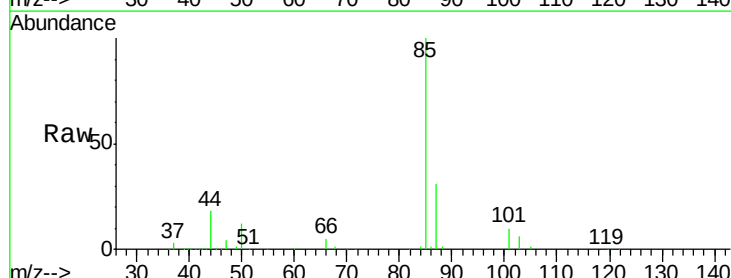
Acq: 08 Jun 2018 14:30

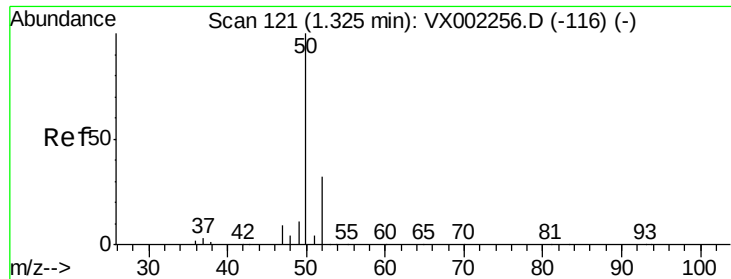
Tgt Ion: 85 Resp: 46469

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9





#3

Chloromethane

Concen: 17.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 50 Resp: 52000

Ion Ratio Lower Upper

50 100

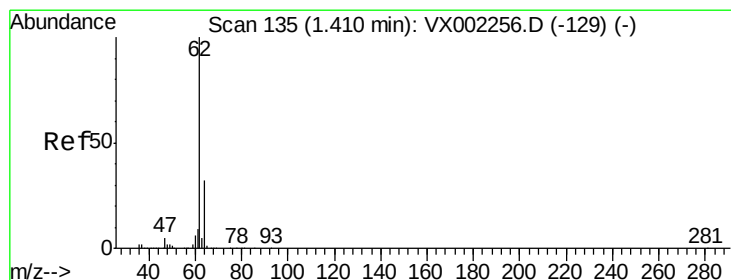
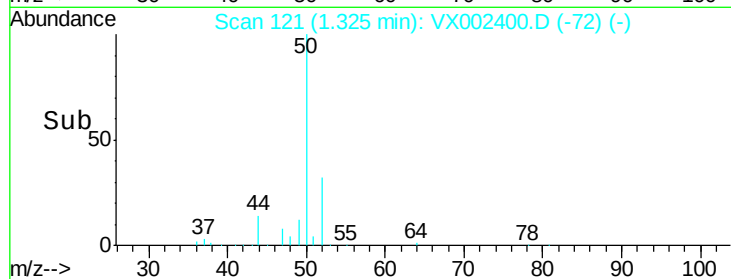
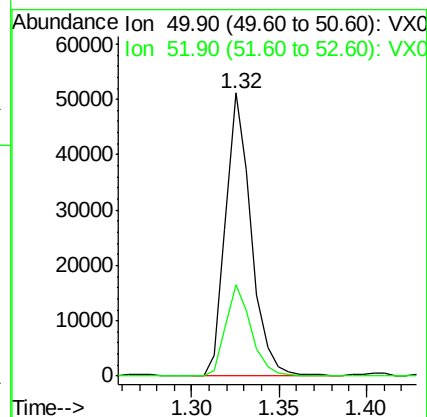
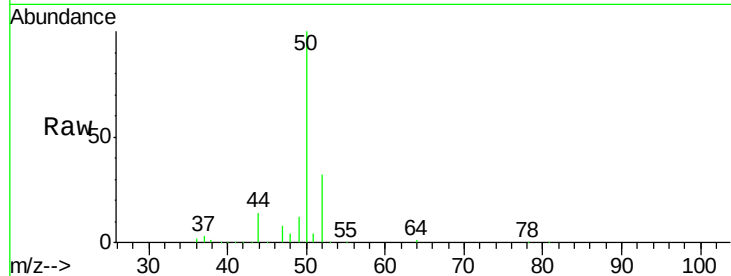
52 32.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002400.D

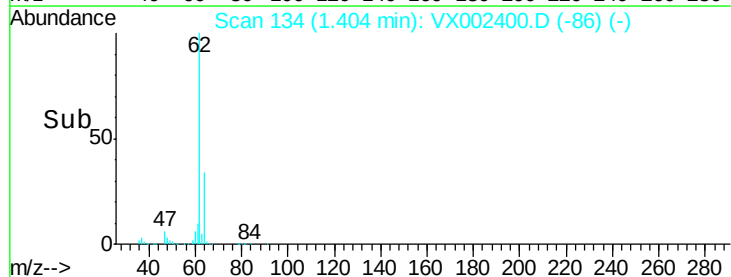
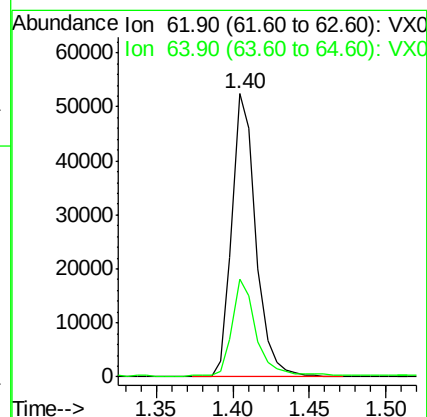
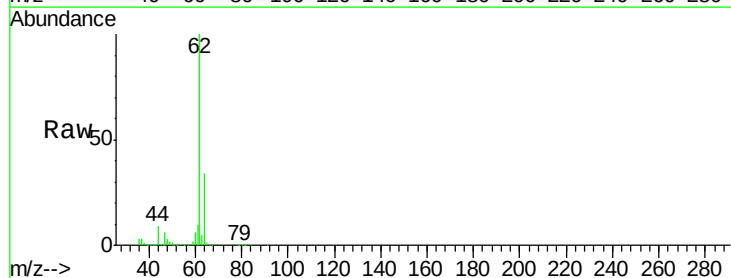
Acq: 08 Jun 2018 14:30

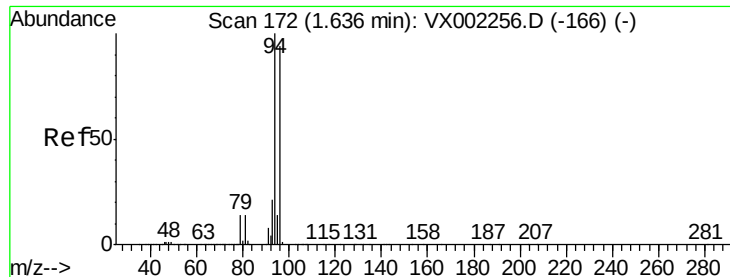
Tgt Ion: 62 Resp: 57215

Ion Ratio Lower Upper

62 100

64 34.0 25.4 38.2





#5

Bromomethane

Concen: 19.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 94 Resp: 36325

Ion Ratio Lower Upper

94 100

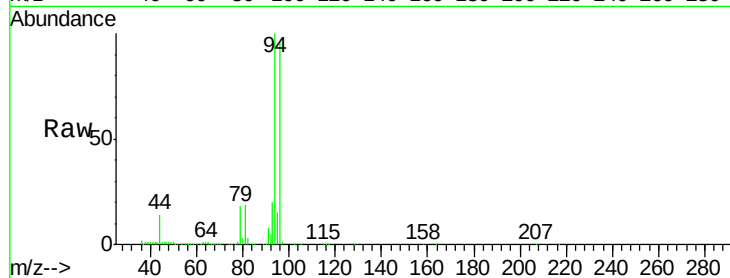
96 95.8 74.9 112.3

Manual Integrations

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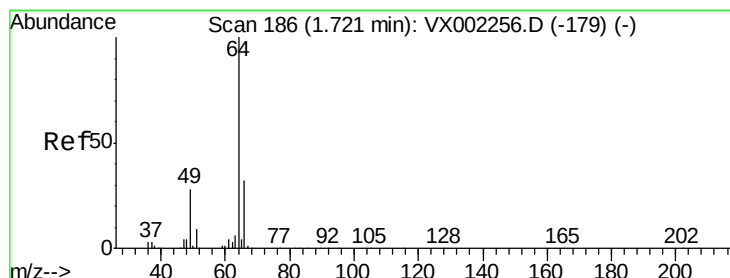
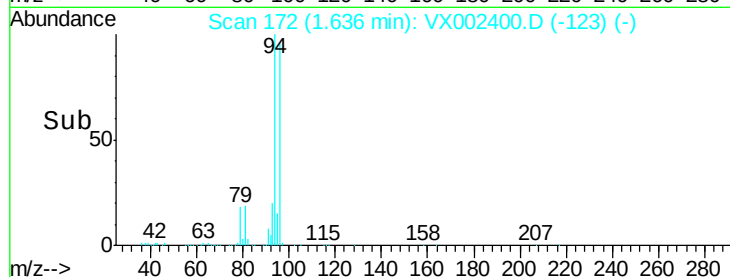
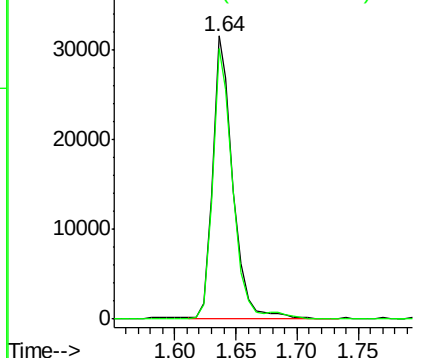
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002400.D

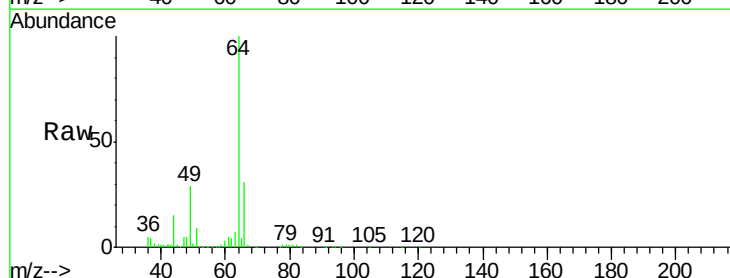
Acq: 08 Jun 2018 14:30

Tgt Ion: 64 Resp: 39635

Ion Ratio Lower Upper

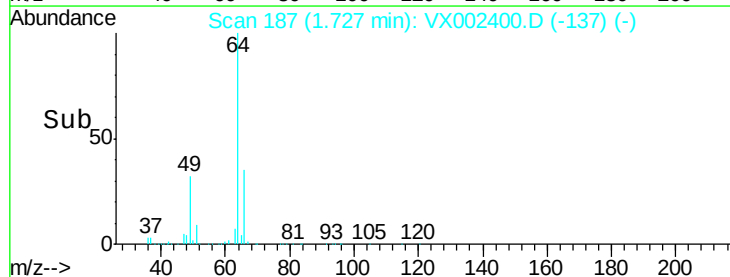
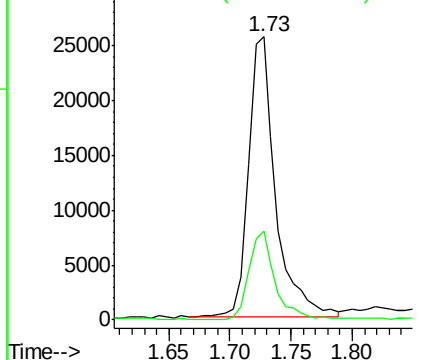
64 100

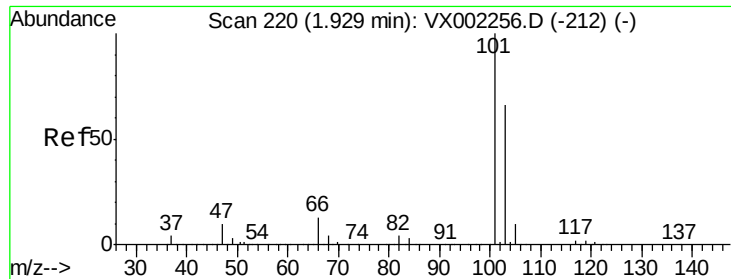
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

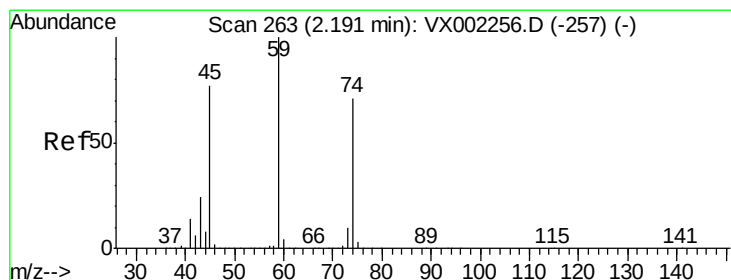
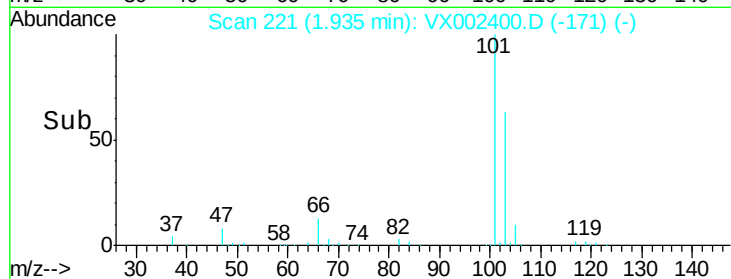
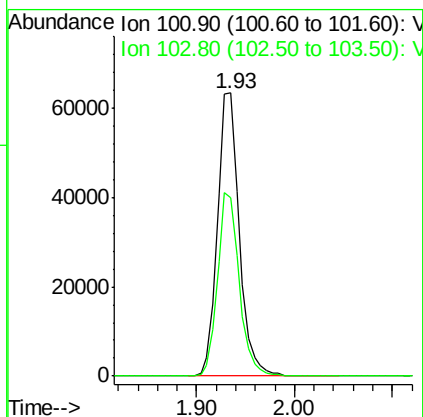
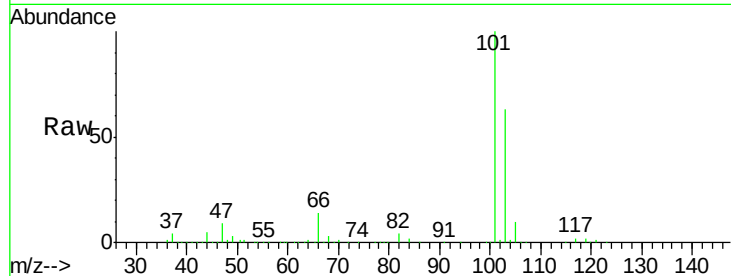
Trichlorofluoromethane
 Concen: 21.41 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
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 ClientSampleId :
 VX0608WBSD02

Tgt Ion:101 Resp: 98066
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.8 79.2

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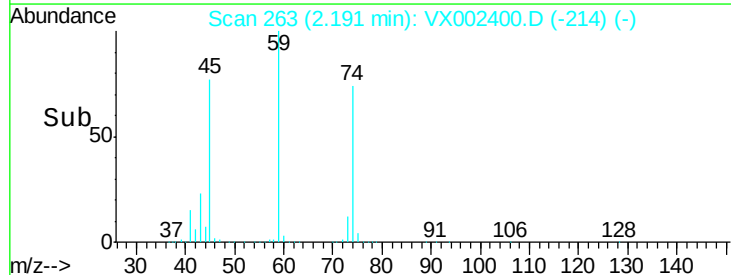
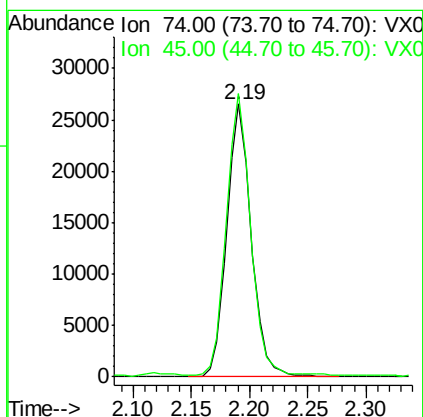
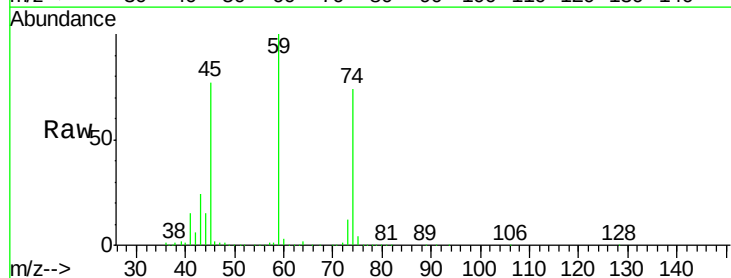
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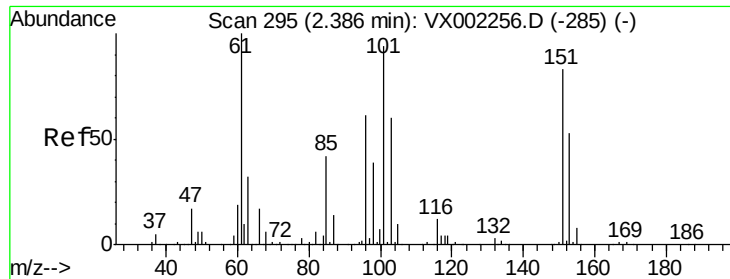


#8

Diethyl Ether
 Concen: 22.42 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 74 Resp: 38657
 Ion Ratio Lower Upper
 74 100
 45 102.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.06 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

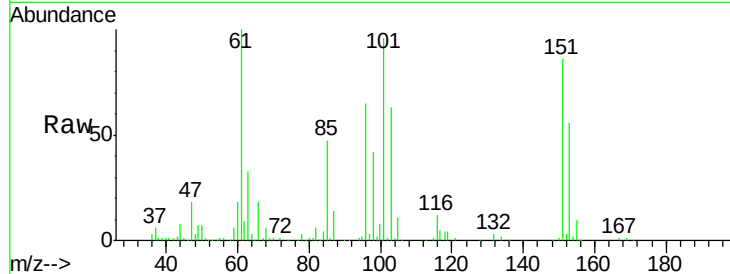
ClientSampleId :

VX0608WBSD02

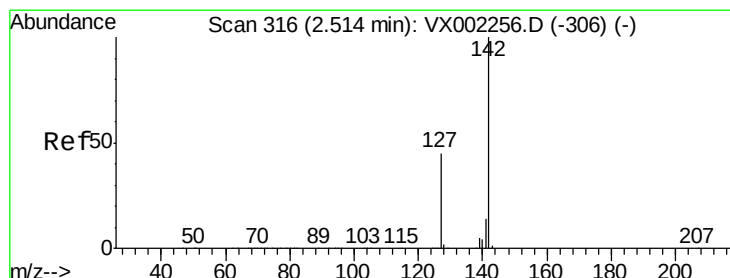
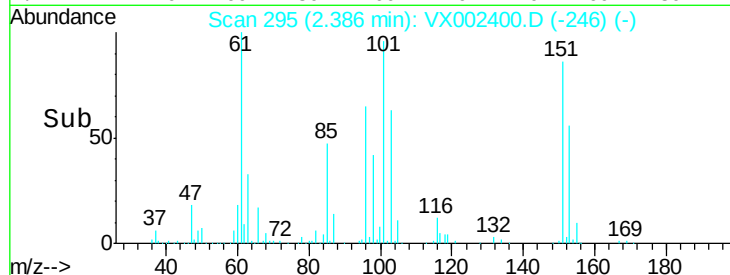
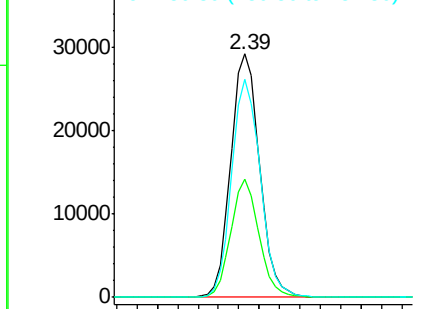
Tgt Ion:	101	Resp:	57012
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.0	54.0
151	89.3	70.9	106.3

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.37 ug/l

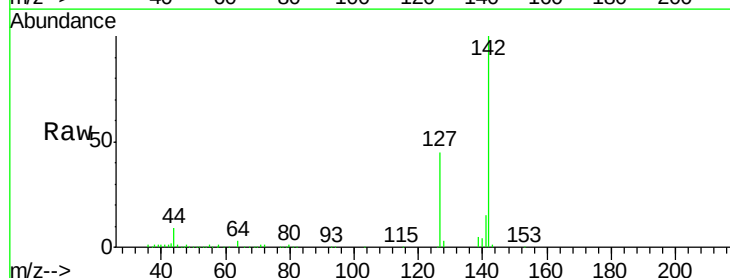
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

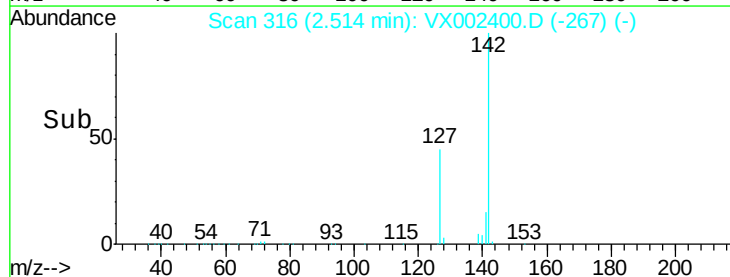
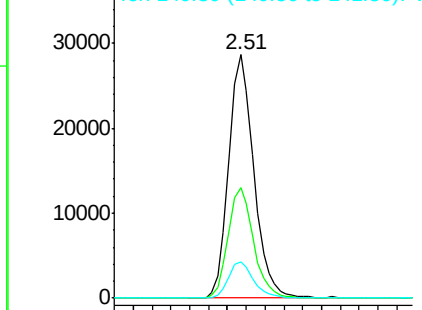
Lab File: VX002400.D

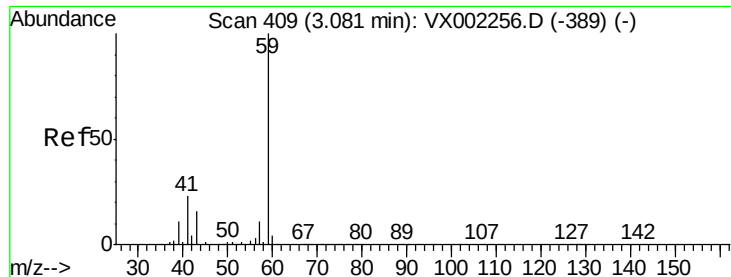
Acq: 08 Jun 2018 14:30

Tgt Ion:	142	Resp:	53449
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	55.0
141	14.9	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

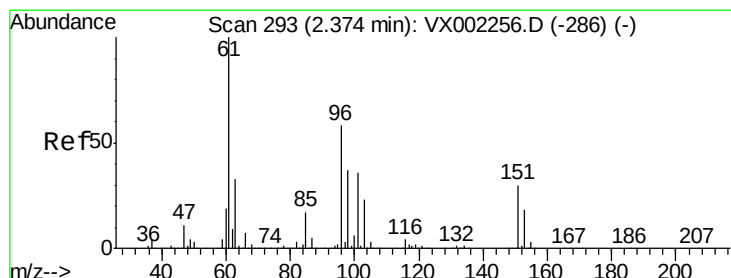
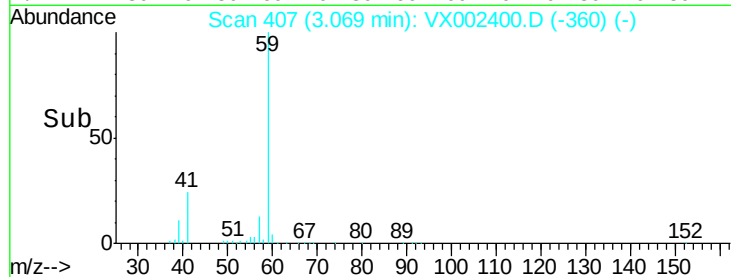
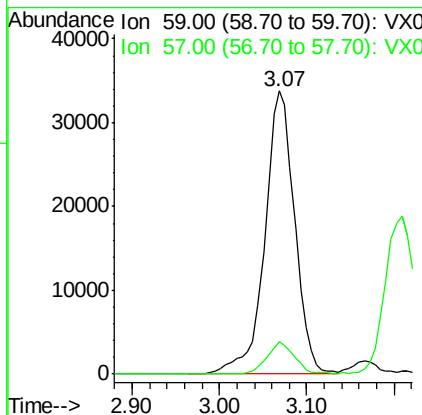
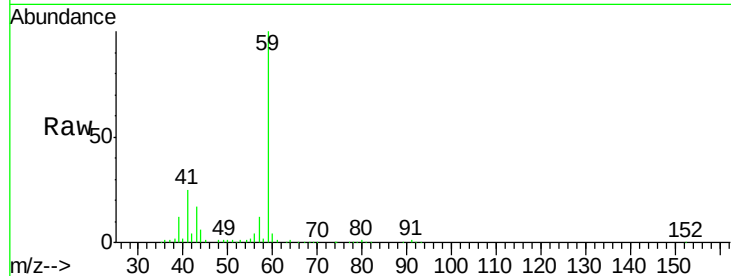
Tert butyl alcohol
Concen: 108.20 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

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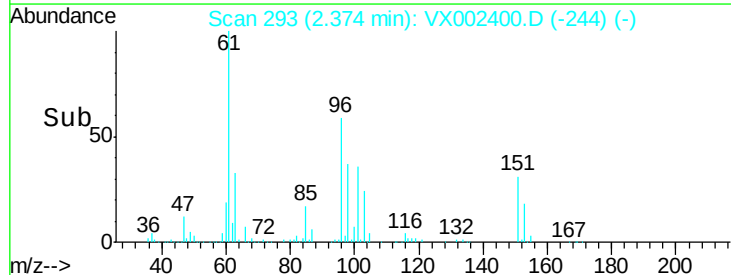
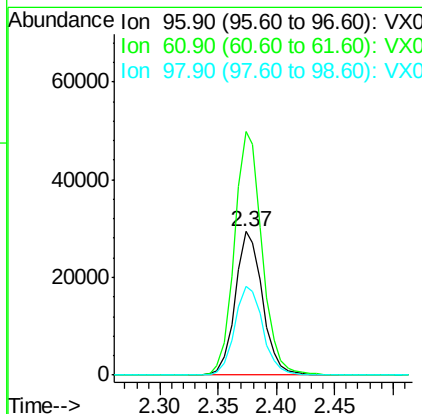
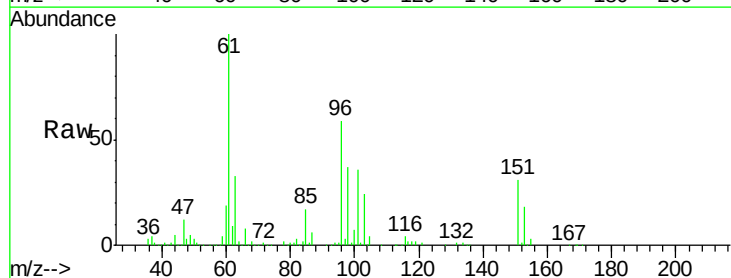
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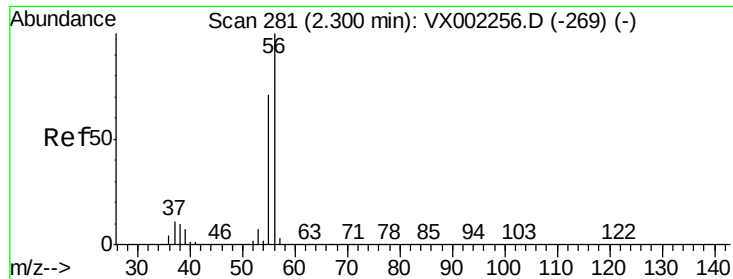


#12

1,1-Dichloroethene
Concen: 19.71 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	137.9	206.9
98	62.4	51.6	77.4





#13

Acrolein

Concen: 98.63 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 56 Resp: 34064

Ion Ratio Lower Upper

56 100

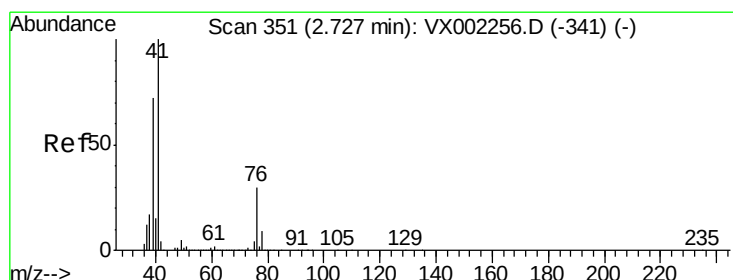
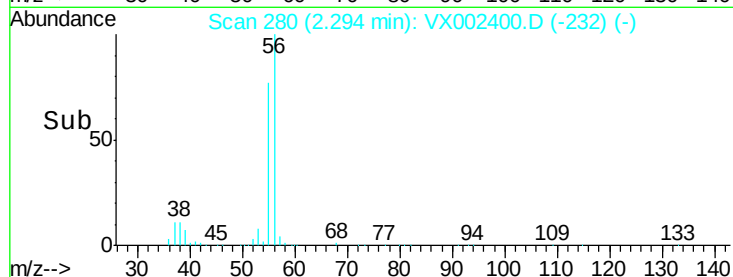
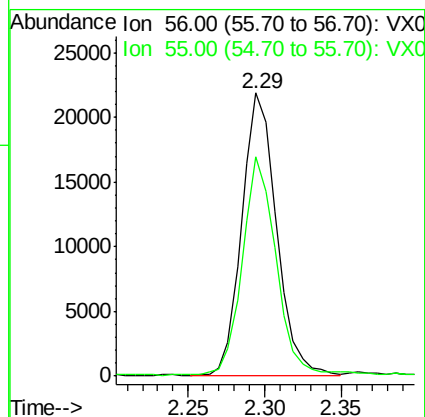
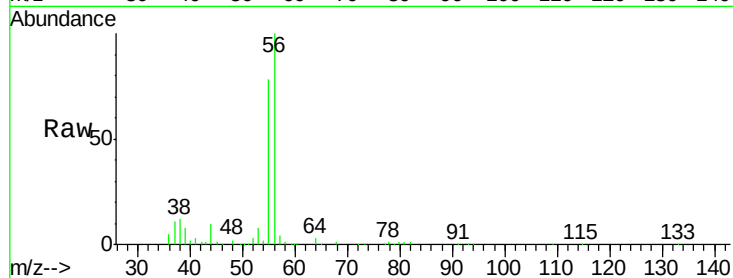
55 76.0 57.0 85.4

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#14

Allyl chloride

Concen: 18.81 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

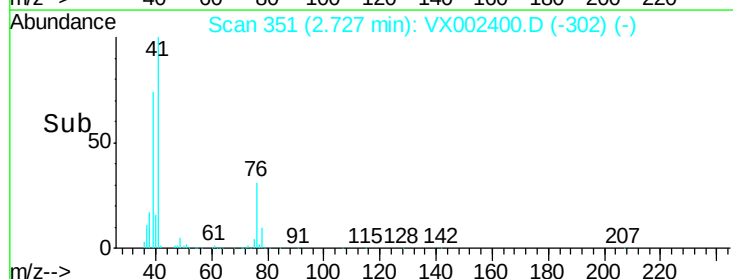
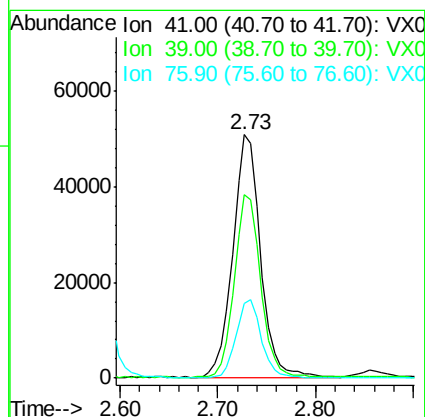
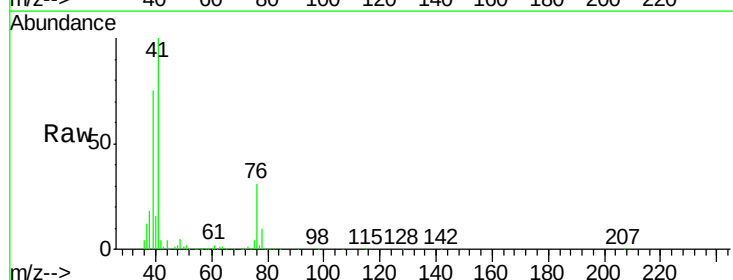
Tgt Ion: 41 Resp: 99723

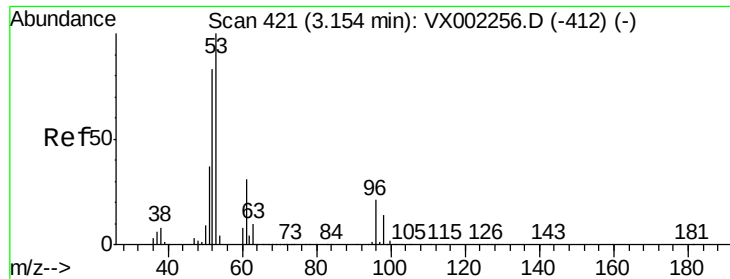
Ion Ratio Lower Upper

41 100

39 71.7 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 111.83 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

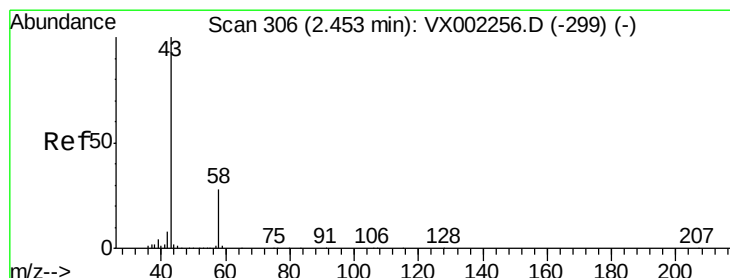
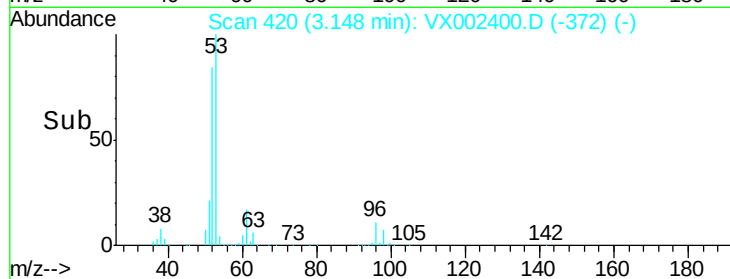
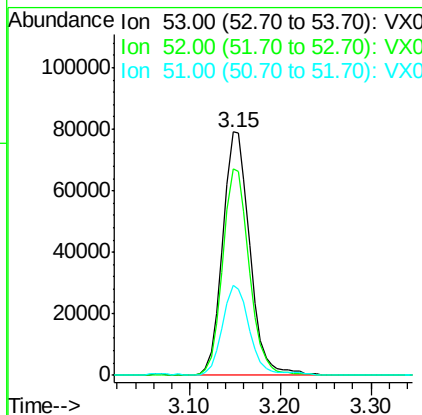
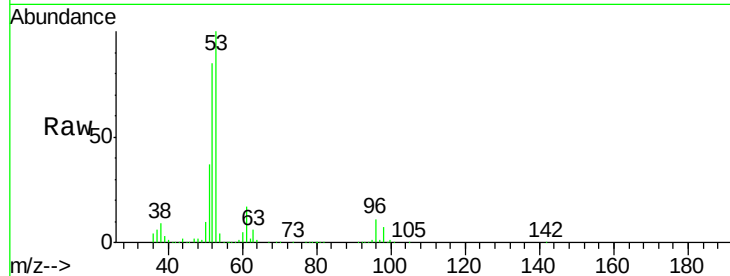
ClientSampleId :

VX0608WBSD02

Tgt Ion:	53	Resp:	163668
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.7	100.1
51	37.4	29.9	44.9

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#16

Acetone

Concen: 109.51 ug/l

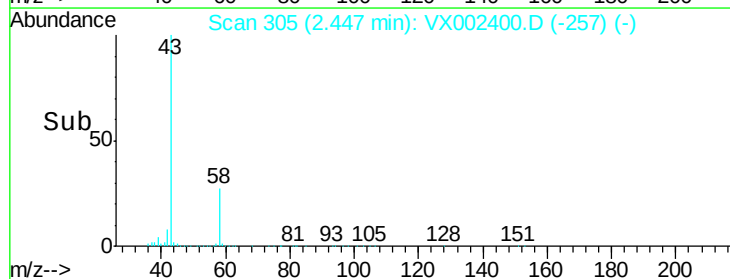
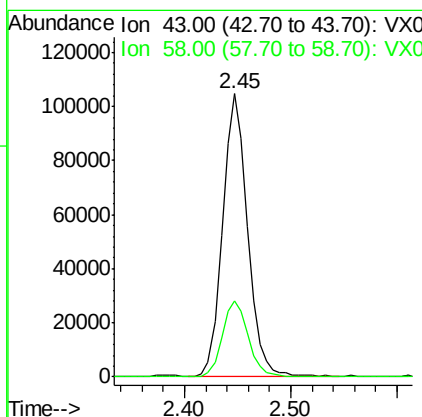
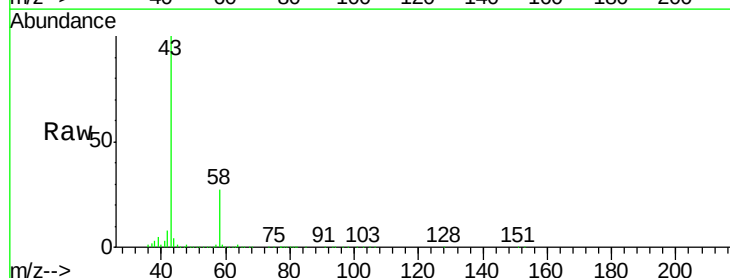
RT: 2.45 min Scan# 305

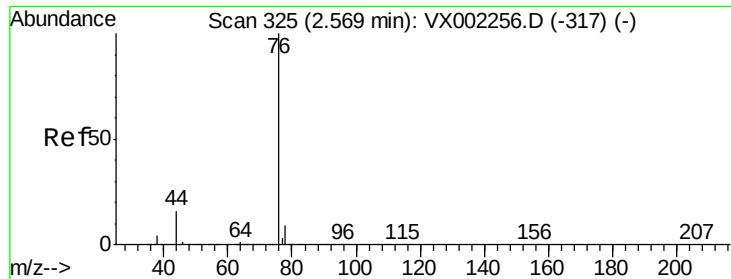
Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	43	Resp:	169769
Ion Ratio		Lower	Upper
43	100		
58	26.8	22.1	33.1





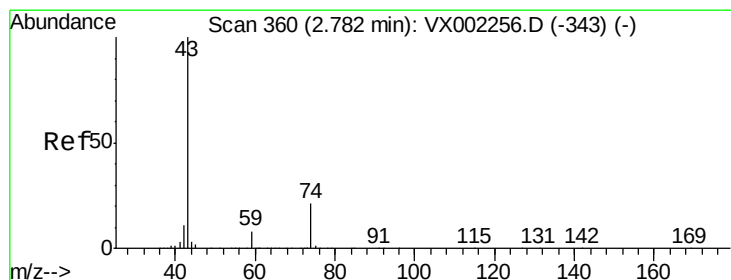
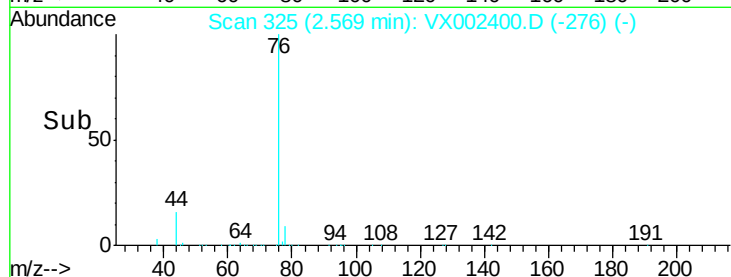
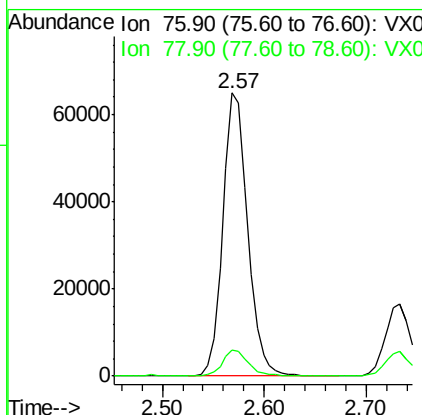
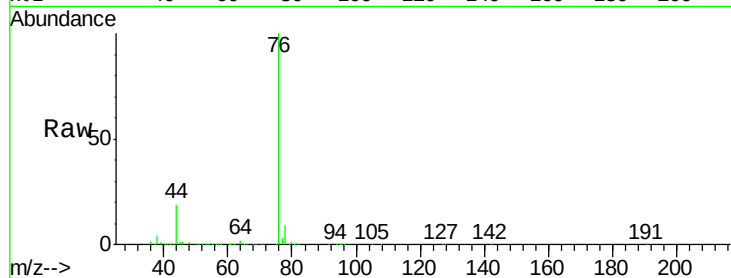
#17
Carbon Disulfide
Concen: 17.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

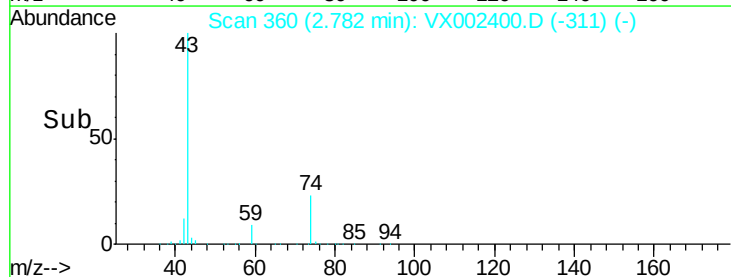
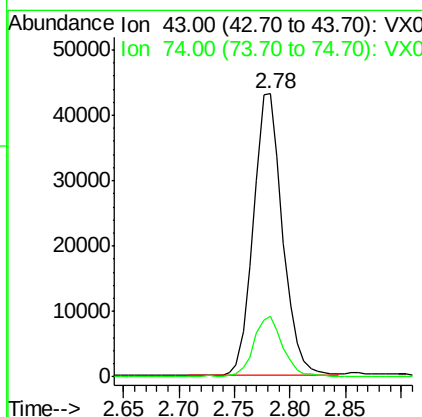
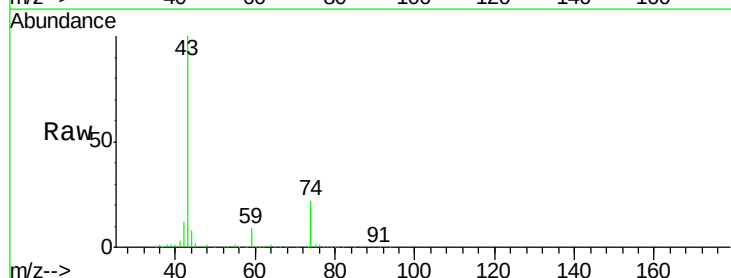
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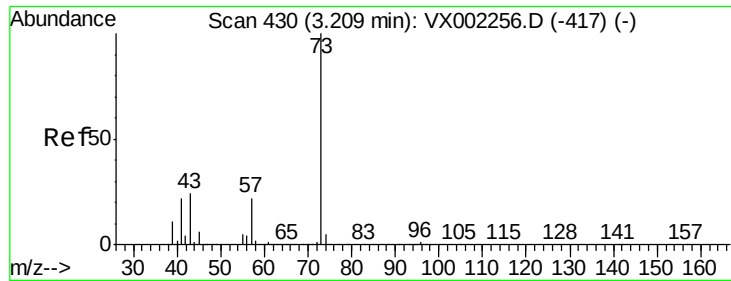
MMDadoda
6/11/2018 9:30:31 AM



#18
Methyl Acetate
Concen: 22.55 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.7	25.1





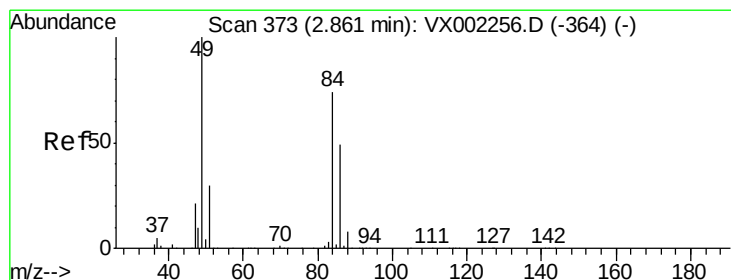
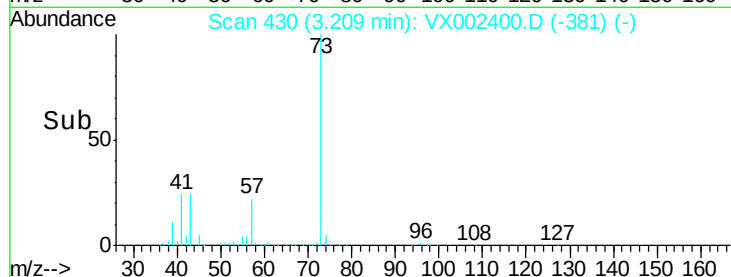
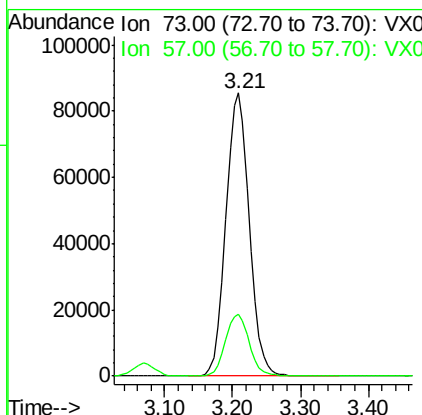
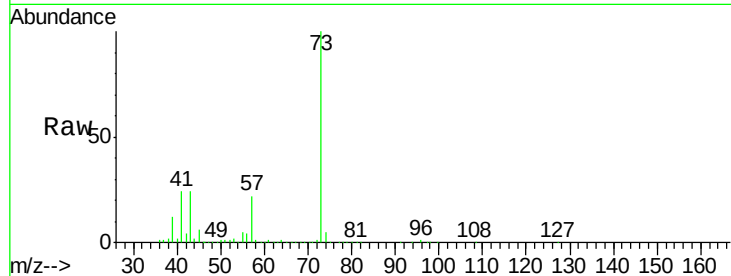
#19
Methyl tert-butyl Ether
Concen: 22.54 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion: 73 Resp: 202923
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

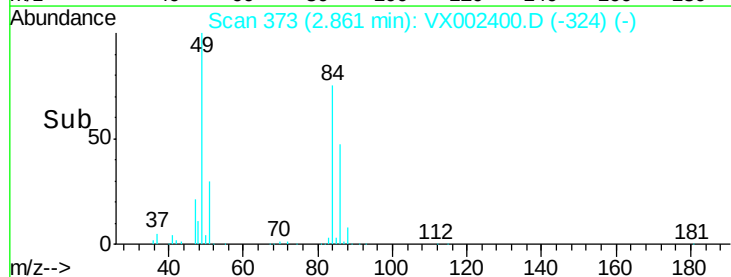
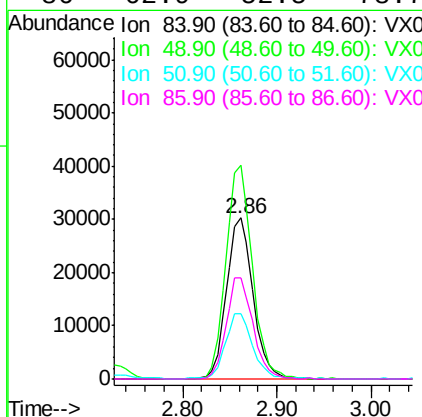
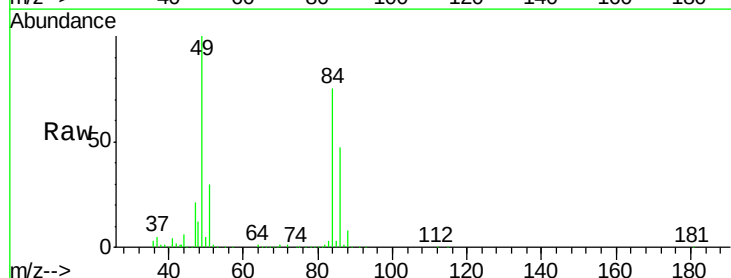
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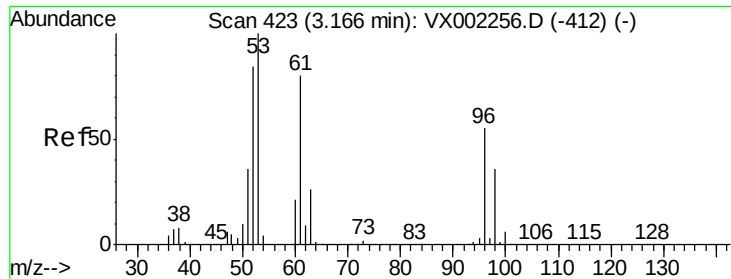
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#20
Methylene Chloride
Concen: 21.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 84 Resp: 59194
Ion Ratio Lower Upper
84 100
49 132.3 107.8 161.6
51 40.0 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

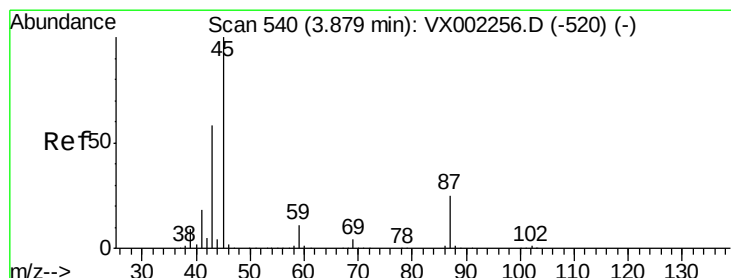
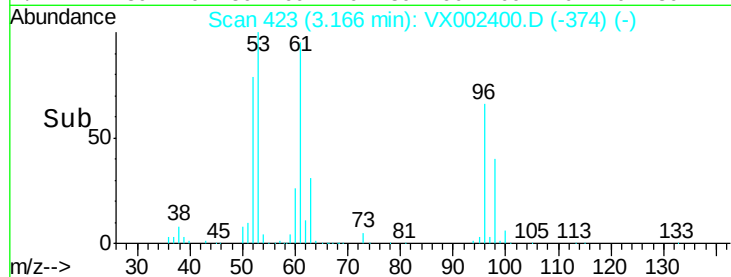
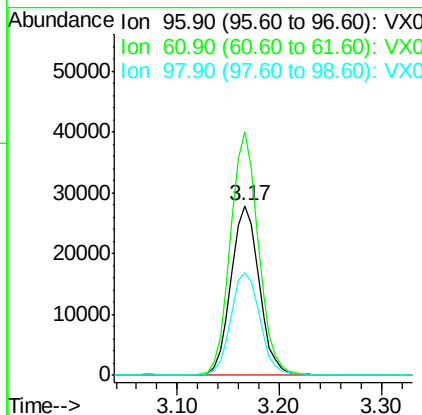
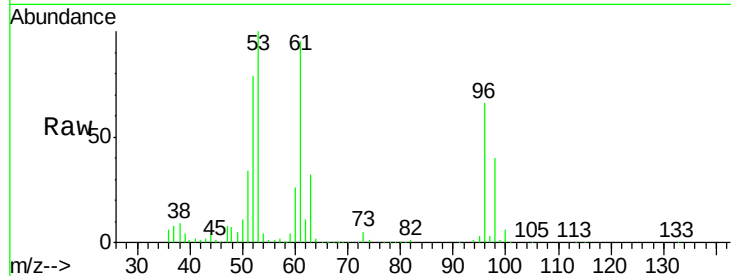
ClientSampleId :

VX0608WBSD02

Tgt Ion:	96	Resp:	53553
Ion	Ratio	Lower	Upper
96	100		
61	143.2	117.0	175.4
98	60.8	52.4	78.6

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#22

Diisopropyl ether

Concen: 20.62 ug/l

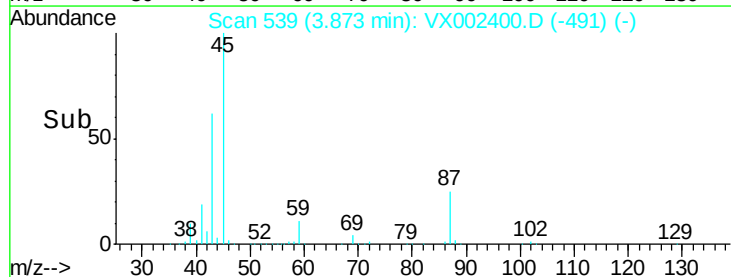
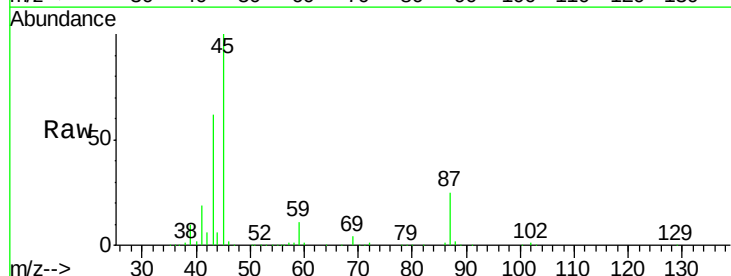
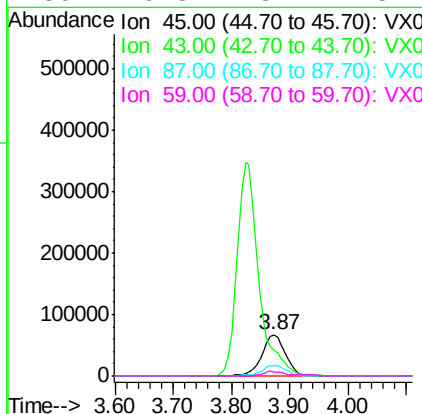
RT: 3.87 min Scan# 539

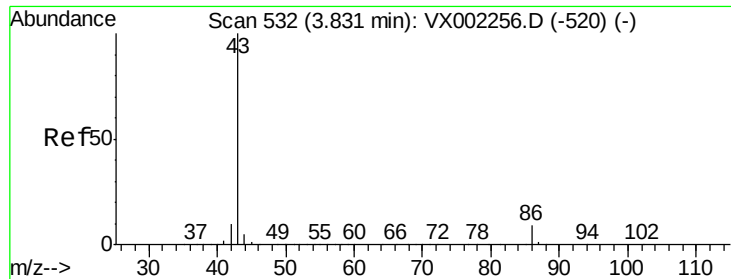
Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	45	Resp:	190369
Ion	Ratio	Lower	Upper
45	100		
43	62.1	46.8	70.2
87	25.3	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 104.42 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 43 Resp: 897526

Ion Ratio Lower Upper

43 100

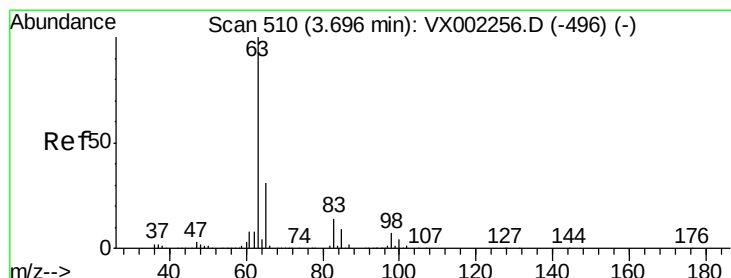
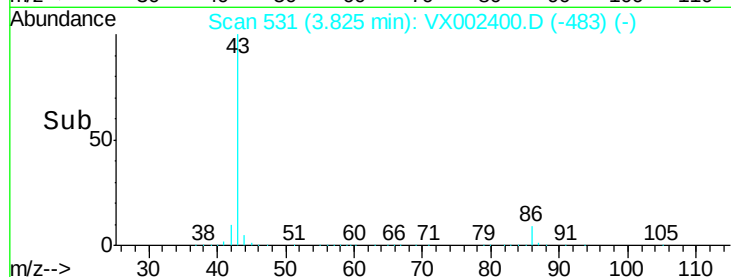
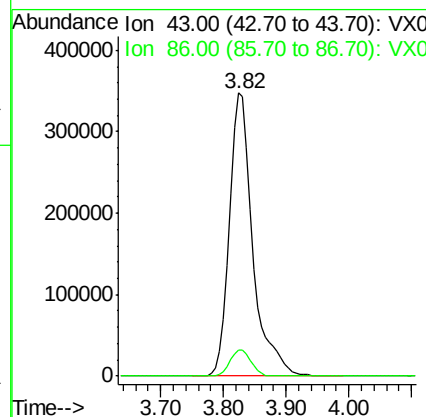
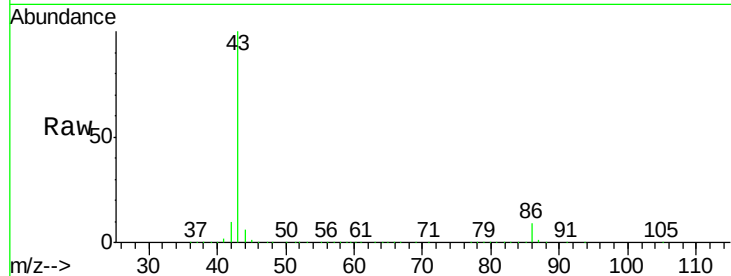
86 9.4 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 19.90 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

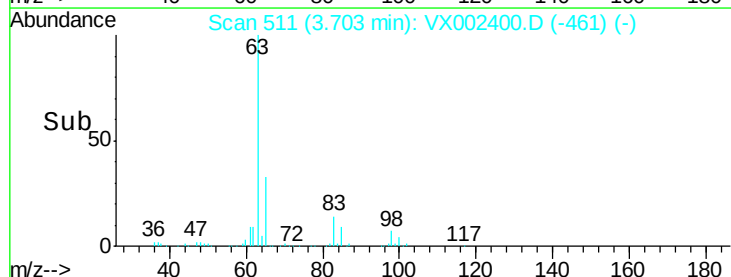
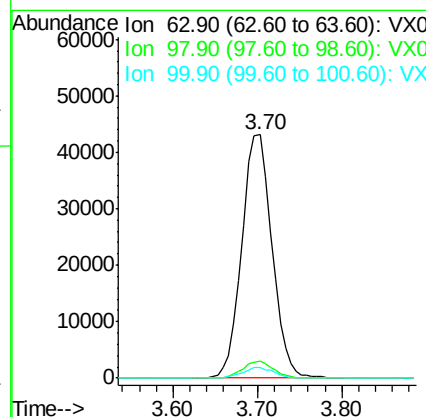
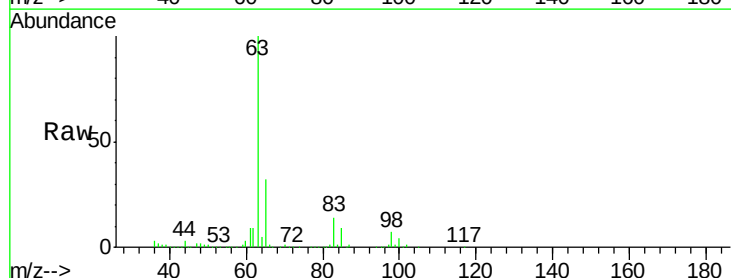
Tgt Ion: 63 Resp: 104289

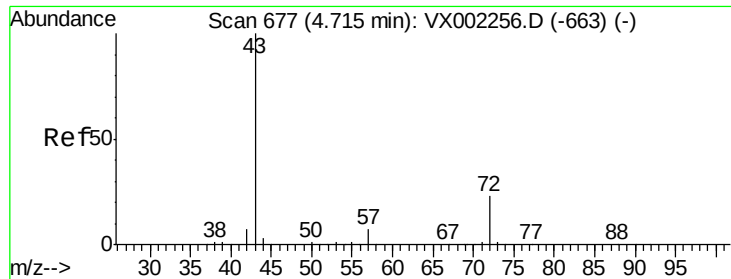
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 95.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 43 Resp: 215262

Ion Ratio Lower Upper

43 100

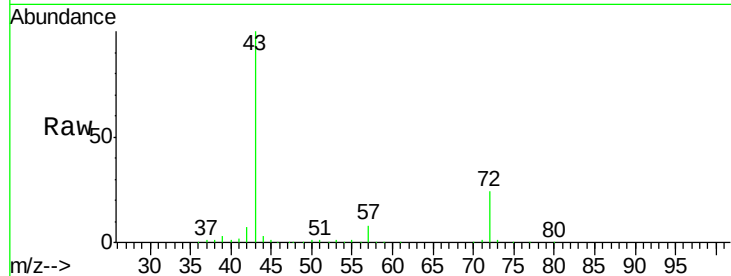
72 23.6 18.5 27.7

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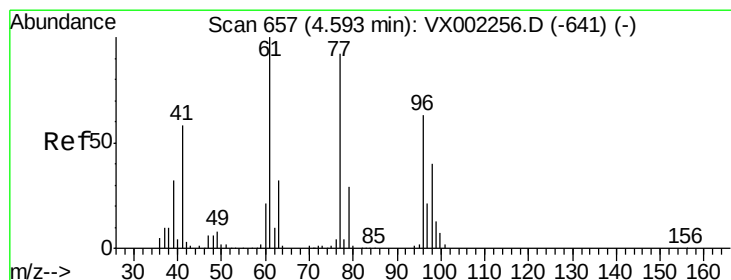
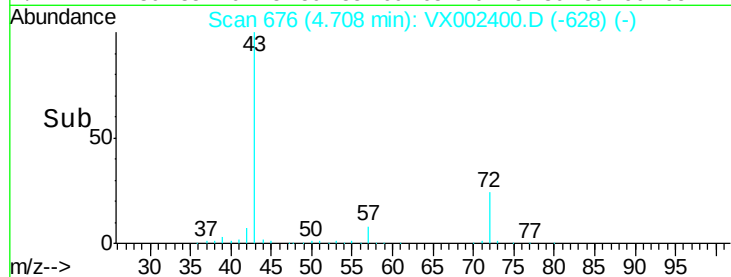
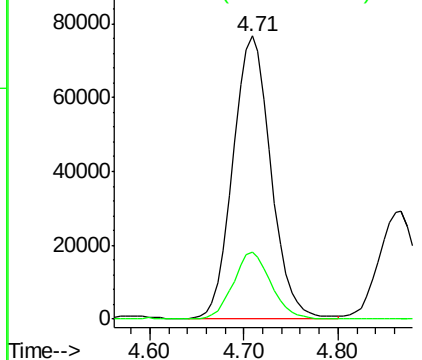
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.91 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002400.D

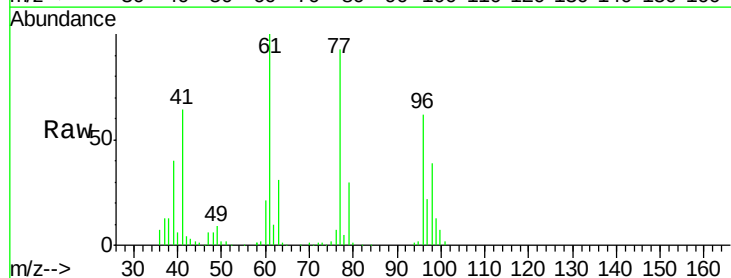
Acq: 08 Jun 2018 14:30

Tgt Ion: 77 Resp: 69276

Ion Ratio Lower Upper

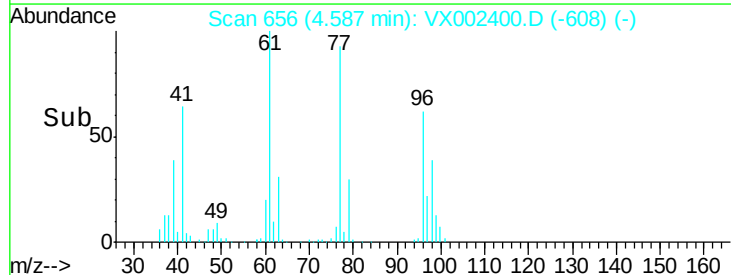
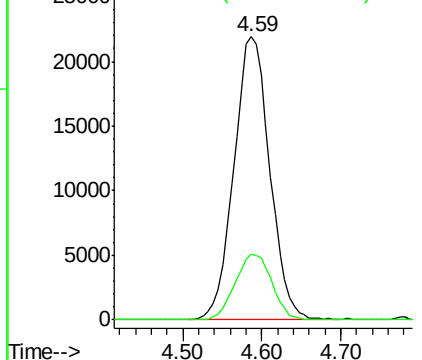
77 100

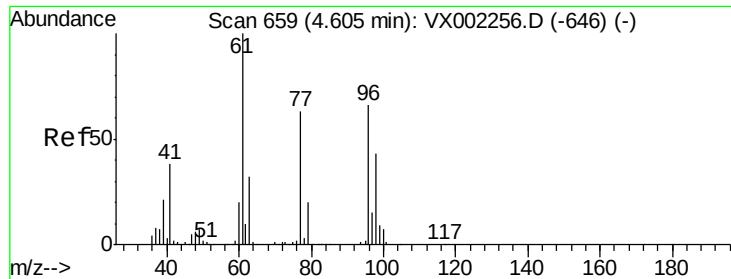
97 23.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.55 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

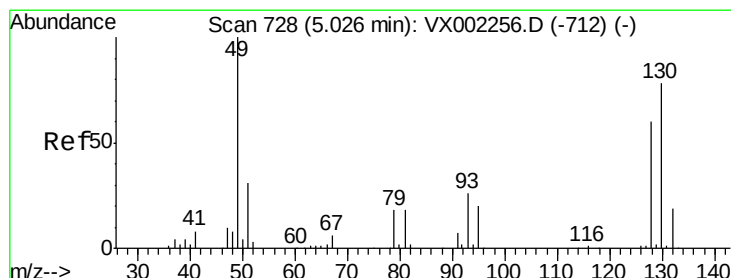
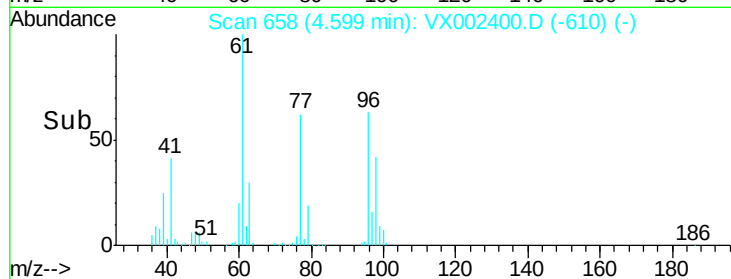
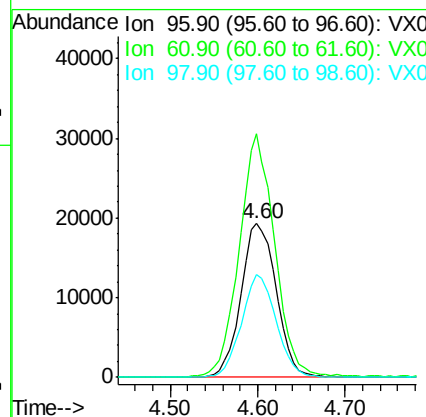
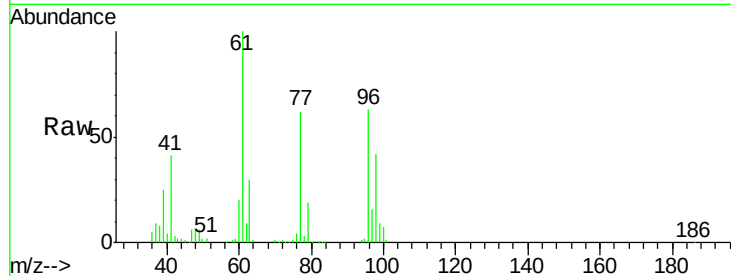
ClientSampleId :

VX0608WBSD02

Tgt Ion:	96	Resp:	54340
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	330.2
98	65.5	0.0	130.2

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#28

Bromochloromethane

Concen: 19.20 ug/l

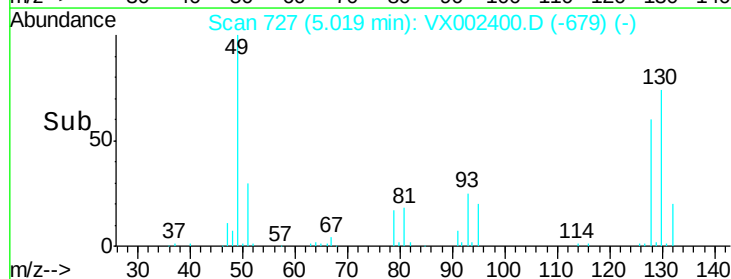
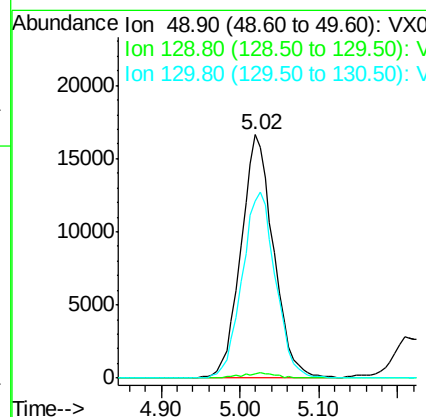
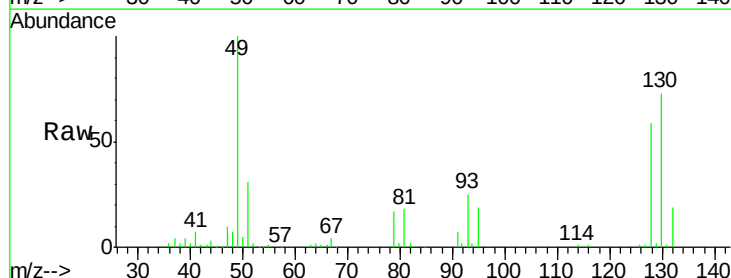
RT: 5.02 min Scan# 727

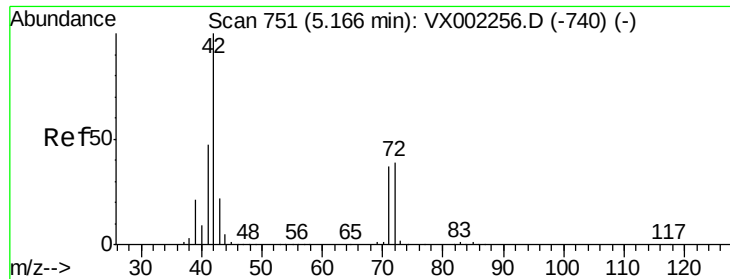
Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	49	Resp:	47679
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	78.2	61.2	91.8





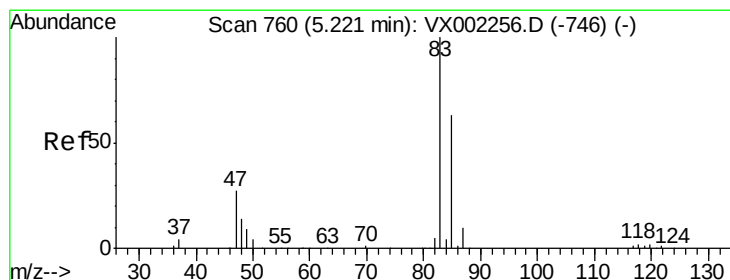
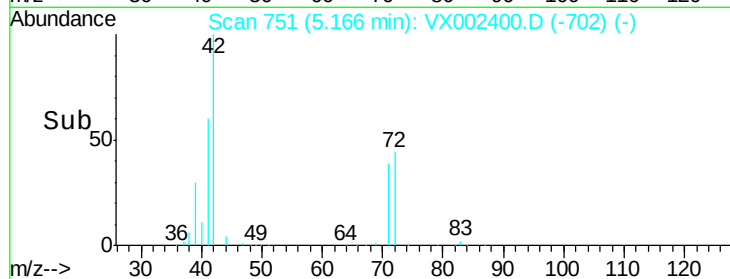
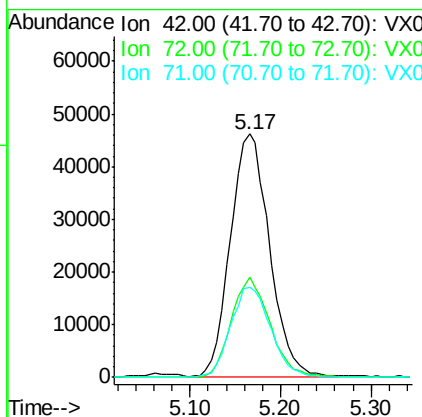
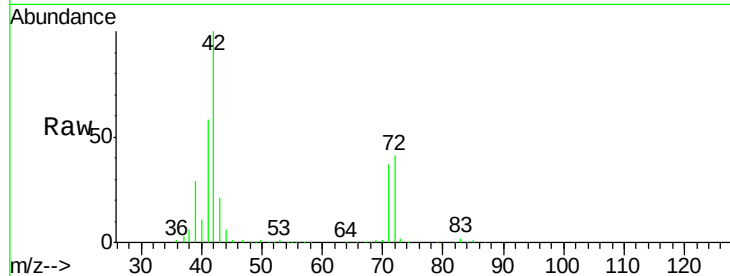
#29
Tetrahydrofuran
Concen: 94.47 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.0	48.0
71	38.3	30.1	45.1

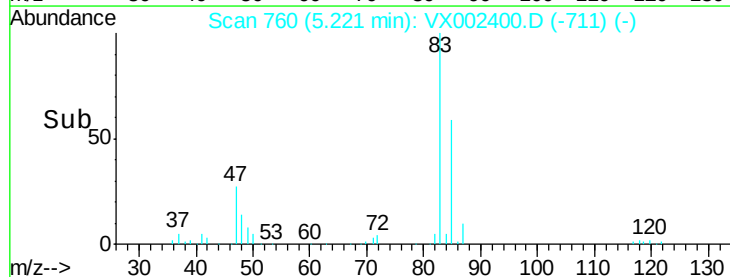
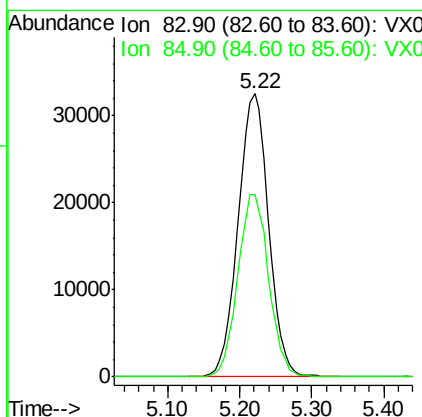
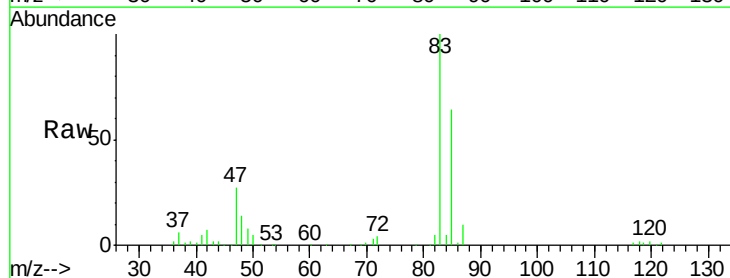
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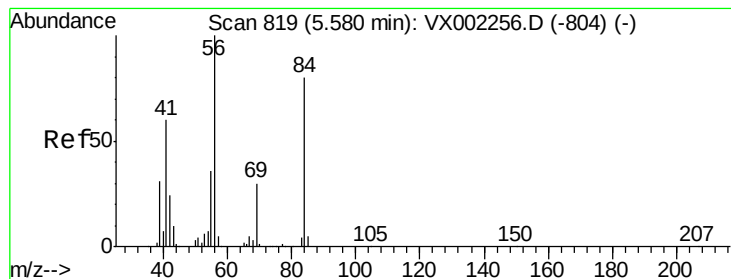
MMDadoda
6/11/2018 9:30:31 AM



#30
Chloroform
Concen: 18.93 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 19.22 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

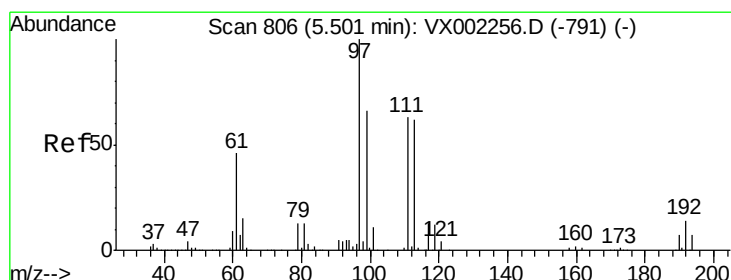
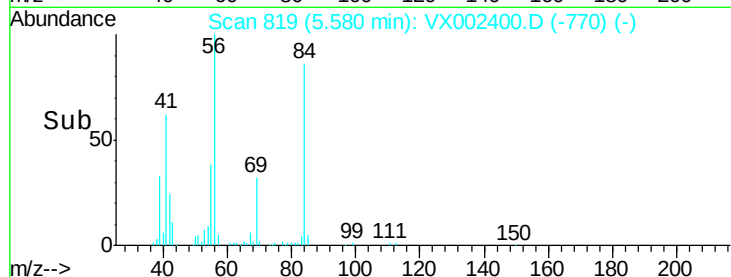
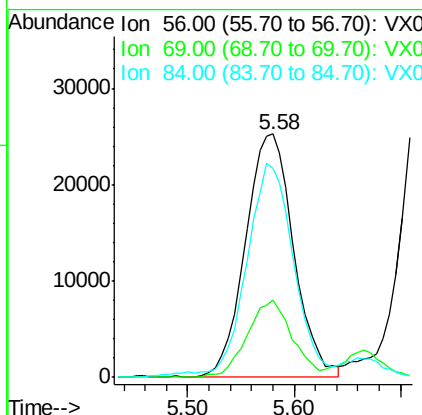
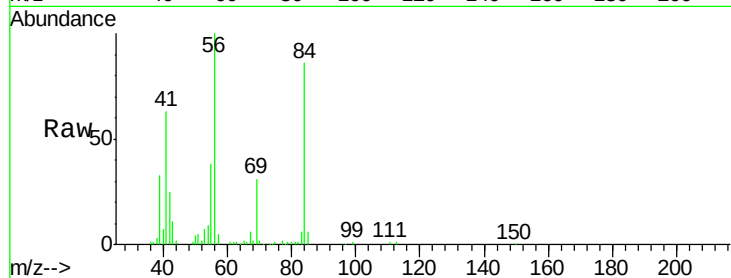
ClientSampleId :

VX0608WBSD02

Tgt Ion:	56	Resp:	79637
Ion Ratio	Lower	Upper	
56	100		
69	31.6	23.7	35.5
84	84.1	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.70 ug/l

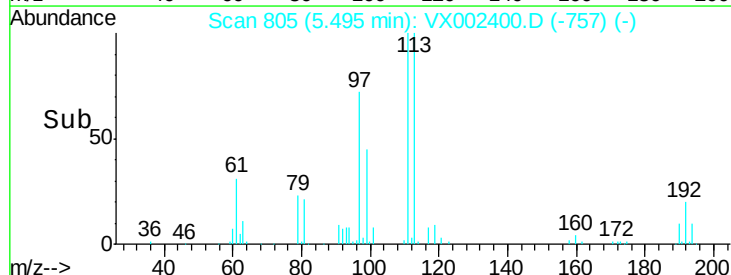
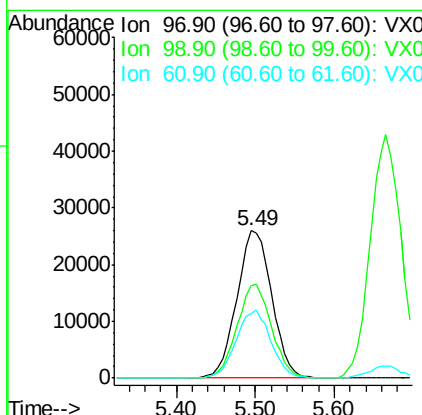
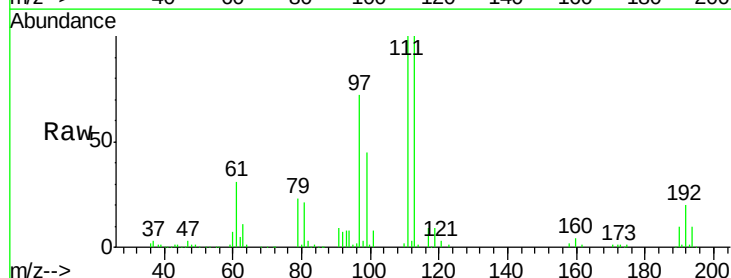
RT: 5.49 min Scan# 805

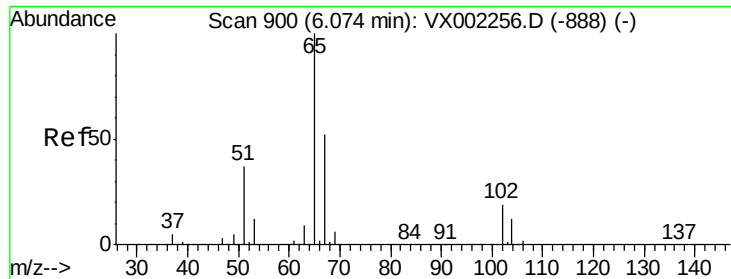
Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	97	Resp:	80185
Ion Ratio	Lower	Upper	
97	100		
99	62.6	51.6	77.4
61	46.1	36.4	54.6





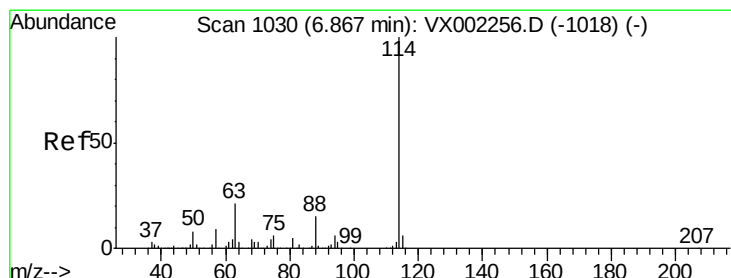
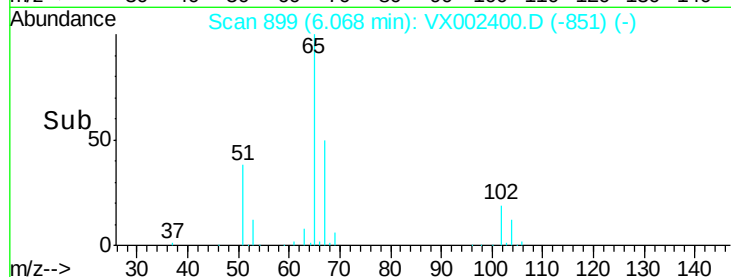
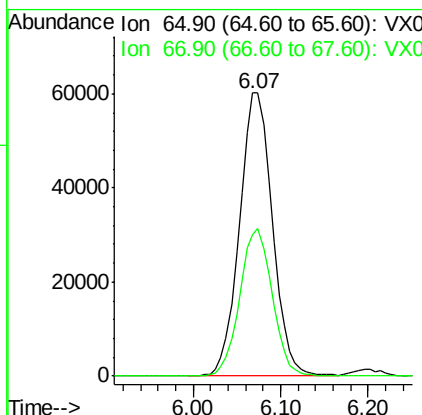
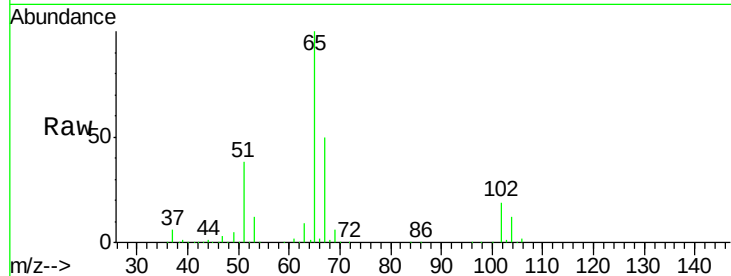
#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Tgt Ion: 65 Resp: 157663
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6

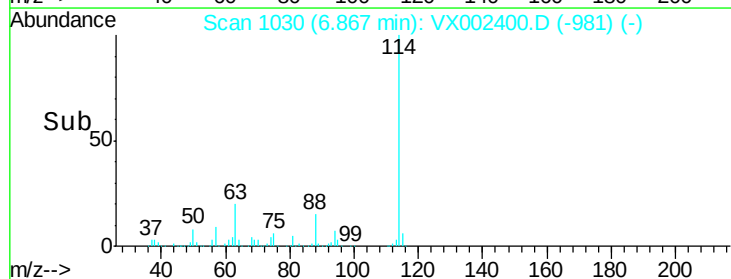
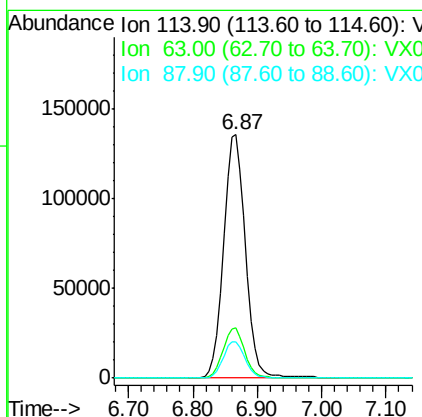
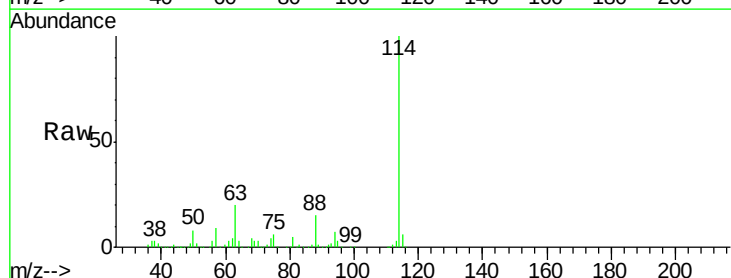
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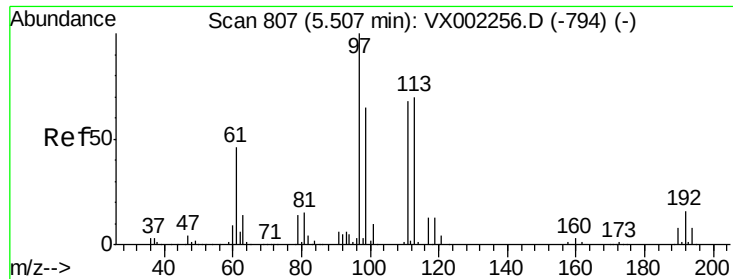
MMDadoda
 6/11/2018 9:30:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 114 Resp: 325410
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

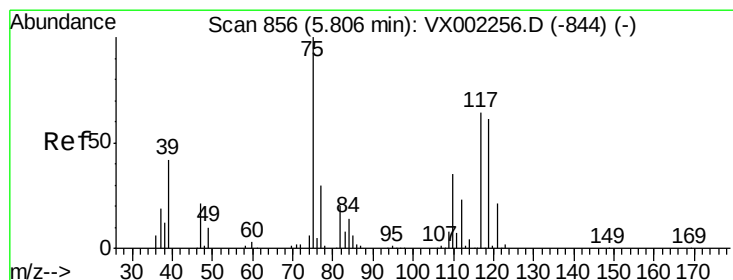
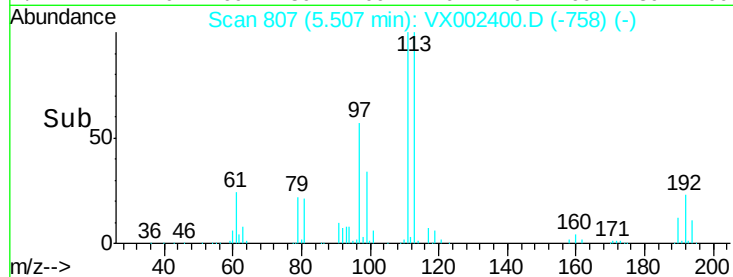
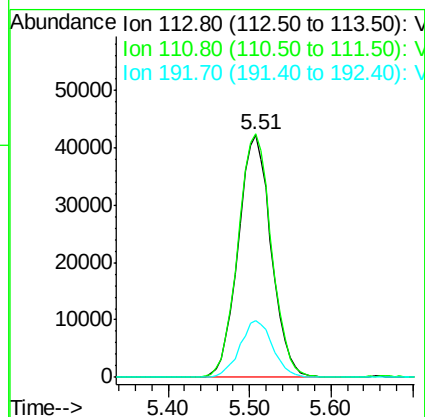
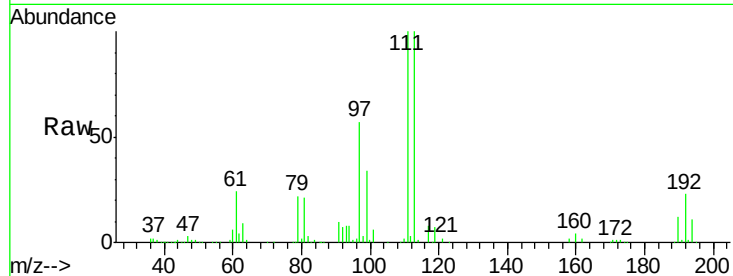
ClientSampleId :

VX0608WBSD02

Tgt Ion:	113	Resp:	118172
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	23.2	19.1	28.7

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6/11/2018 9:30:31 AM



#36

1,1-Dichloropropene

Concen: 19.30 ug/l

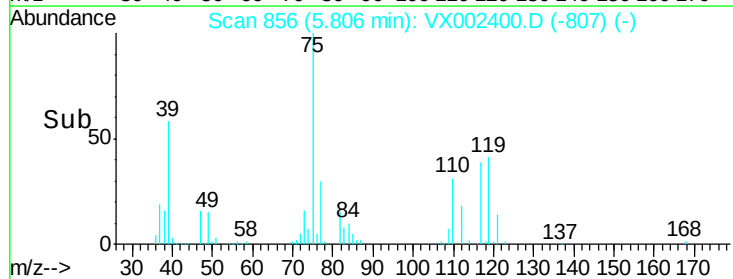
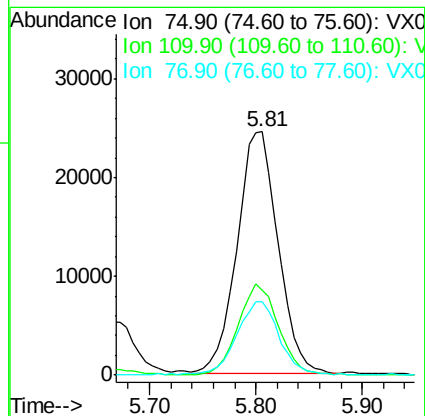
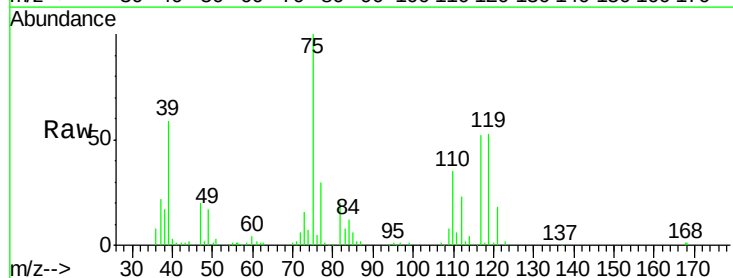
RT: 5.81 min Scan# 856

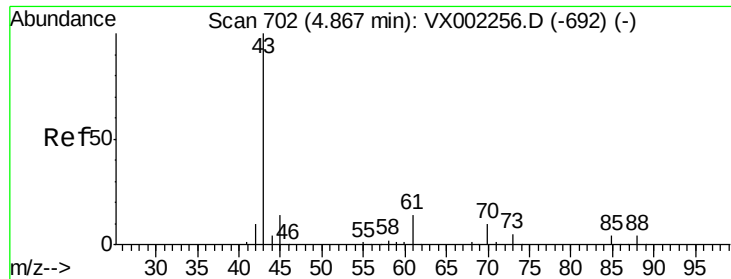
Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	75	Resp:	66019
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.4
77	31.6	24.3	36.5





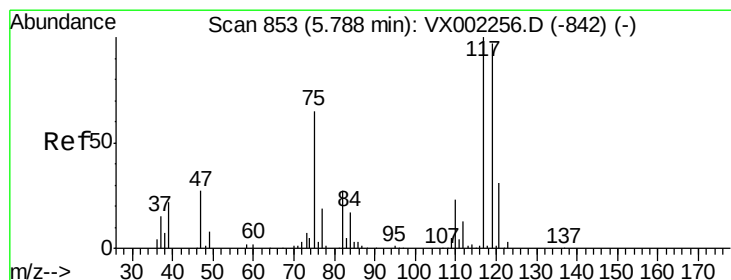
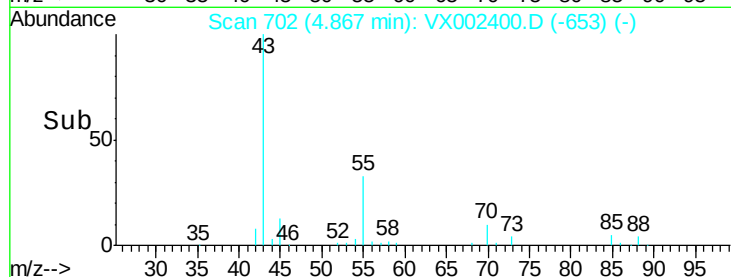
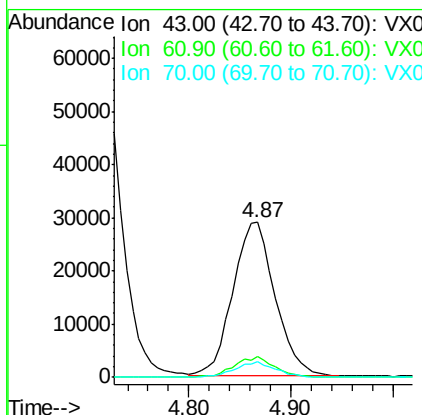
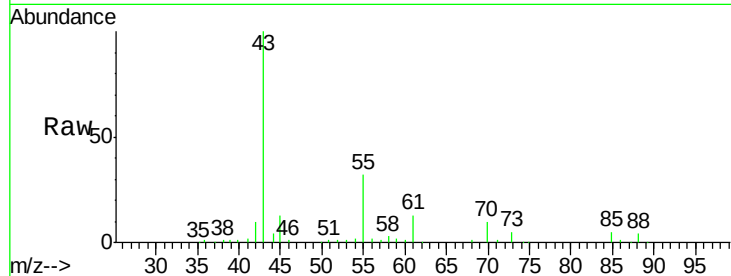
#37
Ethyl Acetate
Concen: 20.25 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion: 43 Resp: 83307
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.6 7.6 11.4

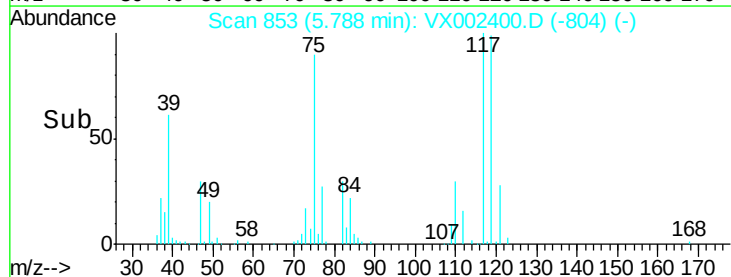
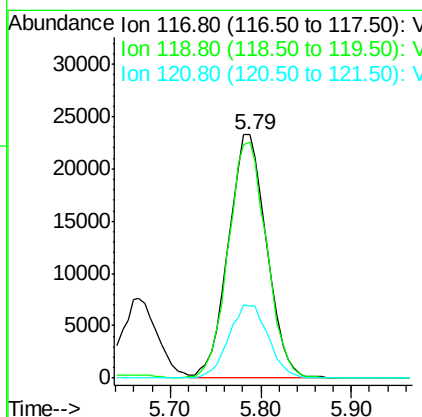
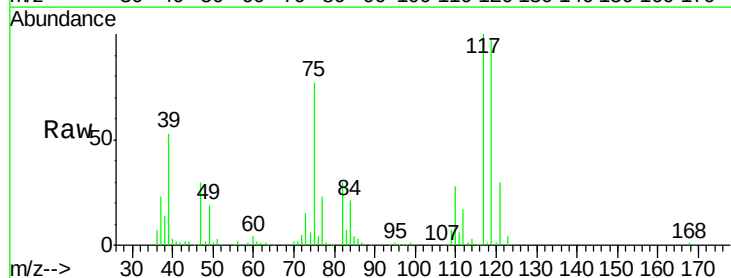
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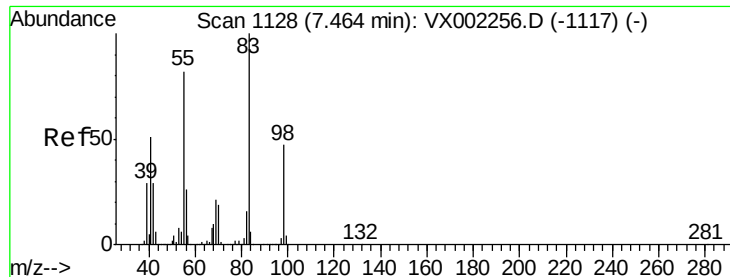
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.02 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 117 Resp: 68082
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 29.7 24.4 36.6





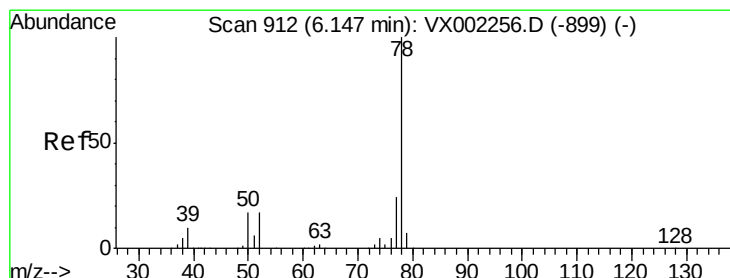
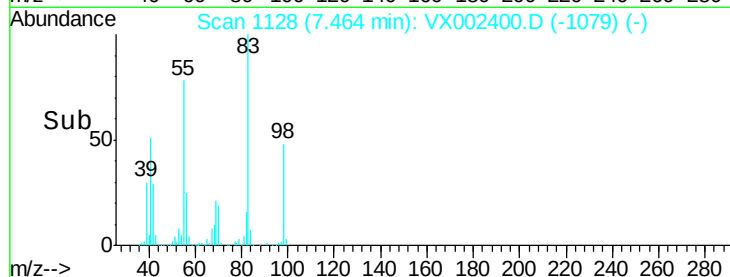
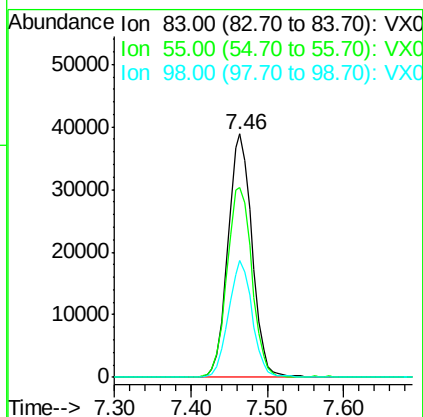
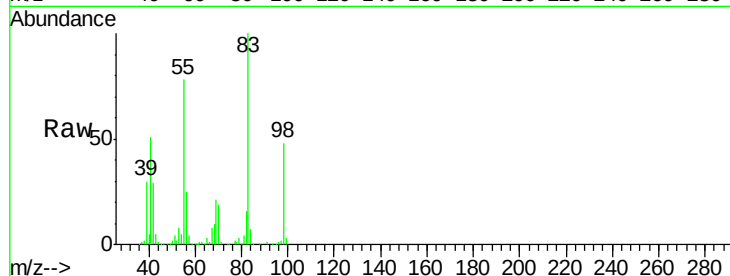
#39
Methylcyclohexane
Concen: 20.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.7	65.4	98.0
98	48.2	37.4	56.0

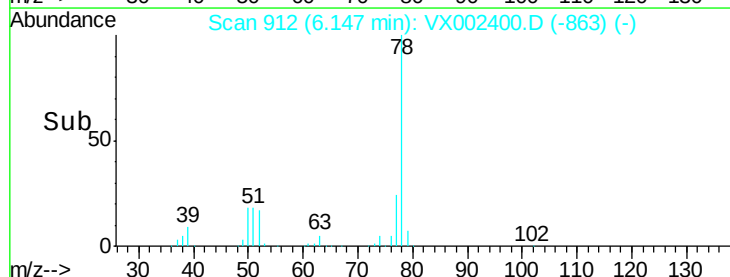
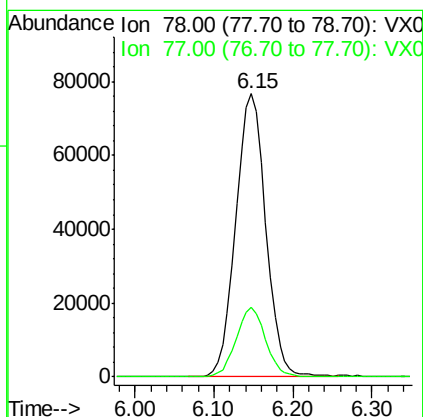
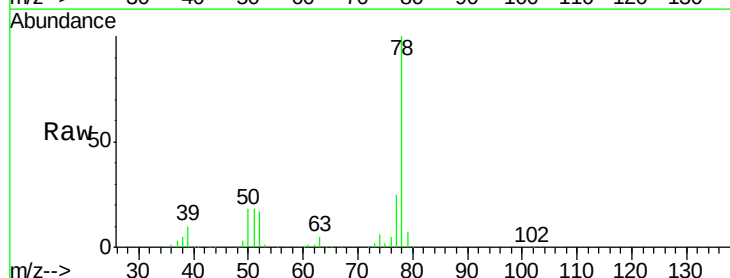
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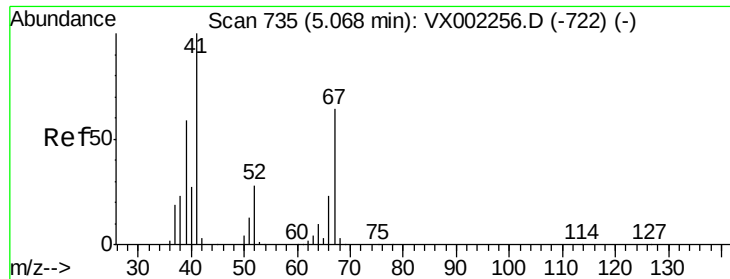
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#40
Benzene
Concen: 19.42 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





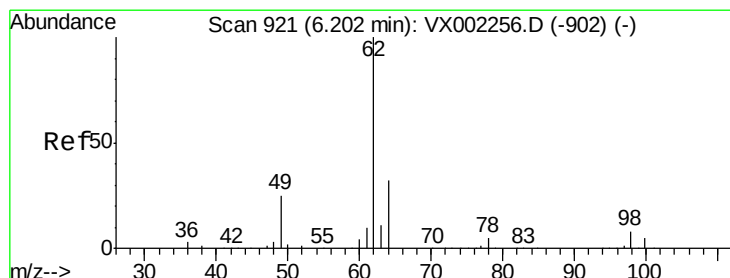
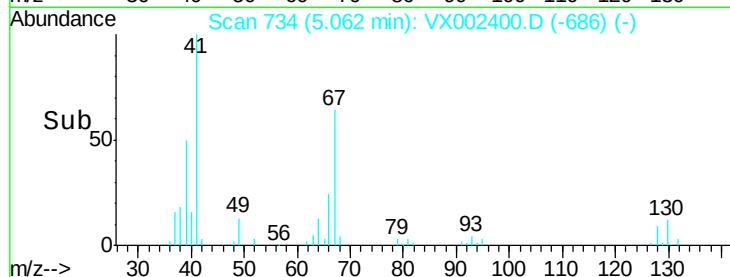
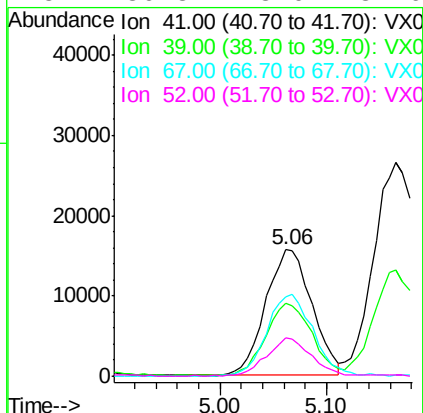
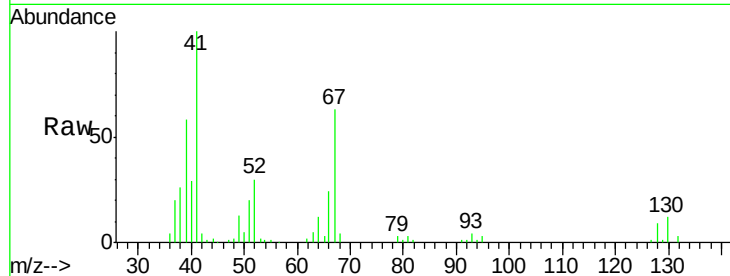
#41
Methacrylonitrile
Concen: 20.02 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	65.0	51.3	76.9
52	30.3	23.0	34.6

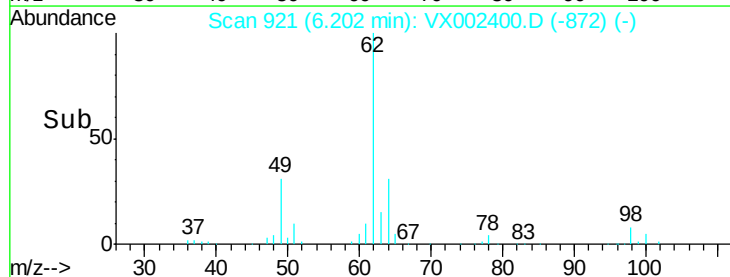
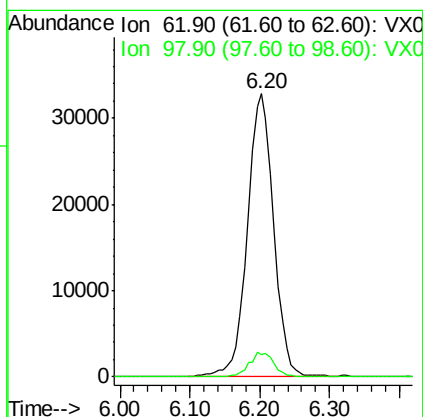
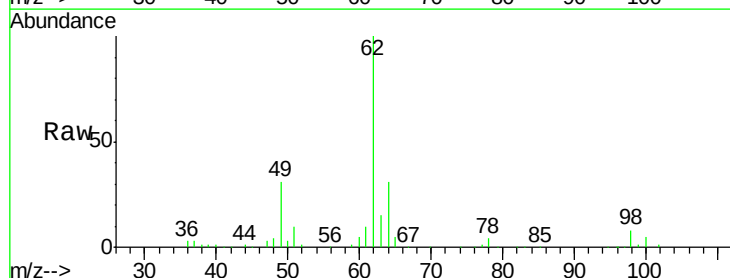
Manual Integrations
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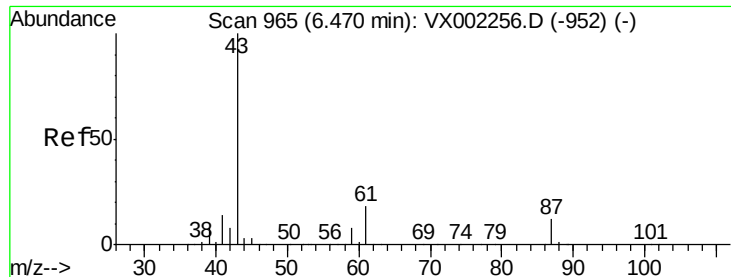
MMDadoda
6/11/2018 9:30:31 AM



#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

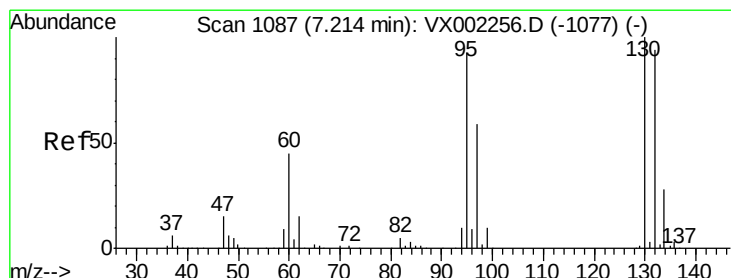
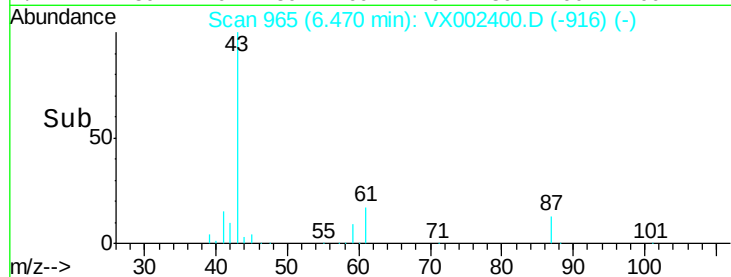
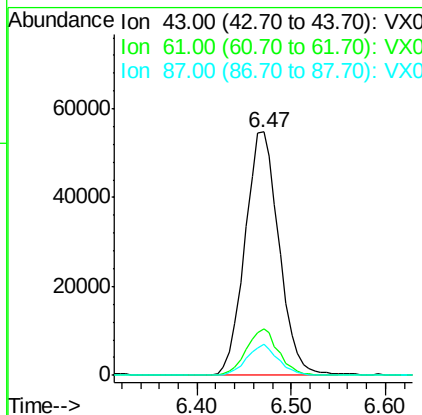
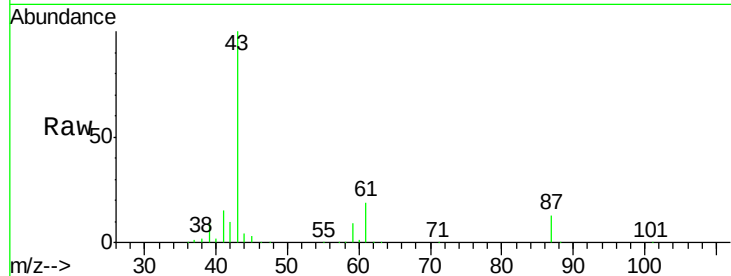
ClientSampleId :

VX0608WBSD02

Tgt Ion:	43	Resp:	138098
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 20.00 ug/l

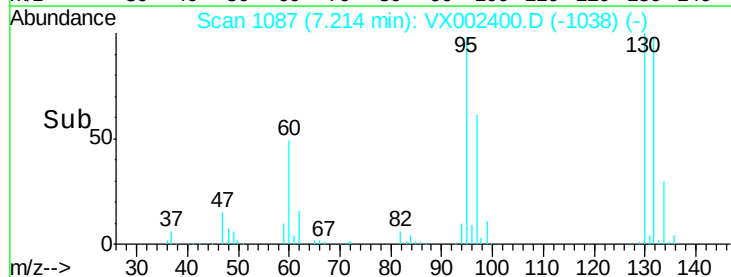
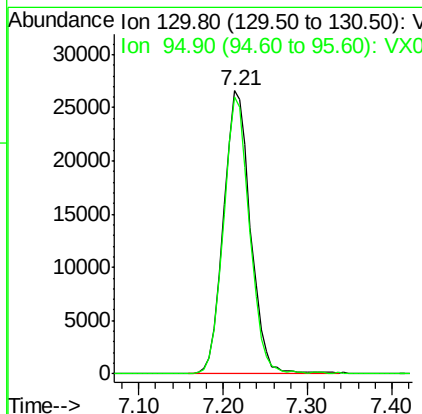
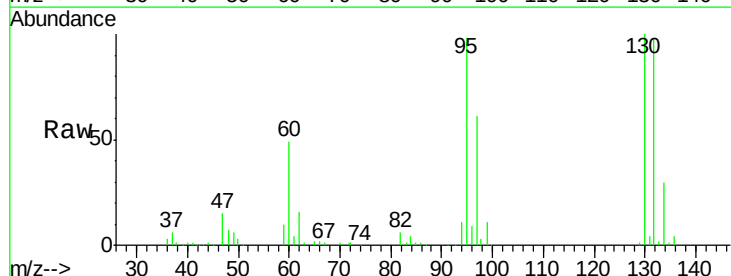
RT: 7.21 min Scan# 1087

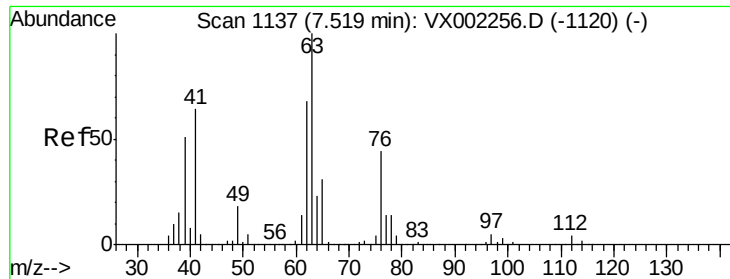
Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	130	Resp:	58227
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	185.4





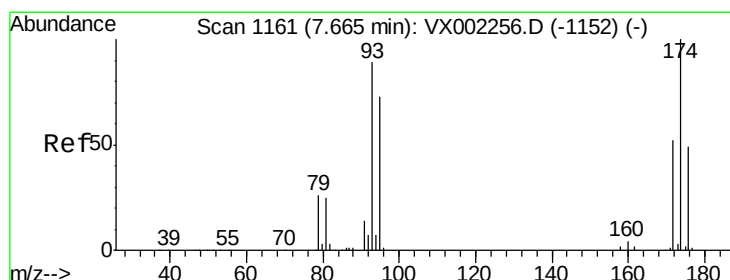
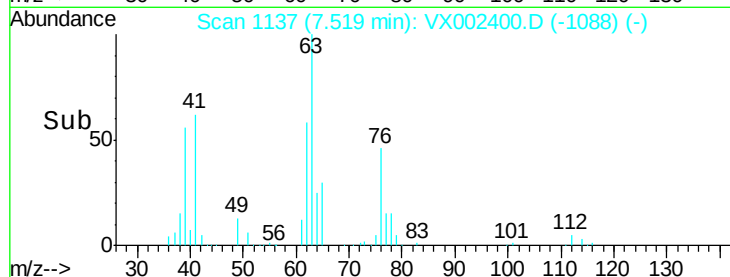
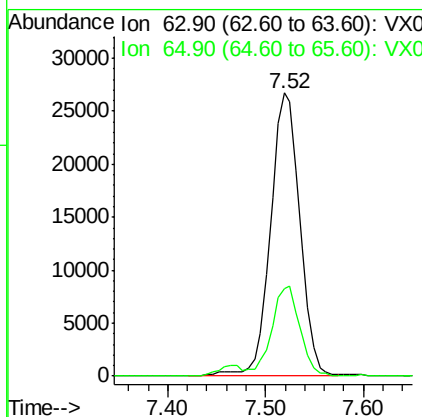
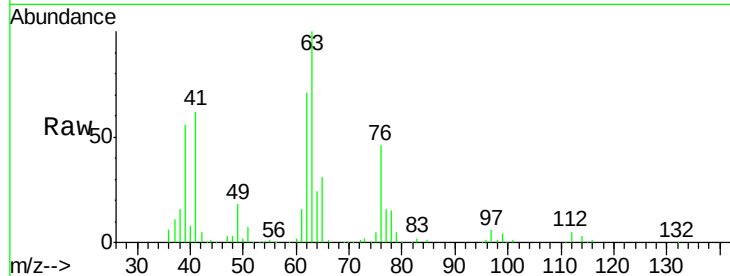
#45
 1,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Tgt Ion: 63 Resp: 56304
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

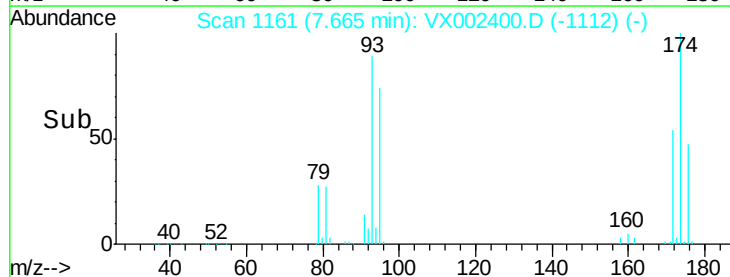
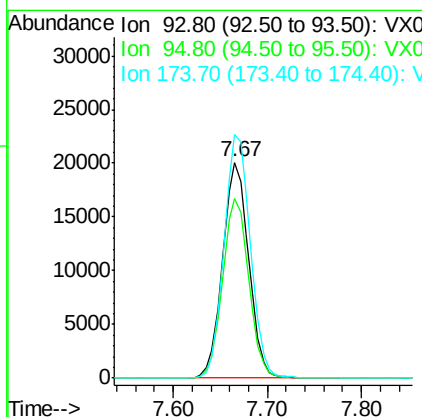
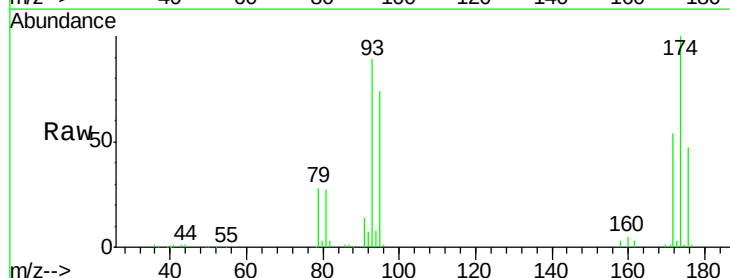
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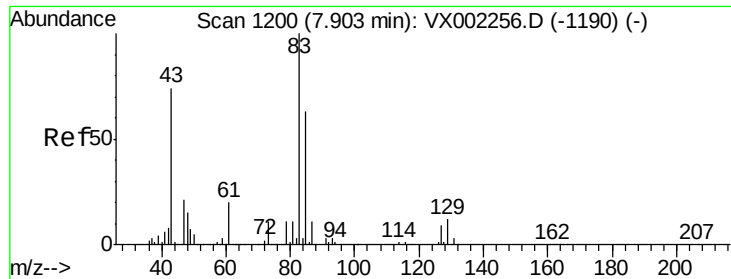
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#46
 Dibromomethane
 Concen: 20.16 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 93 Resp: 38694
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 113.6 92.4 138.6





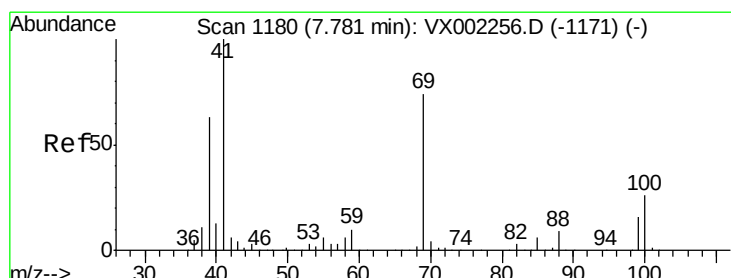
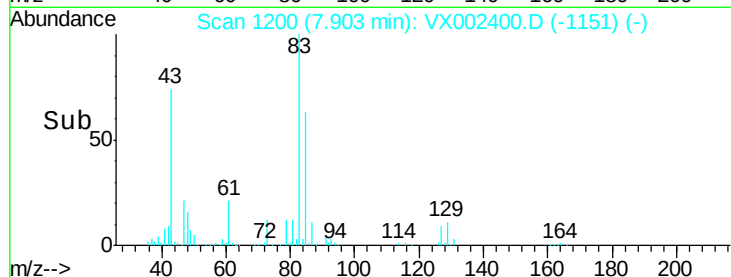
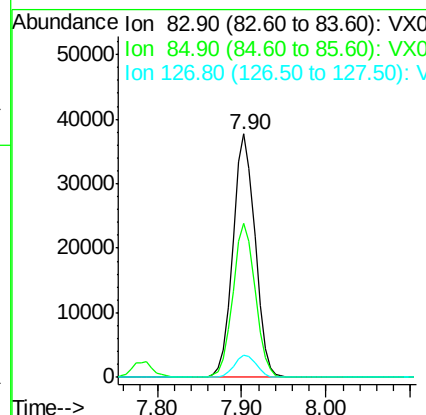
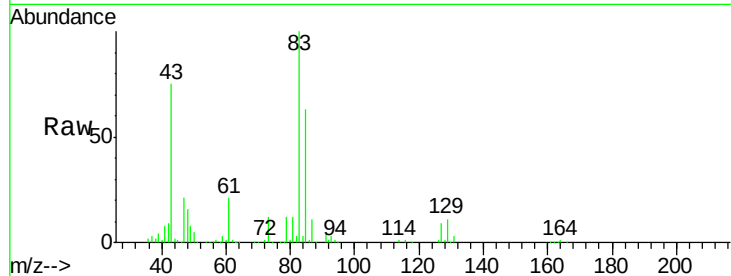
#47
Bromodichloromethane
Concen: 19.21 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.3	75.5
127	9.2	7.0	10.4

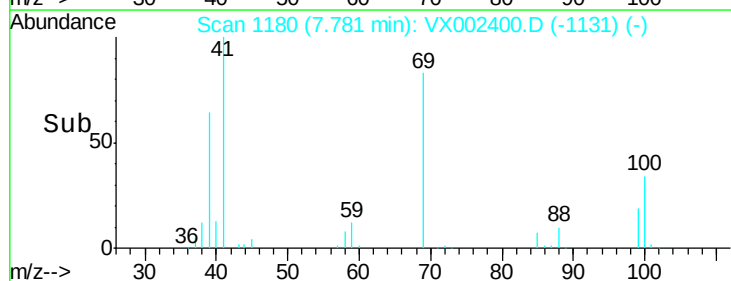
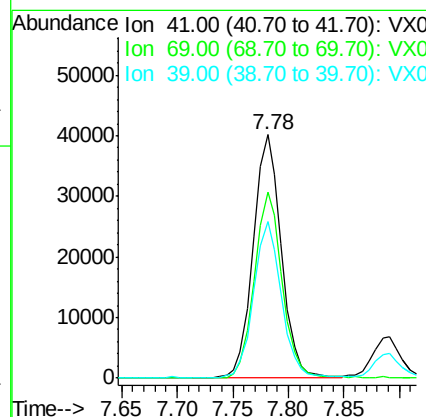
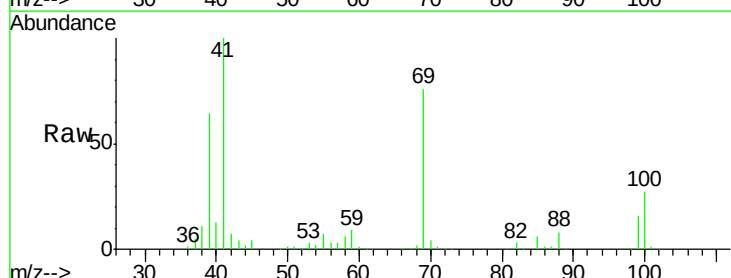
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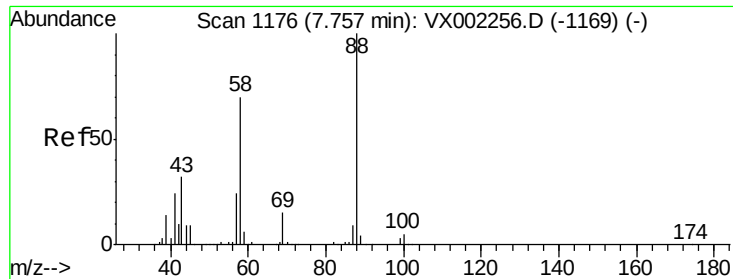
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#48
Methyl methacrylate
Concen: 20.02 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.2	59.1	88.7
39	62.7	48.9	73.3





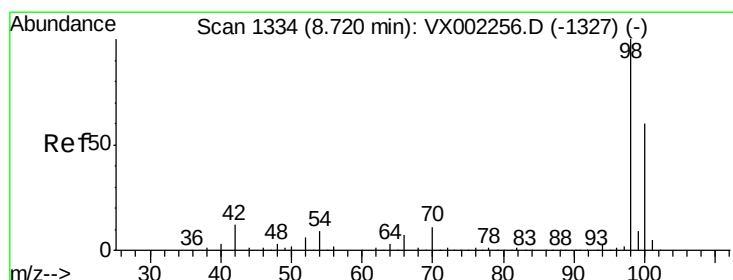
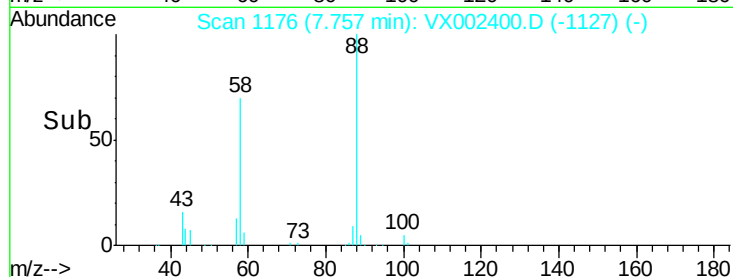
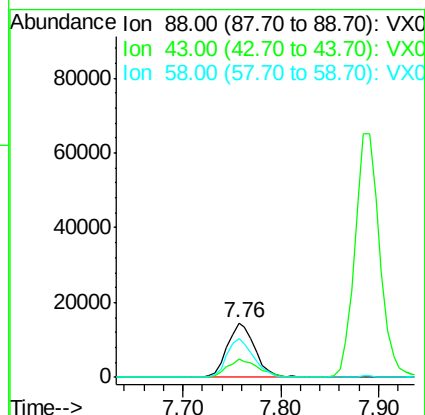
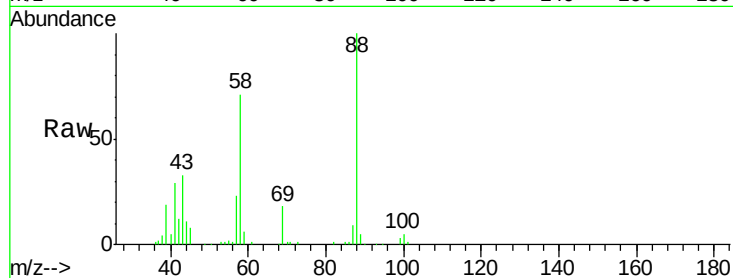
#49
1,4-Dioxane
Concen: 430.03 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.0	29.8	44.6
58	70.3	57.1	85.7

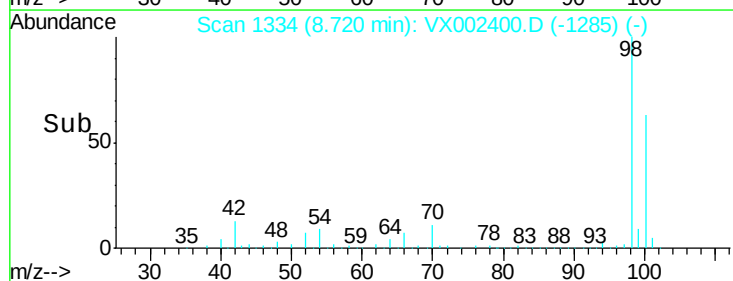
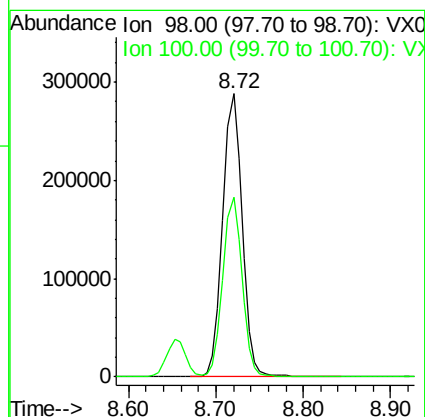
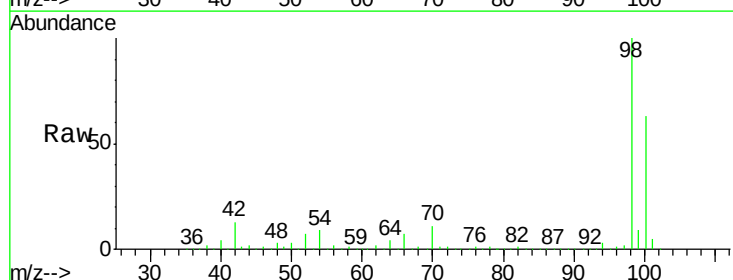
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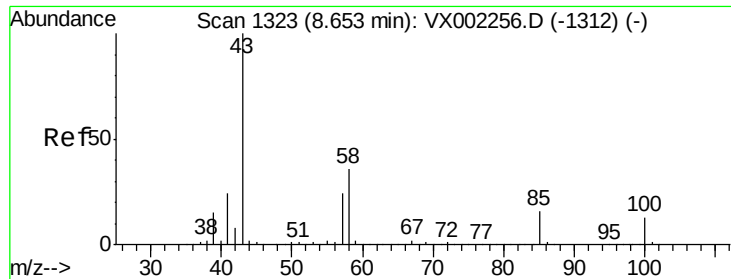
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#50
Toluene-d8
Concen: 45.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 102.67 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 43 Resp: 446807

Ion Ratio Lower Upper

43 100

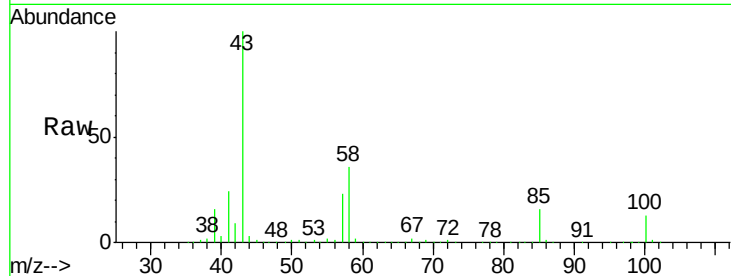
58 35.7 28.6 42.8

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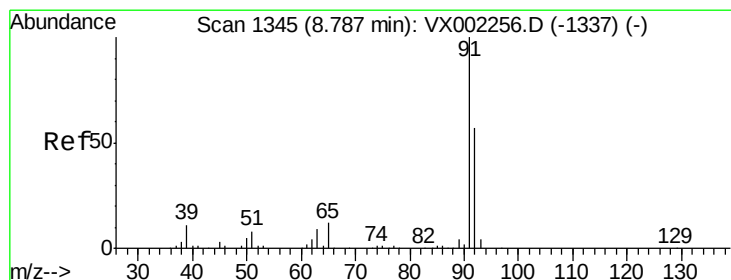
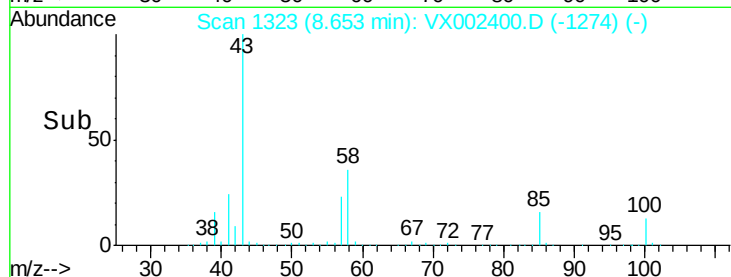
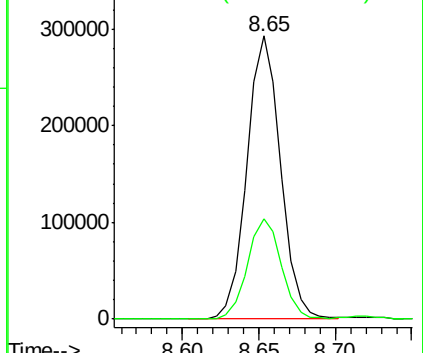
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.93 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002400.D

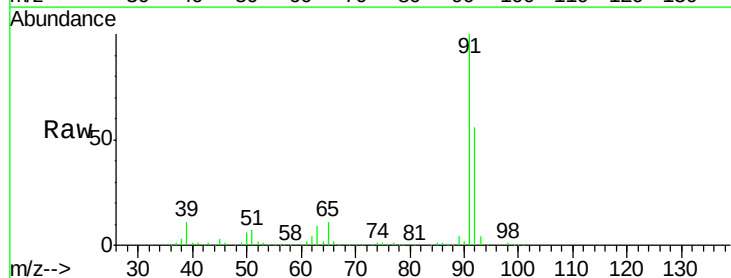
Acq: 08 Jun 2018 14:30

Tgt Ion: 92 Resp: 132928

Ion Ratio Lower Upper

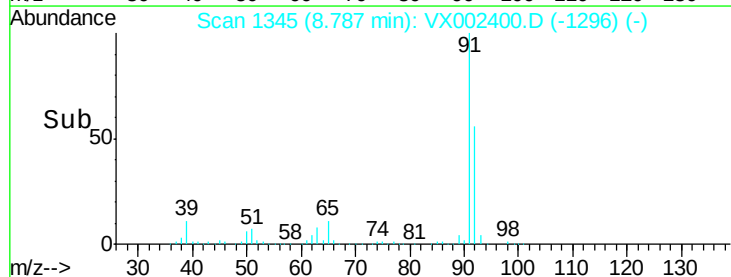
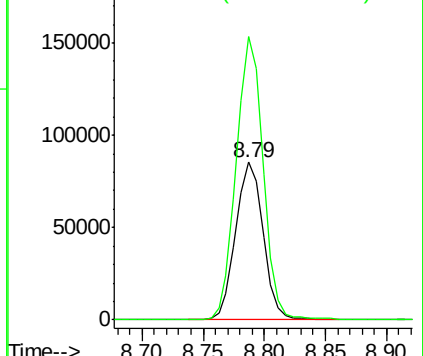
92 100

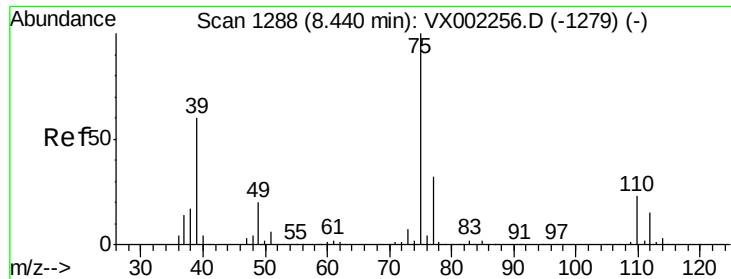
91 176.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





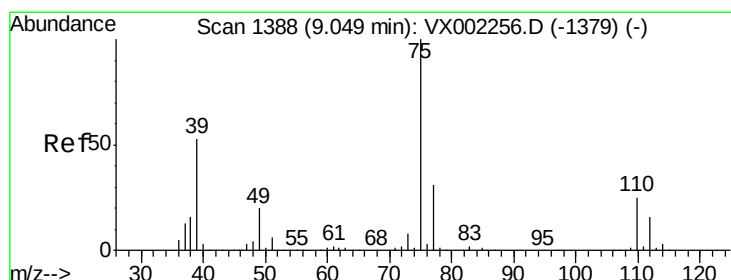
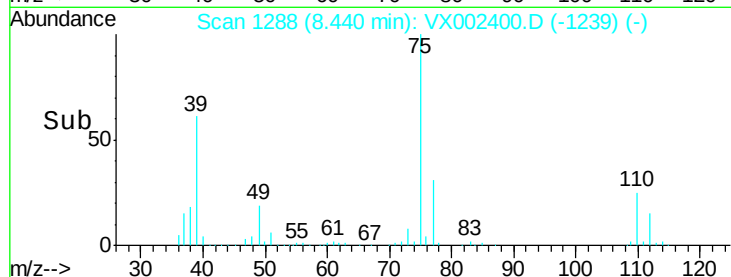
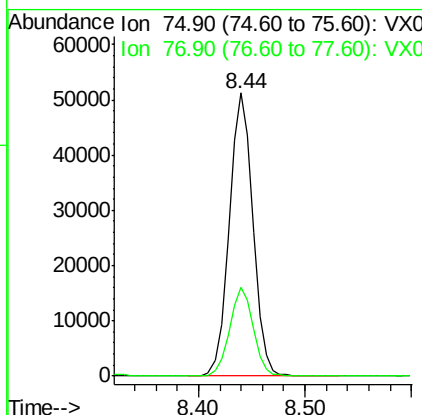
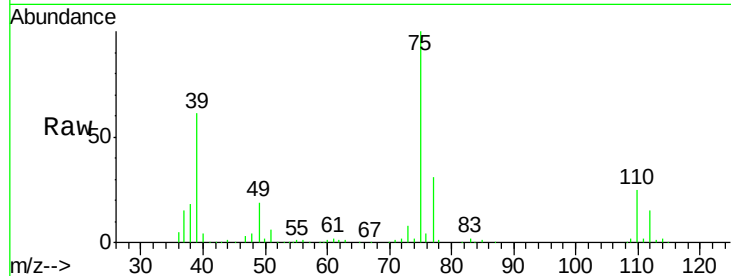
#53
t-1,3-Dichloropropene
Concen: 19.19 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion: 75 Resp: 79894
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

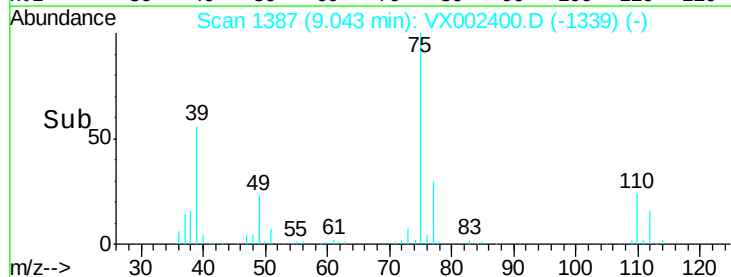
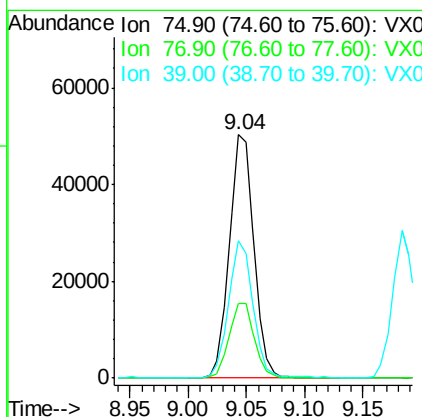
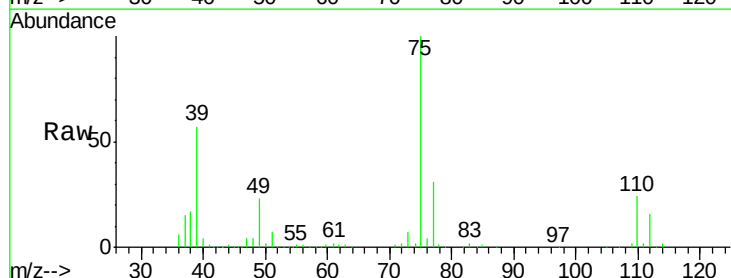
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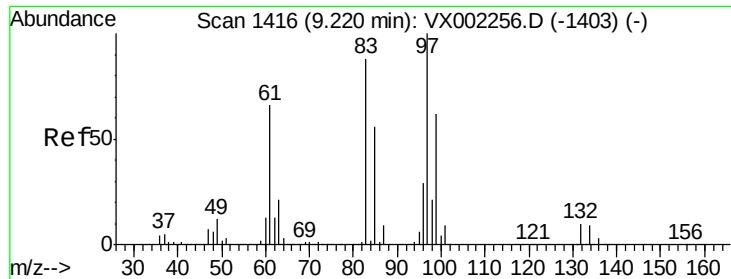
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#54
cis-1,3-Dichloropropene
Concen: 18.82 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 75 Resp: 73927
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 56.3 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.98 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 97 Resp: 57576

Ion Ratio Lower Upper

97 100

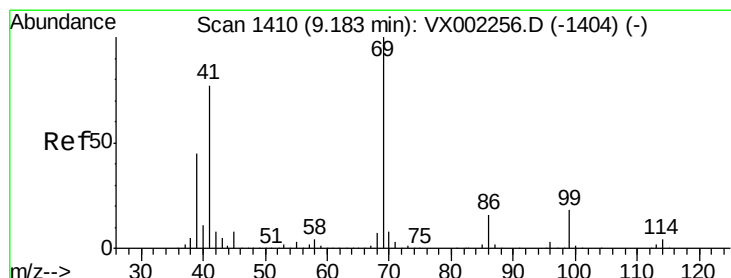
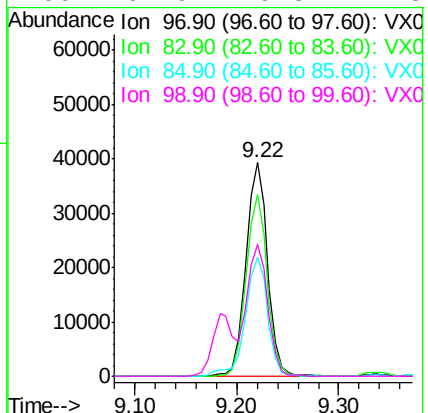
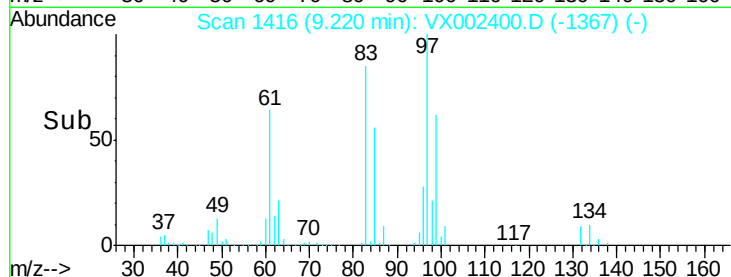
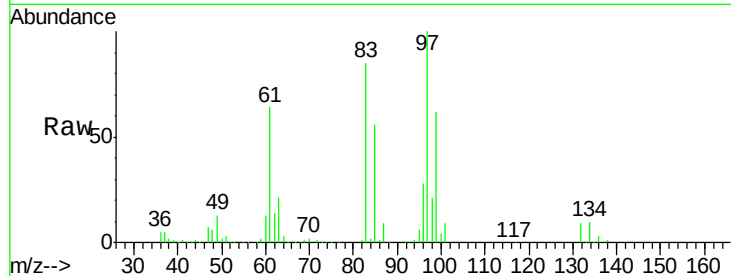
83 85.4 70.2 105.2

85 55.8 44.9 67.3

99 61.9 49.8 74.8

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6/11/2018 9:30:31 AM



#56

Ethyl methacrylate

Concen: 20.11 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

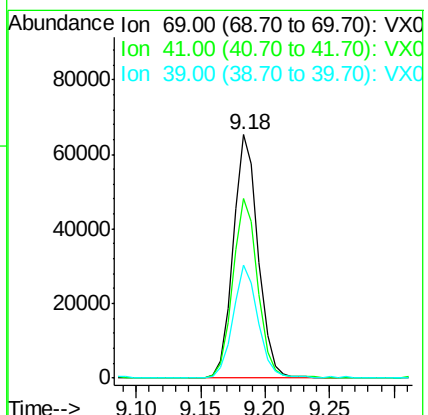
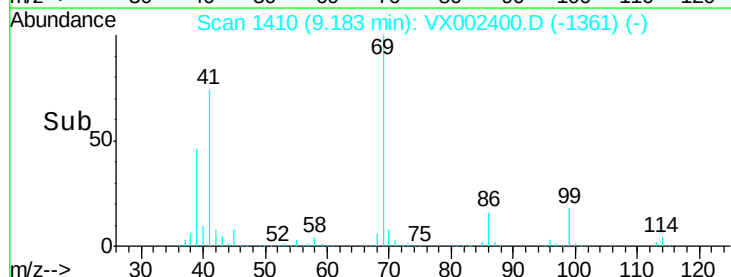
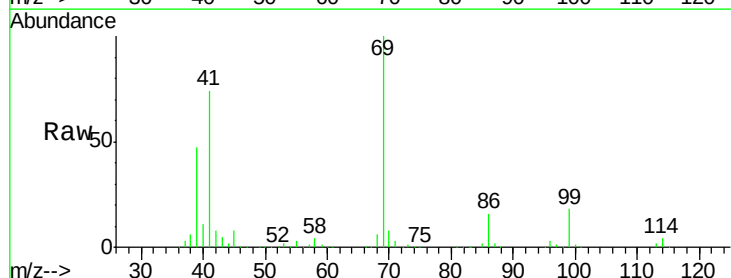
Tgt Ion: 69 Resp: 88096

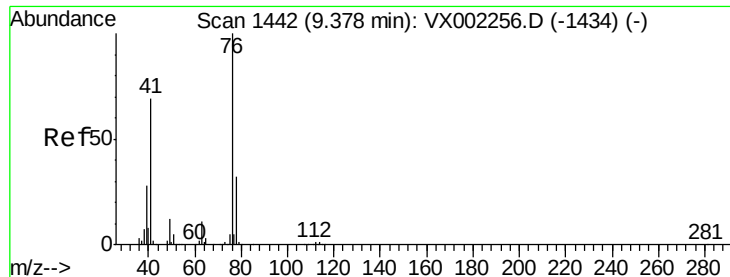
Ion Ratio Lower Upper

69 100

41 73.4 60.3 90.5

39 45.9 35.8 53.8





#57

1,3-Dichloropropane

Concen: 20.55 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBSD02

Tgt Ion: 76 Resp: 94612

Ion Ratio Lower Upper

76 100

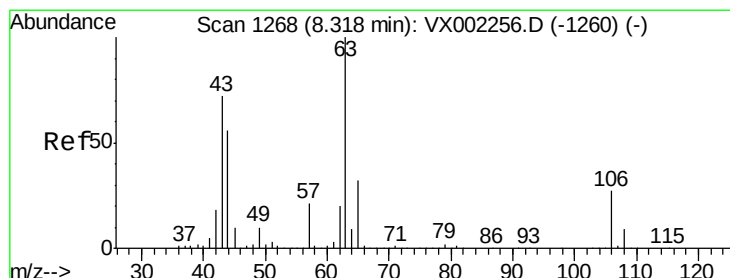
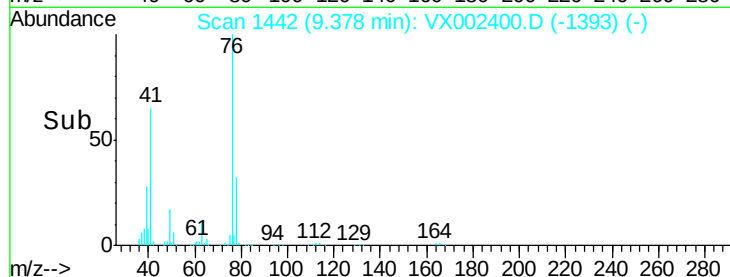
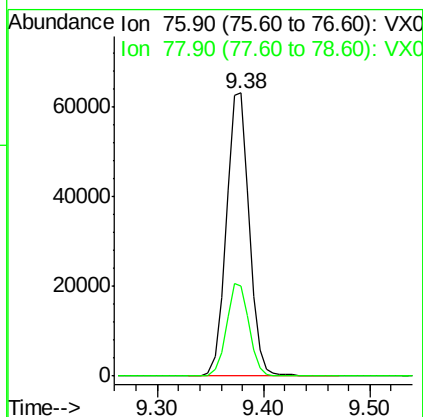
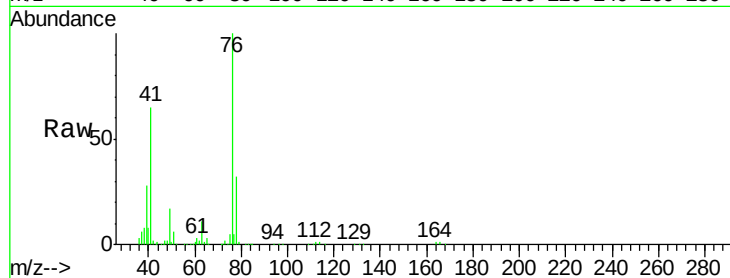
78 32.2 25.8 38.6

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6/11/2018 9:30:31 AM



#58

2-Chloroethyl Vinyl ether

Concen: 108.22 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002400.D

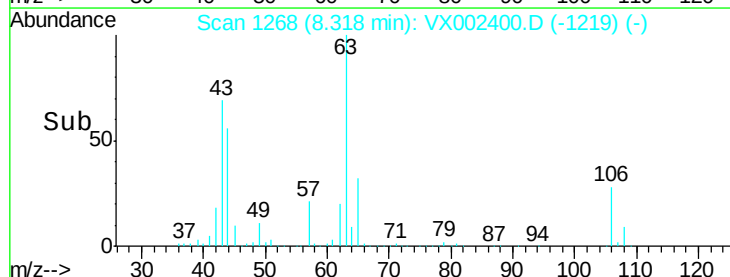
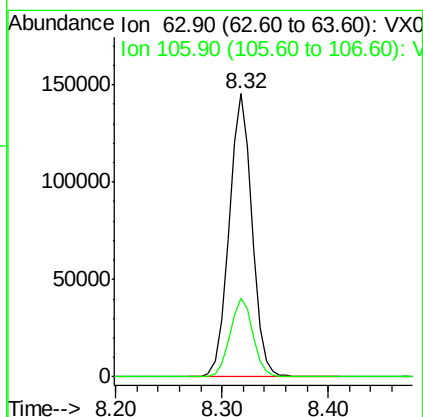
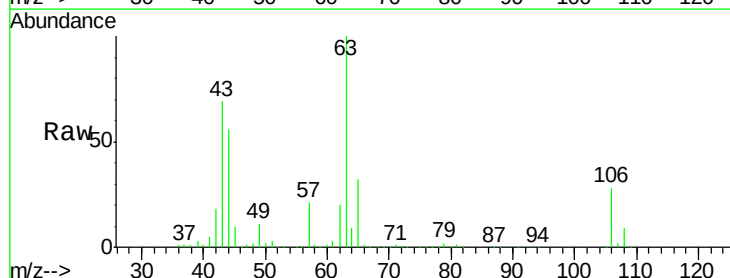
Acq: 08 Jun 2018 14:30

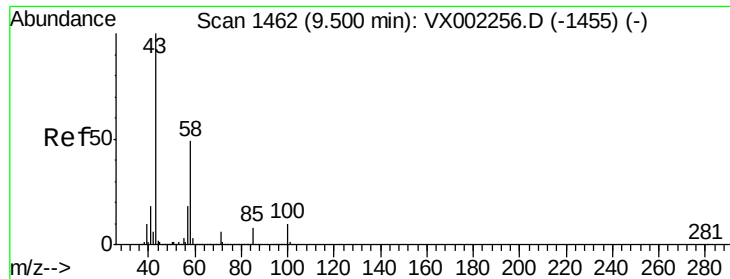
Tgt Ion: 63 Resp: 219411

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.8





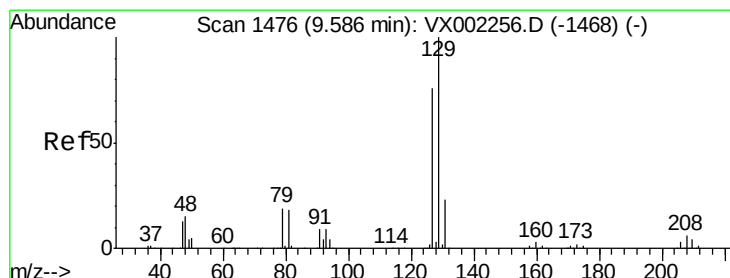
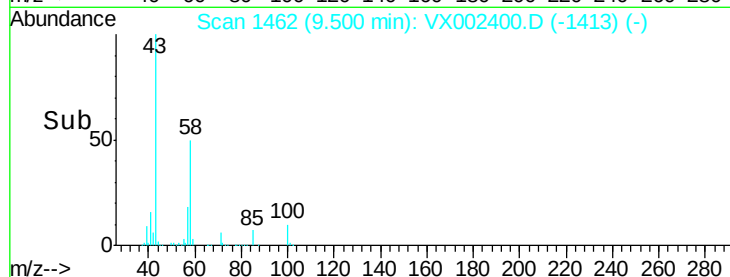
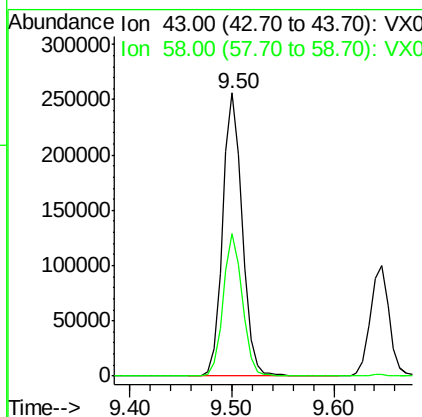
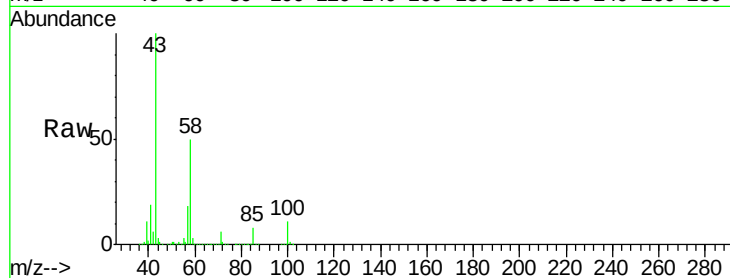
#59
2-Hexanone
Concen: 101.71 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion: 43 Resp: 341871
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6

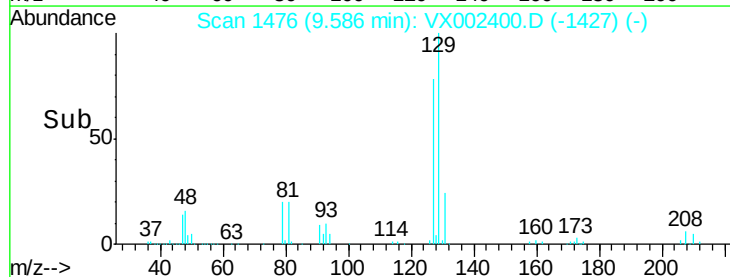
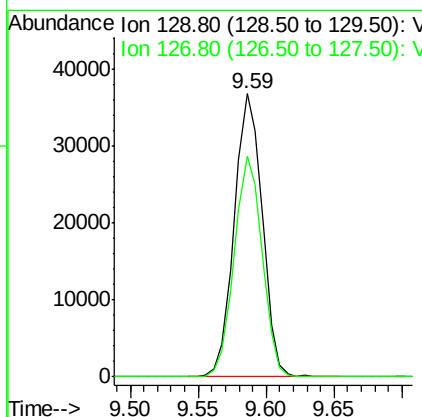
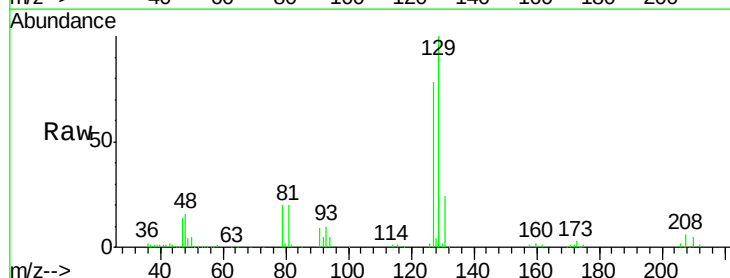
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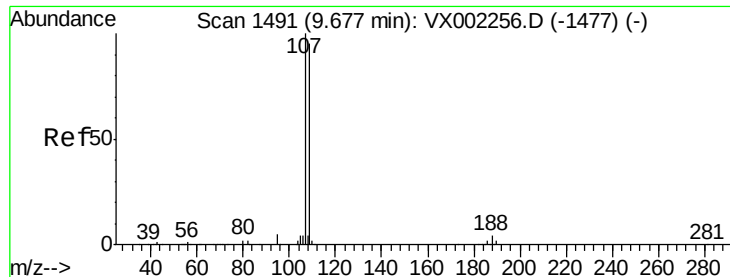
MMDadoda
6/11/2018 9:30:31 AM



#60
Dibromochloromethane
Concen: 19.13 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 129 Resp: 52792
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 107 Resp: 59010

Ion Ratio Lower Upper

107 100

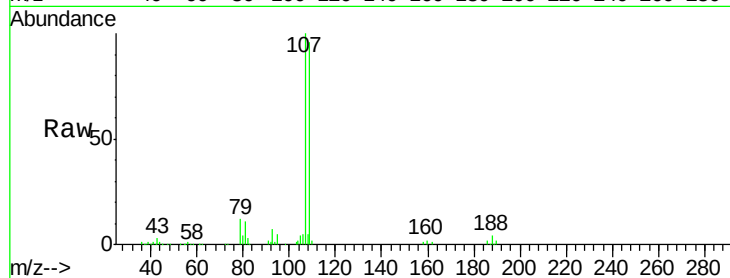
109 94.3 75.3 112.9

Manual Integrations

APPROVED

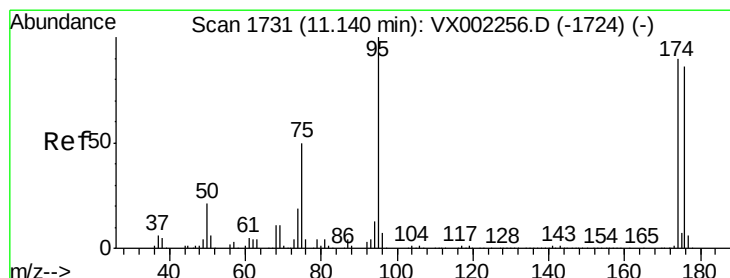
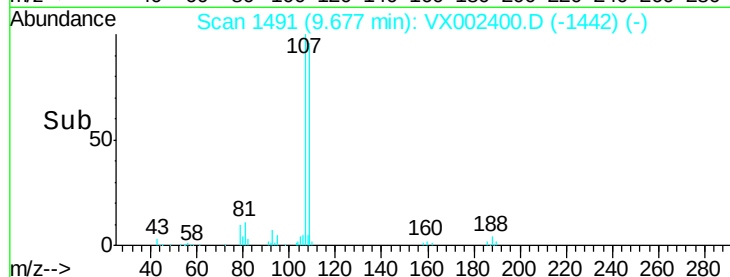
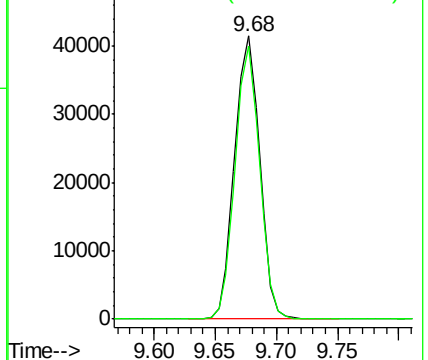
MMDadoda

6/11/2018 9:30:31 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

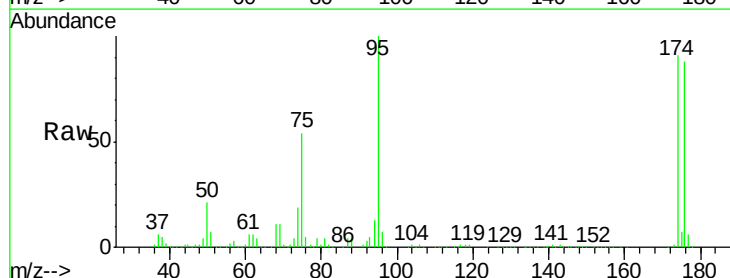
Tgt Ion: 95 Resp: 167247

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

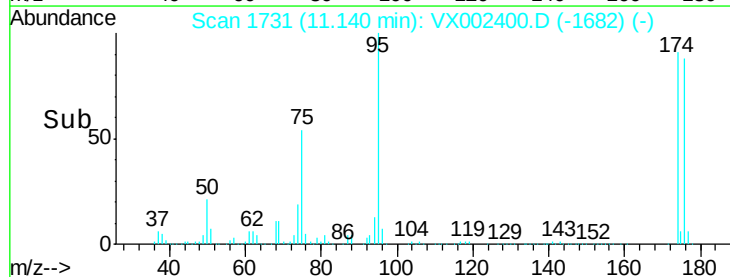
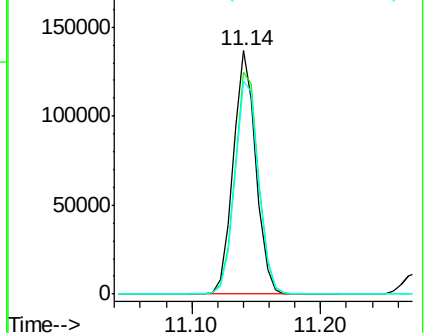
176 92.0 0.0 181.0

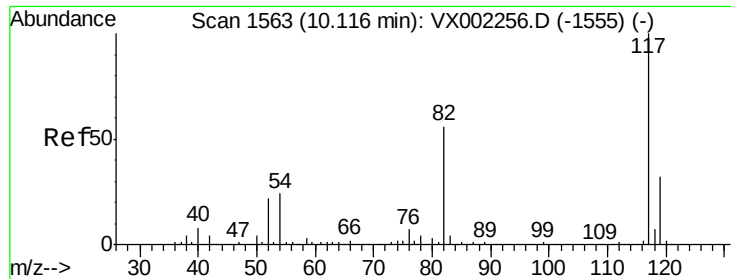


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





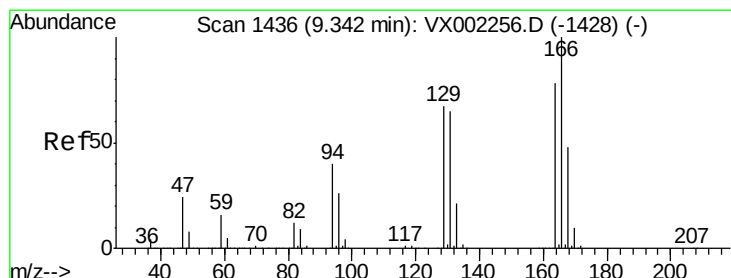
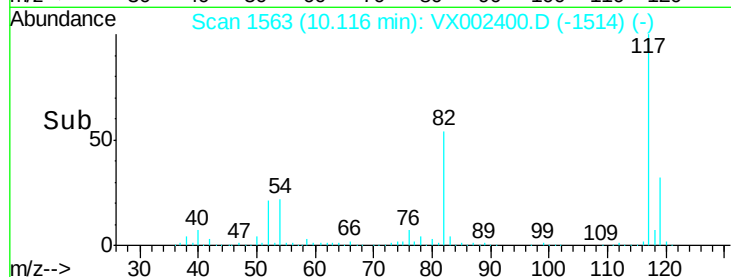
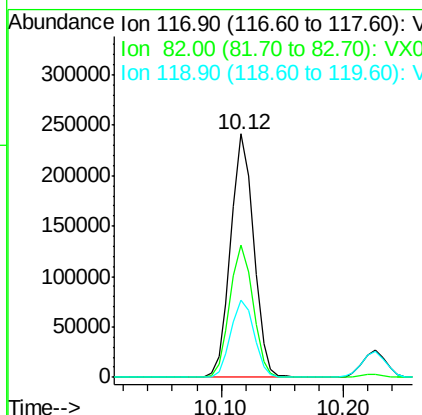
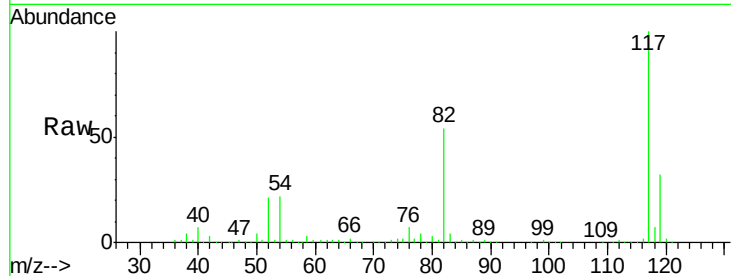
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	313877		
82	54.2	45.0	67.4	
119	31.5	25.8	38.6	

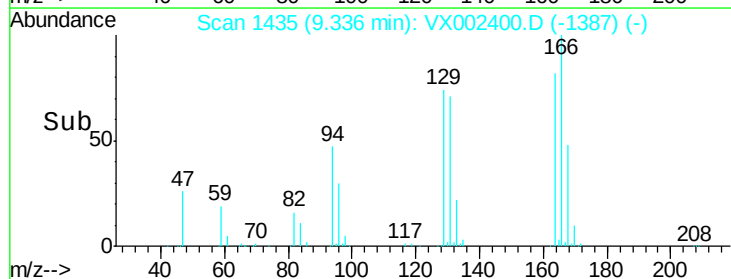
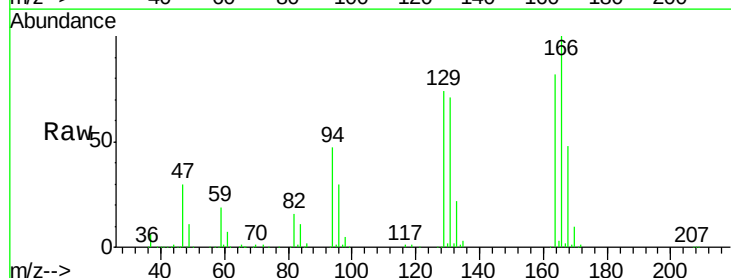
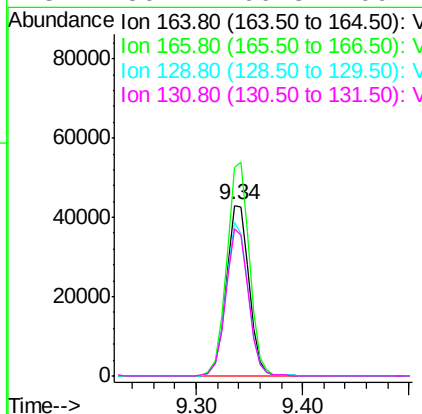
Manual Integrations
APPROVED

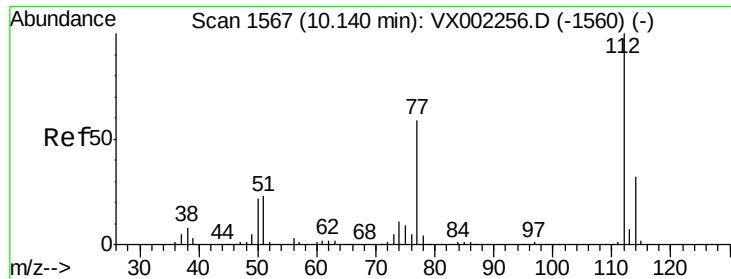
MMDadoda
6/11/2018 9:30:31 AM



#64
Tetrachloroethene
Concen: 19.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64297		
166	122.3	102.9	154.3	
129	89.9	68.6	102.8	
131	86.4	66.8	100.2	





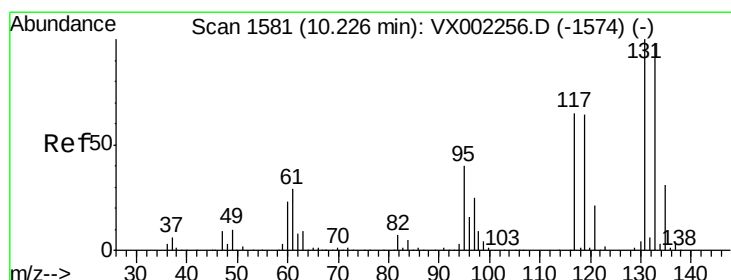
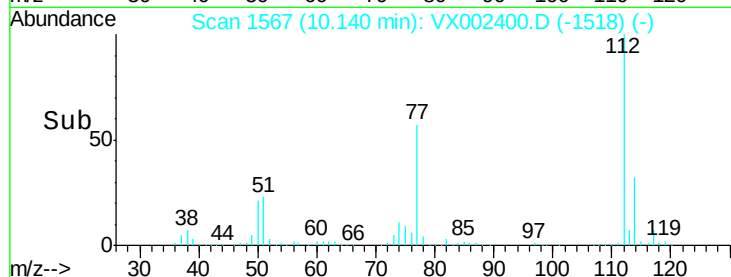
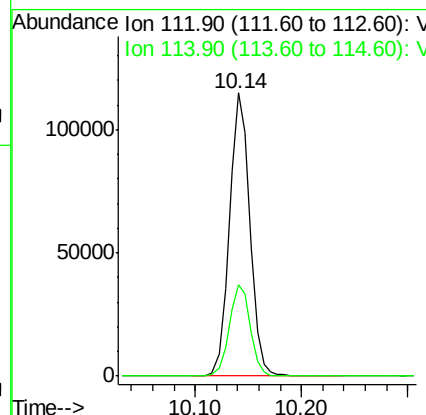
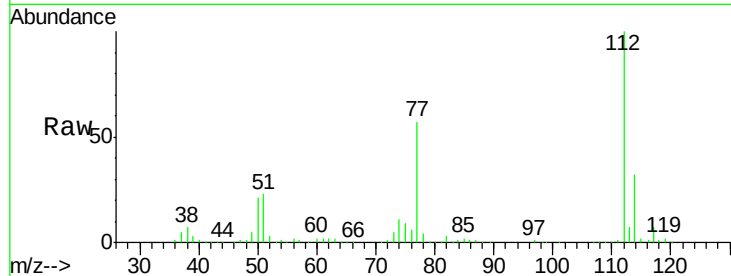
#65
Chlorobenzene
Concen: 19.78 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampled :
VX0608WBSD02

Tgt Ion:112 Resp: 154460
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

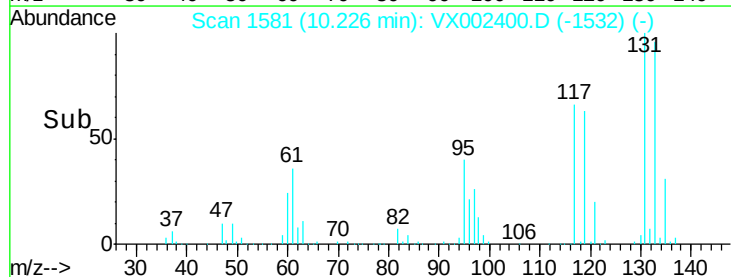
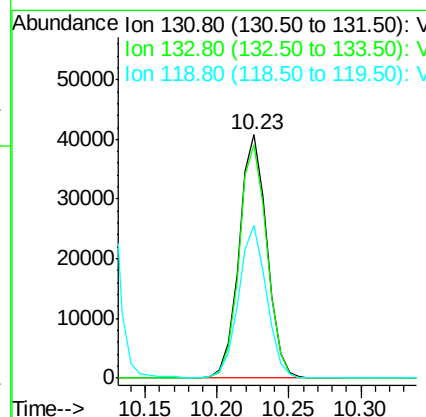
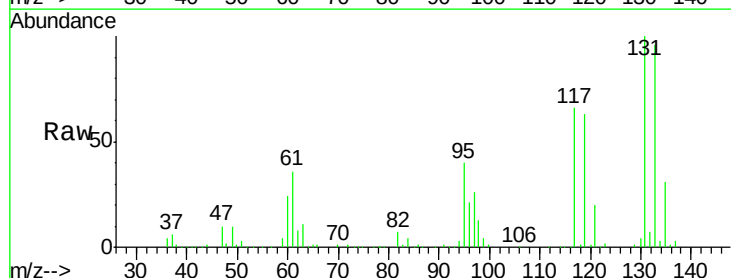
Manual Integrations
APPROVED

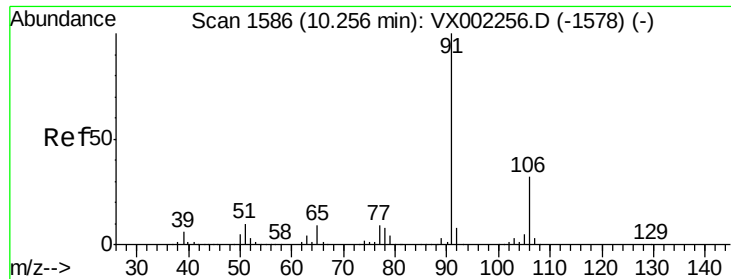
MMDadoda
6/11/2018 9:30:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.36 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion:131 Resp: 54756
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 63.3 31.8 95.3





#67

Ethyl Benzene

Concen: 20.07 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBSD02

Tgt Ion: 91 Resp: 262376

Ion Ratio Lower Upper

91 100

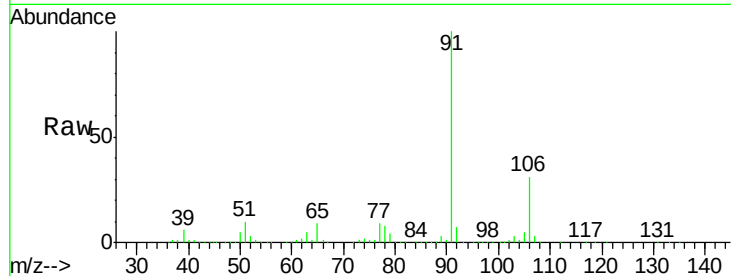
106 31.1 25.5 38.3

Manual Integrations

APPROVED

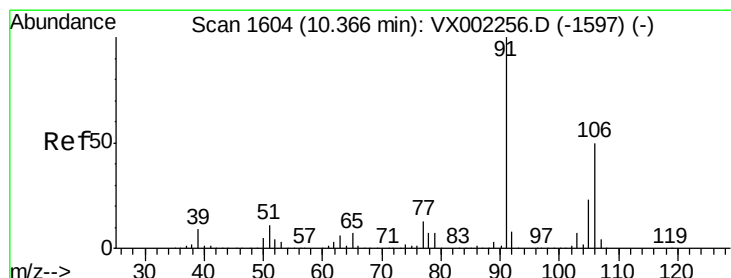
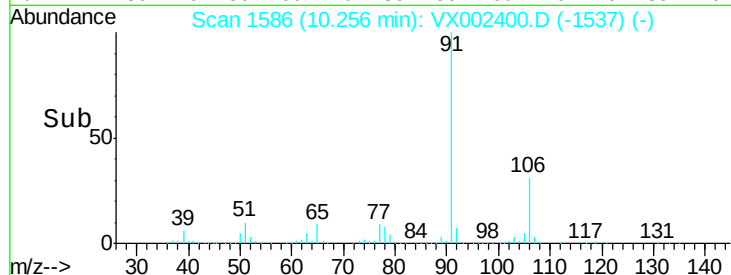
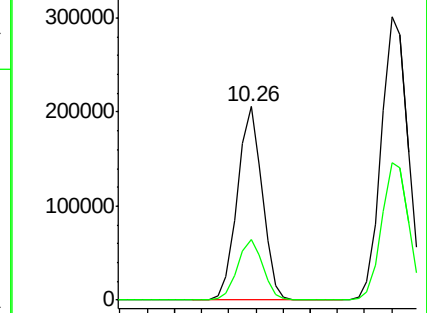
MMDadoda

6/11/2018 9:30:31 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.56 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002400.D

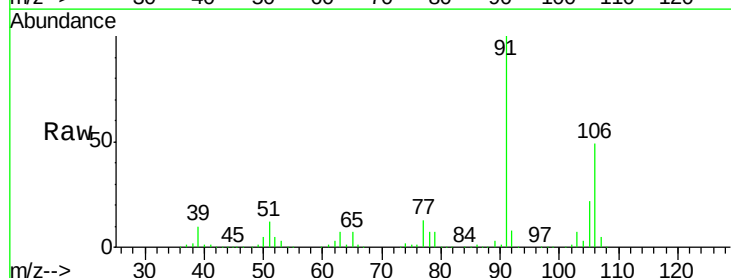
Acq: 08 Jun 2018 14:30

Tgt Ion: 106 Resp: 200989

Ion Ratio Lower Upper

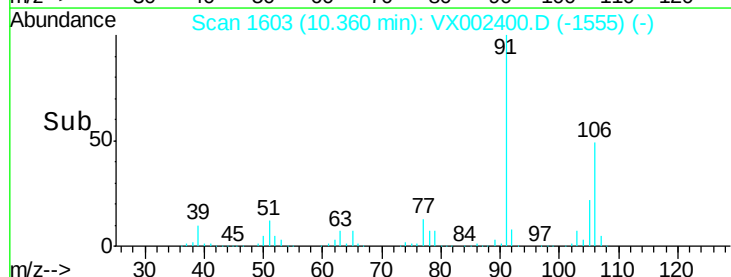
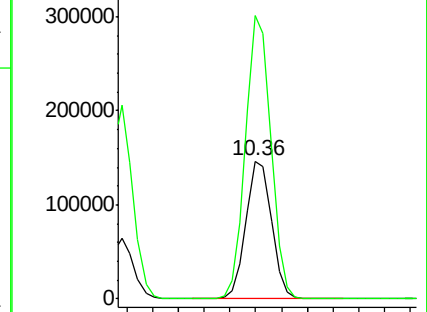
106 100

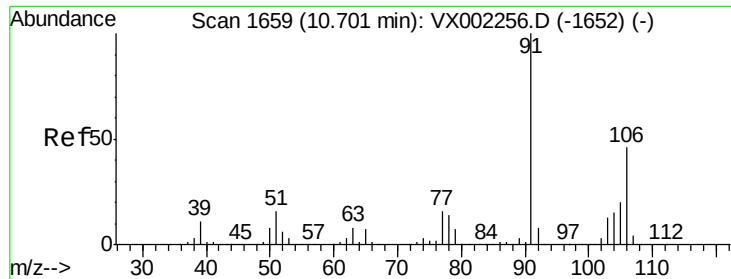
91 204.3 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





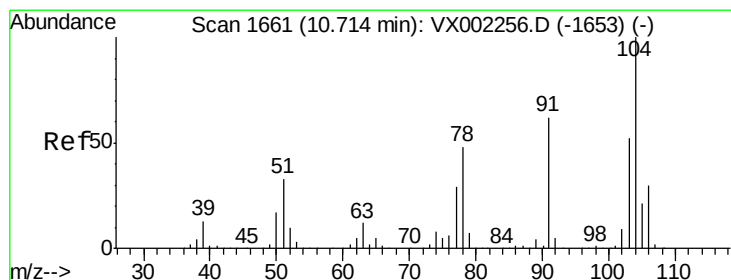
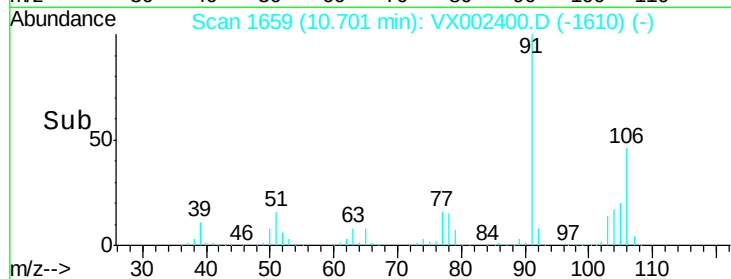
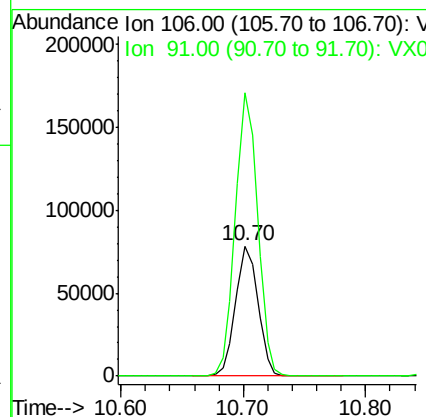
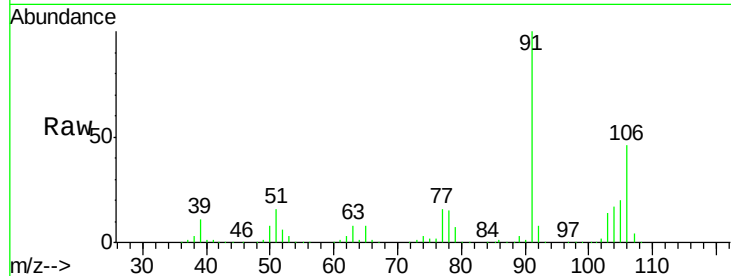
#69
o-Xylene
Concen: 19.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion:106 Resp: 99475
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6

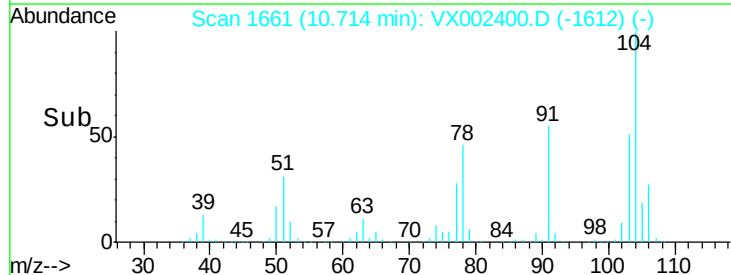
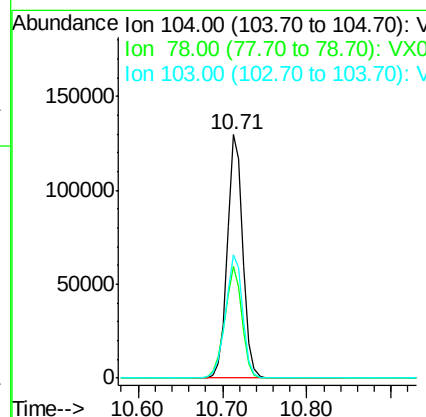
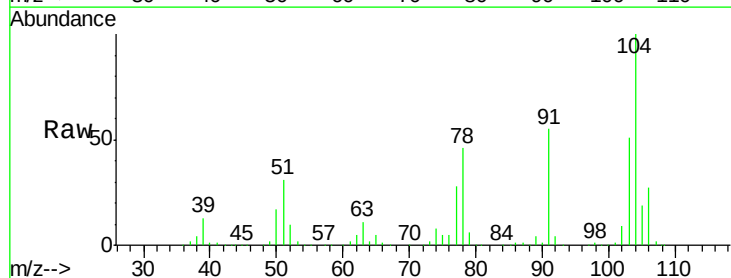
Manual Integrations
APPROVED

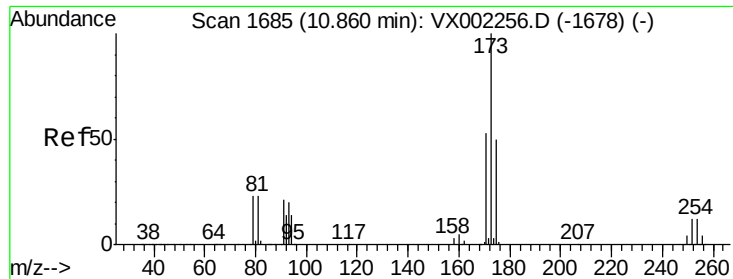
MMDadoda
6/11/2018 9:30:31 AM



#70
Styrene
Concen: 20.00 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion:104 Resp: 165304
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.8 44.2 66.4





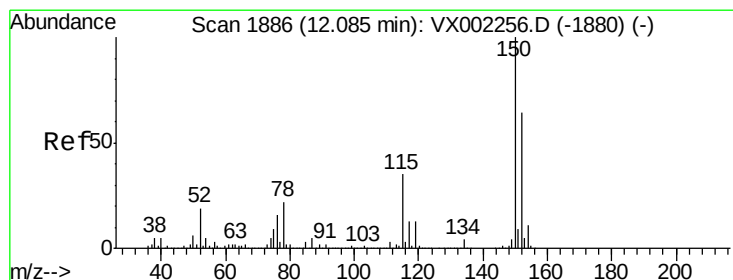
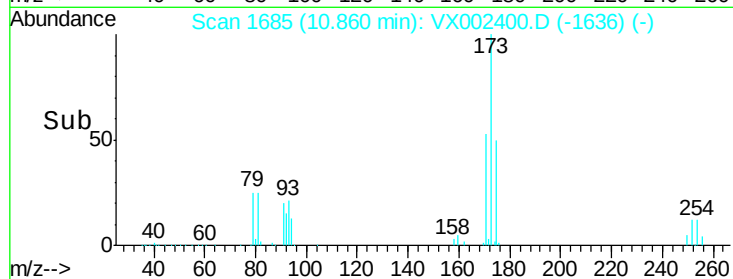
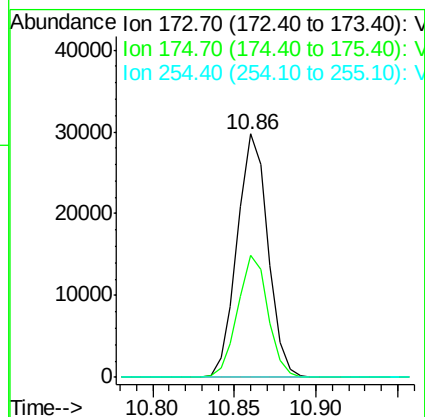
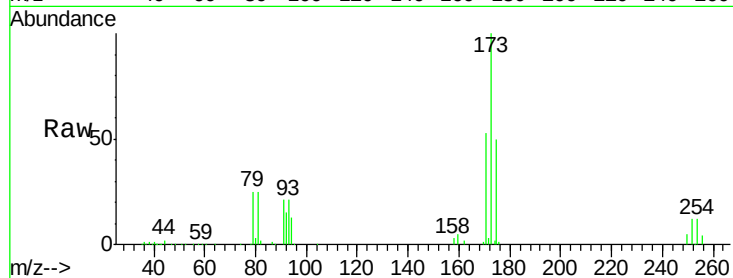
#71
Bromoform
Concen: 17.87 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.7	74.1
254	0.1	0.2	0.2

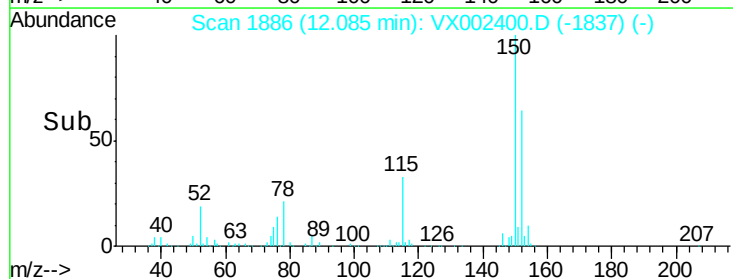
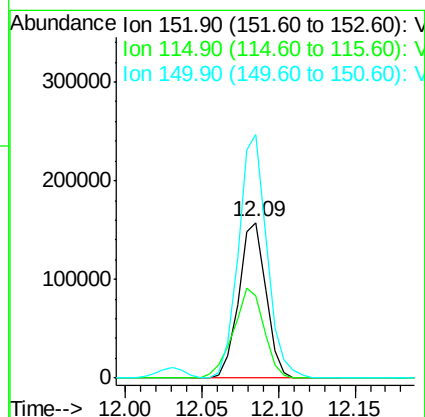
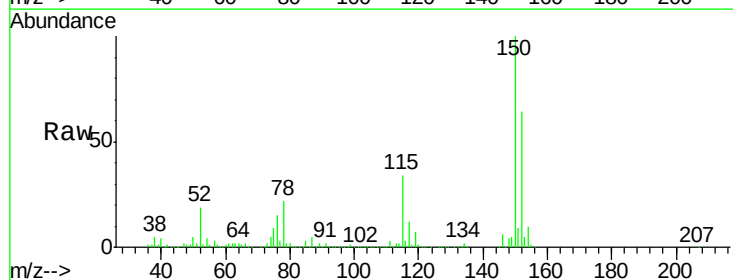
Manual Integrations
APPROVED

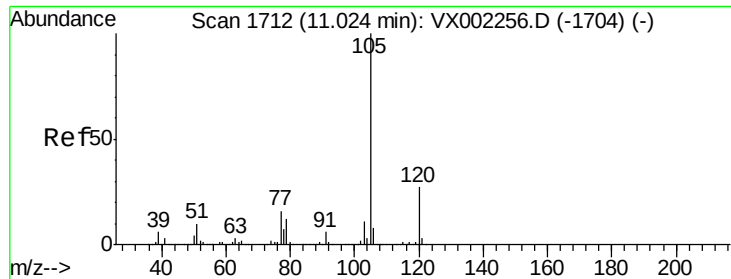
MMDadoda
6/11/2018 9:30:31 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	40.1	120.2
150	163.3	0.0	347.2





#73

Isopropylbenzene

Concen: 20.29 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 105 Resp: 273485

Ion Ratio Lower Upper

105 100

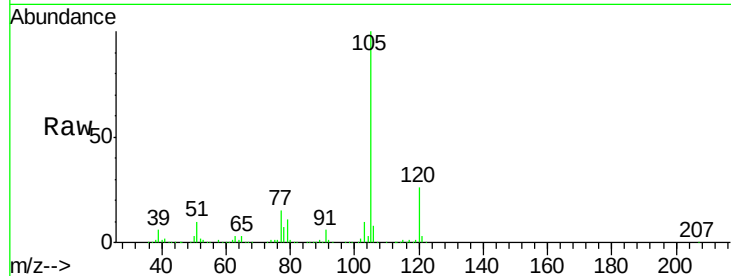
120 26.4 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:31 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

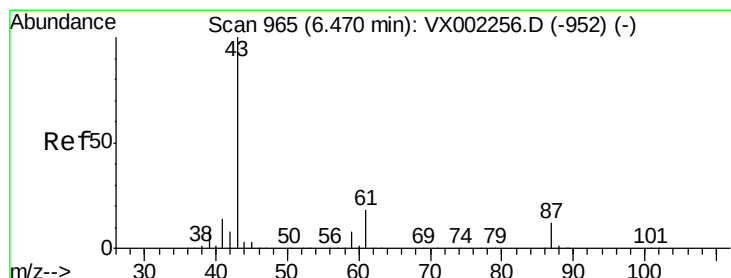
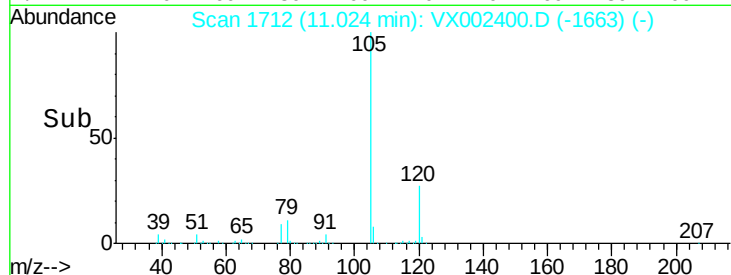
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion: 43 Resp: 138098

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 18.2 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

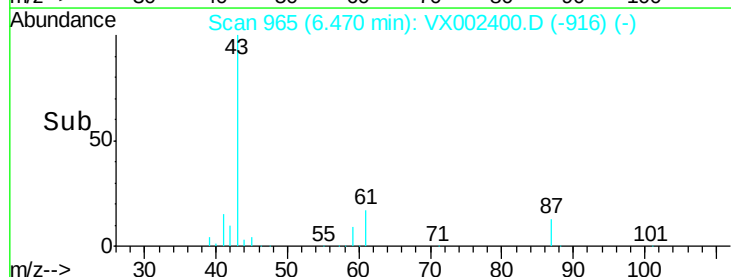
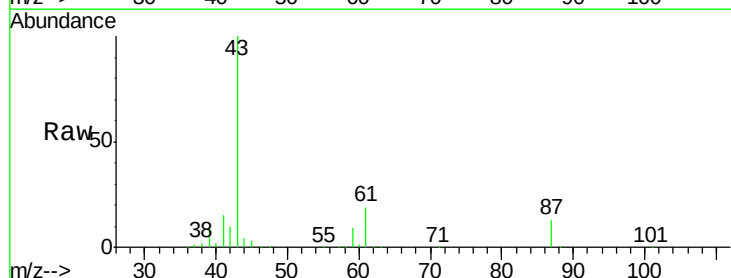
40000

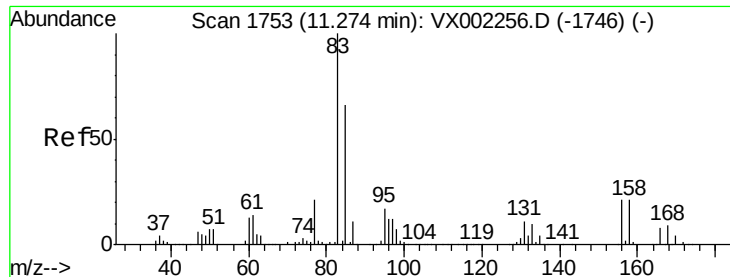
20000

0

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

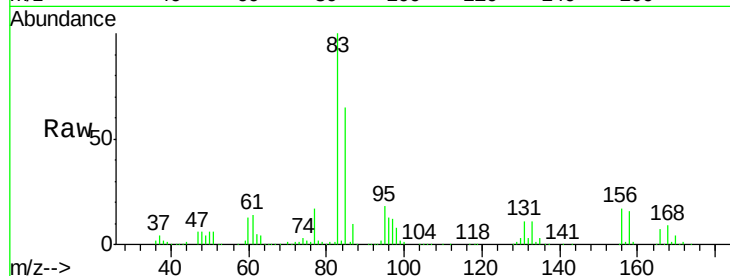
ClientSampleId :

VX0608WBSD02

Tgt Ion:	83	Resp:	85230
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.6	16.8
85	64.9	32.4	97.2

Manual Integrations
APPROVED

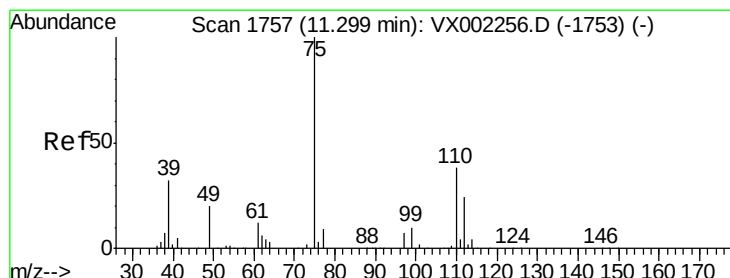
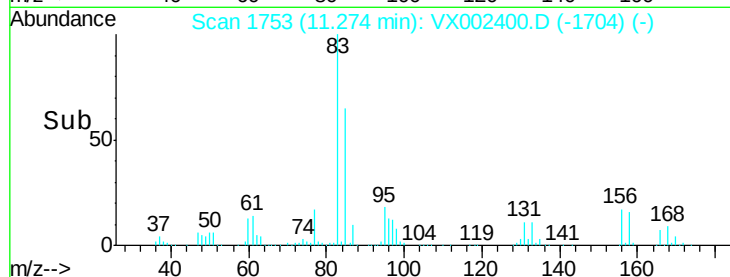
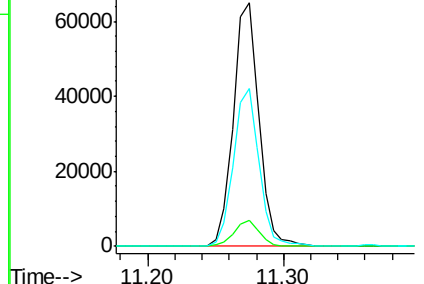
MMDadoda
6/11/2018 9:30:31 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.75 ug/l m

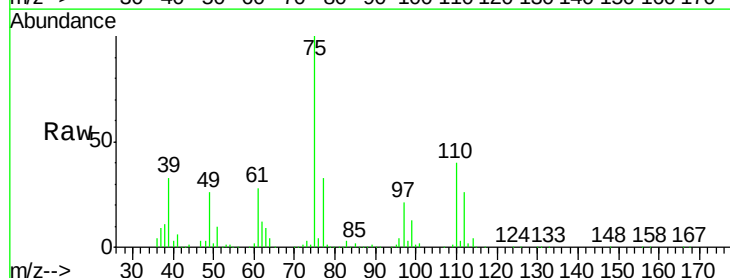
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002400.D

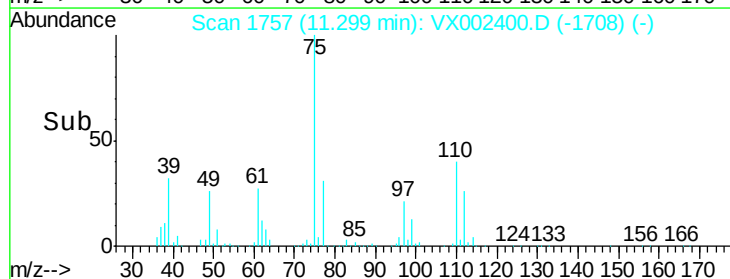
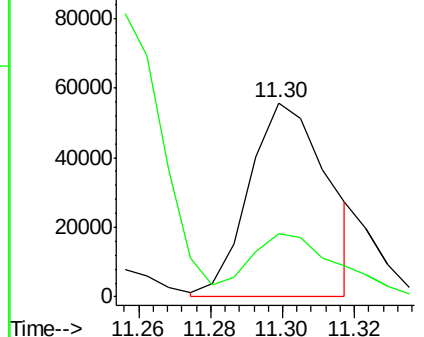
Acq: 08 Jun 2018 14:30

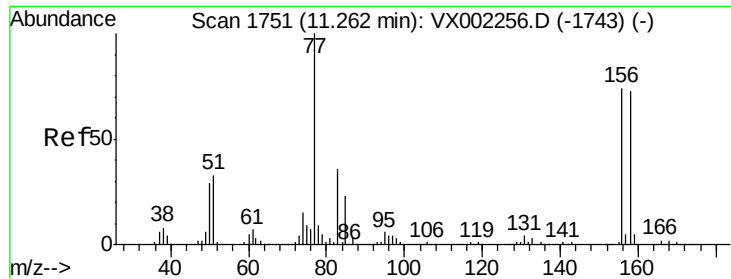
Tgt Ion:	75	Resp:	83938
Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.59 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

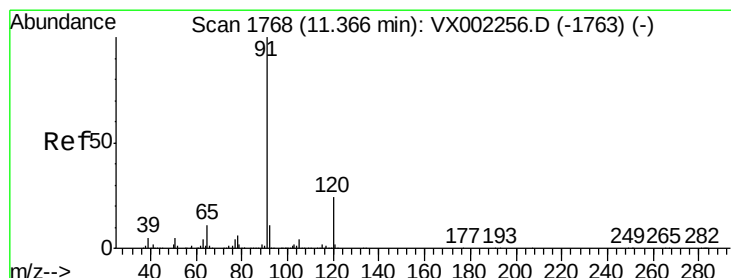
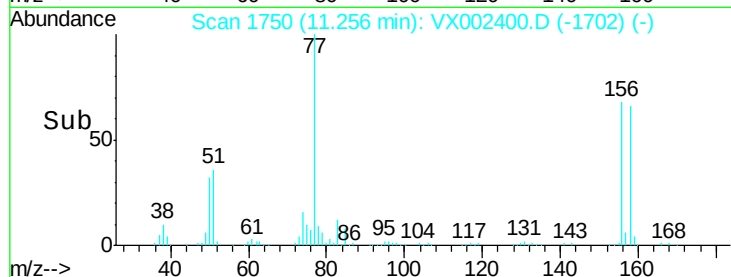
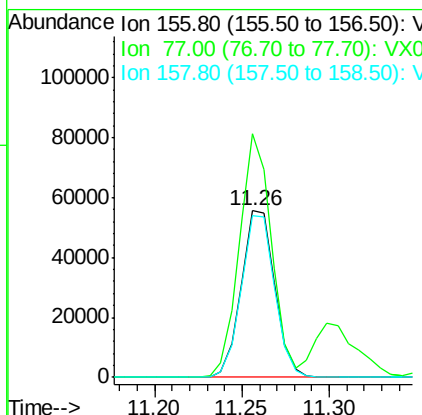
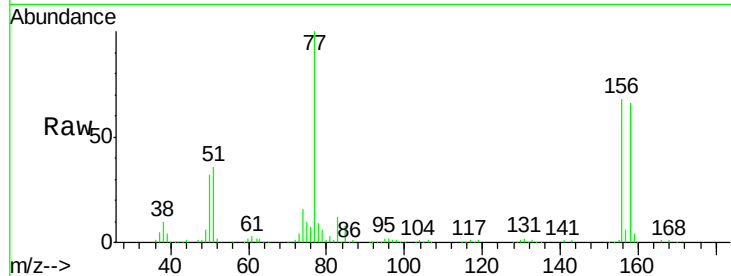
ClientSampleId :

VX0608WBSD02

Tgt Ion:	156	Resp:	74123
Ion Ratio	Lower	Upper	
156	100		
77	139.7	71.4	214.2
158	96.6	48.9	146.6

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#78

n-propylbenzene

Concen: 20.61 ug/l

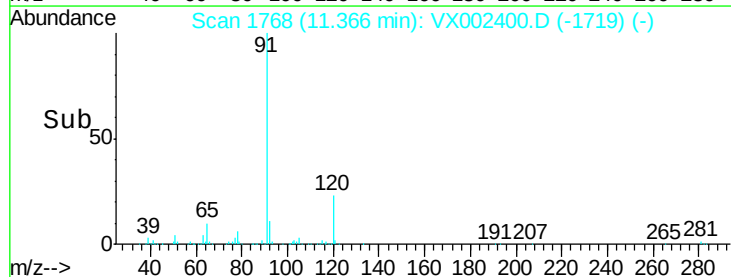
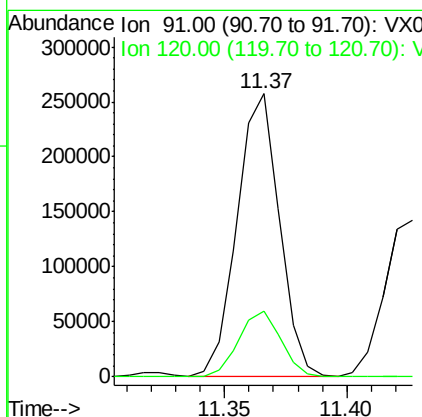
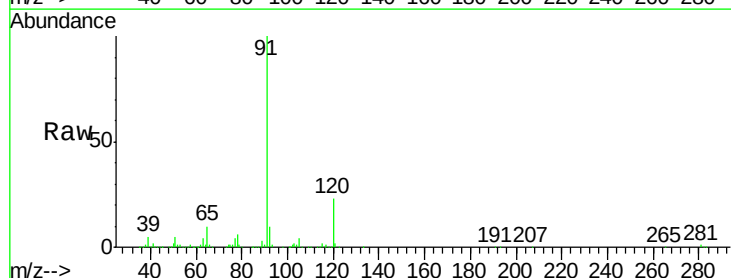
RT: 11.37 min Scan# 1768

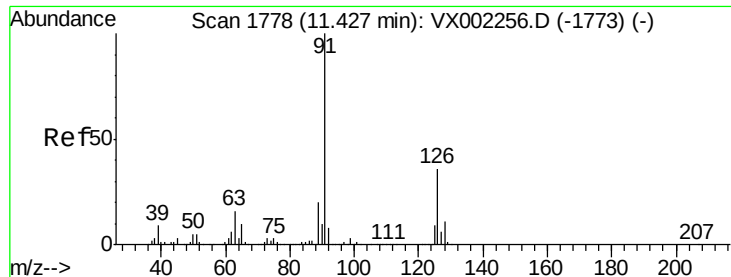
Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	91	Resp:	308697
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.53 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 91 Resp: 184740

Ion Ratio Lower Upper

91 100

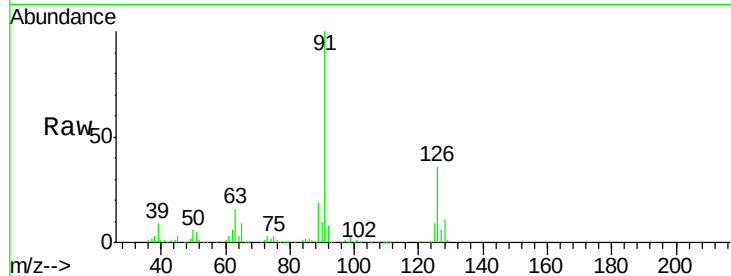
126 35.3 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

300000

250000

200000

150000

100000

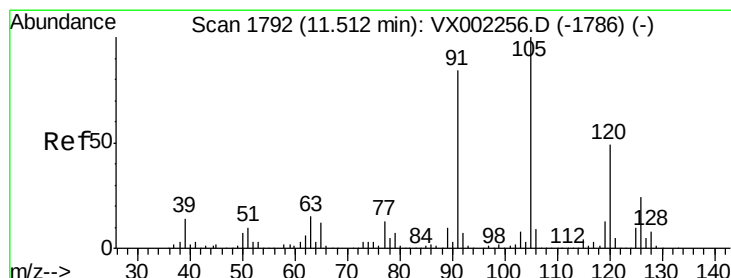
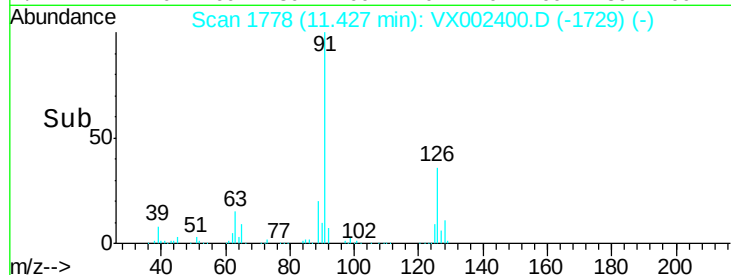
50000

0

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002400.D

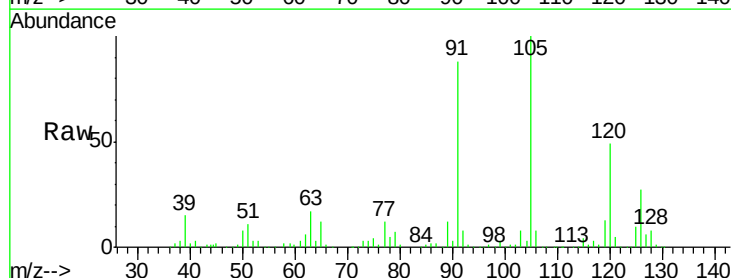
Acq: 08 Jun 2018 14:30

Tgt Ion: 105 Resp: 230659

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

200000

150000

100000

50000

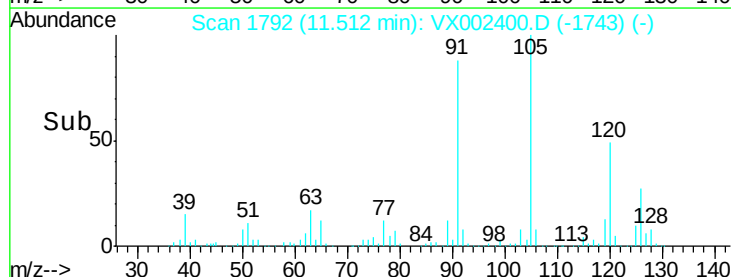
0

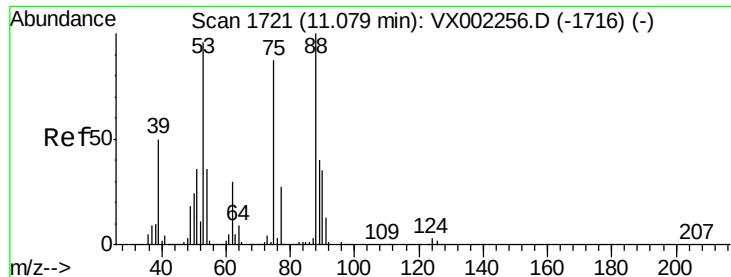
11.40

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.43 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

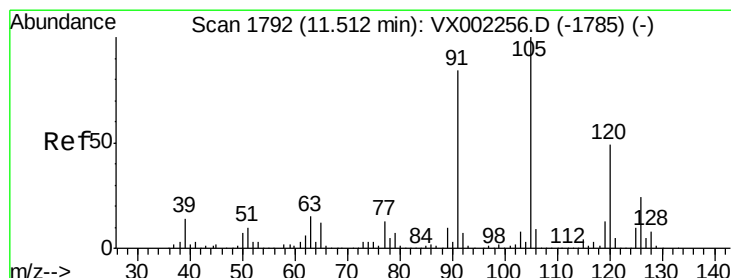
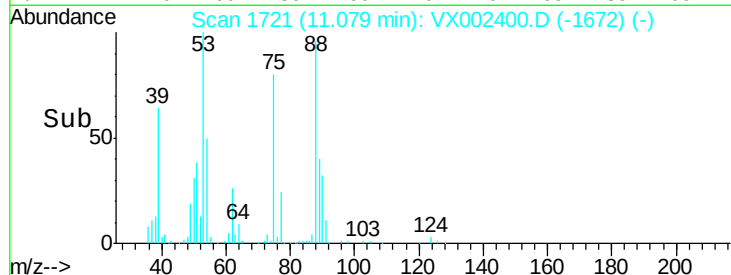
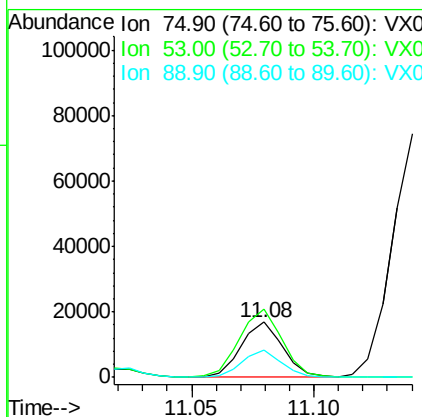
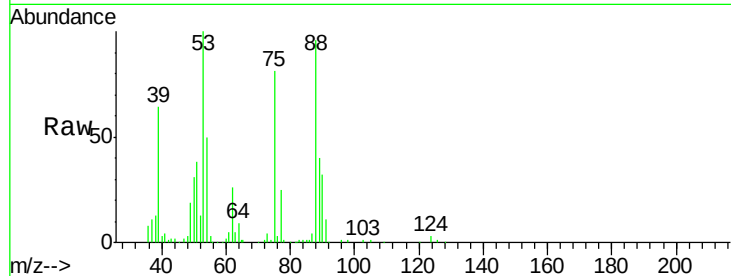
ClientSampleId :

VX0608WBSD02

Tgt Ion:	75	Resp:	19927
Ion Ratio	Lower	Upper	
75	100		
53	127.2	86.8	130.2
89	48.2	38.2	57.2

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#82

4-Chlorotoluene

Concen: 19.42 ug/l

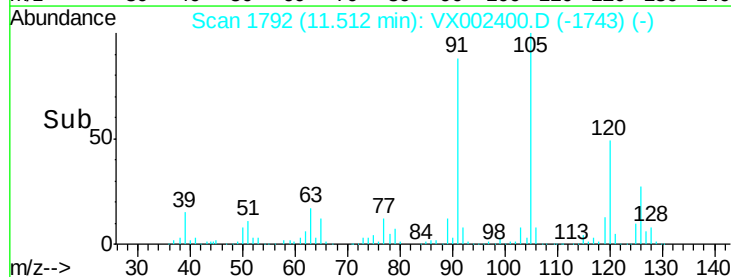
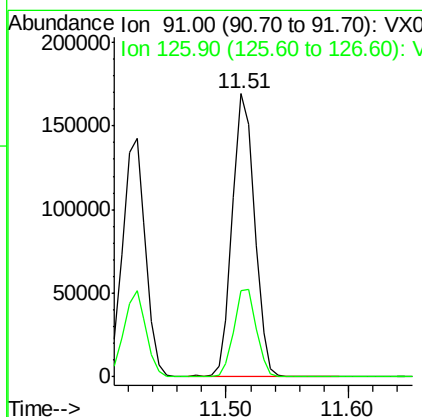
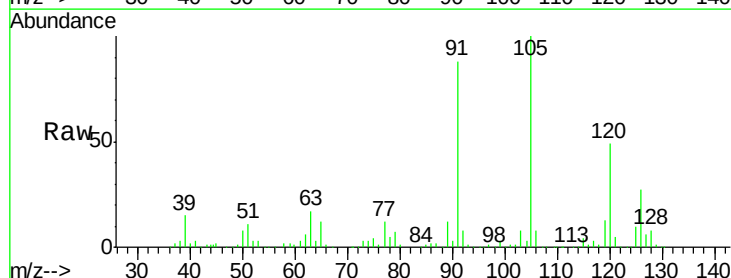
RT: 11.51 min Scan# 1792

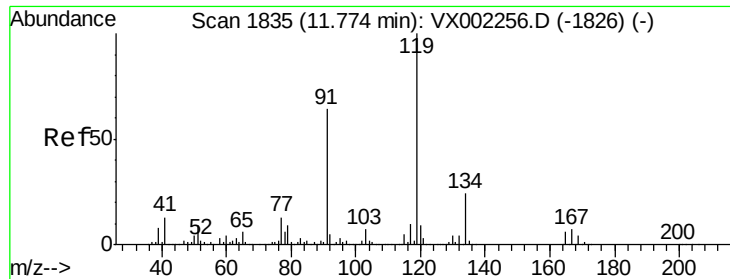
Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:	91	Resp:	212011
Ion Ratio	Lower	Upper	
91	100		
126	31.2	15.4	46.4





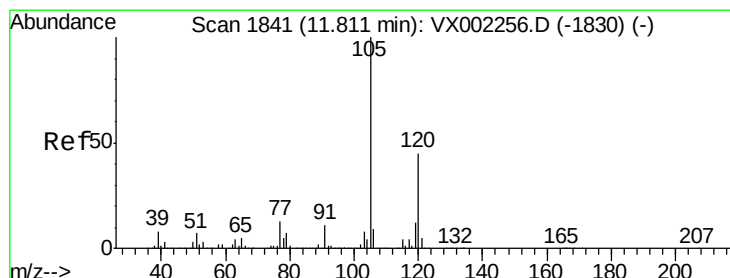
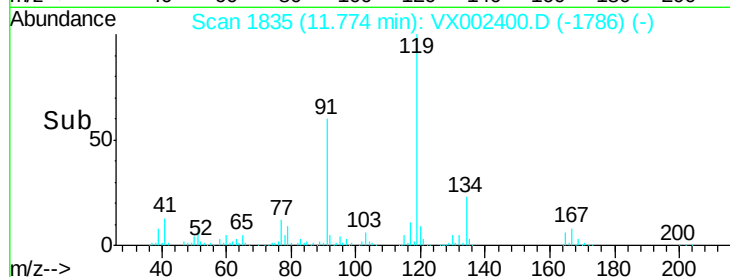
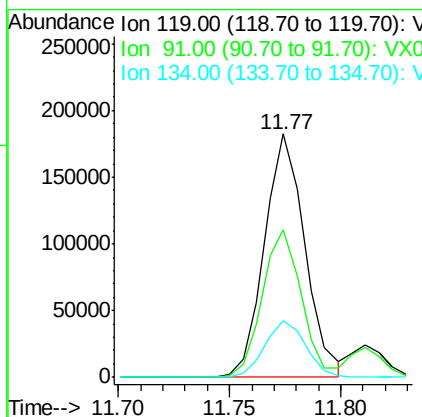
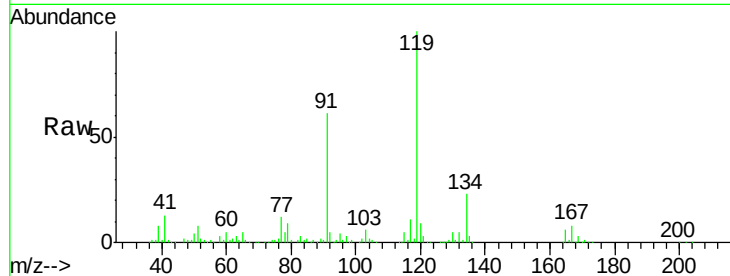
#83
 tert-Butylbenzene
 Concen: 20.44 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.3	90.9
134	23.6	11.7	35.1

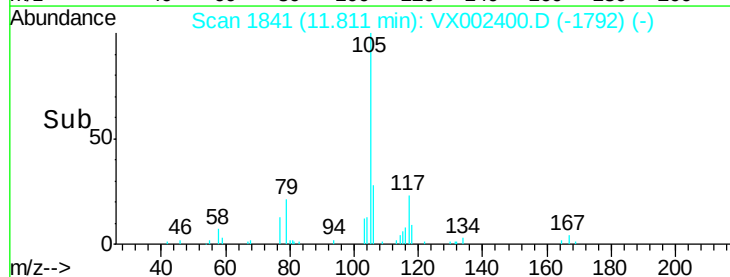
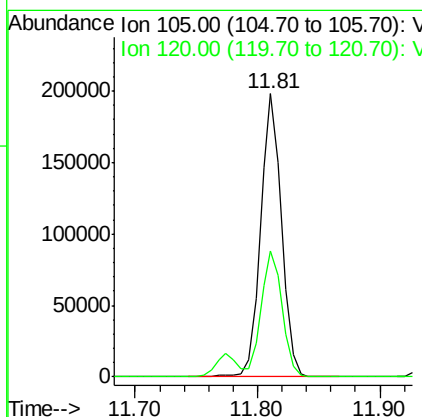
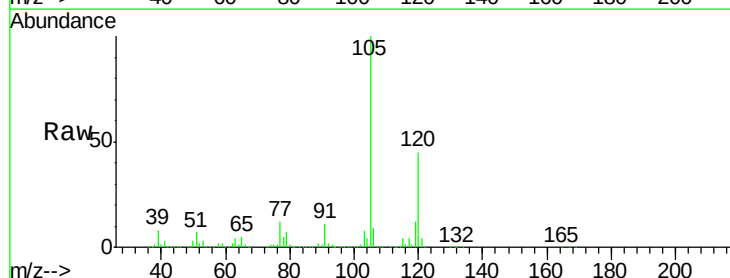
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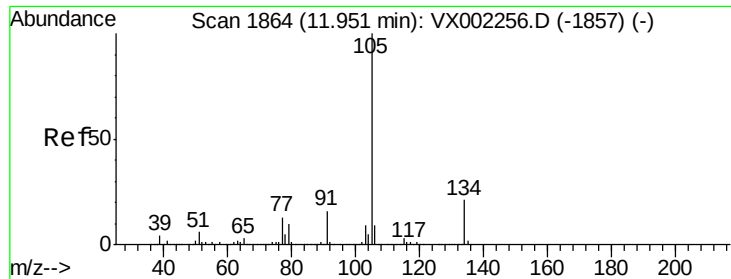
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 21.23 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion:105 Resp: 280118

Ion Ratio Lower Upper

105 100

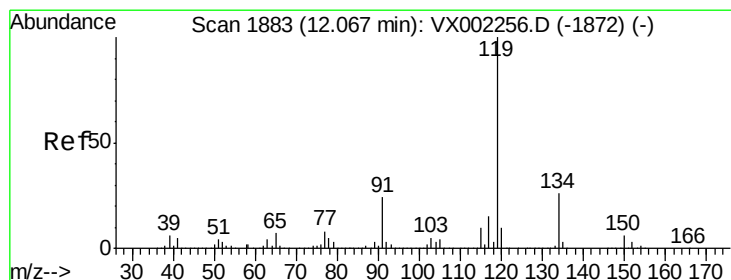
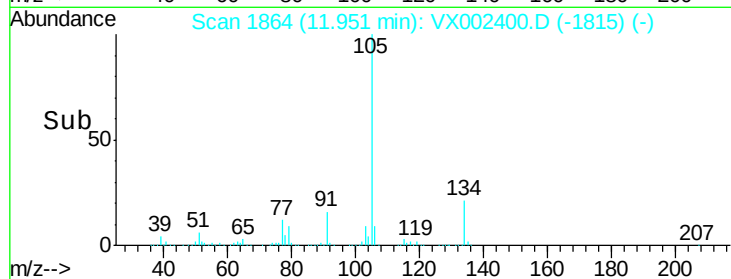
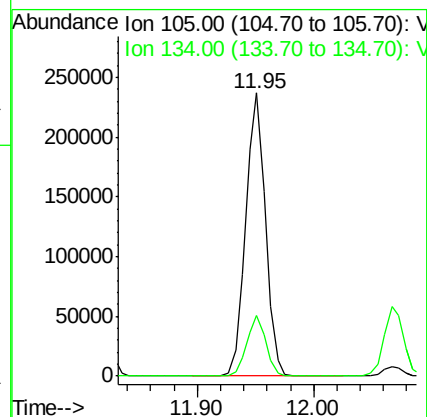
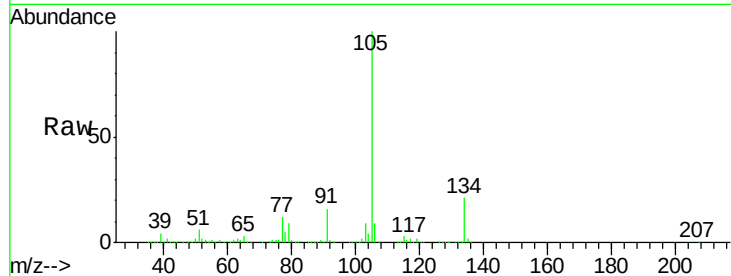
134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 20.89 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

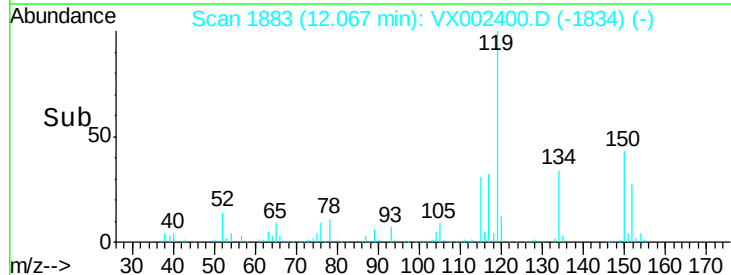
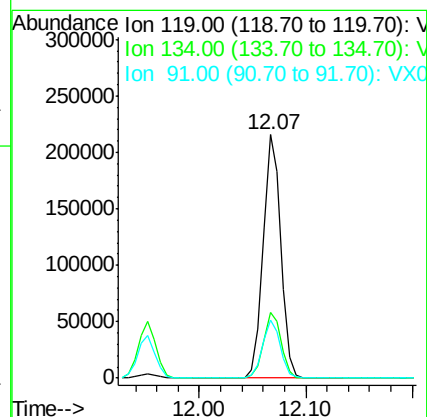
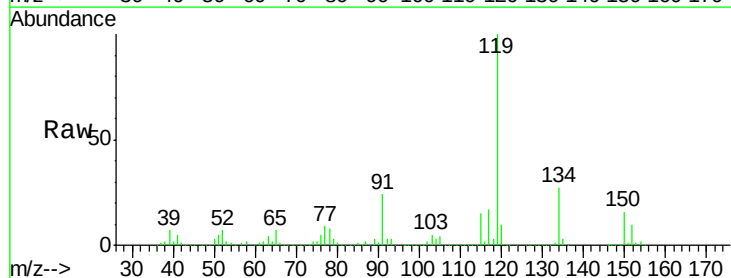
Tgt Ion:119 Resp: 251119

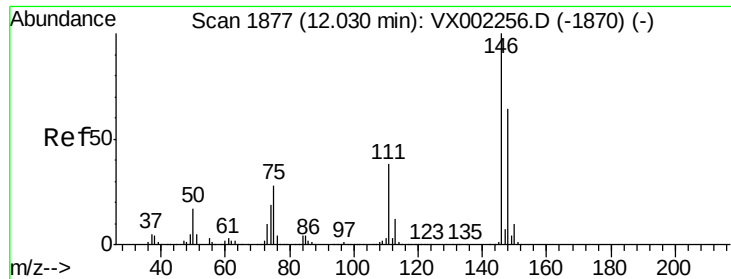
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 24.0 11.9 35.7





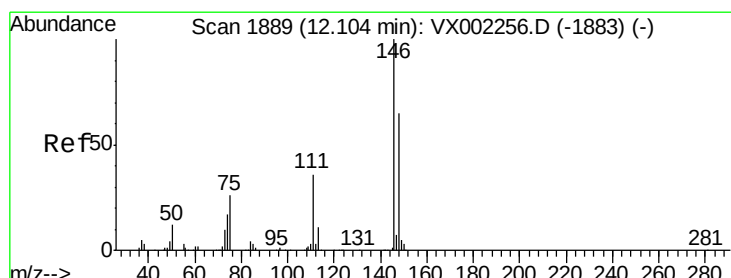
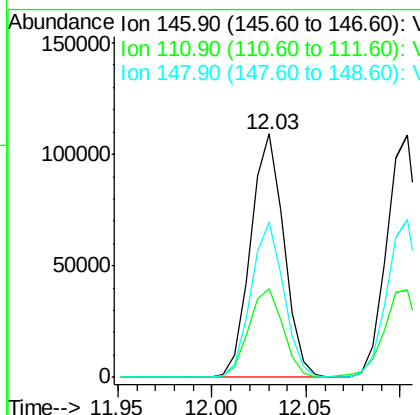
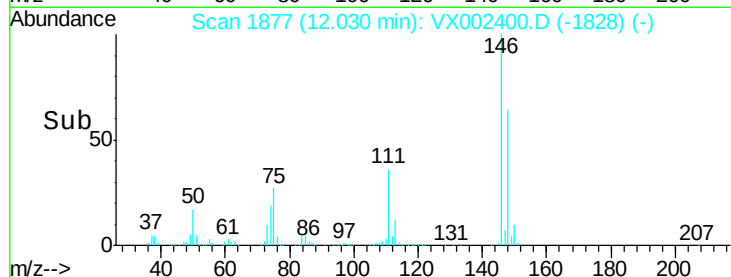
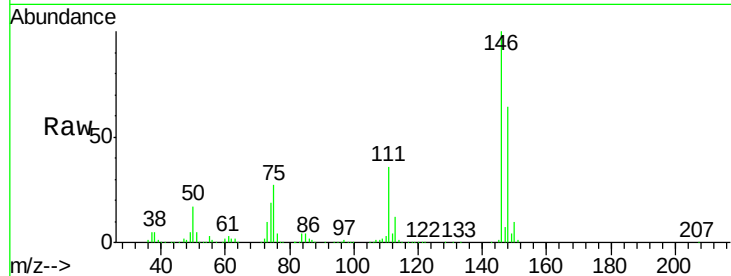
#87
 1,3-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	62.9	32.1	96.3

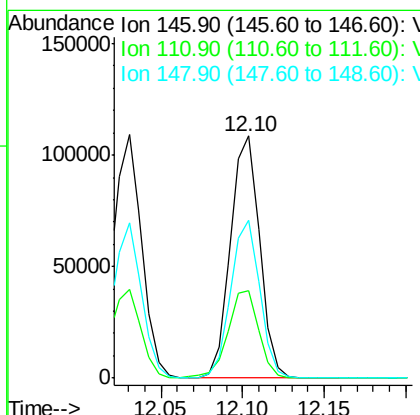
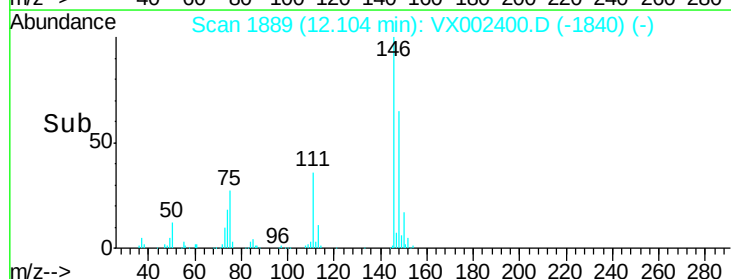
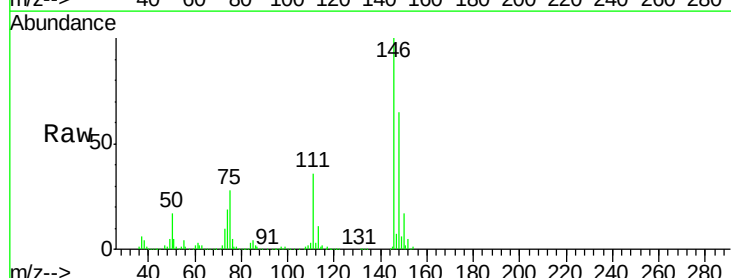
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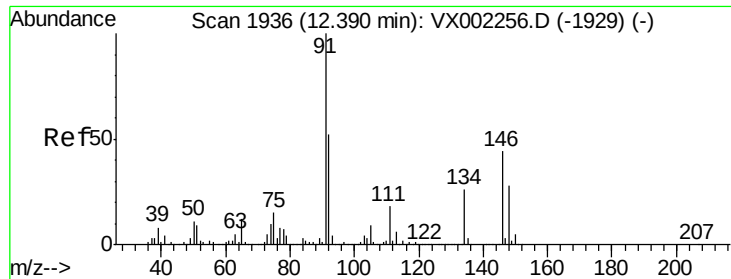
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	65.3	32.4	97.0





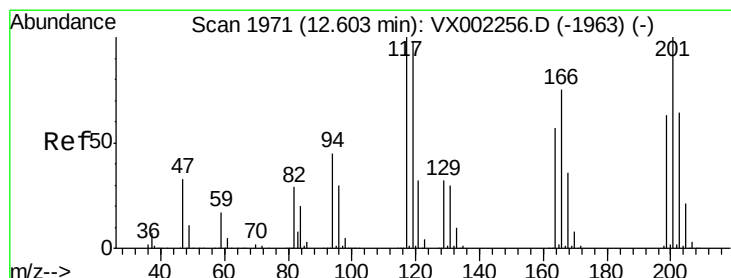
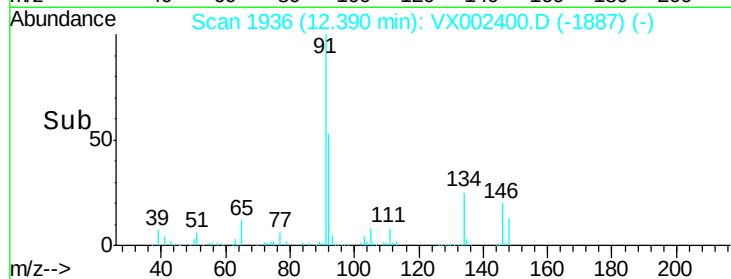
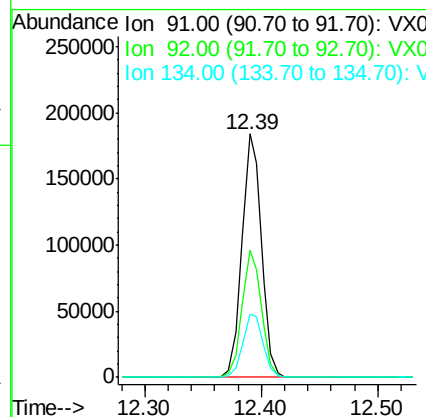
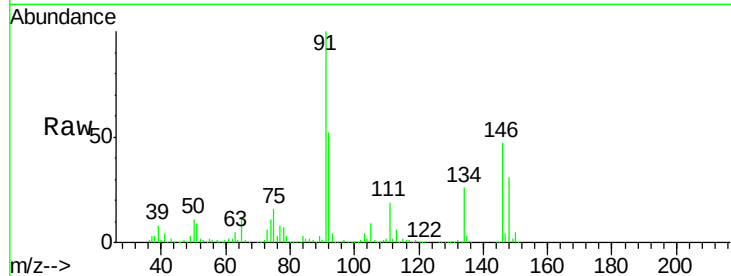
#89
n-Butylbenzene
Concen: 21.33 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	26.7	13.5	40.5

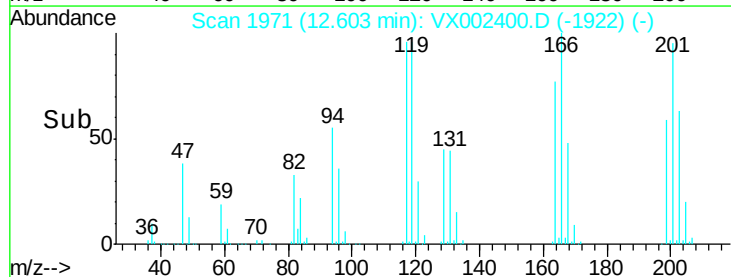
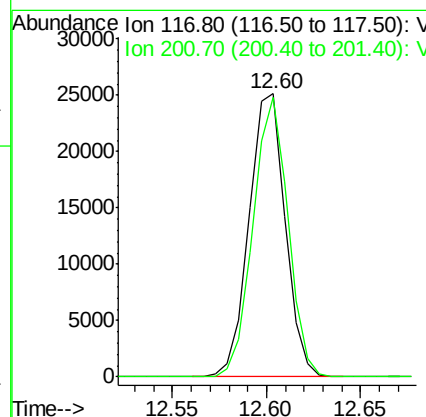
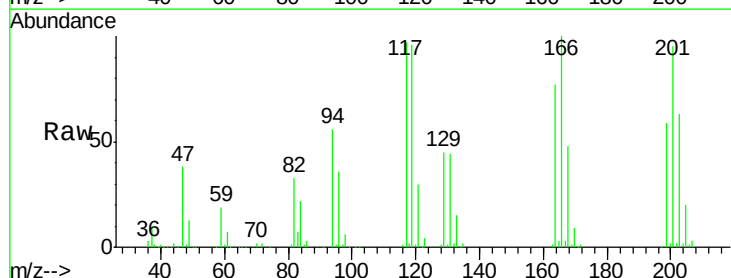
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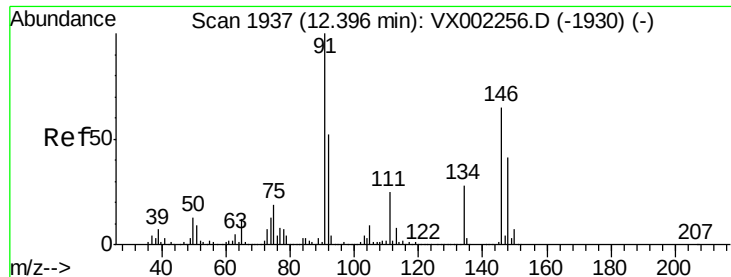
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#90
Hexachloroethane
Concen: 17.45 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.2	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 19.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

Tgt Ion: 146 Resp: 137670

Ion Ratio Lower Upper

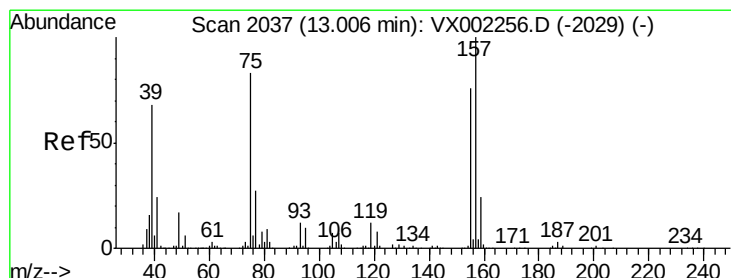
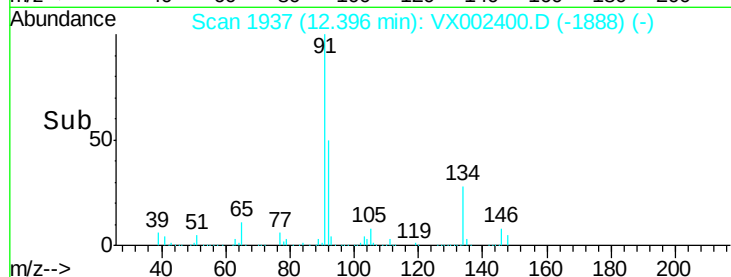
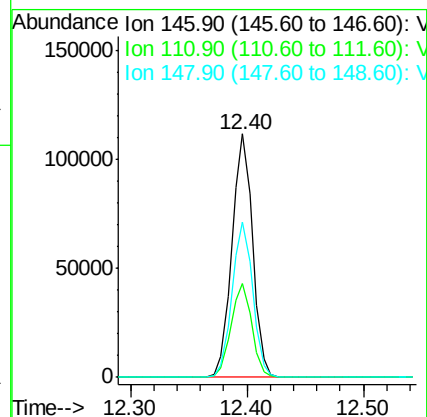
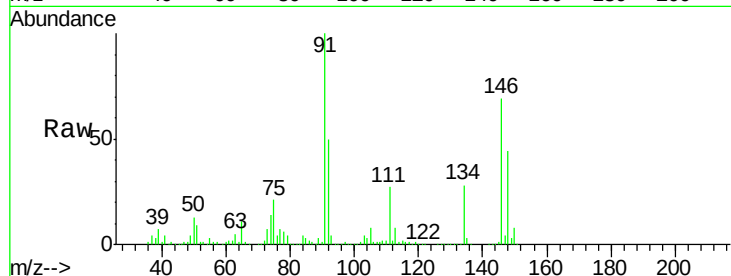
146 100

111 38.5 19.4 58.1

148 63.8 31.7 95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.19 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

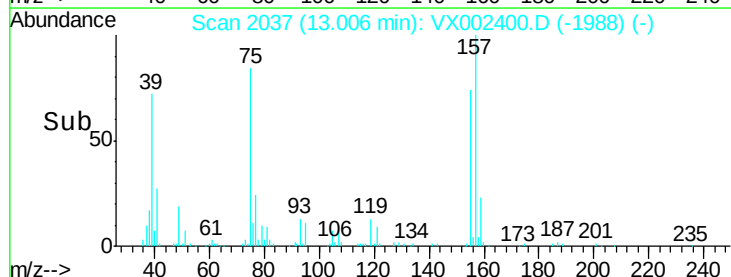
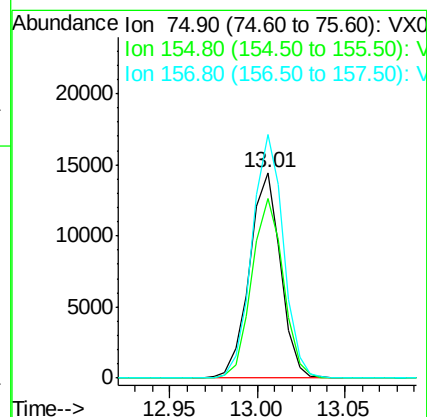
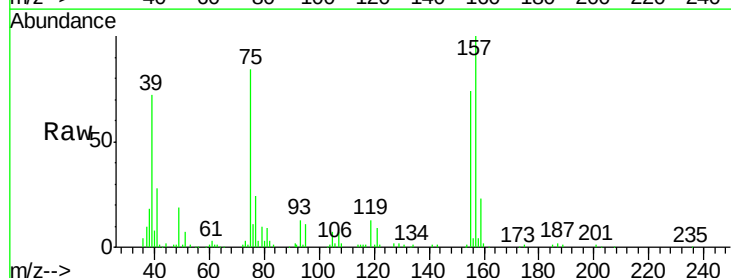
Tgt Ion: 75 Resp: 17783

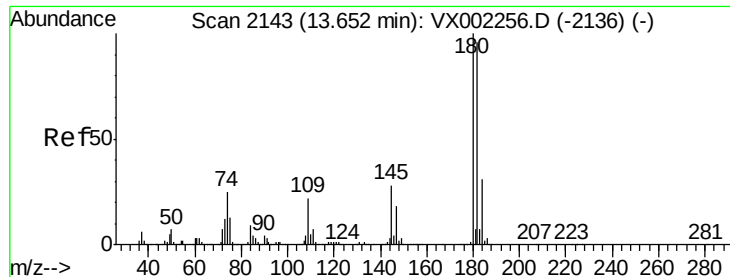
Ion Ratio Lower Upper

75 100

155 88.5 45.8 137.4

157 119.5 60.1 180.3





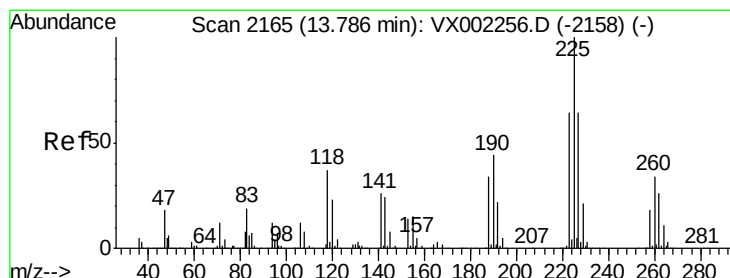
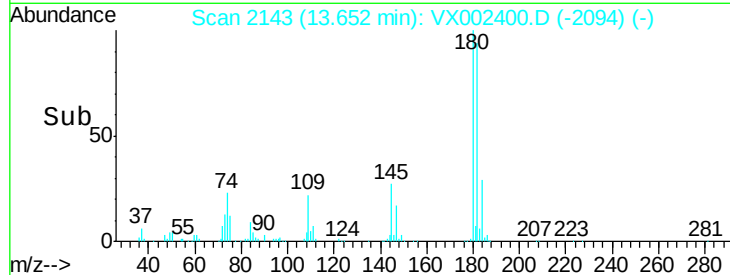
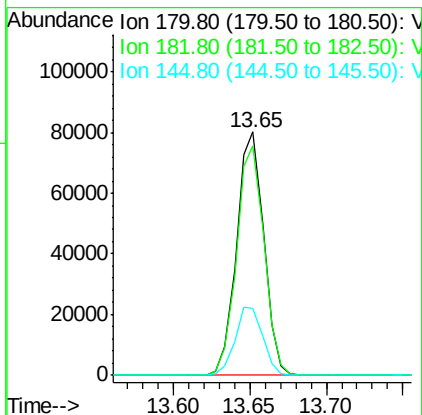
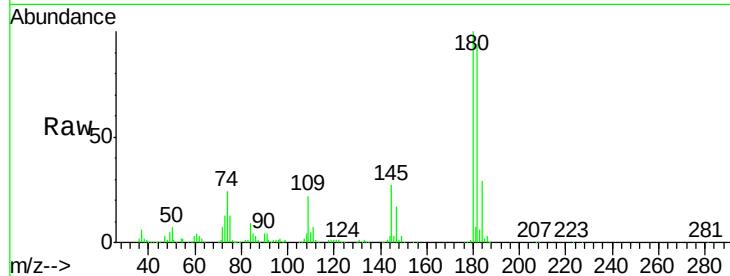
#93
 1,2,4-Trichlorobenzene
 Concen: 20.06 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.7	143.1
145	28.5	14.1	42.4

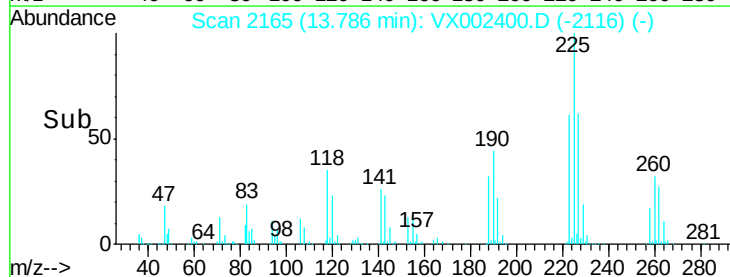
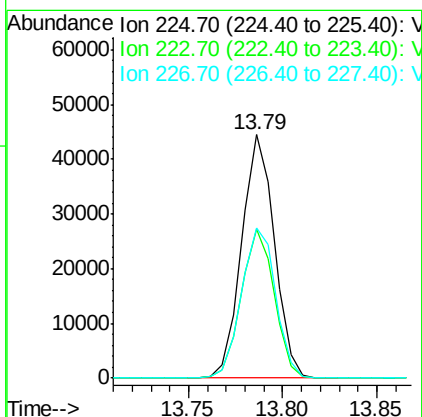
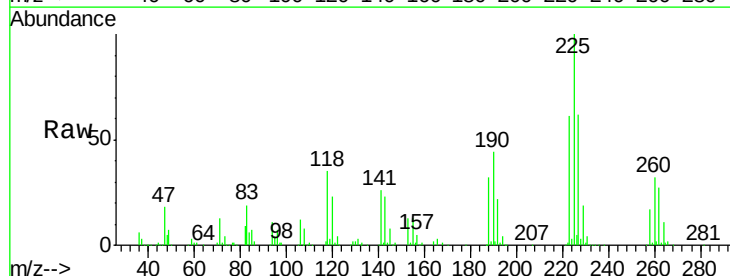
Manual Integrations
 APPROVED

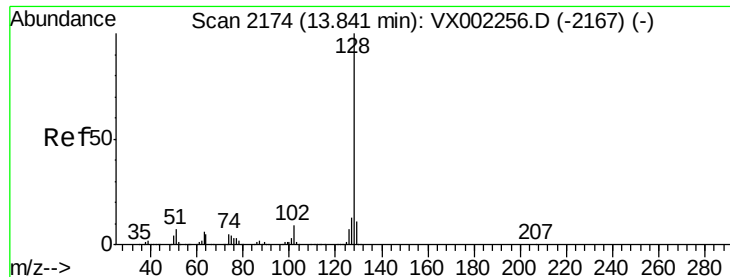
MMDadoda
 6/11/2018 9:30:31 AM



#94
 Hexachlorobutadiene
 Concen: 22.07 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.6	95.0
227	64.7	32.4	97.2





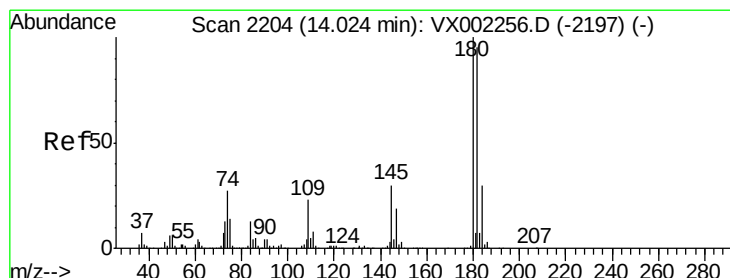
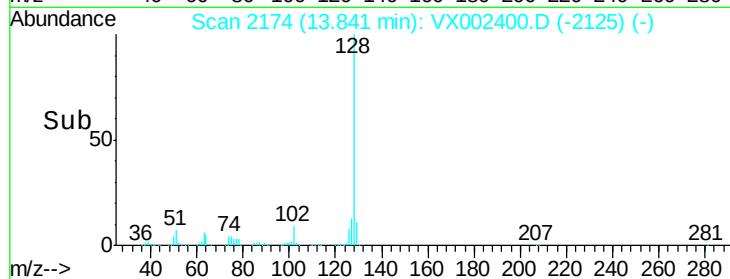
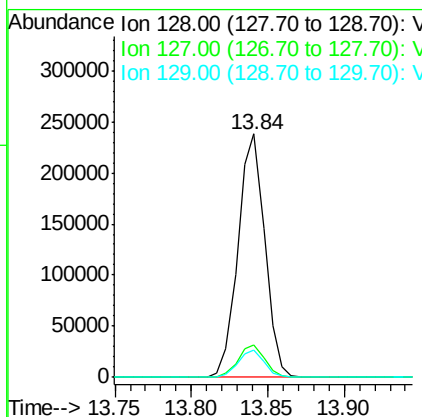
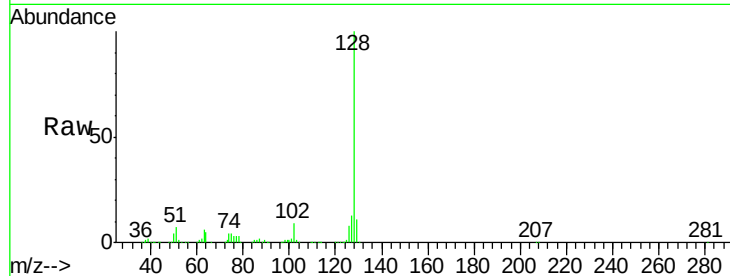
#95
Naphthalene
Concen: 20.46 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.74 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	48.0	144.0
145	29.0	14.8	44.3

