

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003365.D
 Acq On : 13 Jul 2018 13:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 14 01:17:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	449912	152.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.14%	
35) Dibromofluoromethane	5.51	113	416968	140.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.60%	
50) Toluene-d8	8.72	98	1435359	151.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.80%	
62) 4-Bromofluorobenzene	11.14	95	594874	144.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	331086	153.229	ug/l	99
3) Chloromethane	1.32	50	393218	151.245	ug/l	98
4) Vinyl Chloride	1.40	62	490215	136.994	ug/l	100
5) Bromomethane	1.63	94	209178	103.326	ug/l	99
6) Chloroethane	1.70	64	281081	147.014	ug/l	99
7) Trichlorofluoromethane	1.92	101	704288	136.609	ug/l	99
8) Diethyl Ether	2.19	74	322811	141.395	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	457120	137.956	ug/l	98
10) Methyl Iodide	2.50	142	570899	169.646	ug/l	93
11) Tert butyl alcohol	3.10	59	563102	700.680	ug/l	99
12) 1,1-Dichloroethene	2.37	96	426393	138.579	ug/l	89
13) Acrolein	2.30	56	198003	770.337	ug/l	99
14) Allyl chloride	2.72	41	823633	139.560	ug/l	86
15) Acrylonitrile	3.16	53	1401036	698.269	ug/l	98
16) Acetone	2.45	43	1061762	682.484	ug/l	90
17) Carbon Disulfide	2.56	76	1055148	139.662	ug/l	99
18) Methyl Acetate	2.78	43	687496	142.322	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	1558737	141.671	ug/l	100
20) Methylene Chloride	2.86	84	500795	153.965	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	459683	140.004	ug/l	96
22) Diisopropyl ether	3.88	45	1562693	142.244	ug/l	94
23) Vinyl Acetate	3.83	43	6412944	714.378	ug/l	95
24) 1,1-Dichloroethane	3.69	63	882452	141.677	ug/l	100
25) 2-Butanone	4.72	43	1737515	720.560	ug/l	92
26) 2,2-Dichloropropane	4.59	77	637806	144.675	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	541734	150.098	ug/l	90
28) Bromochloromethane	5.03	49	387921	136.700	ug/l	90
29) Tetrahydrofuran	5.17	42	1117480	725.445	ug/l	92
30) Chloroform	5.22	83	867901	145.374	ug/l	97
31) Cyclohexane	5.57	56	695346	145.874	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	741269	149.041	ug/l	98
36) 1,1-Dichloropropene	5.80	75	607325	142.082	ug/l	99
37) Ethyl Acetate	4.87	43	674533	144.002	ug/l	96
38) Carbon Tetrachloride	5.78	117	637085	146.208	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	705176	145.734	ug/l	95
40) Benzene	6.15	78	1868375	139.560	ug/l	99
41) Methacrylonitrile	5.07	41	389767	145.249	ug/l	92
42) 1,2-Dichloroethane	6.20	62	643073	137.513	ug/l	97
43) Isopropyl Acetate	6.47	43	1093641	148.990	ug/l	95
44) Trichloroethene	7.21	130	529003	139.448	ug/l	97
45) 1,2-Dichloropropane	7.52	63	511893	144.141	ug/l	100
46) Dibromomethane	7.67	93	325710	142.648	ug/l	99
47) Bromodichloromethane	7.90	83	653228	151.738	ug/l	98
48) Methyl methacrylate	7.78	41	566464	151.196	ug/l	88
49) 1,4-Dioxane	7.76	88	225546	2758.715	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	3591798	748.554	ug/l	92
52) Toluene	8.79	92	1223700	144.245	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	796542	157.527	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	761029	164.758	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	519487	146.708	ug/l	99
56) Ethyl methacrylate	9.19	69	821123	162.347	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	833852	145.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1943239	790.643	ug/l	98
59) 2-Hexanone	9.51	43	2688996	759.788	ug/l	90
60) Dibromochloromethane	9.59	129	559590	162.802	ug/l	100
61) 1,2-Dibromoethane	9.68	107	529348	148.257	ug/l	100
64) Tetrachloroethene	9.34	164	566397	133.618	ug/l	100
65) Chlorobenzene	10.14	112	1417231	141.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	534688	150.449	ug/l	99
67) Ethyl Benzene	10.26	91	2399242	146.685	ug/l	99
68) m/p-Xylenes	10.37	106	1904286	302.223	ug/l	96
69) o-Xylene	10.70	106	941366	152.964	ug/l	96
70) Styrene	10.71	104	1611591	155.825	ug/l	98
71) Bromoform	10.86	173	469670	172.623	ug/l	99
73) Isopropylbenzene	11.02	105	2475964	145.943	ug/l	100
74) N-amyl acetate	6.47	43	1093641	139.069	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	783215	141.413	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	924335	190.690	ug/l	80
77) Bromobenzene	11.26	156	676331	141.085	ug/l	100
78) n-propylbenzene	11.37	91	2812852	146.684	ug/l	98
79) 2-Chlorotoluene	11.43	91	1678895	141.742	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2109765	150.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	244905	168.448	ug/l	88
82) 4-Chlorotoluene	11.51	91	2006090	145.374	ug/l	99
83) tert-Butylbenzene	11.77	119	2081966	149.567	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2138036	149.907	ug/l	97
85) sec-Butylbenzene	11.95	105	2480688	149.105	ug/l	100
86) p-Isopropyltoluene	12.07	119	2236595	150.265	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1246034	139.219	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1256776	138.298	ug/l	99
89) n-Butylbenzene	12.39	91	1980721	155.515	ug/l	99
90) Hexachloroethane	12.60	117	377147	169.039	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1267729	141.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	172376	156.957	ug/l	93

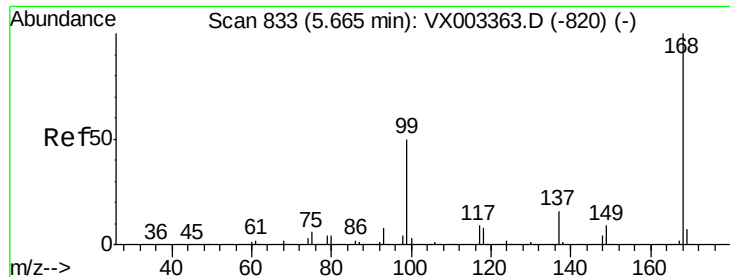
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	941870	153.709	ug/l	100
94) Hexachlorobutadiene	13.79	225	427788	147.953	ug/l	99
95) Naphthalene	13.84	128	2693345	156.822	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	948694	153.404	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

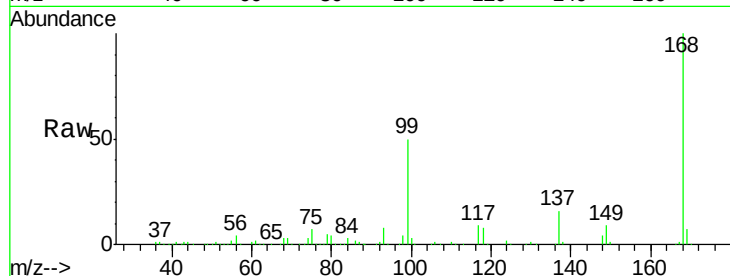
VSTDIC150

Tgt Ion: 168 Resp: 277144

Ion Ratio Lower Upper

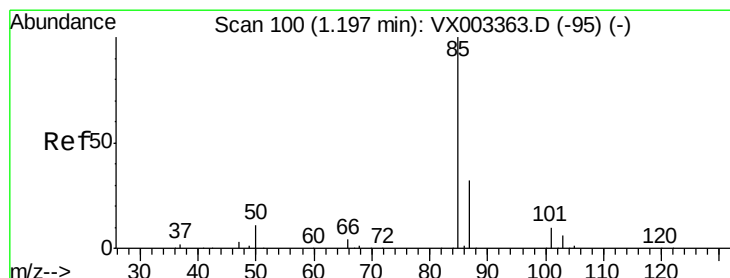
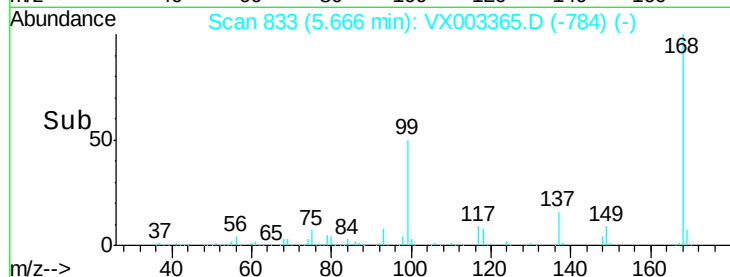
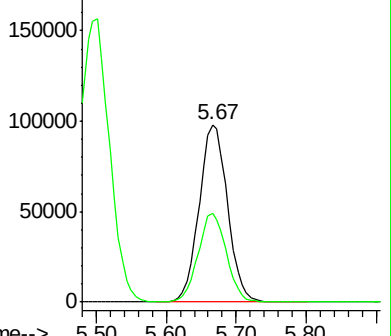
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 153.229 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003365.D

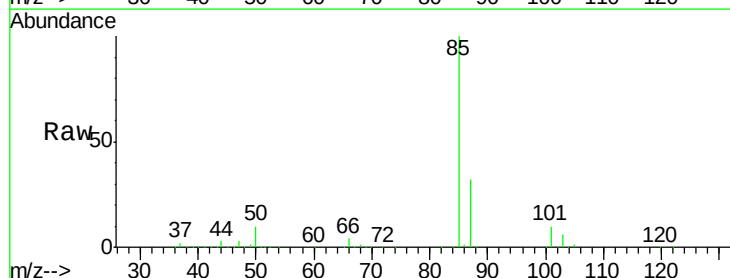
Acq: 13 Jul 2018 13:45

Tgt Ion: 85 Resp: 331086

Ion Ratio Lower Upper

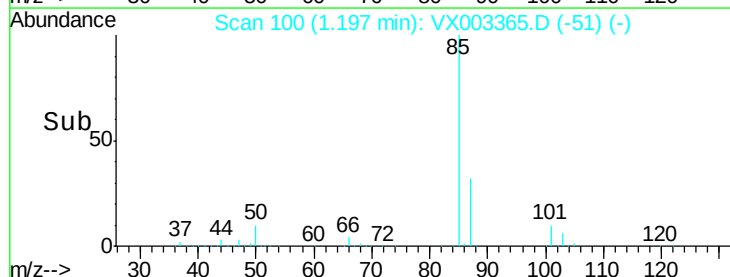
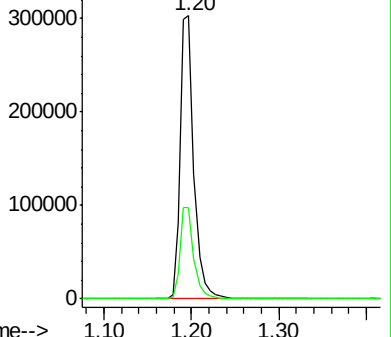
85 100

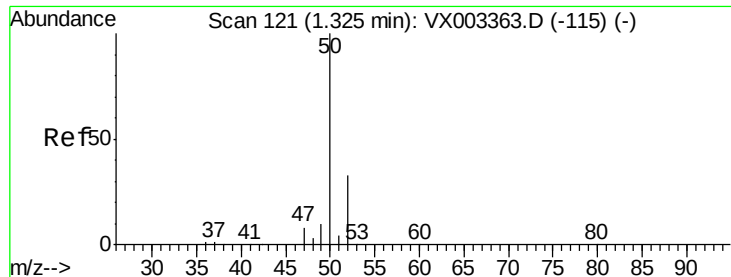
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 151.245 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

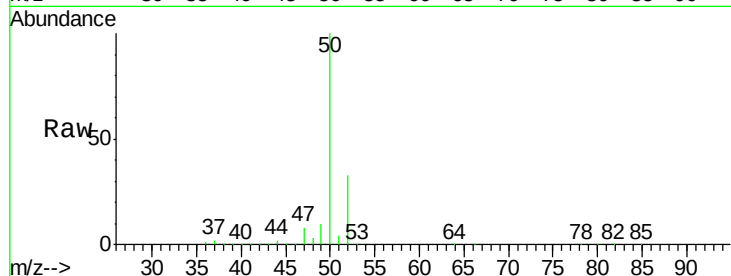
VSTDIC150

Tgt Ion: 50 Resp: 393218

Ion Ratio Lower Upper

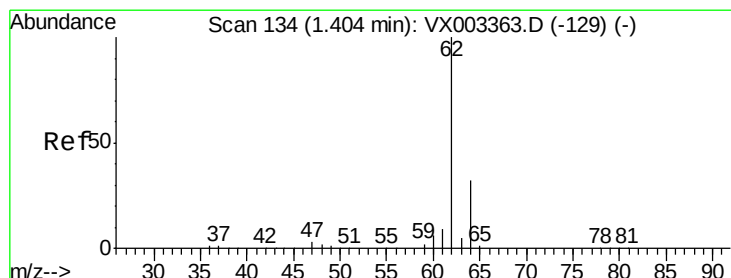
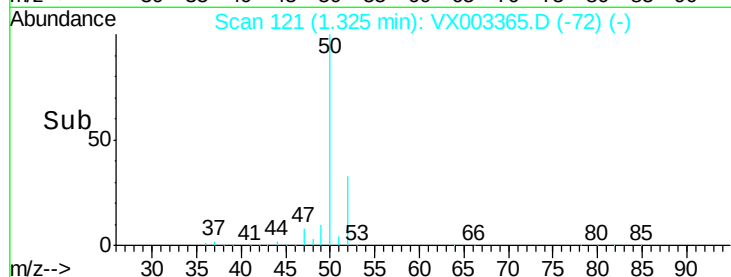
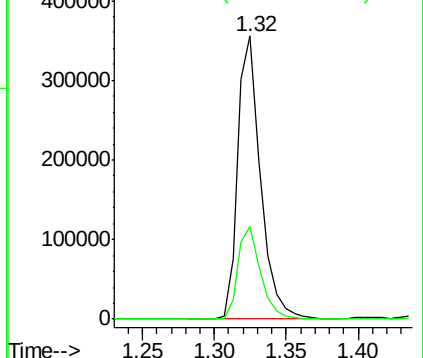
50 100

52 33.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 136.994 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003365.D

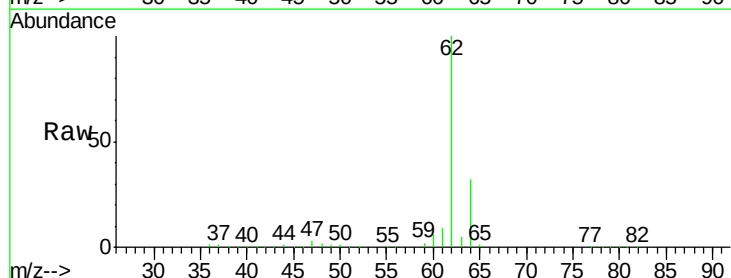
Acq: 13 Jul 2018 13:45

Tgt Ion: 62 Resp: 490215

Ion Ratio Lower Upper

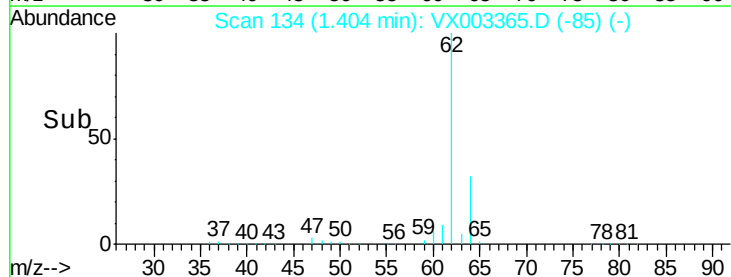
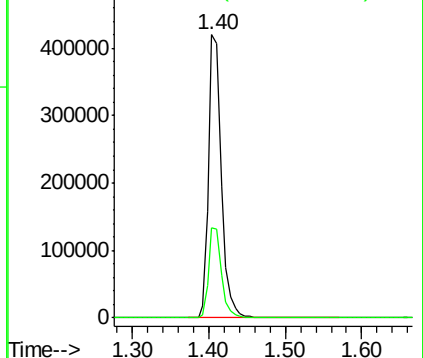
62 100

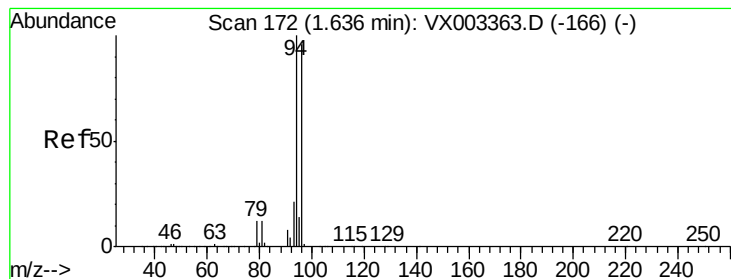
64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 103.326 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

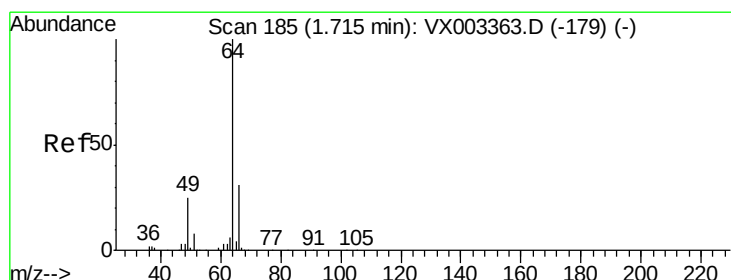
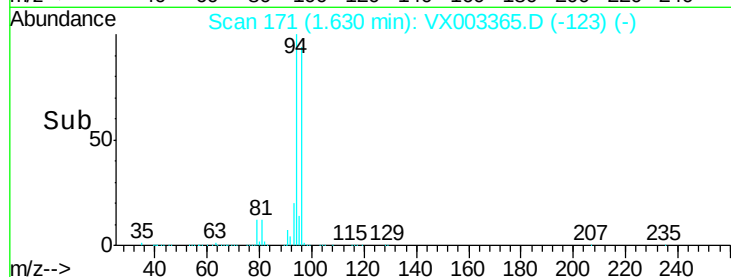
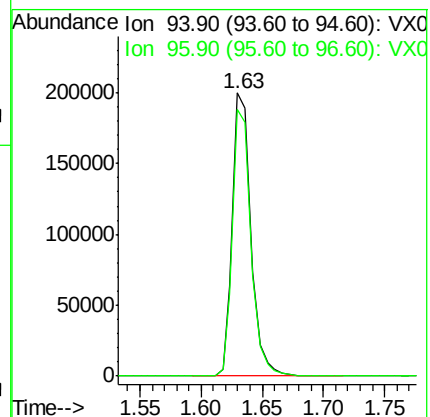
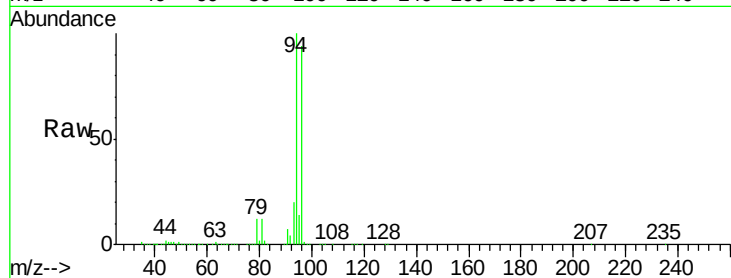
VSTDIC150

Tgt Ion: 94 Resp: 209178

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



#6

Chloroethane

Concen: 147.014 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003365.D

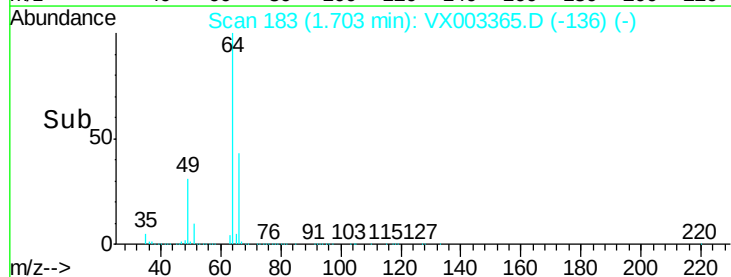
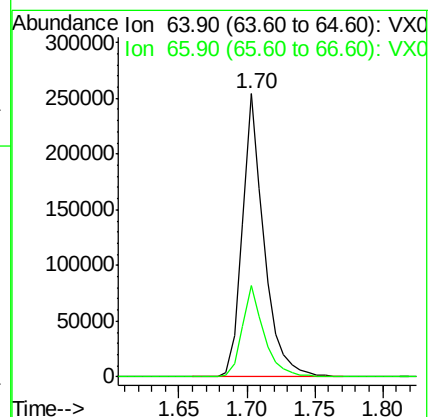
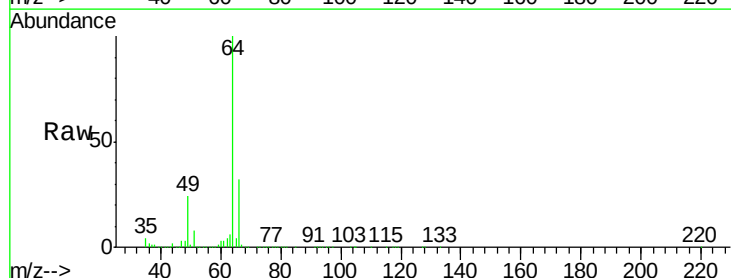
Acq: 13 Jul 2018 13:45

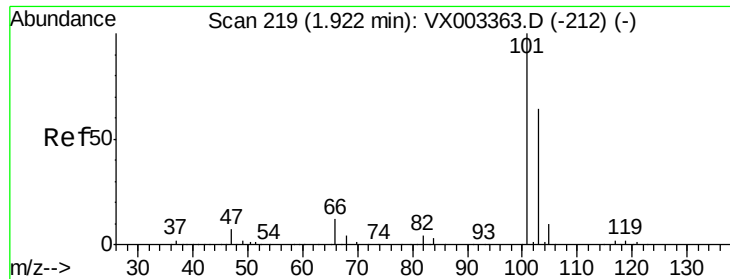
Tgt Ion: 64 Resp: 281081

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



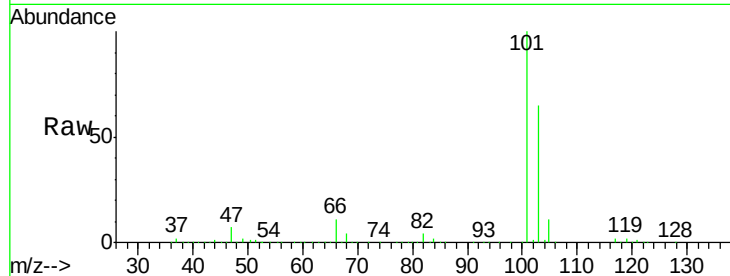


#7

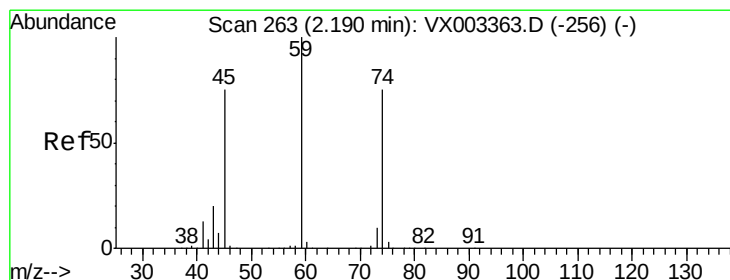
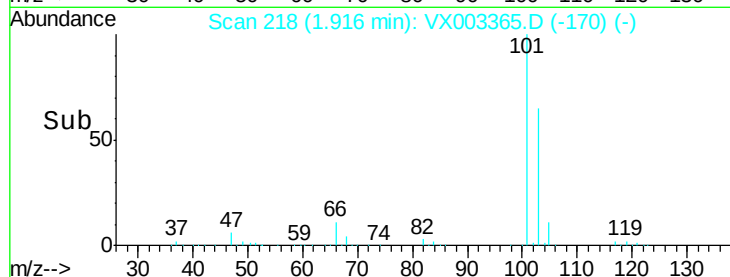
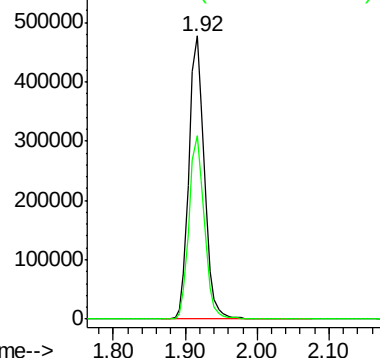
Trichlorofluoromethane
 Concen: 136.609 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 704288
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2



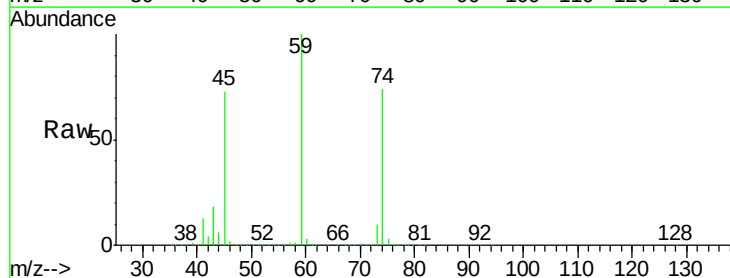
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



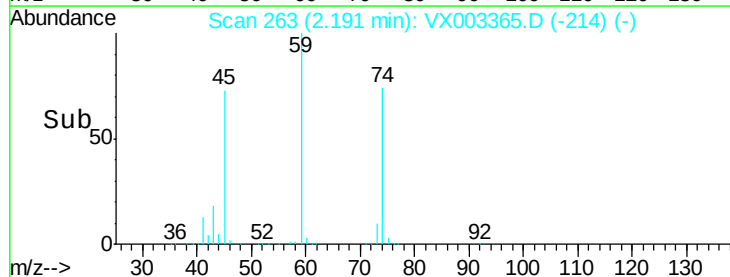
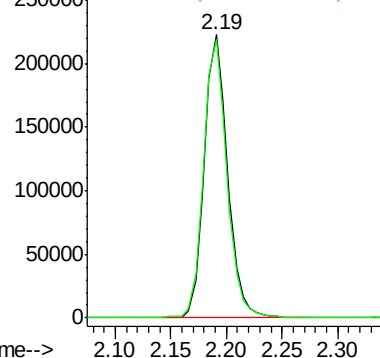
#8

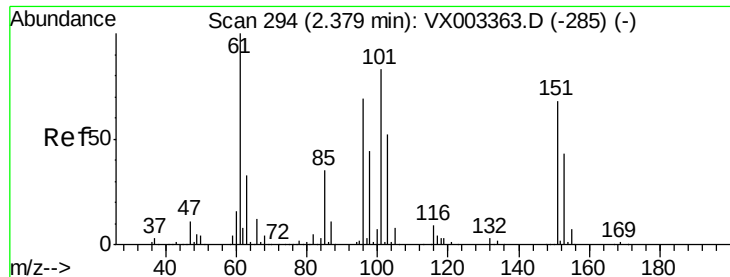
Diethyl Ether
 Concen: 141.395 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 74 Resp: 322811
 Ion Ratio Lower Upper
 74 100
 45 98.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.956 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

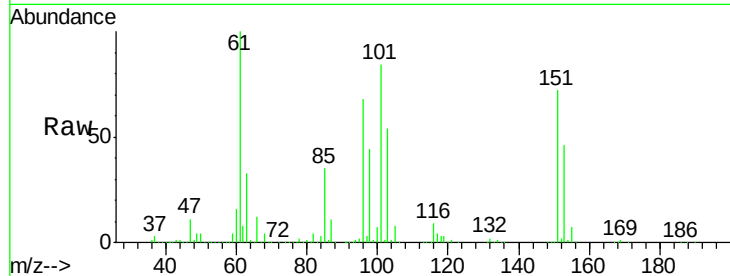
Tgt Ion:101 Resp: 457120

Ion Ratio Lower Upper

101 100

85 42.0 36.0 54.0

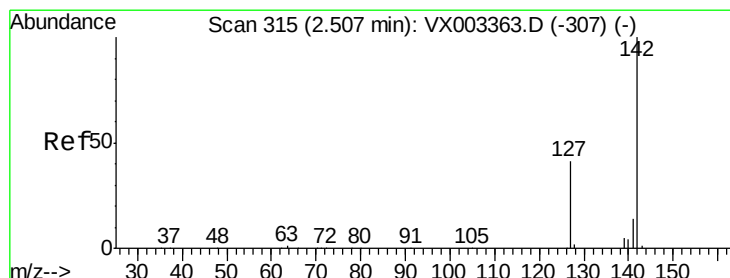
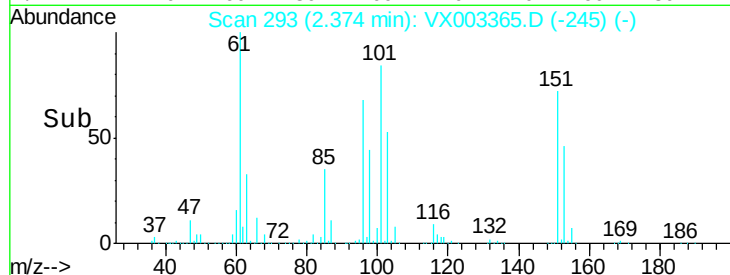
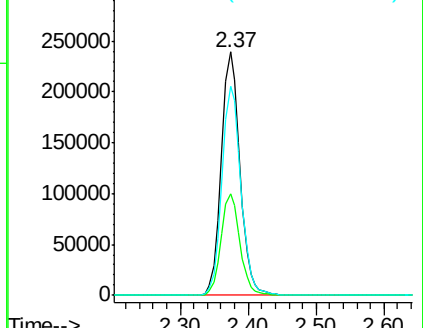
151 87.3 70.9 106.3



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: 169.646 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

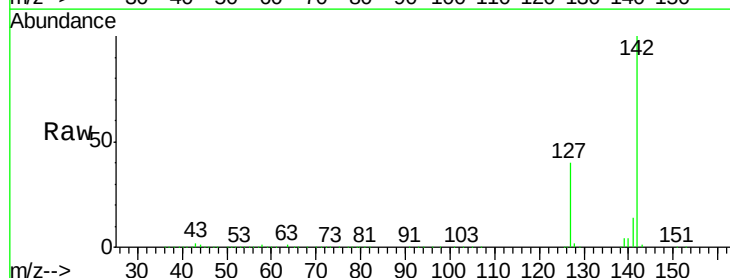
Tgt Ion:142 Resp: 570899

Ion Ratio Lower Upper

142 100

127 40.1 36.6 55.0

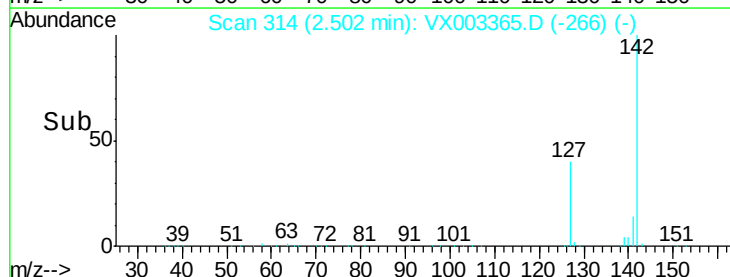
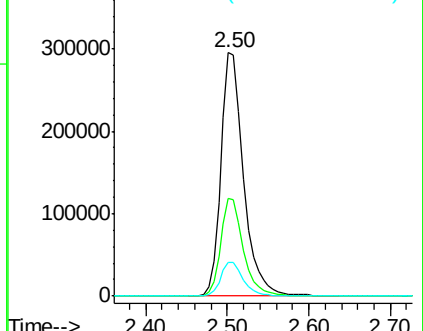
141 14.1 11.3 16.9

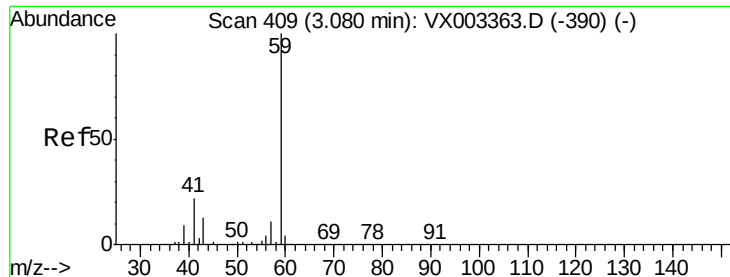


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



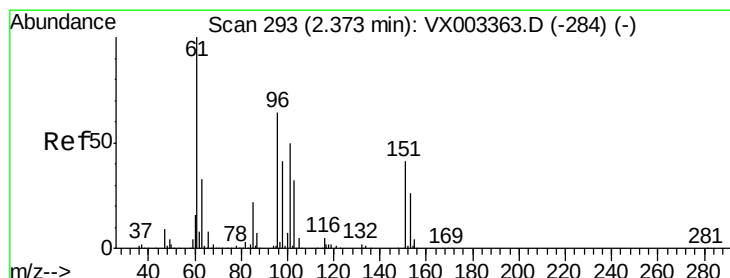
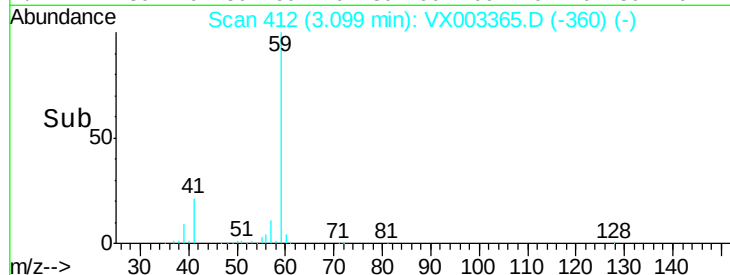
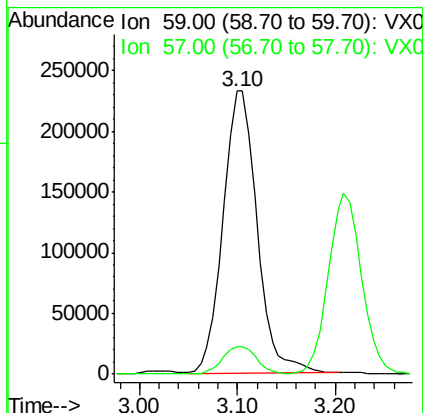
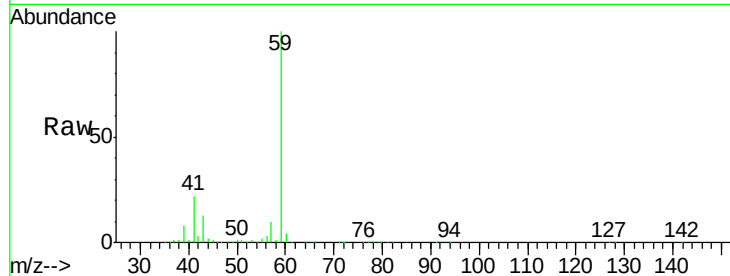


#11

Tert butyl alcohol
Concen: 700.680 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

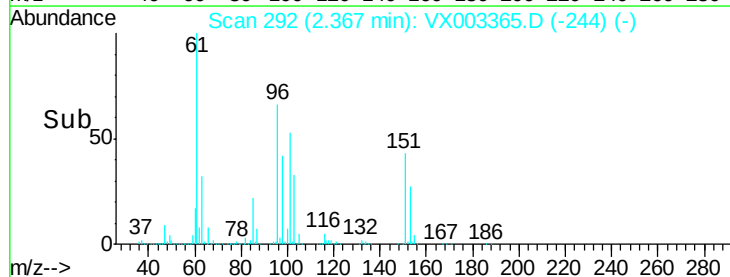
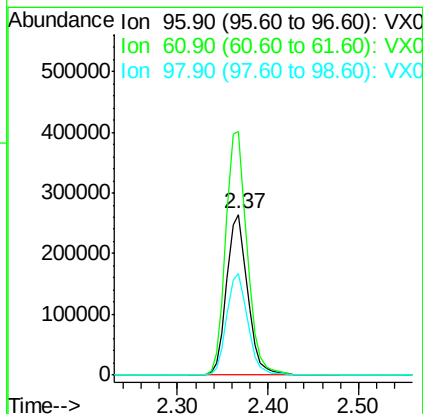
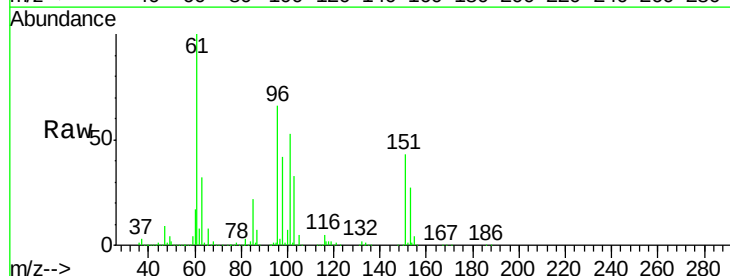
Tgt Ion: 59 Resp: 563102
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

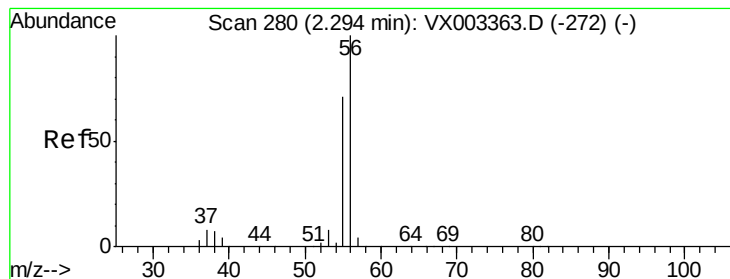


#12

1,1-Dichloroethene
Concen: 138.579 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 96 Resp: 426393
Ion Ratio Lower Upper
96 100
61 151.8 137.9 206.9
98 63.6 51.6 77.4





#13

Acrolein

Concen: 770.337 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

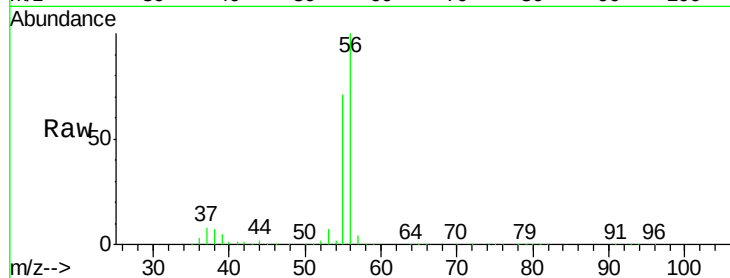
VSTDIC150

Tgt Ion: 56 Resp: 198003

Ion Ratio Lower Upper

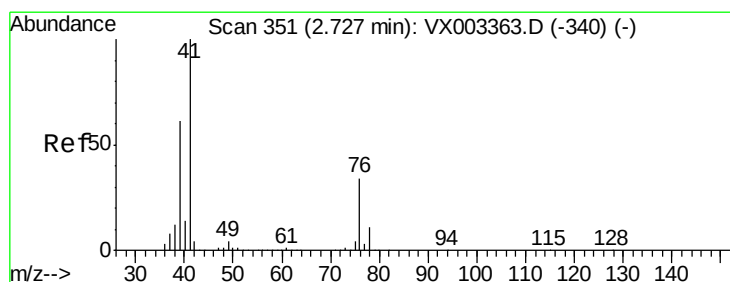
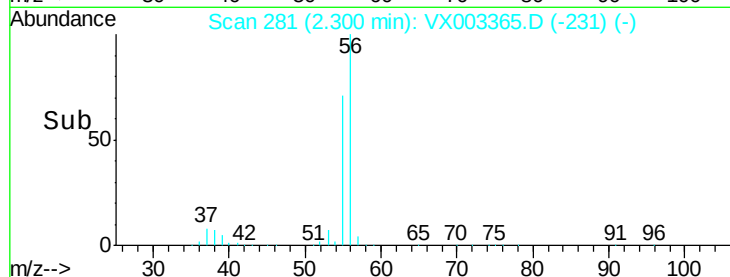
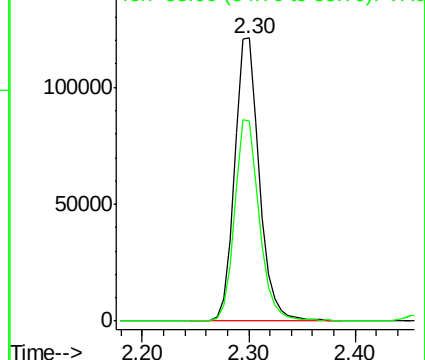
56 100

55 70.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 139.560 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

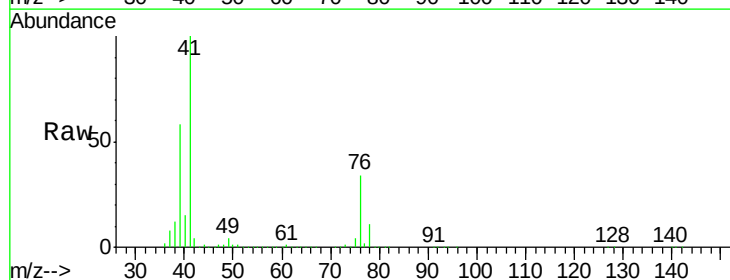
Tgt Ion: 41 Resp: 823633

Ion Ratio Lower Upper

41 100

39 57.3 56.8 85.2

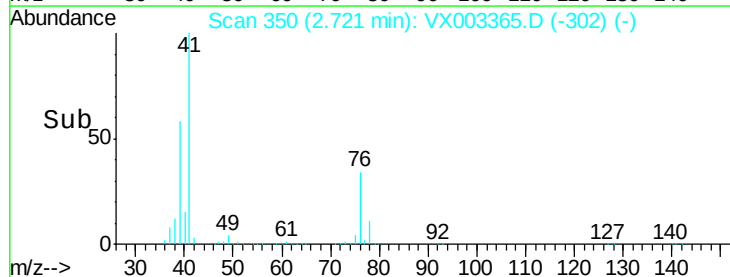
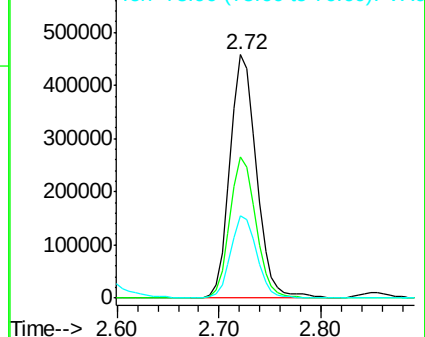
76 33.3 23.8 35.8

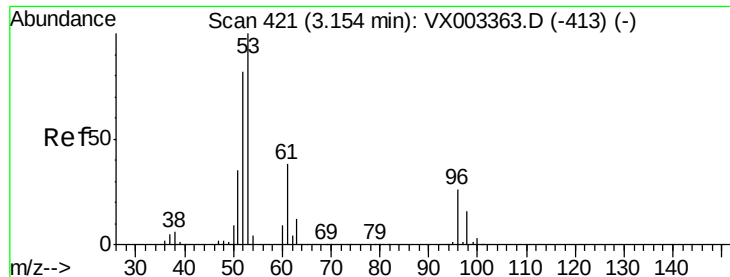


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 698.269 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

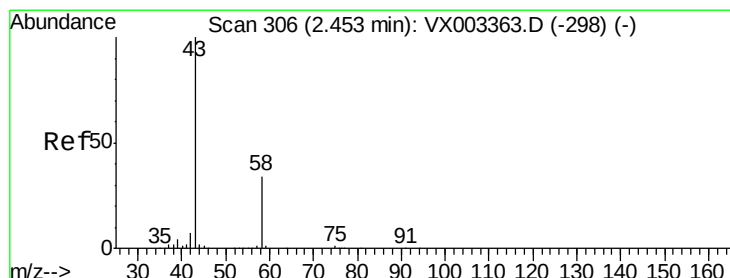
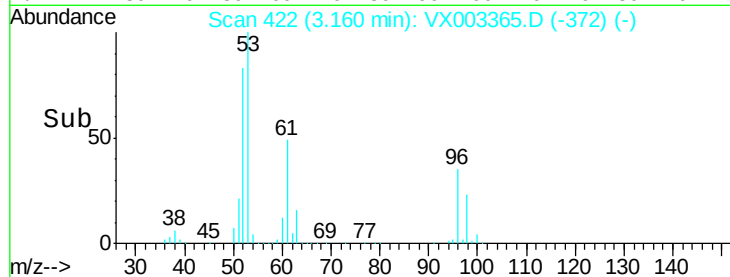
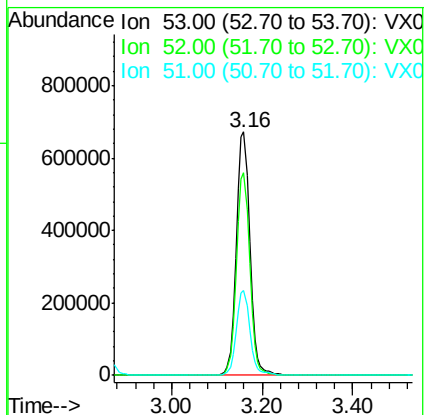
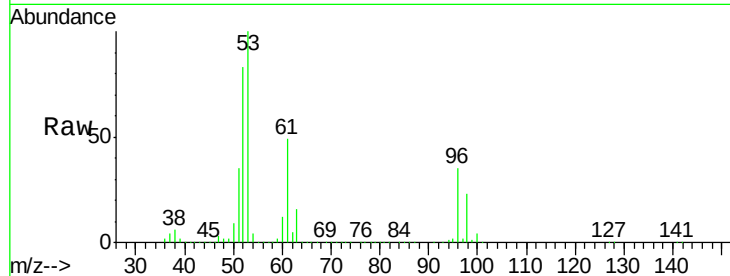
Tgt Ion: 53 Resp: 1401036

Ion Ratio Lower Upper

53 100

52 81.8 66.7 100.1

51 35.1 29.9 44.9



#16

Acetone

Concen: 682.484 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003365.D

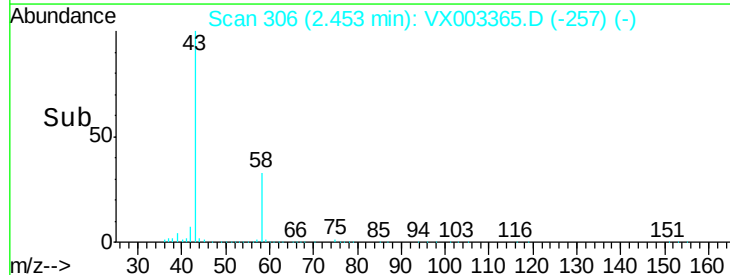
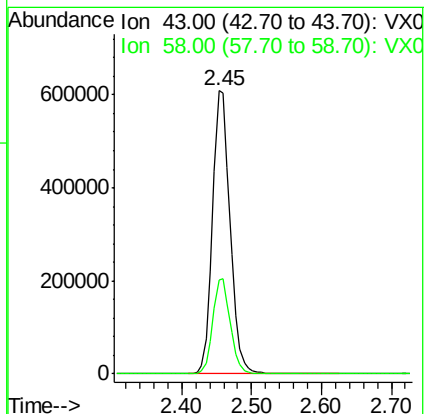
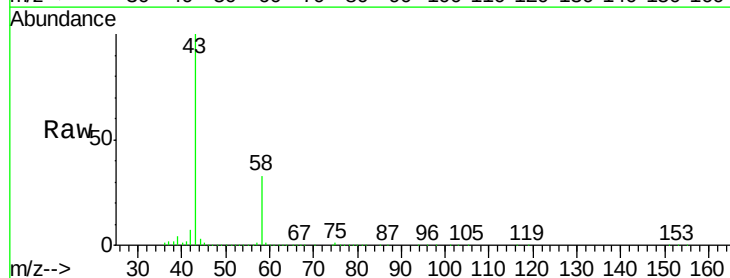
Acq: 13 Jul 2018 13:45

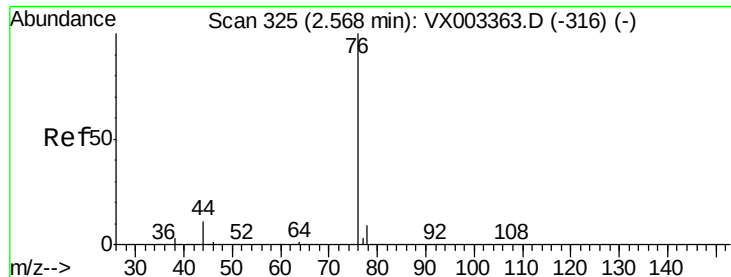
Tgt Ion: 43 Resp: 1061762

Ion Ratio Lower Upper

43 100

58 33.0 22.1 33.1





#17

Carbon Disulfide

Concen: 139.662 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

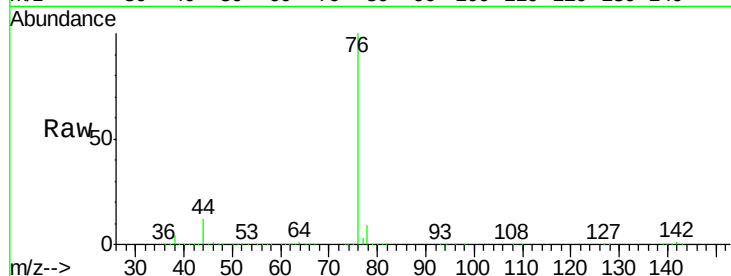
VSTDIC150

Tgt Ion: 76 Resp: 1055148

Ion Ratio Lower Upper

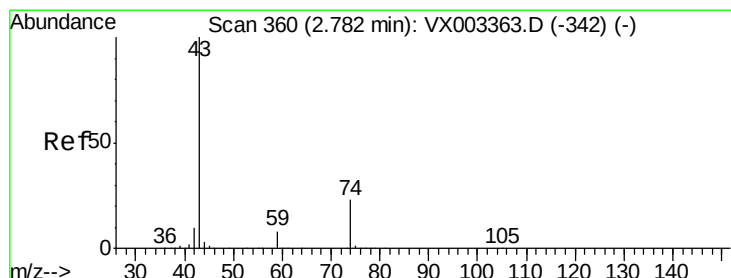
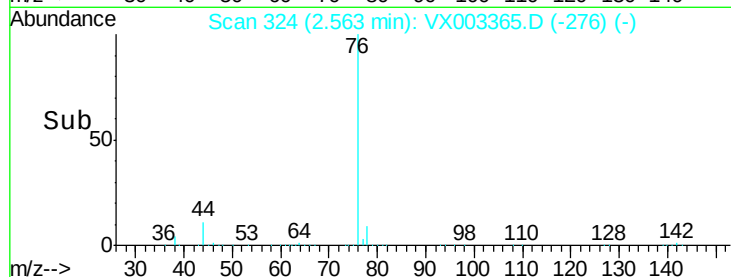
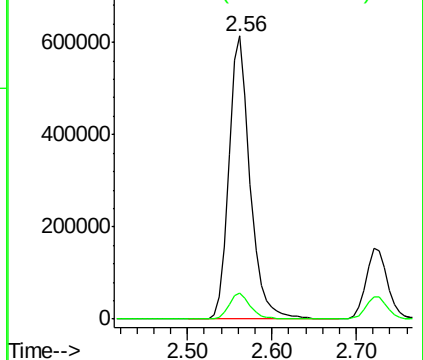
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 142.322 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003365.D

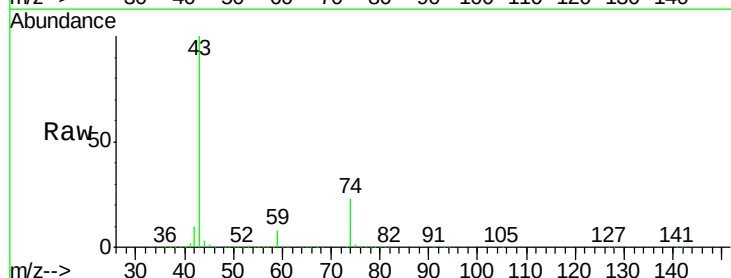
Acq: 13 Jul 2018 13:45

Tgt Ion: 43 Resp: 687496

Ion Ratio Lower Upper

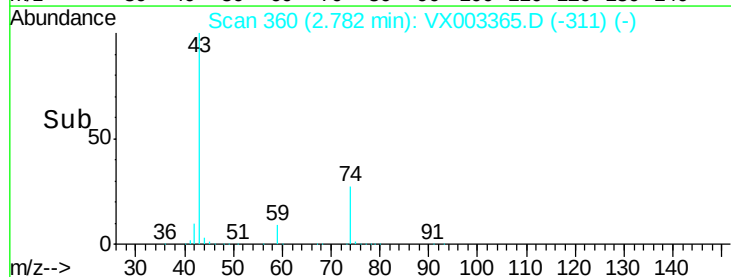
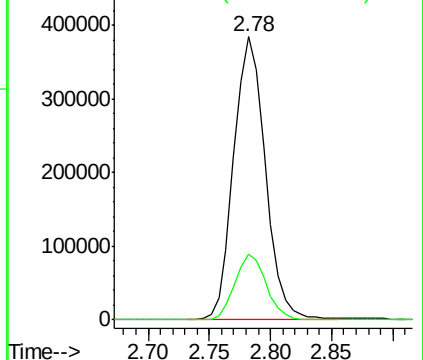
43 100

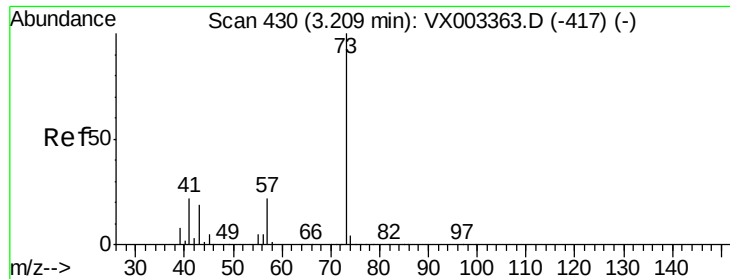
74 23.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

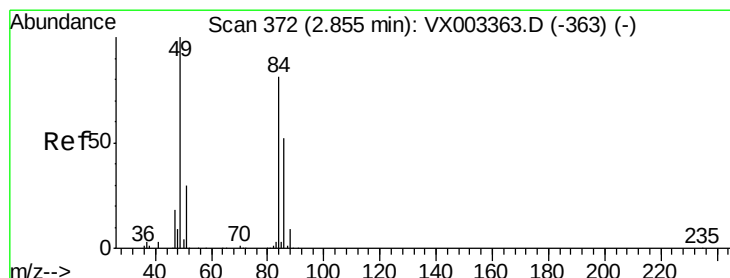
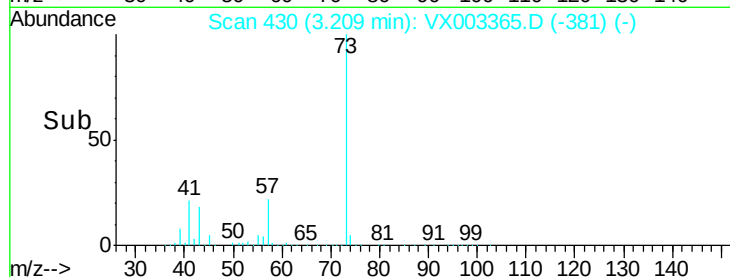
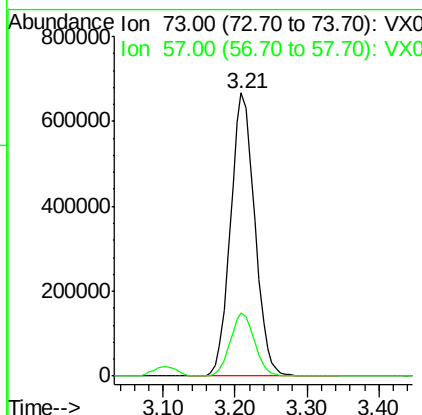
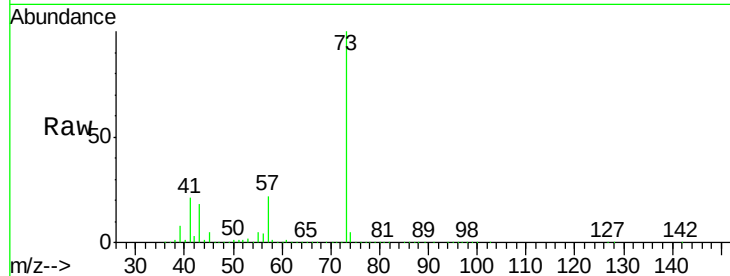




#19
Methyl tert-butyl Ether
Concen: 141.671 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

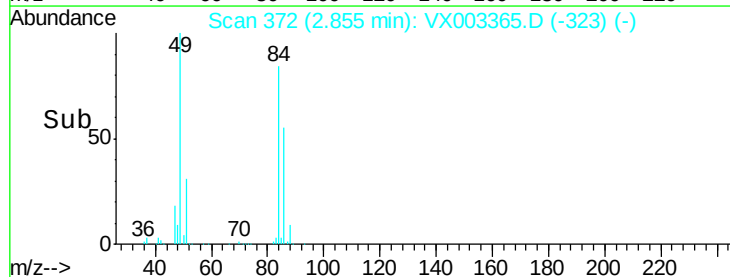
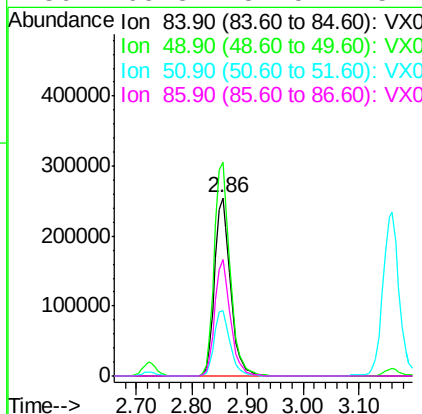
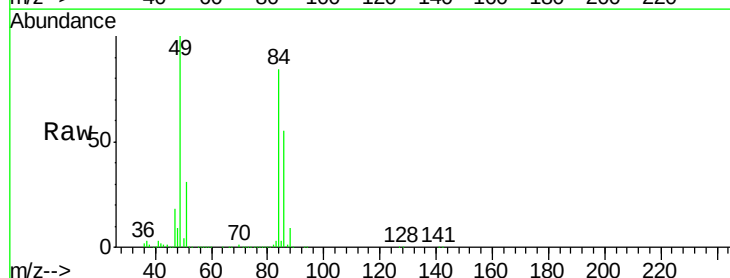
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

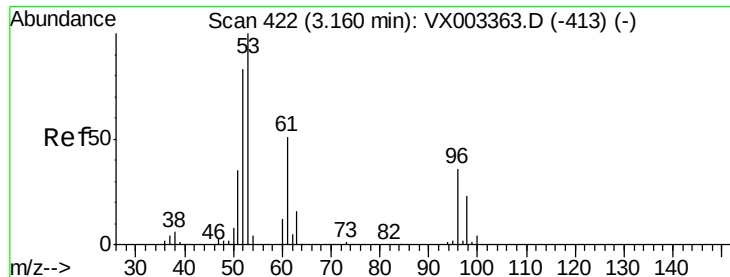
Tgt Ion: 73 Resp: 1558737
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 153.965 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 84 Resp: 500795
Ion Ratio Lower Upper
84 100
49 119.6 107.8 161.6
51 36.9 32.8 49.2
86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 140.004 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

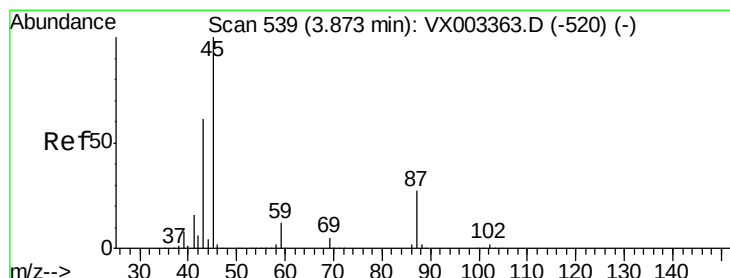
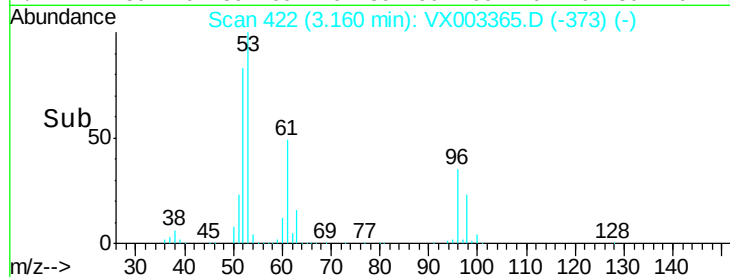
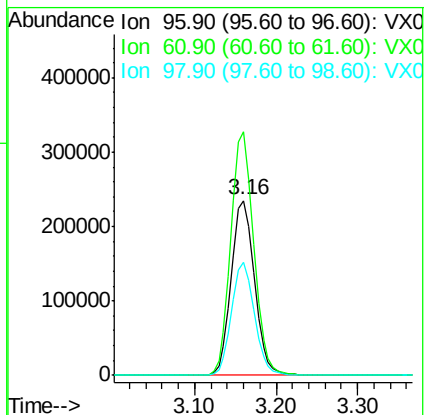
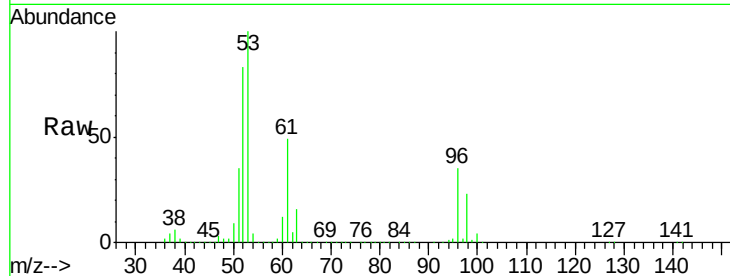
Tgt Ion: 96 Resp: 459683

Ion Ratio Lower Upper

96 100

61 139.4 117.0 175.4

98 64.9 52.4 78.6



#22

Diisopropyl ether

Concen: 142.244 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Tgt Ion: 45 Resp: 1562693

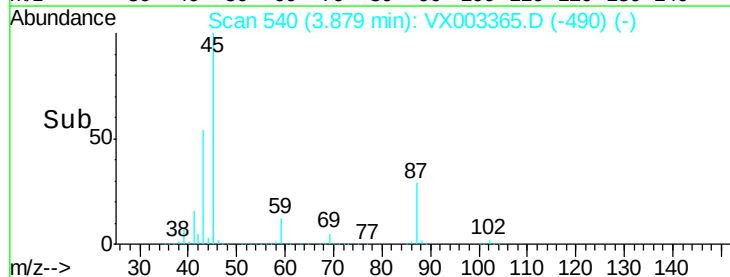
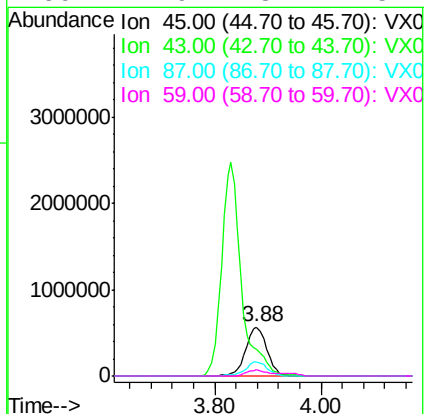
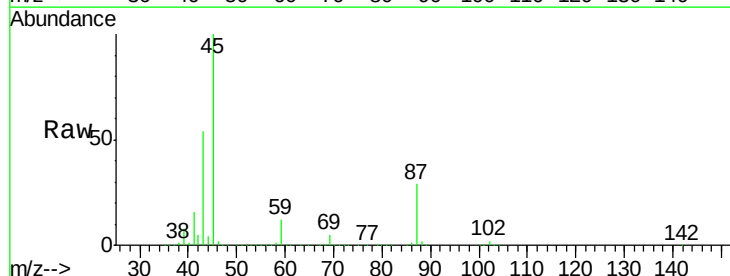
Ion Ratio Lower Upper

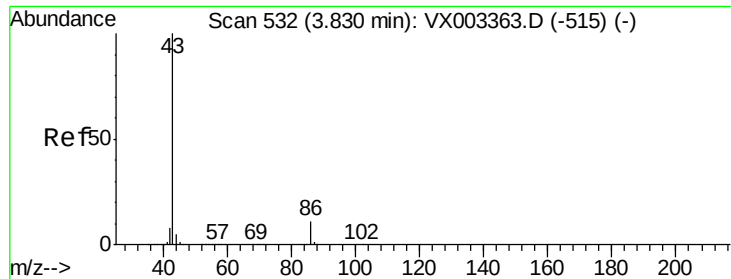
45 100

43 53.5 46.8 70.2

87 28.5 20.2 30.4

59 11.9 8.7 13.1





#23

Vinyl Acetate

Concen: 714.378 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

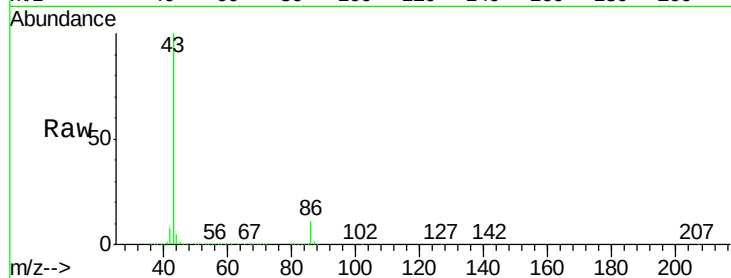
VSTDIC150

Tgt Ion: 43 Resp: 6412944

Ion Ratio Lower Upper

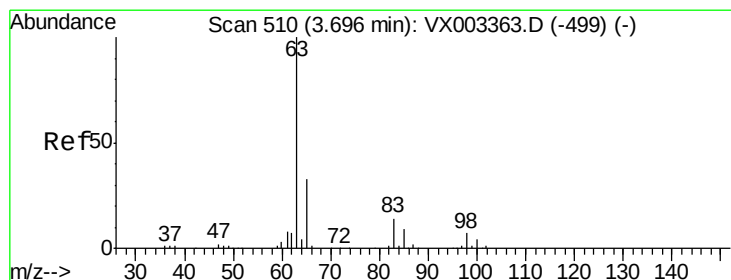
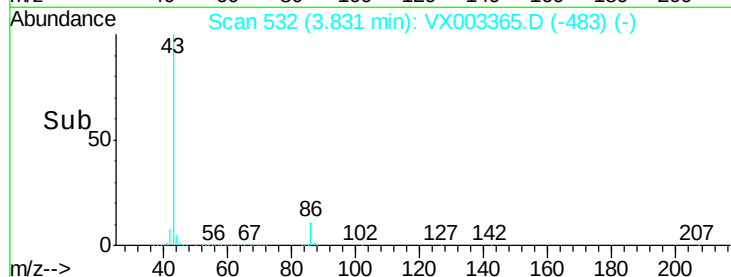
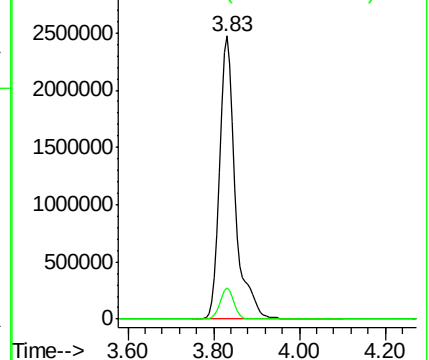
43 100

86 11.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 141.677 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

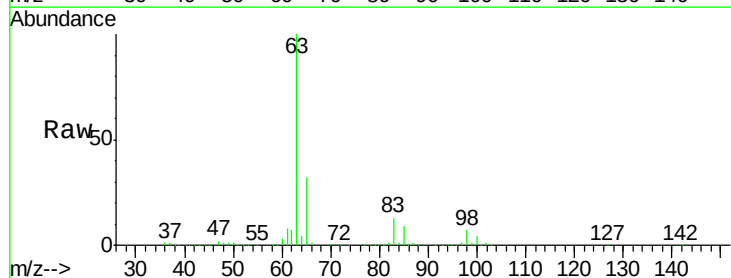
Tgt Ion: 63 Resp: 882452

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

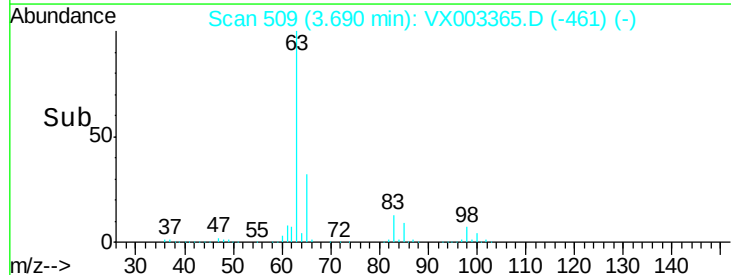
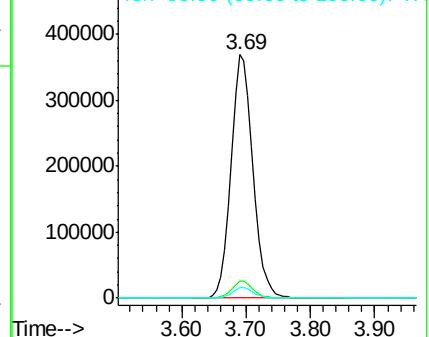
100 4.4 2.0 6.0

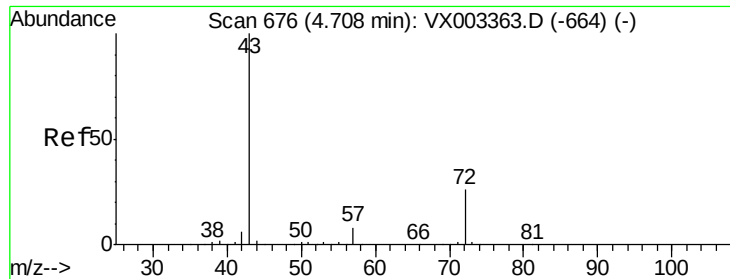


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 720.560 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

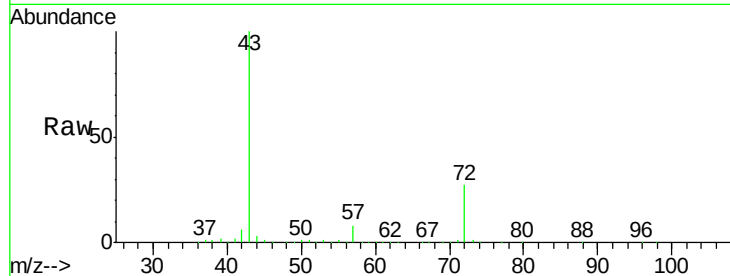
VSTDIC150

Tgt Ion: 43 Resp: 1737515

Ion Ratio Lower Upper

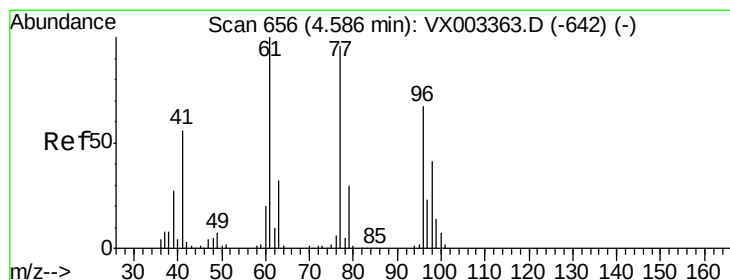
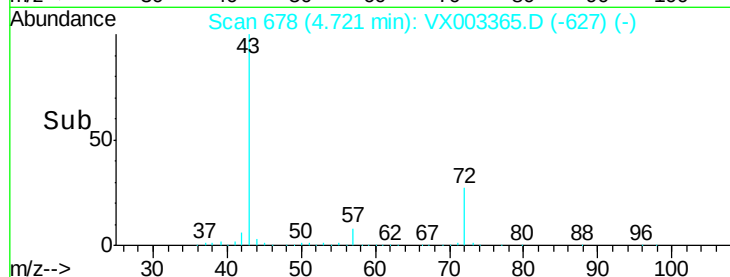
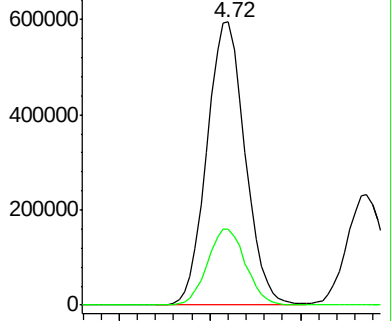
43 100

72 26.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 144.675 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003365.D

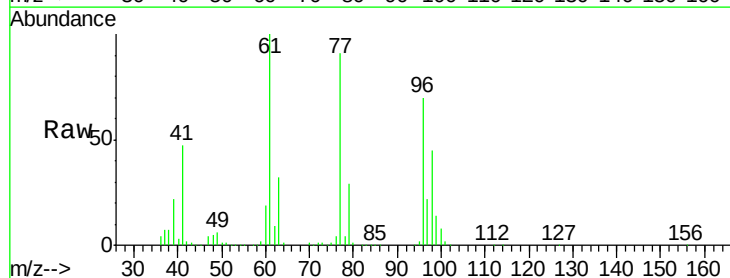
Acq: 13 Jul 2018 13:45

Tgt Ion: 77 Resp: 637806

Ion Ratio Lower Upper

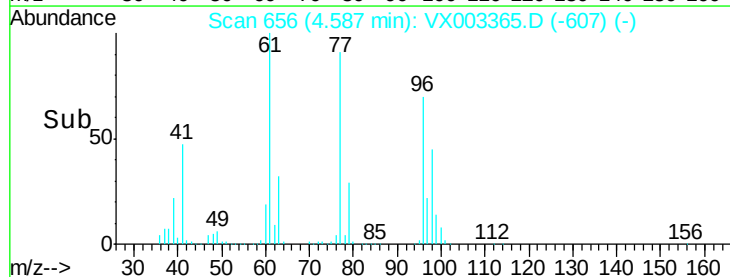
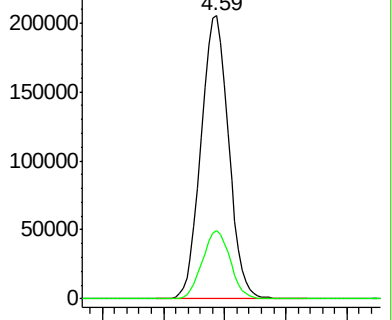
77 100

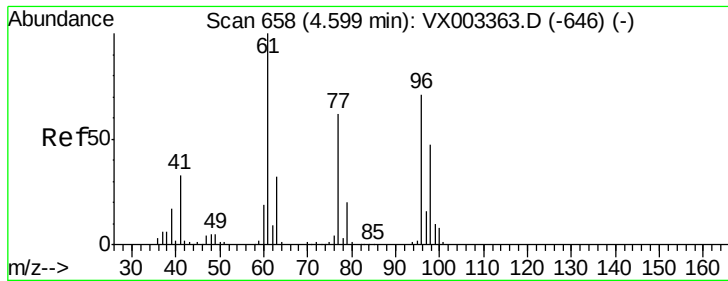
97 24.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



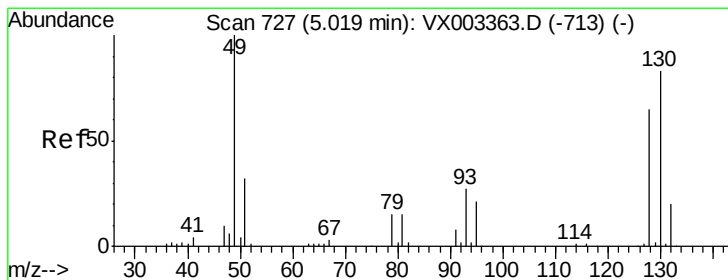
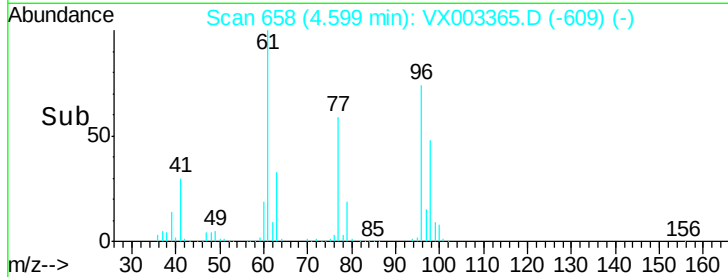
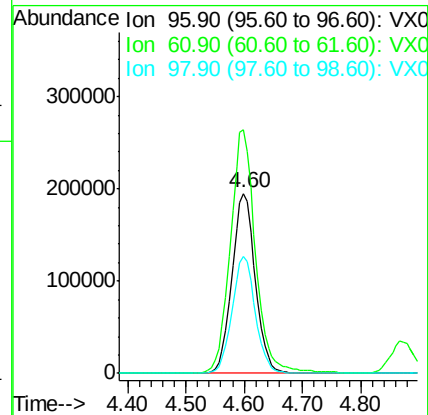
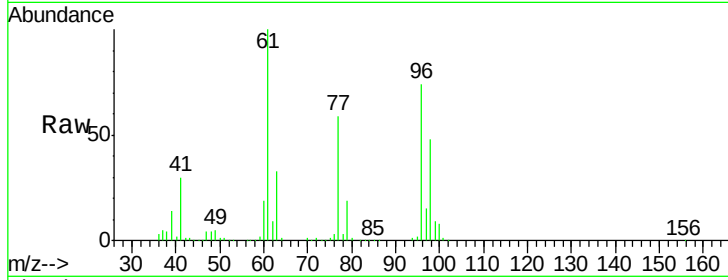


#27

cis-1,2-Dichloroethene
 Concen: 150.098 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

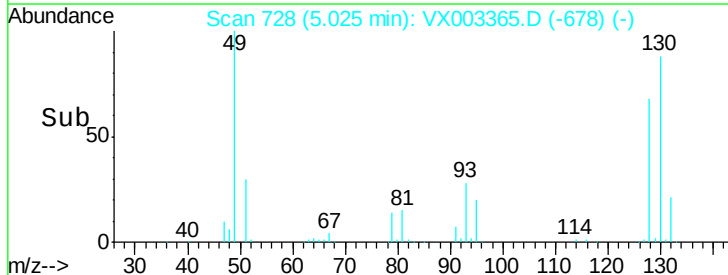
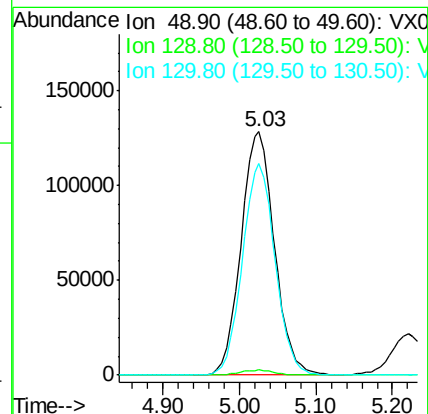
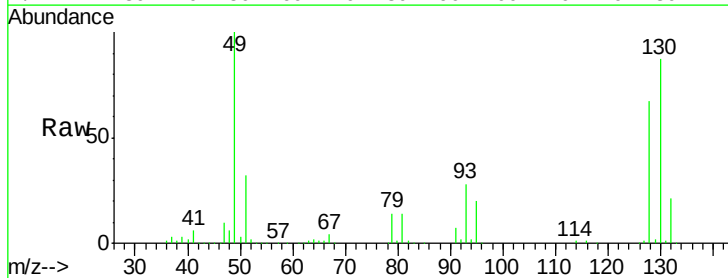
Tgt Ion: 96 Resp: 541734
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 330.2
 98 64.9 0.0 130.2

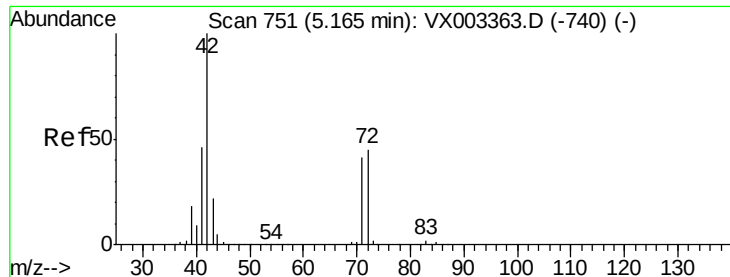


#28

Bromochloromethane
 Concen: 136.700 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 49 Resp: 387921
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 85.4 61.2 91.8

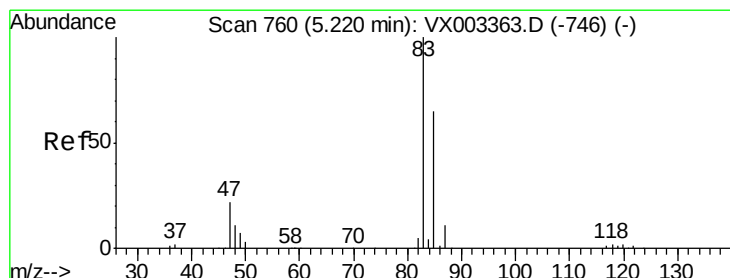
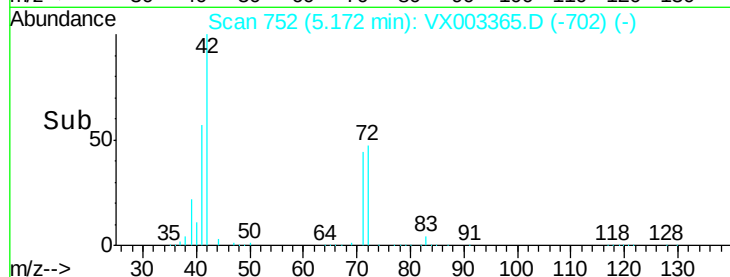
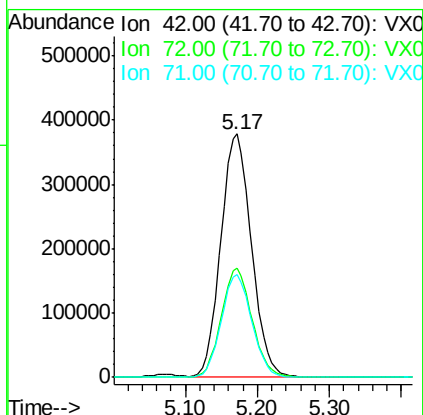
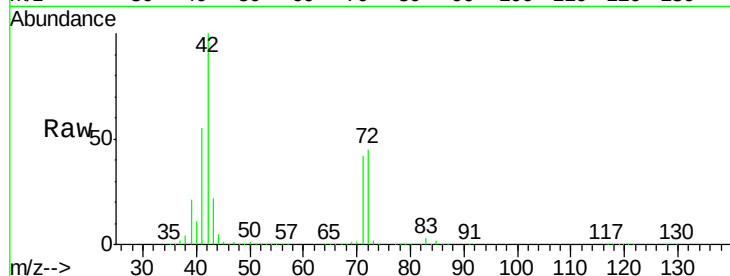




#29
Tetrahydrofuran
Concen: 725.445 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

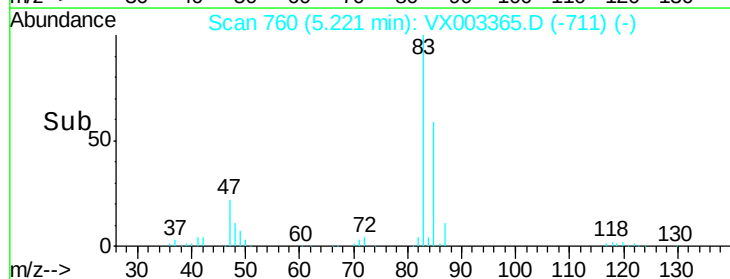
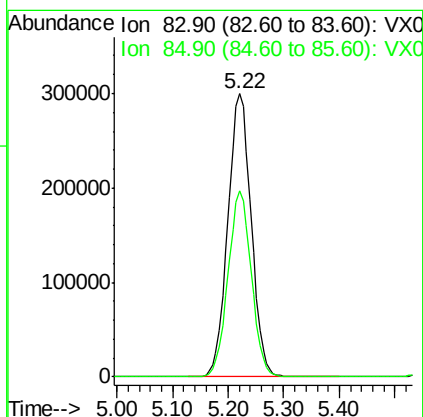
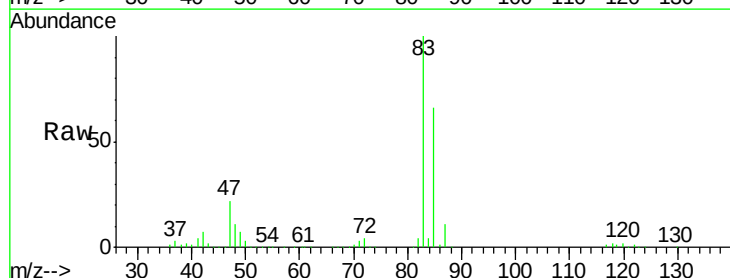
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

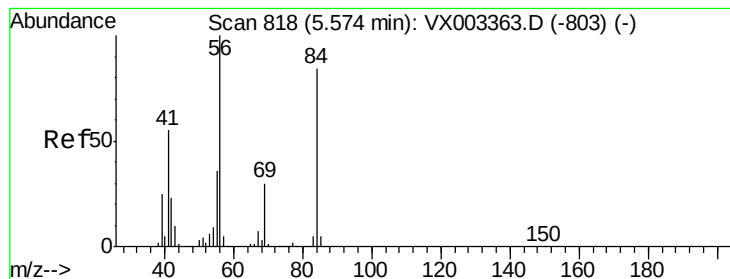
Tgt Ion: 42 Resp: 1117480
Ion Ratio Lower Upper
42 100
72 45.1 32.0 48.0
71 42.2 30.1 45.1



#30
Chloroform
Concen: 145.374 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 83 Resp: 867901
Ion Ratio Lower Upper
83 100
85 65.7 50.4 75.6





#31

Cyclohexane

Concen: 145.874 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

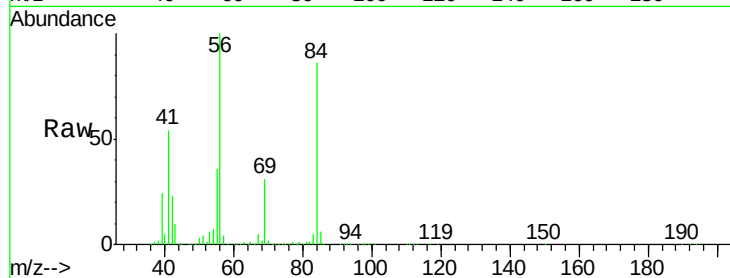
Tgt Ion: 56 Resp: 695346

Ion Ratio Lower Upper

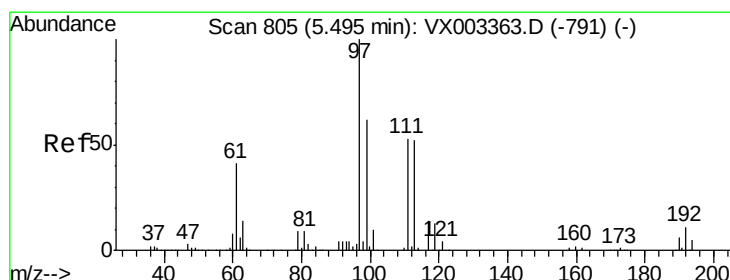
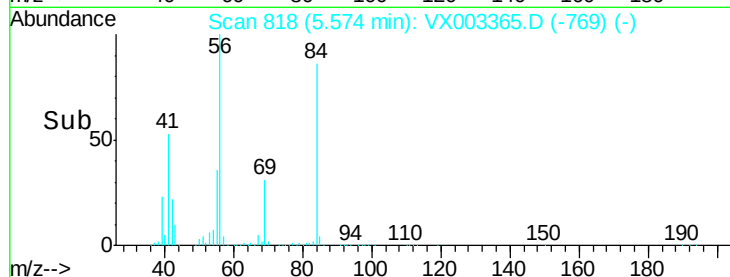
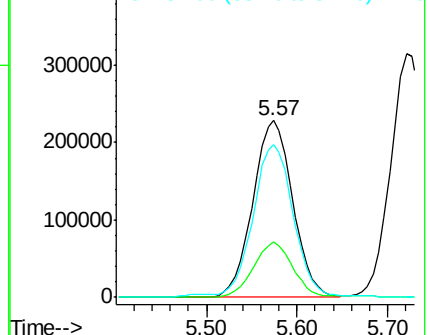
56 100

69 31.2 23.7 35.5

84 85.2 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 149.041 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

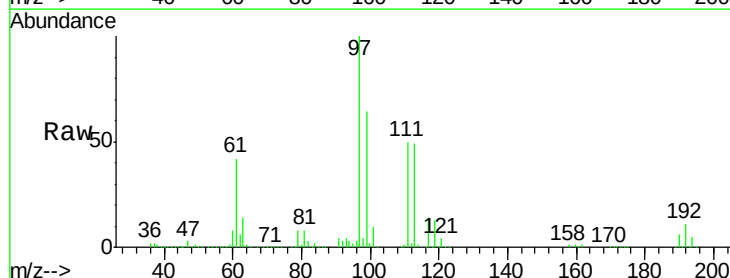
Tgt Ion: 97 Resp: 741269

Ion Ratio Lower Upper

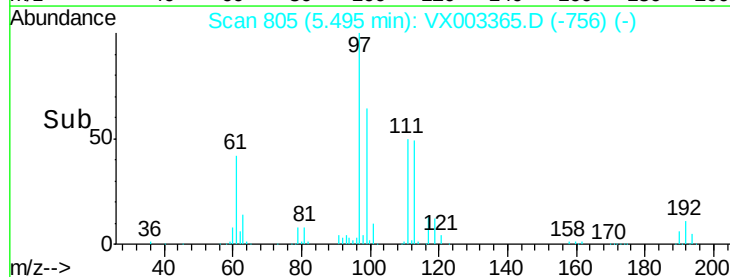
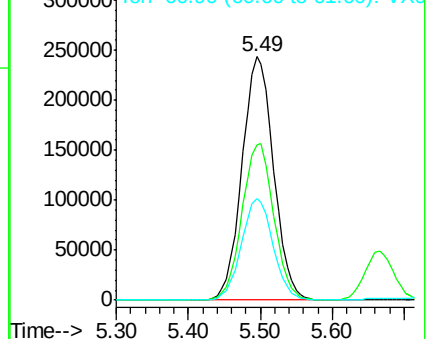
97 100

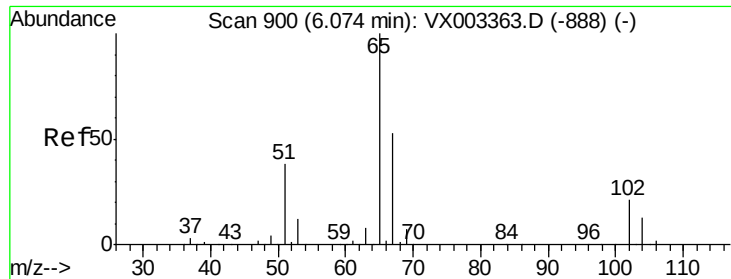
99 64.6 51.6 77.4

61 42.0 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

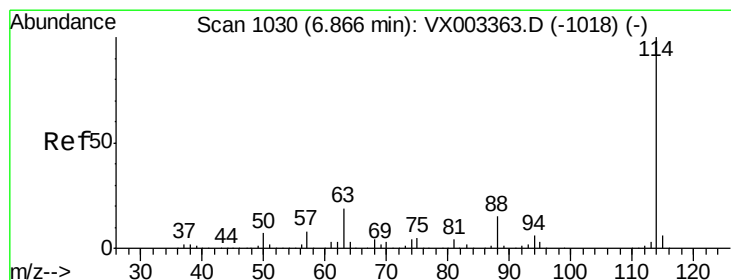
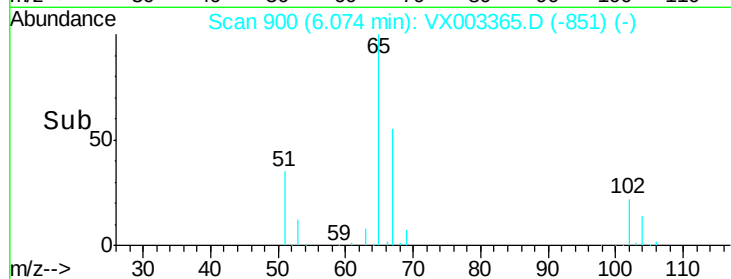
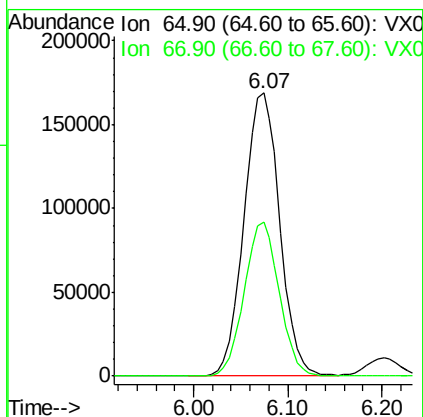
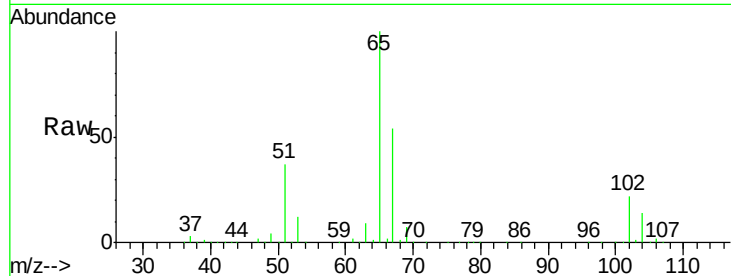




#33
 1,2-Dichloroethane-d4
 Concen: 152.567 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

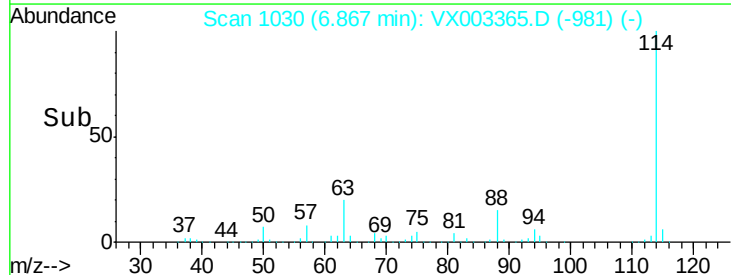
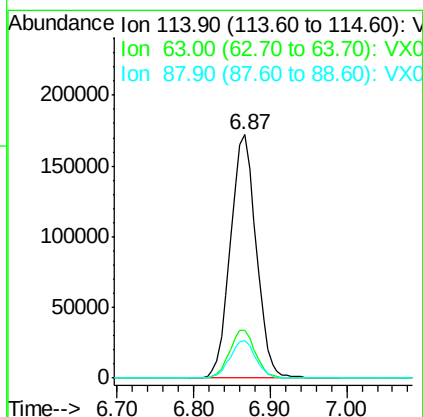
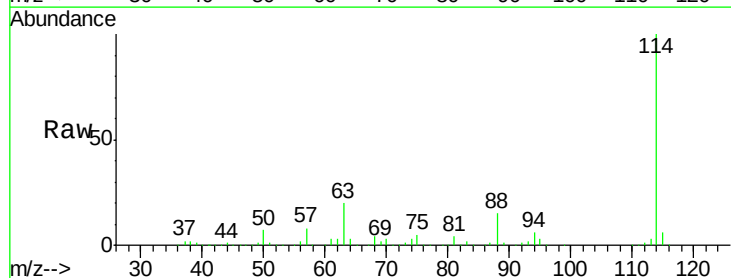
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

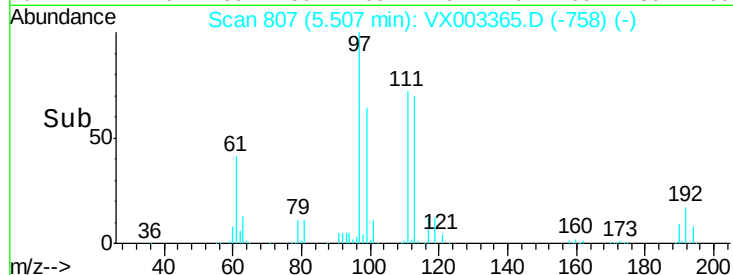
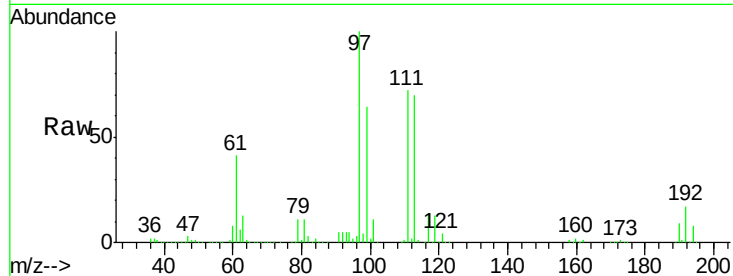
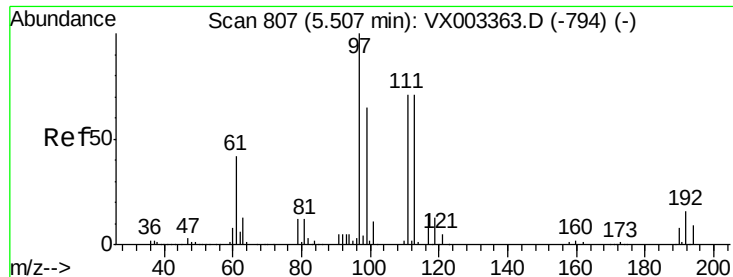
Tgt Ion: 65 Resp: 449912
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 114 Resp: 402356
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.4 0.0 30.0

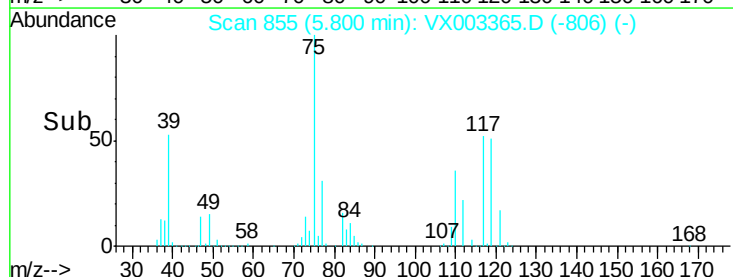
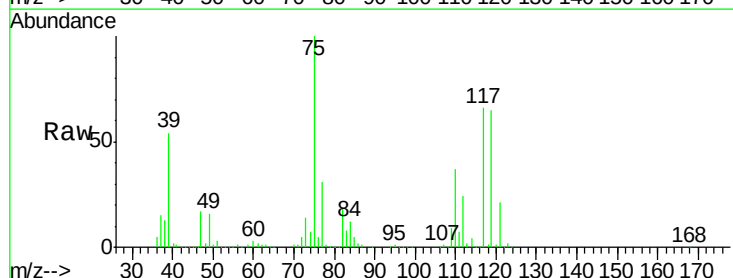
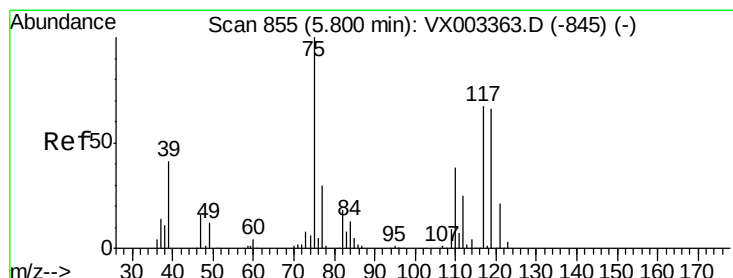
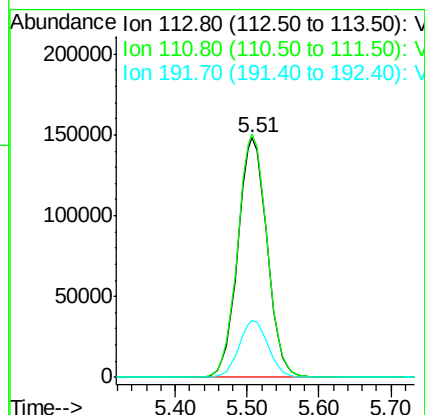




#35
Dibromofluoromethane
Concen: 140.803 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

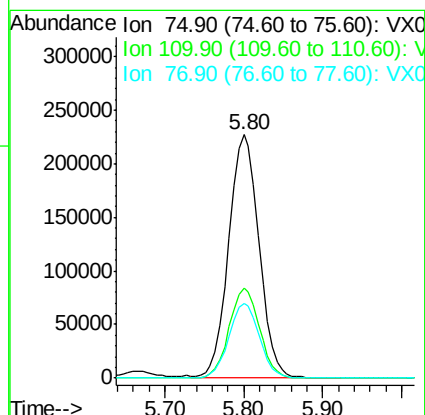
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

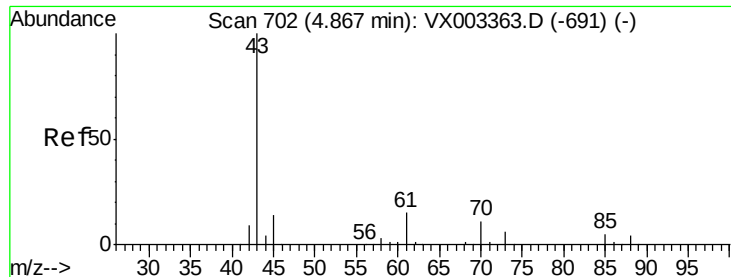
Tgt Ion:113 Resp: 416968
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.7 19.1 28.7



#36
1,1-Dichloropropene
Concen: 142.082 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 75 Resp: 607325
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.4
77 31.1 24.3 36.5

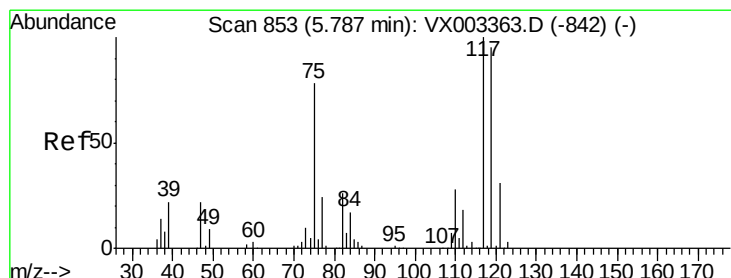
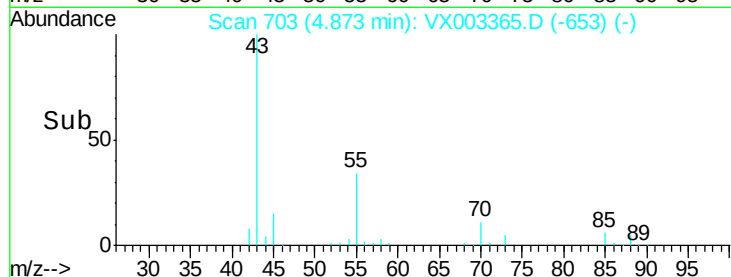
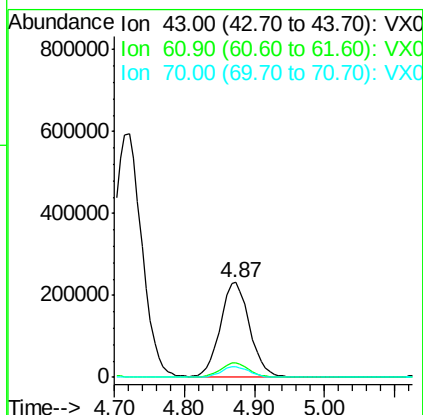
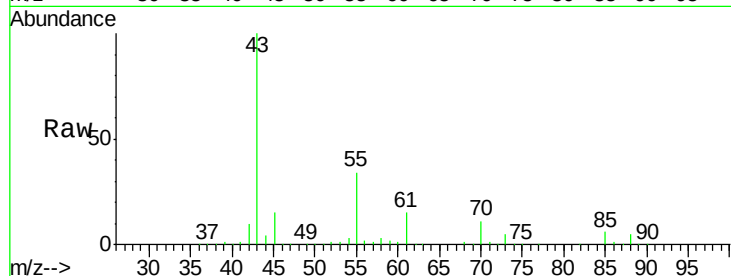




#37
Ethyl Acetate
Concen: 144.002 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

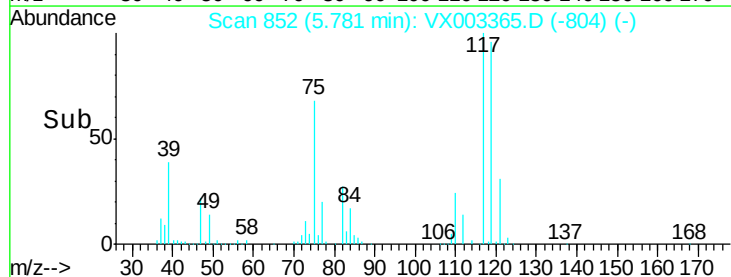
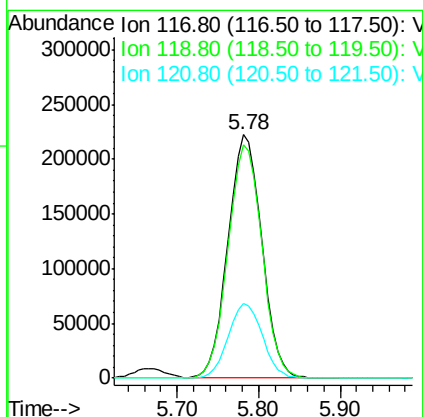
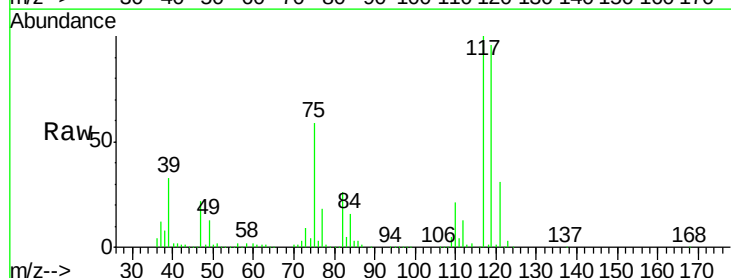
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

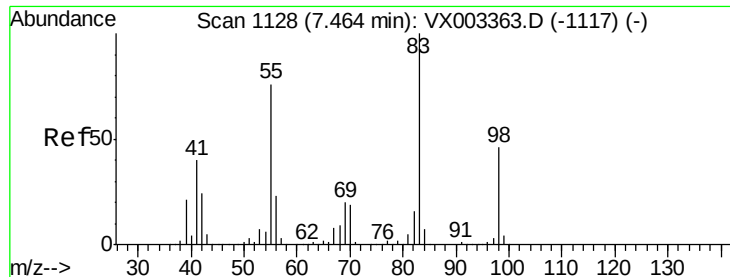
Tgt Ion: 43 Resp: 674533
Ion Ratio Lower Upper
43 100
61 14.9 10.4 15.6
70 11.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 146.208 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 117 Resp: 637085
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
121 30.6 24.4 36.6

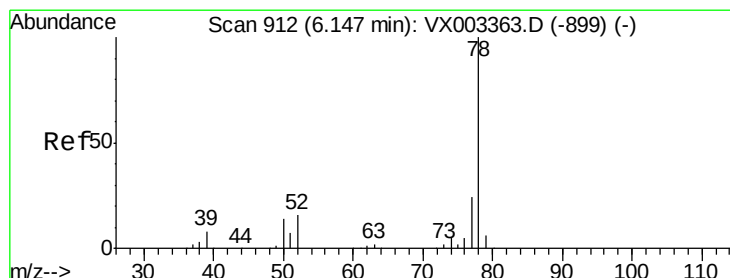
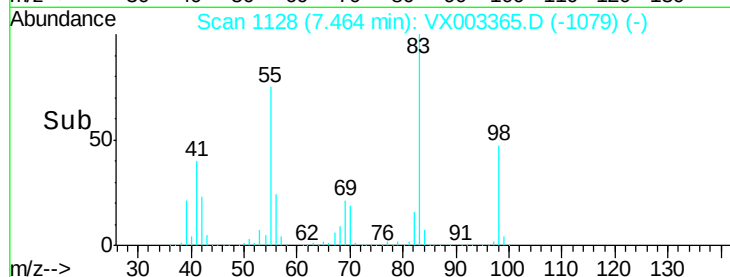
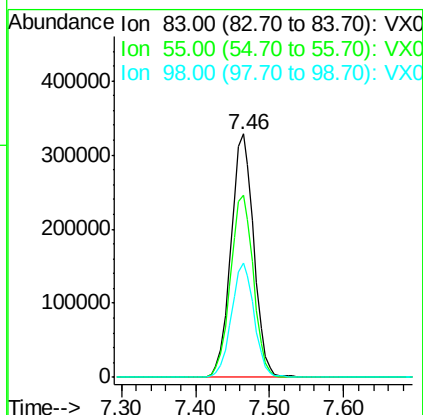
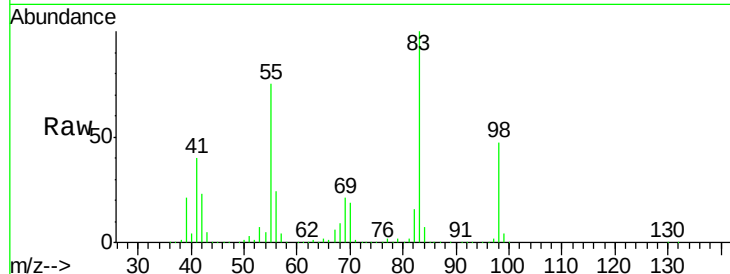




#39
Methylcyclohexane
Concen: 145.734 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

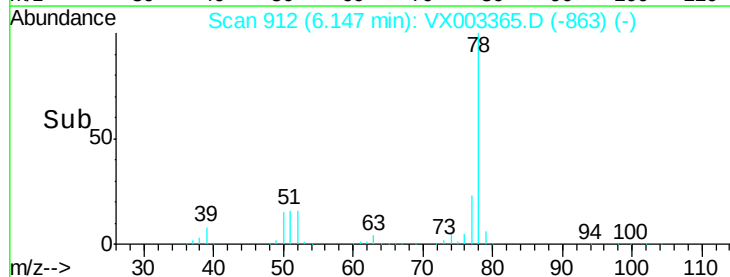
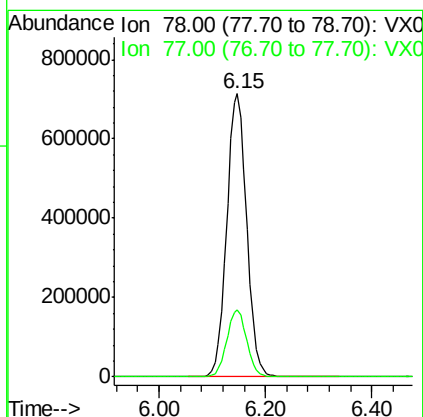
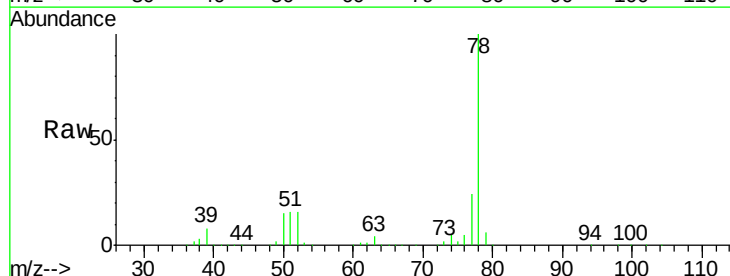
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

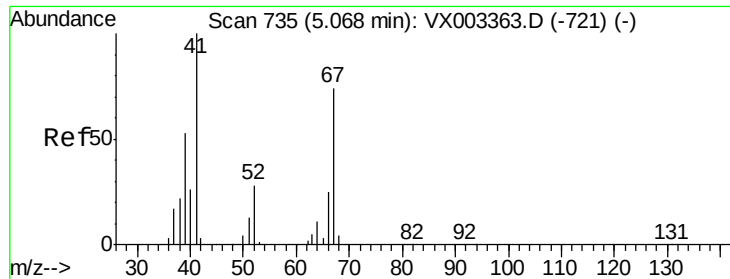
Tgt Ion: 83 Resp: 705176
Ion Ratio Lower Upper
83 100
55 74.8 65.4 98.0
98 46.8 37.4 56.0



#40
Benzene
Concen: 139.560 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 78 Resp: 1868375
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

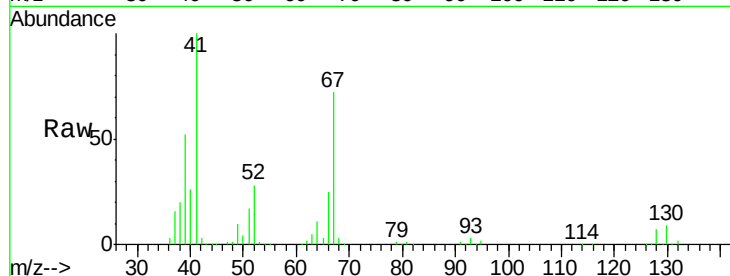




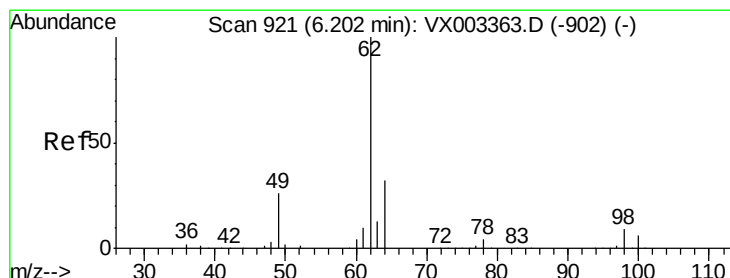
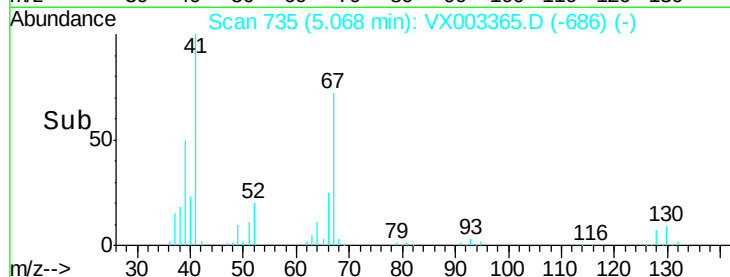
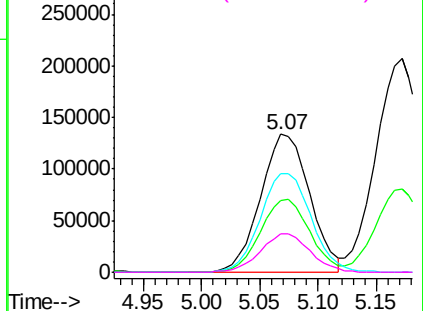
#41
Methacrylonitrile
Concen: 145.249 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	389767
Ion	Ratio	Lower	Upper
41	100		
39	53.4	45.8	68.6
67	74.3	51.3	76.9
52	28.6	23.0	34.6

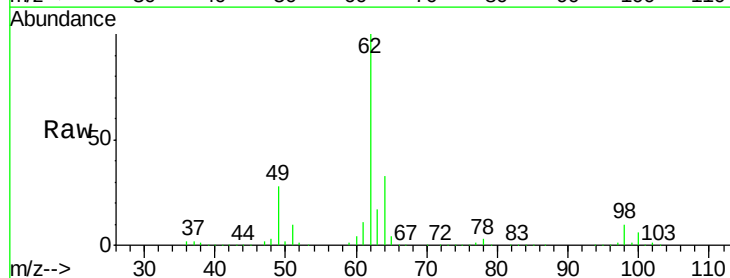


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

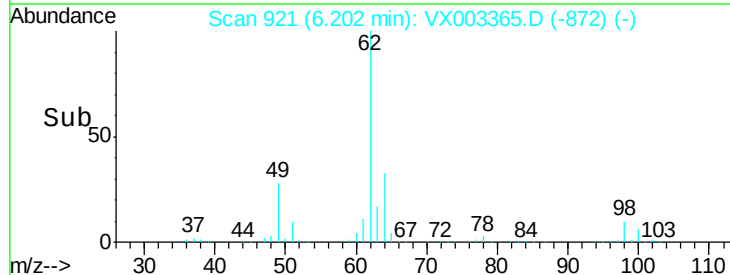
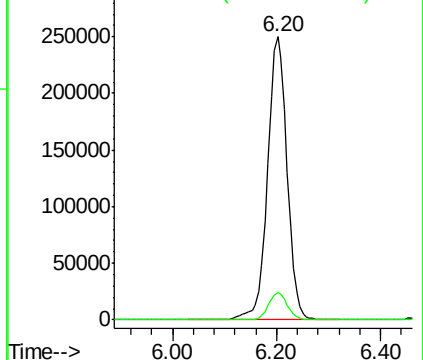


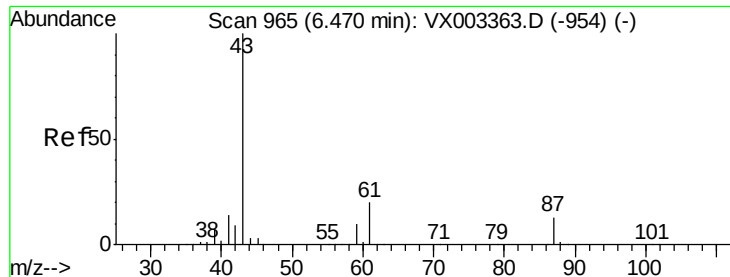
#42
1,2-Dichloroethane
Concen: 137.513 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion:	62	Resp:	643073
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 148.990 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

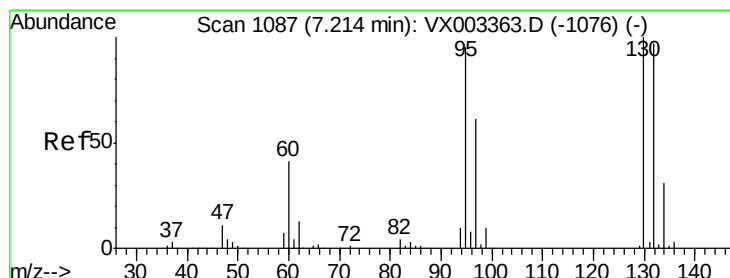
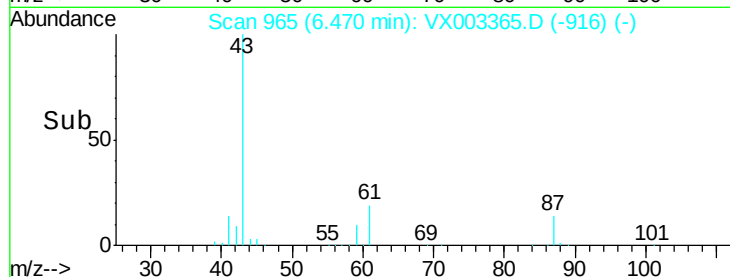
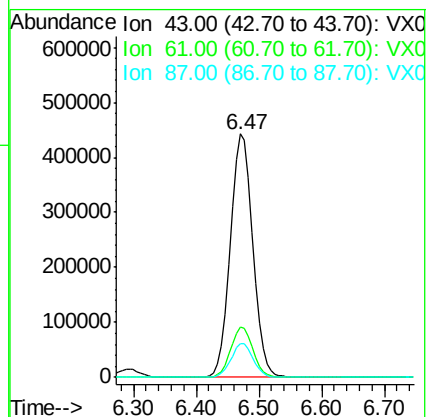
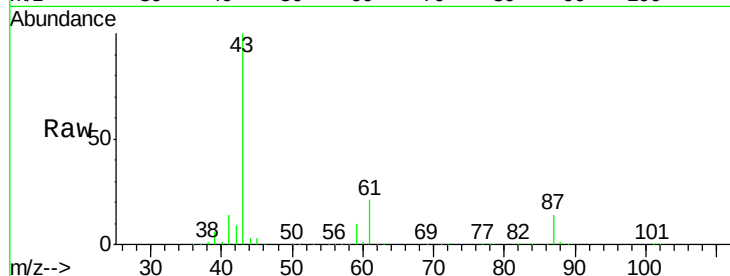
Tgt Ion: 43 Resp: 1093641

Ion Ratio Lower Upper

43 100

61 20.5 14.4 21.6

87 13.8 9.5 14.3



#44

Trichloroethene

Concen: 139.448 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003365.D

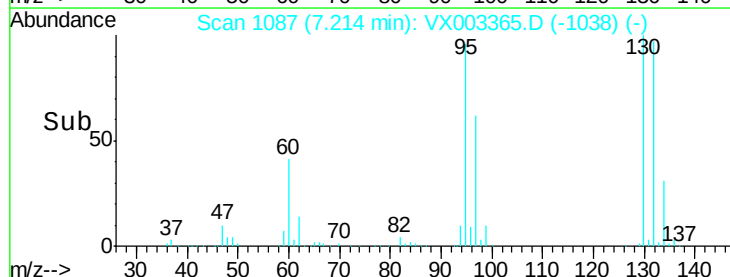
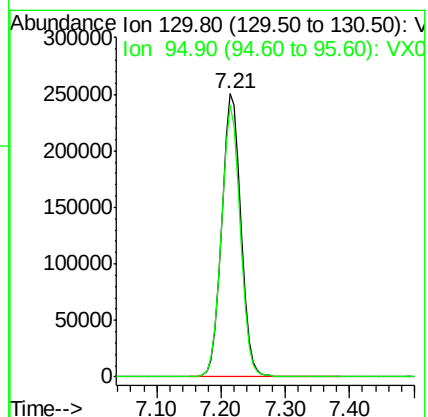
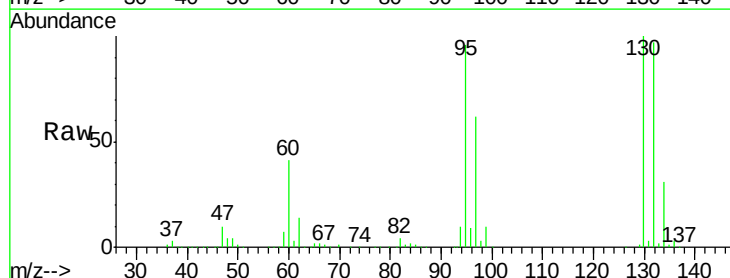
Acq: 13 Jul 2018 13:45

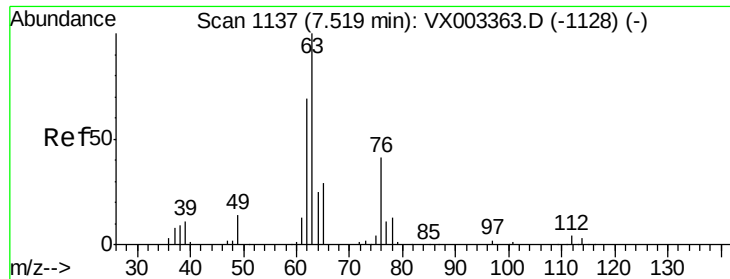
Tgt Ion: 130 Resp: 529003

Ion Ratio Lower Upper

130 100

95 95.8 0.0 185.4

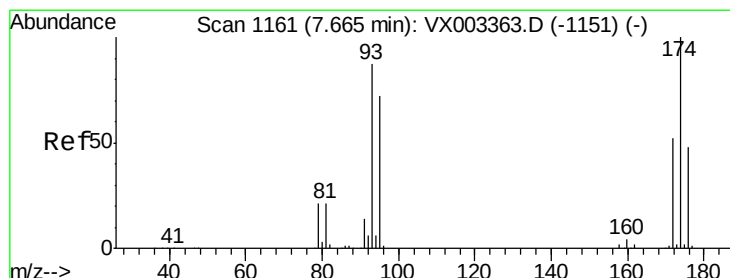
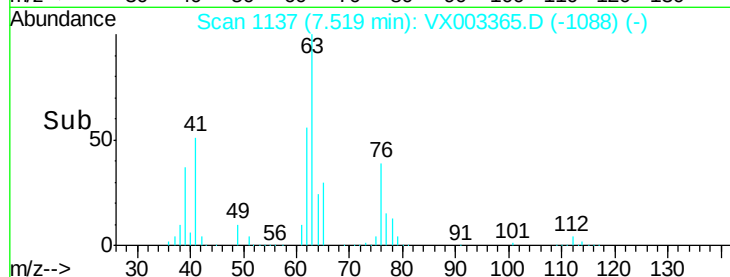
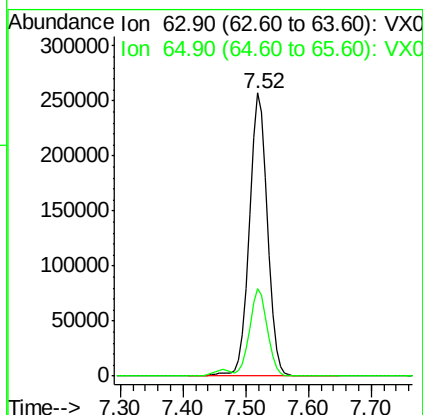
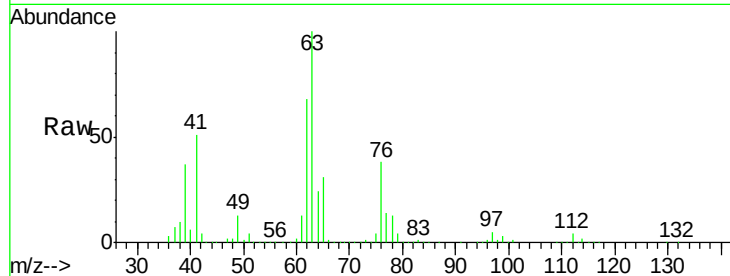




#45
 1,2-Dichloropropane
 Concen: 144.141 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

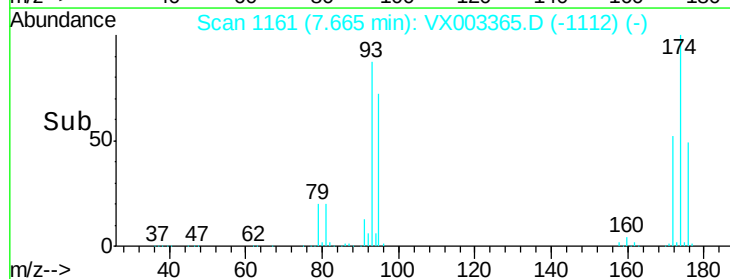
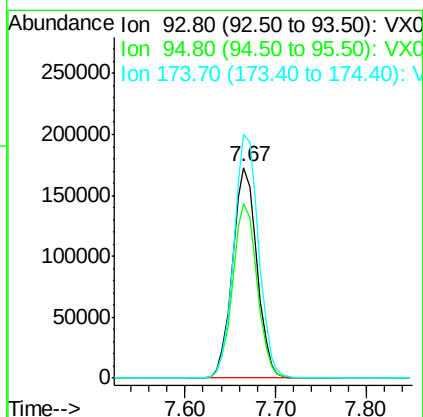
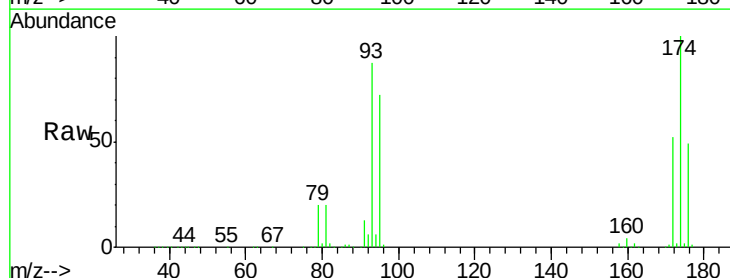
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

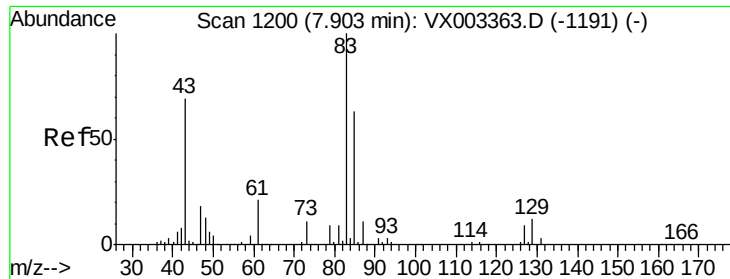
Tgt Ion: 63 Resp: 511893
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 142.648 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 93 Resp: 325710
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 117.3 92.4 138.6





#47

Bromodichloromethane

Concen: 151.738 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

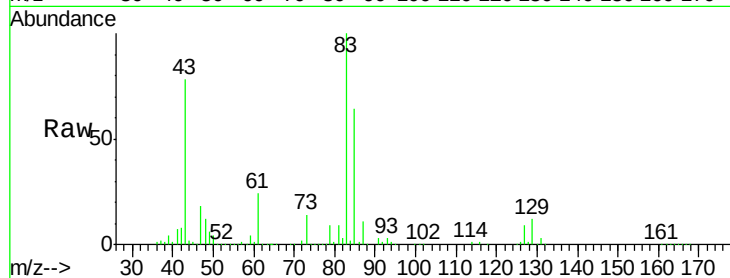
Tgt Ion: 83 Resp: 653228

Ion Ratio Lower Upper

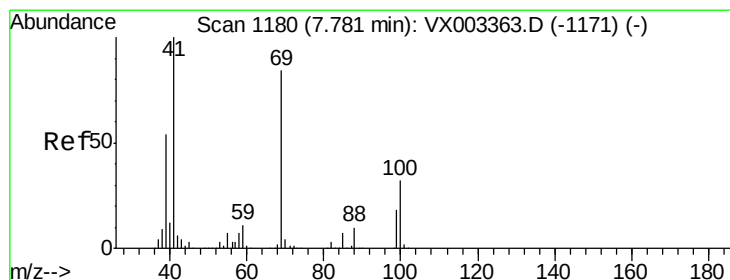
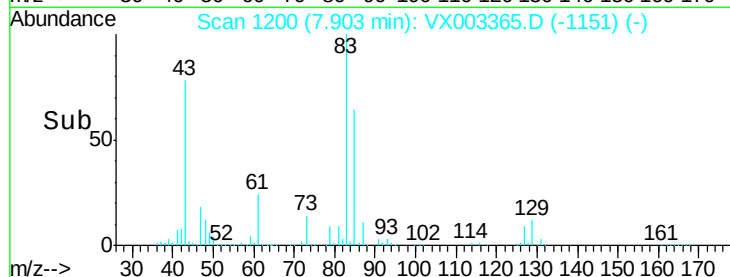
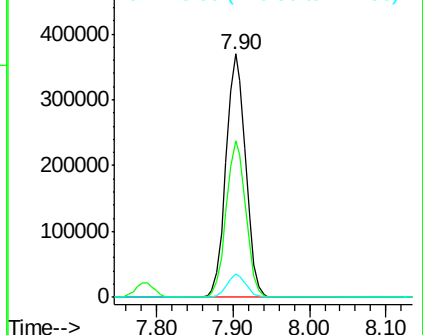
83 100

85 64.1 50.3 75.5

127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 151.196 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

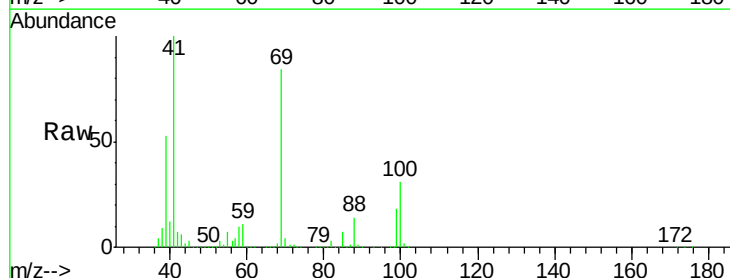
Tgt Ion: 41 Resp: 566464

Ion Ratio Lower Upper

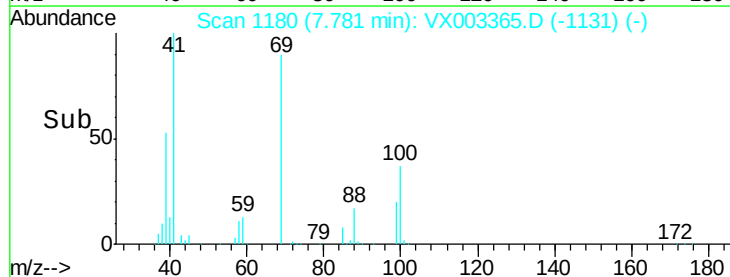
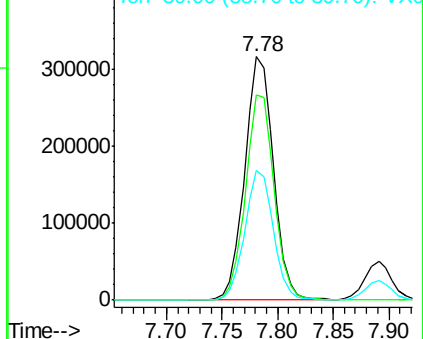
41 100

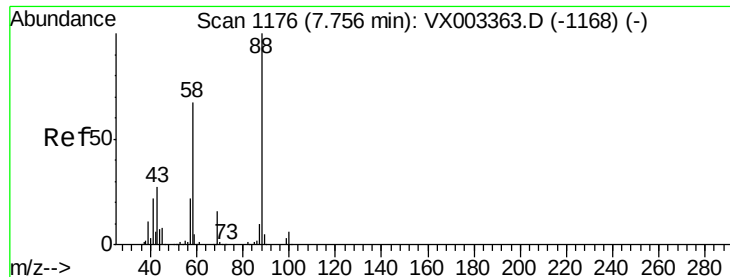
69 84.7 59.1 88.7

39 53.5 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2758.715 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

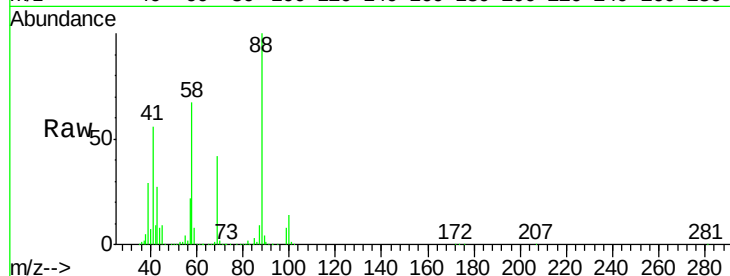
Tgt Ion: 88 Resp: 225546

Ion Ratio Lower Upper

88 100

43 31.2 29.8 44.6

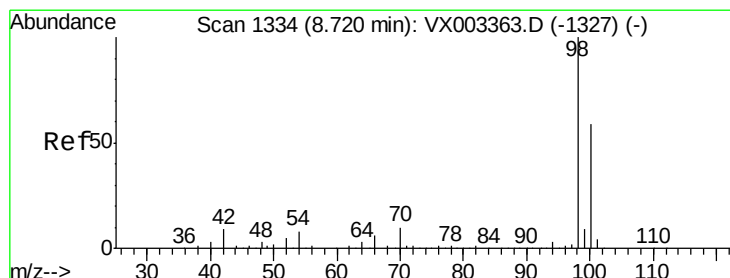
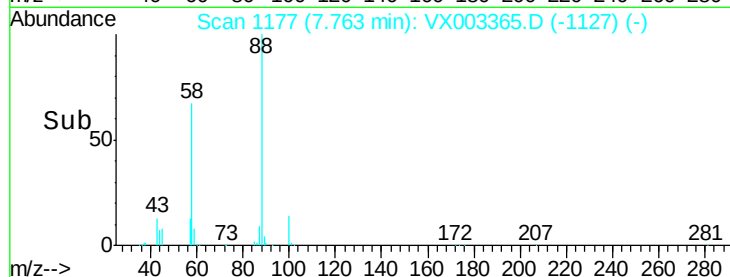
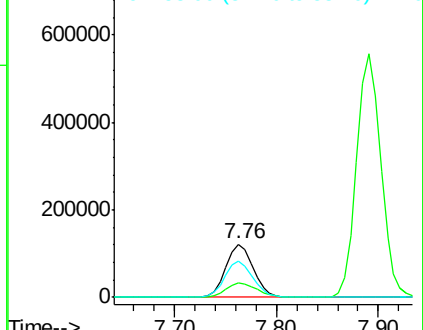
58 69.8 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 151.402 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003365.D

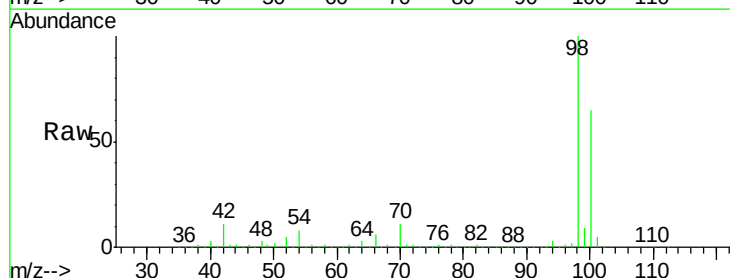
Acq: 13 Jul 2018 13:45

Tgt Ion: 98 Resp: 1435359

Ion Ratio Lower Upper

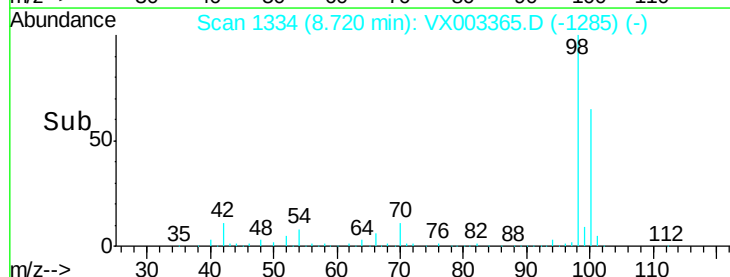
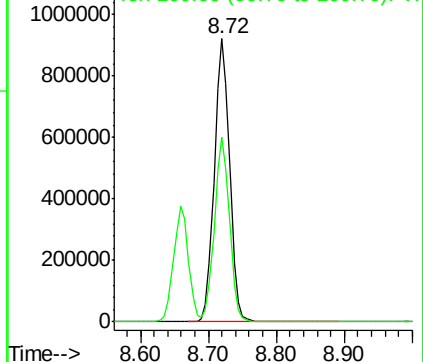
98 100

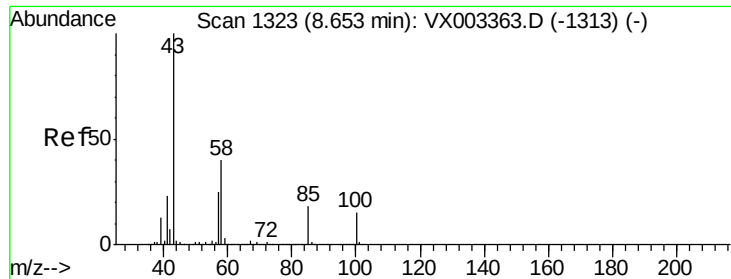
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

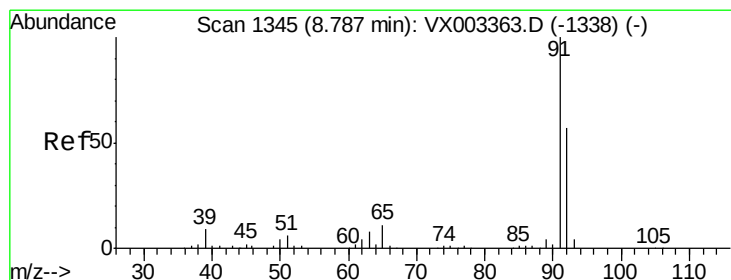
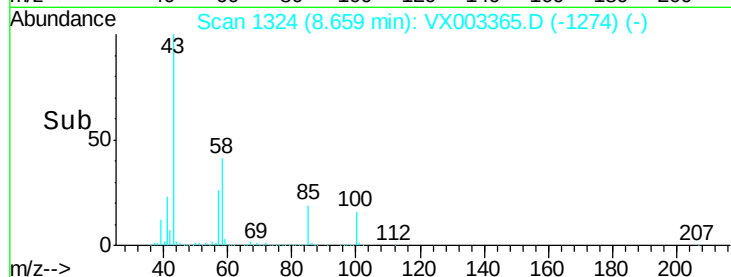
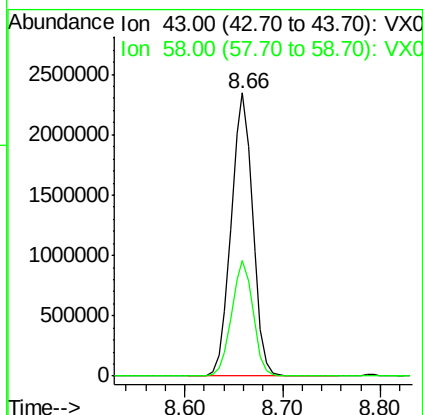
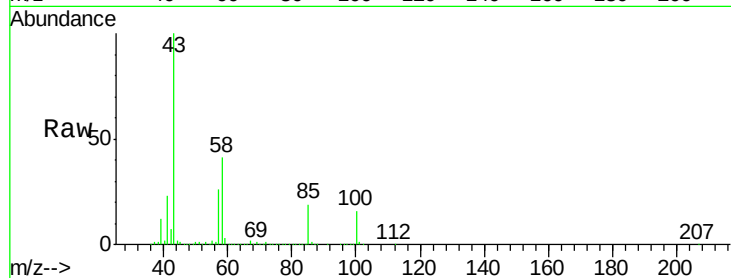




#51
 4-Methyl-2-Pentanone
 Concen: 748.554 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

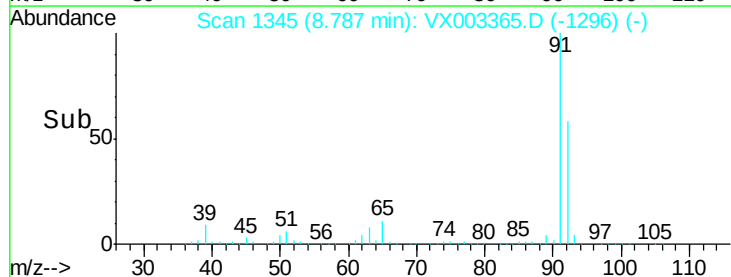
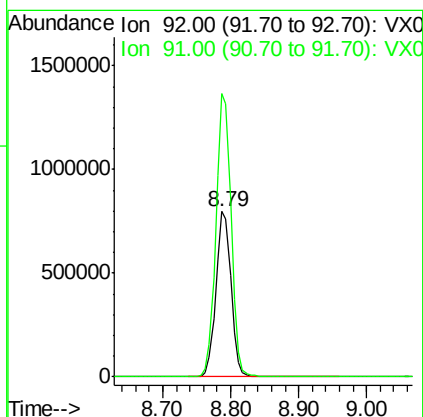
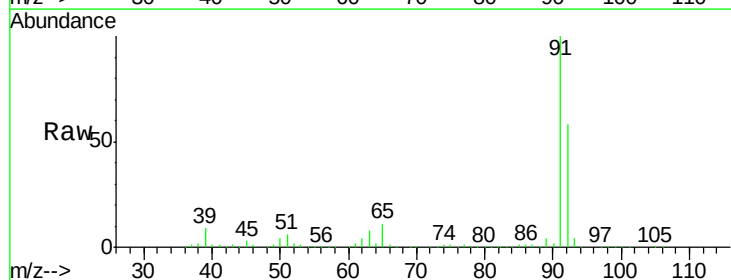
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

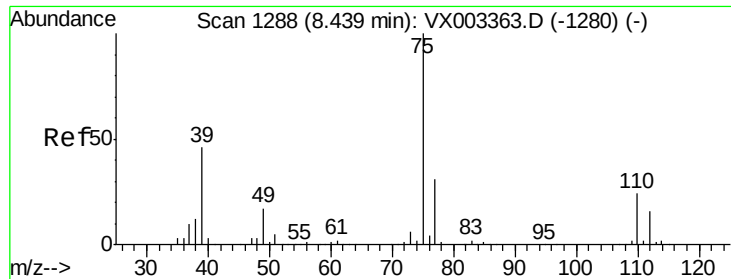
Tgt Ion: 43 Resp: 3591798
 Ion Ratio Lower Upper
 43 100
 58 40.3 28.6 42.8



#52
 Toluene
 Concen: 144.245 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 92 Resp: 1223700
 Ion Ratio Lower Upper
 92 100
 91 172.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 157.527 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

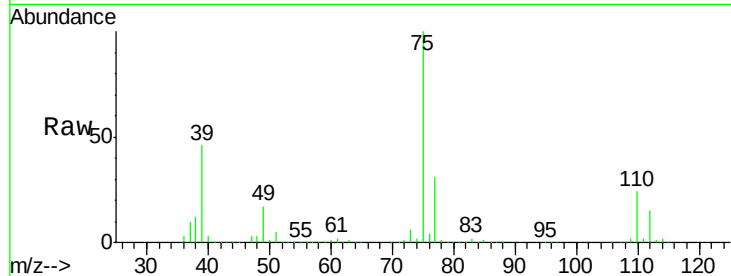
VSTDIC150

Tgt Ion: 75 Resp: 796542

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

500000

400000

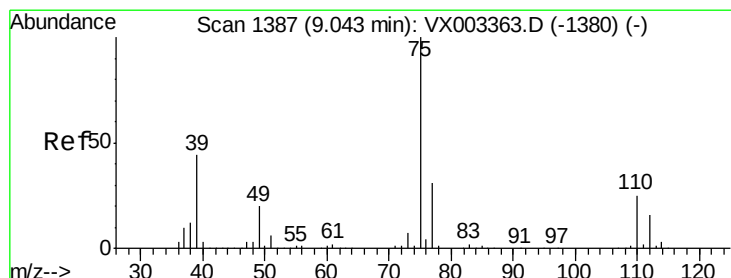
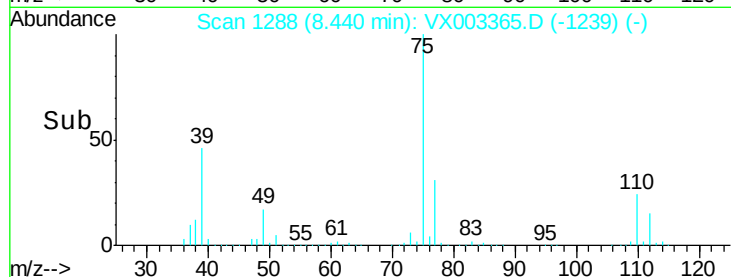
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 164.758 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

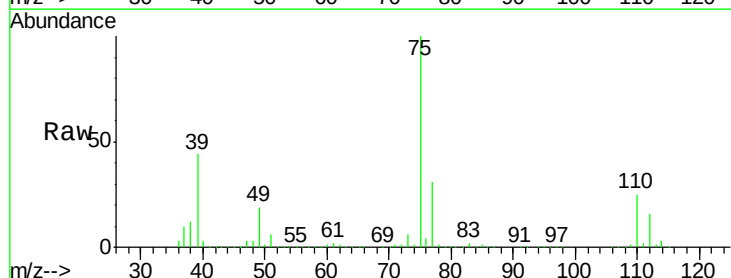
Tgt Ion: 75 Resp: 761029

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 43.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

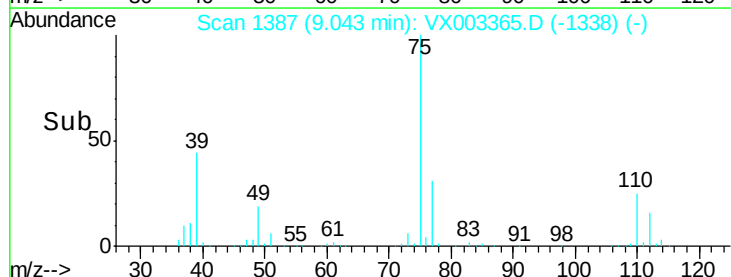
600000

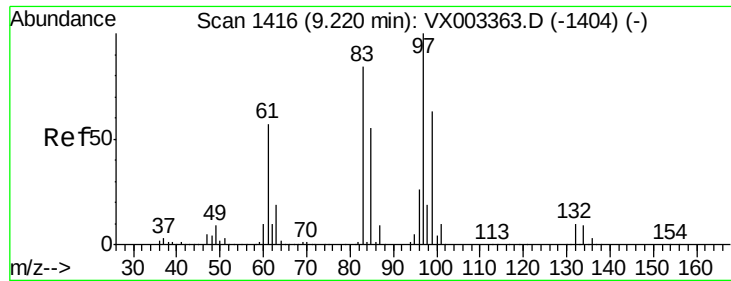
400000

200000

0

Time-->

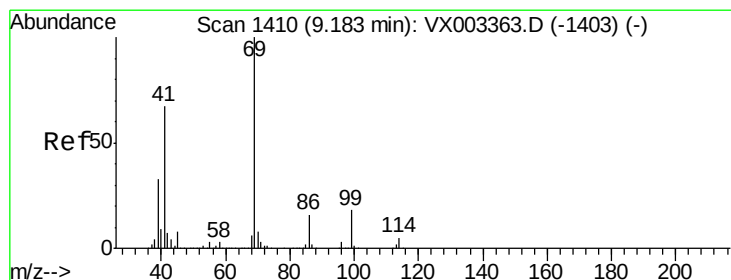
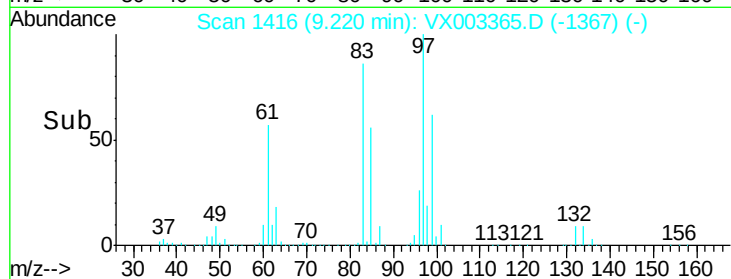
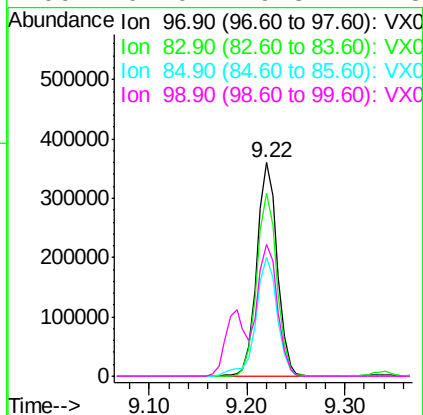
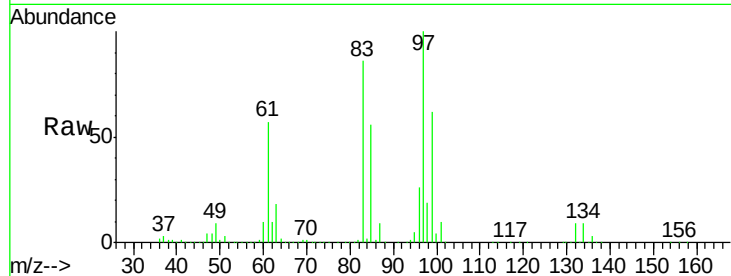




#55
 1,1,2-Trichloroethane
 Concen: 146.708 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

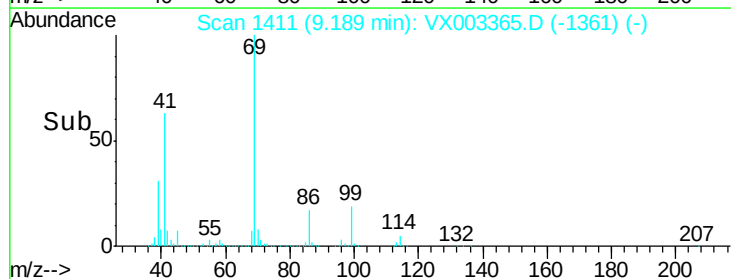
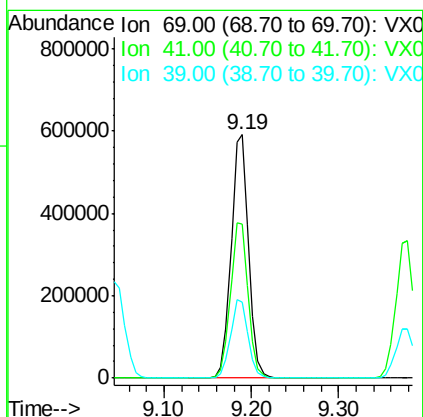
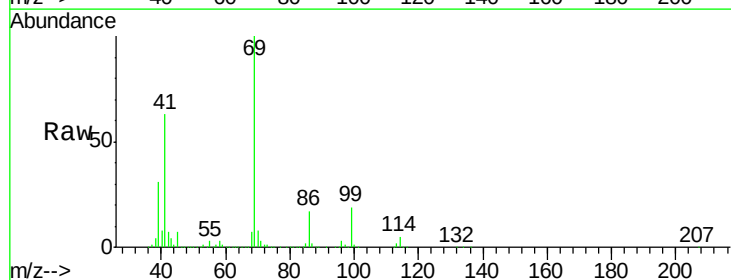
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

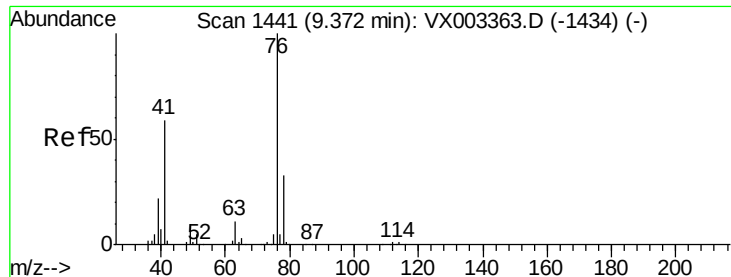
Tgt Ion:	97	Resp:	519487
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	55.6	44.9	67.3
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 162.347 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion:	69	Resp:	821123
Ion	Ratio	Lower	Upper
69	100		
41	64.8	60.3	90.5
39	32.4	35.8	53.8#

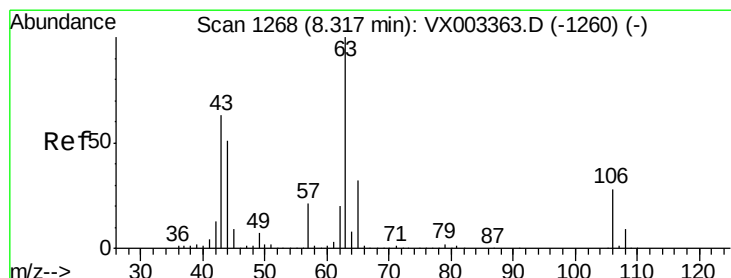
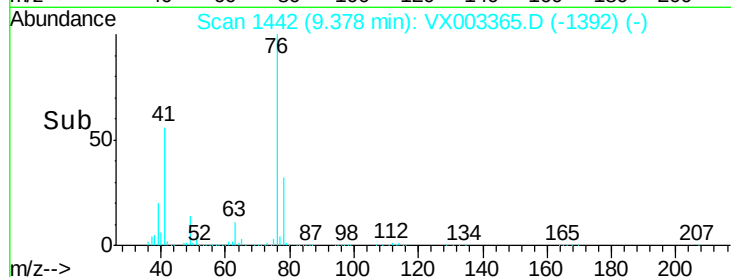
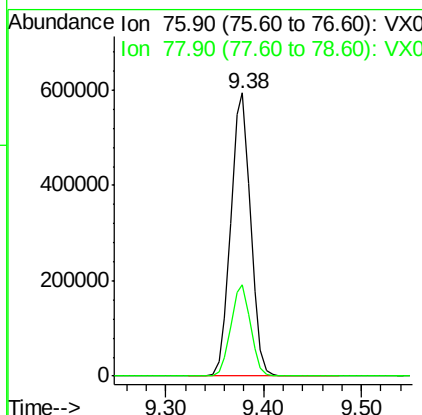
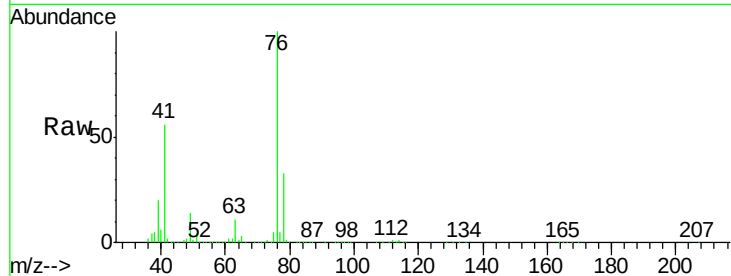




#57
 1,3-Dichloropropane
 Concen: 145.292 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

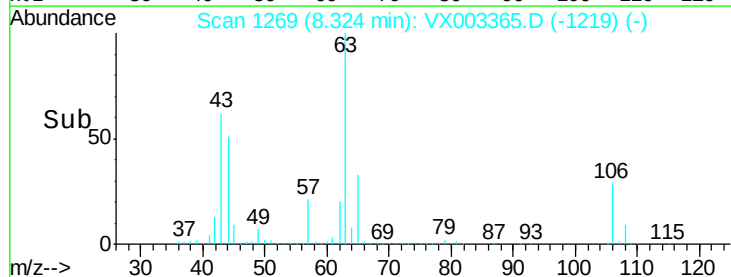
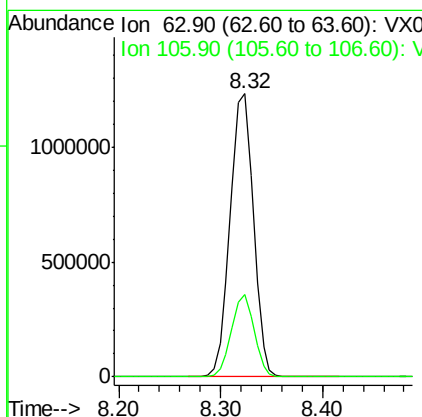
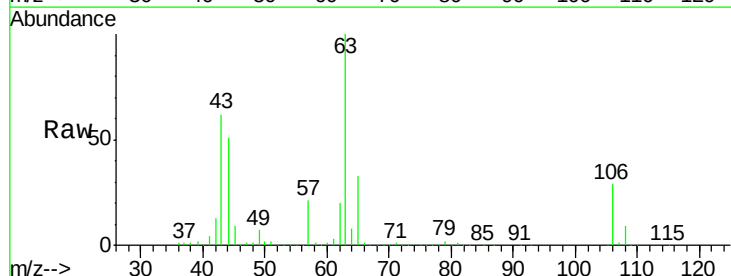
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

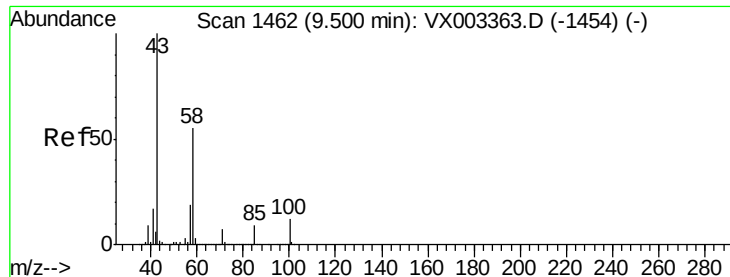
Tgt Ion: 76 Resp: 833852
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 790.643 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 63 Resp: 1943239
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.8 32.8

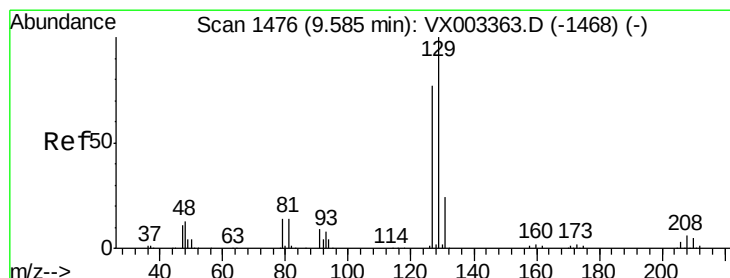
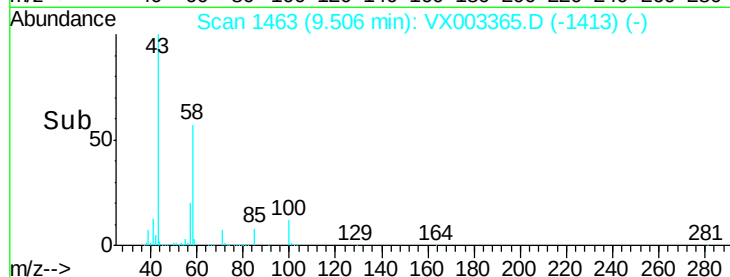
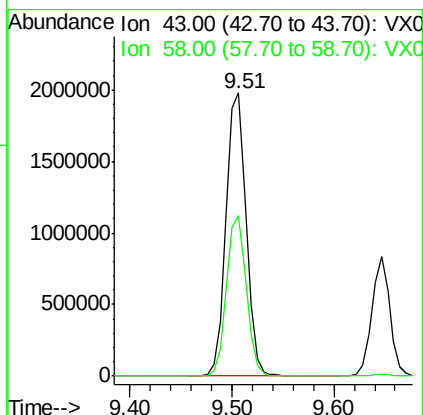
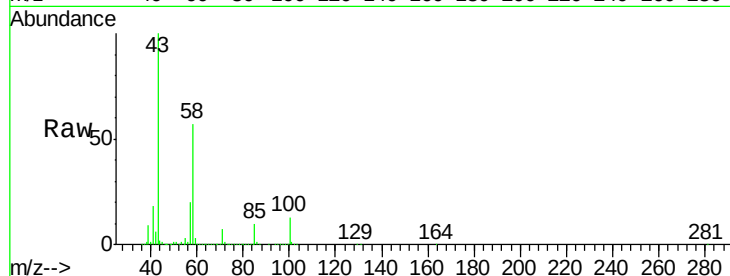




#59
2-Hexanone
Concen: 759.788 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

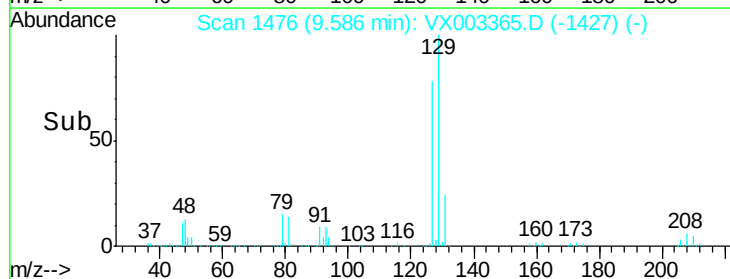
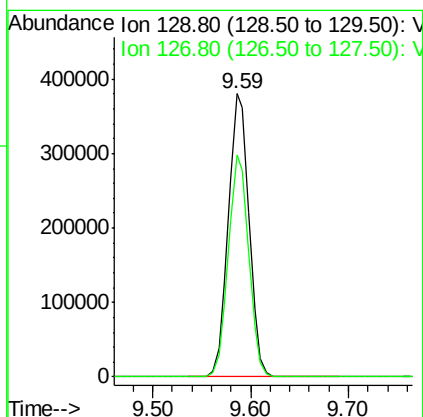
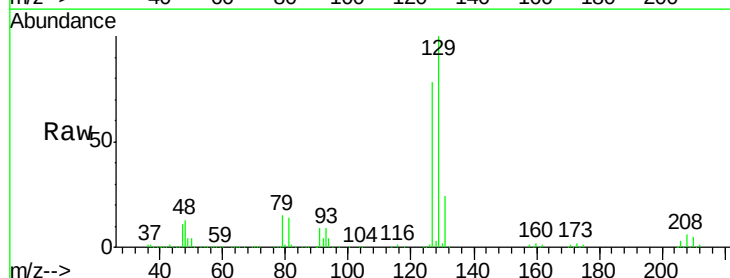
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

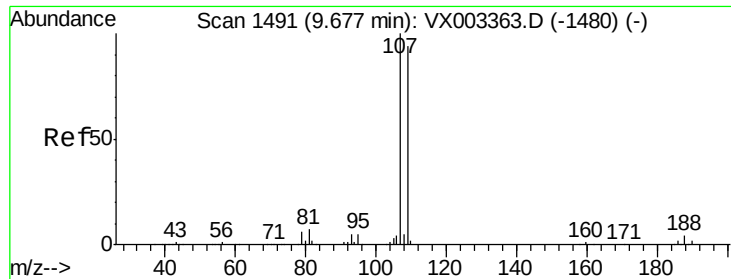
Tgt Ion: 43 Resp: 2688996
Ion Ratio Lower Upper
43 100
58 56.1 24.6 73.6



#60
Dibromochloromethane
Concen: 162.802 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion: 129 Resp: 559590
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

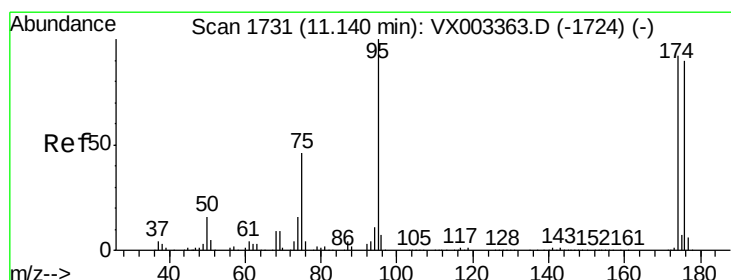
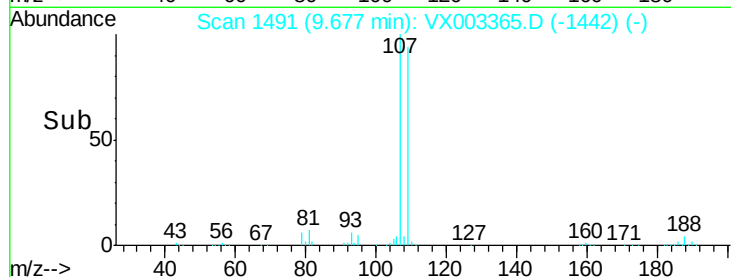
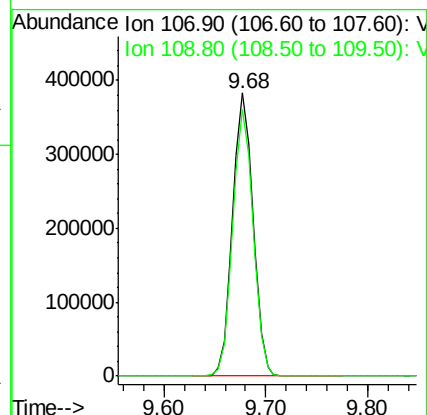
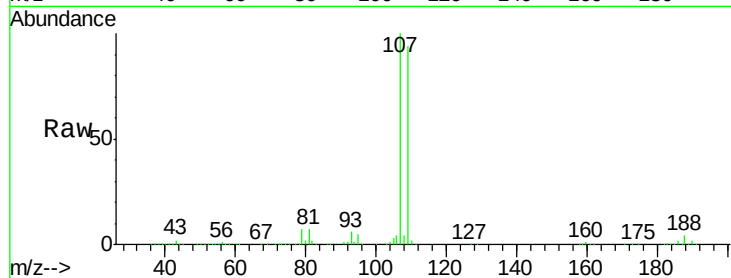




#61
 1,2-Dibromoethane
 Concen: 148.257 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

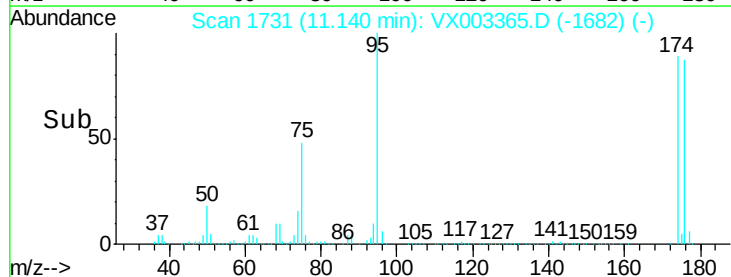
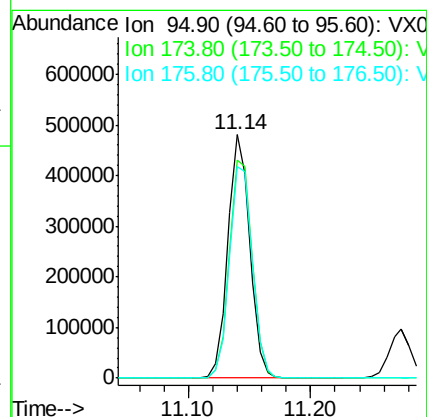
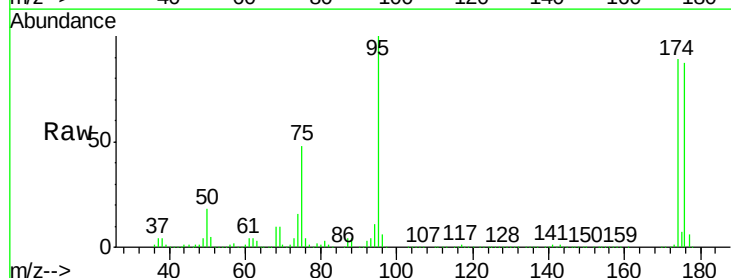
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

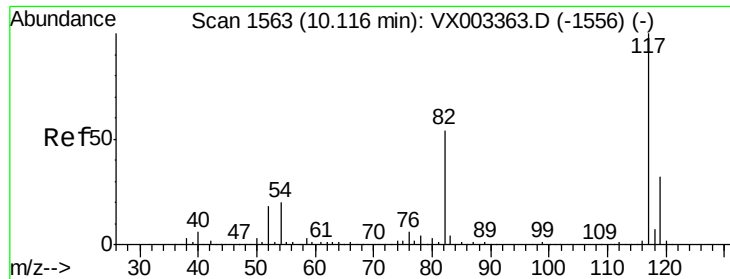
Tgt Ion: 107 Resp: 529348
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 144.251 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 95 Resp: 594874
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 187.4
 176 90.7 0.0 181.0

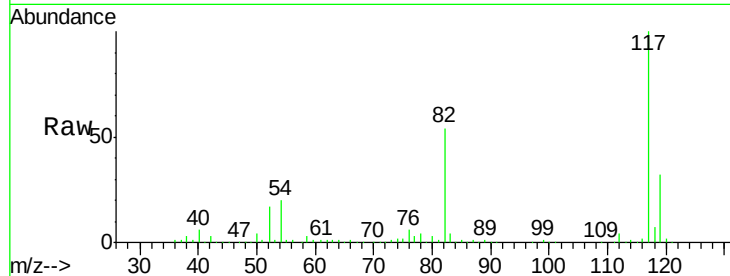




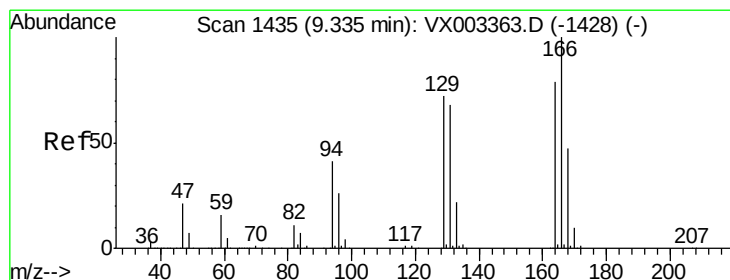
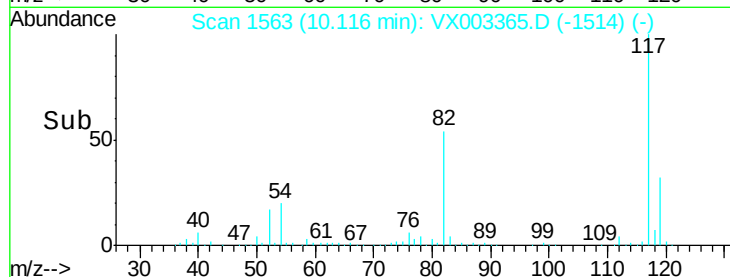
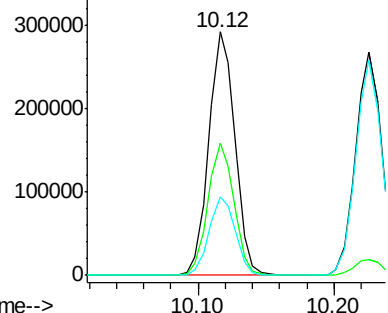
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 391422
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.1 25.8 38.6



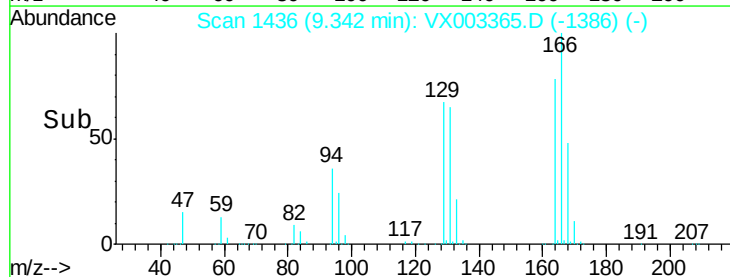
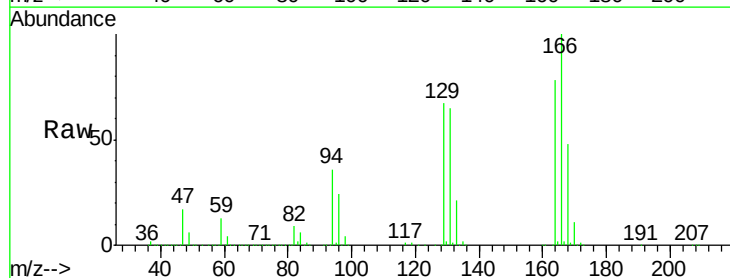
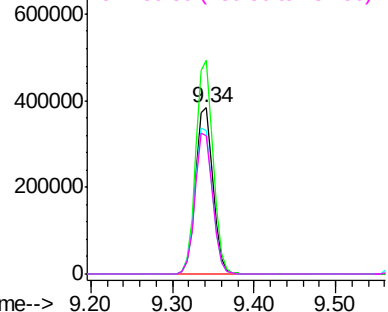
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

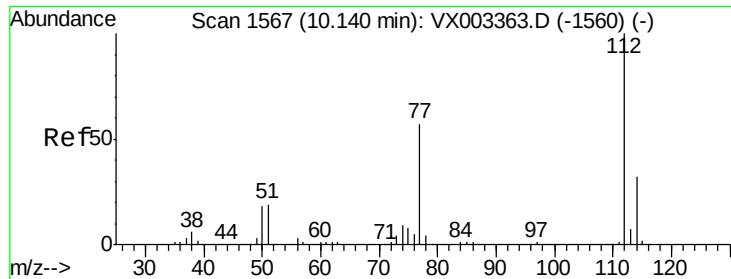


#64
Tetrachloroethene
Concen: 133.618 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion:164 Resp: 566397
Ion Ratio Lower Upper
164 100
166 128.7 102.9 154.3
129 86.1 68.6 102.8
131 83.1 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

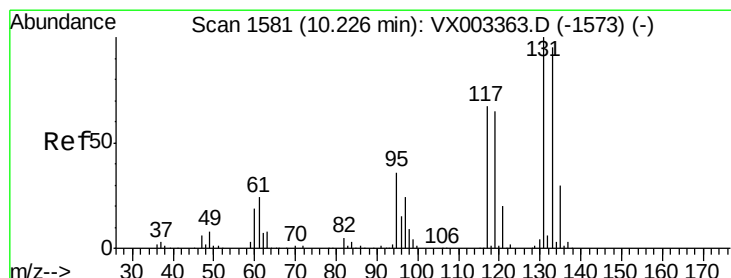
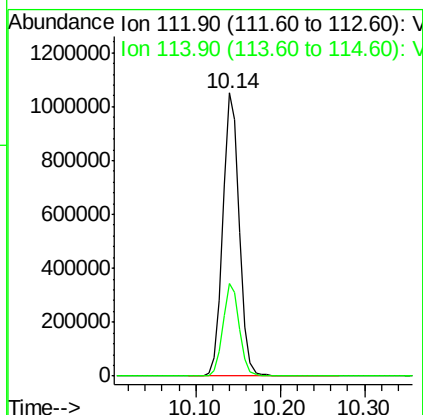
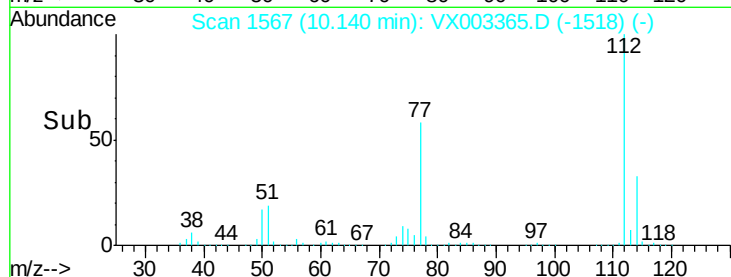
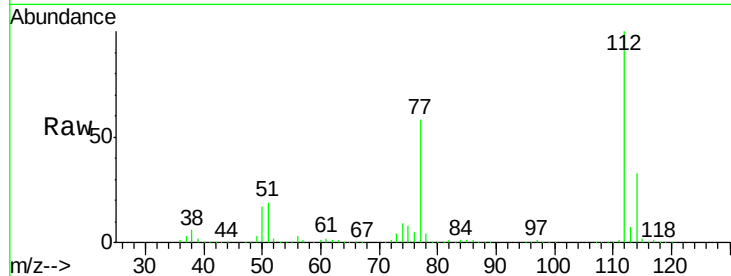




#65
Chlorobenzene
Concen: 141.006 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

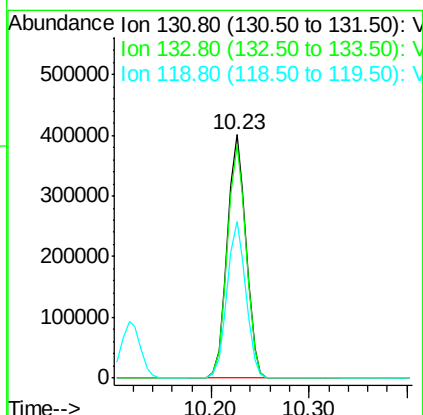
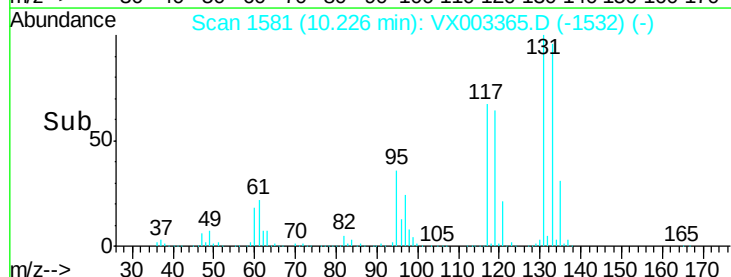
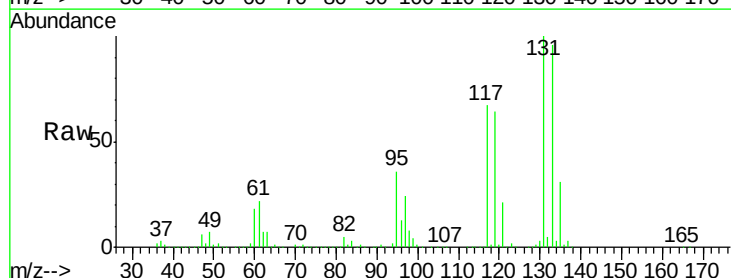
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

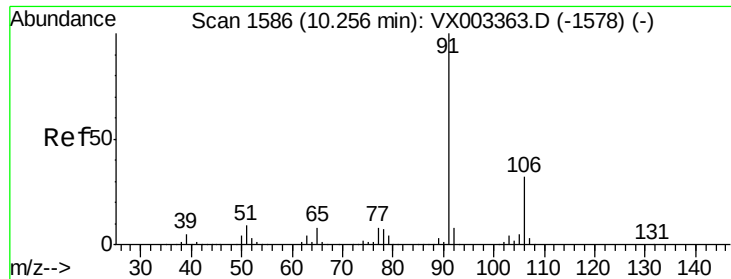
Tgt Ion:112 Resp: 1417231
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 150.449 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion:131 Resp: 534688
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 64.5 31.8 95.3





#67

Ethyl Benzene

Concen: 146.685 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

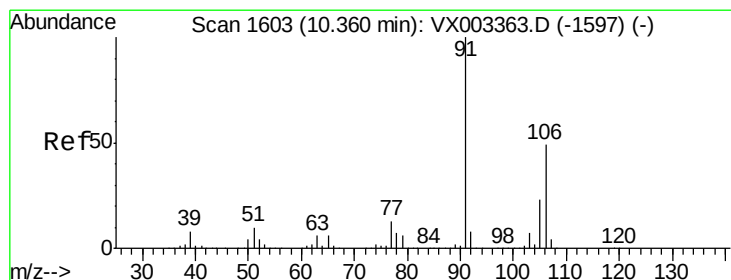
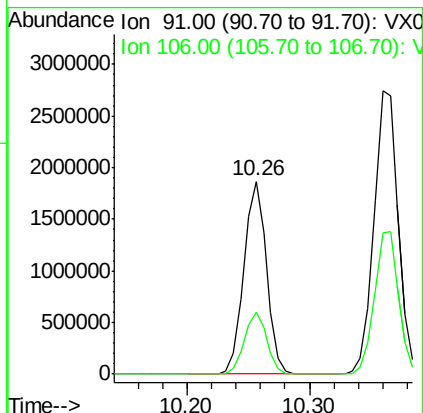
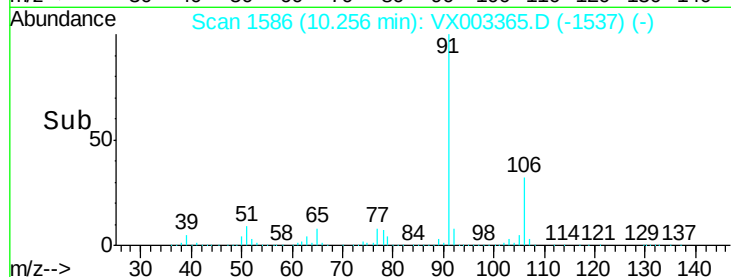
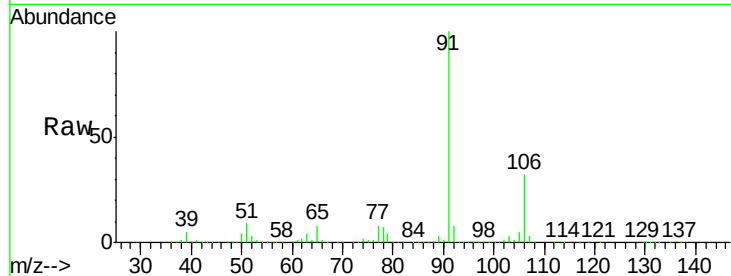
VSTDIC150

Tgt Ion: 91 Resp: 2399242

Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 302.223 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003365.D

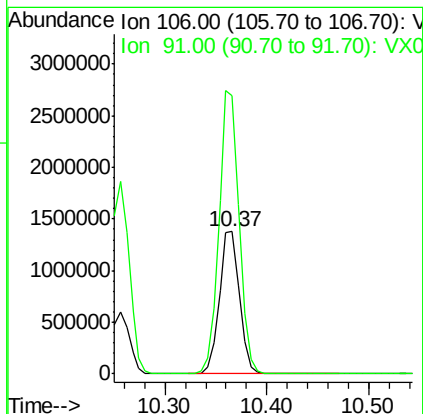
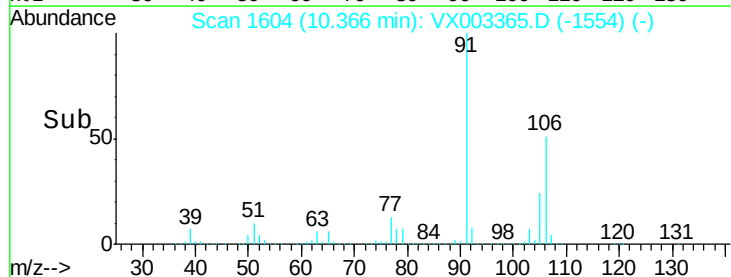
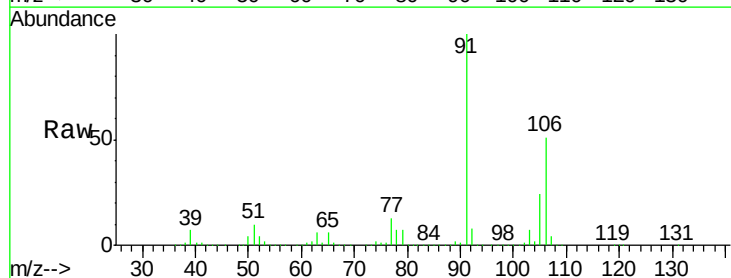
Acq: 13 Jul 2018 13:45

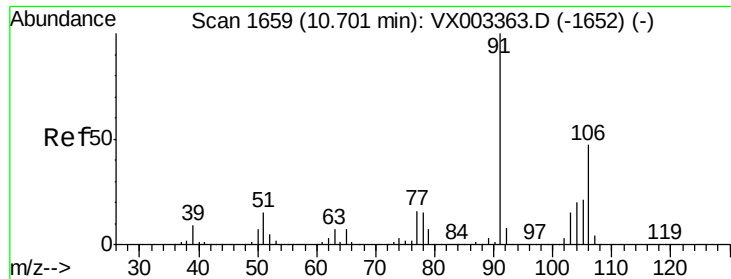
Tgt Ion: 106 Resp: 1904286

Ion Ratio Lower Upper

106 100

91 198.9 163.4 245.2

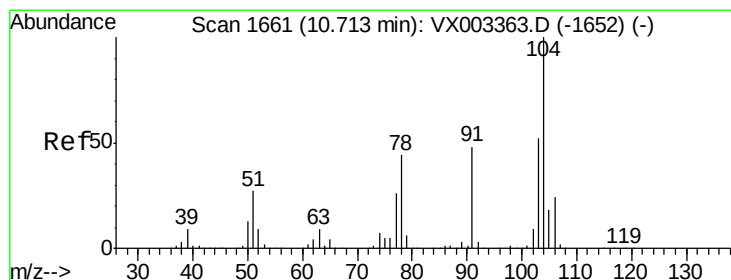
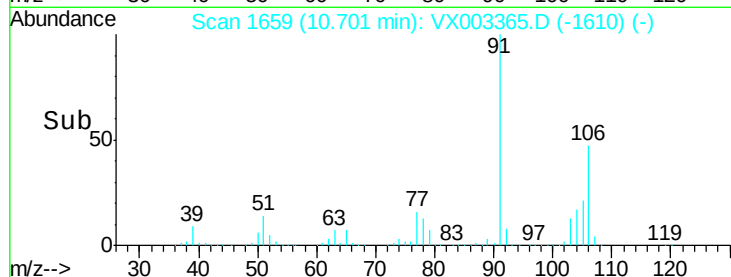
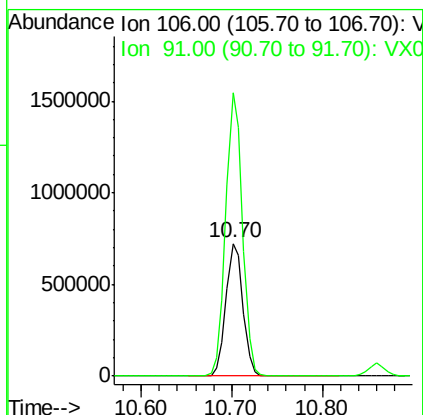
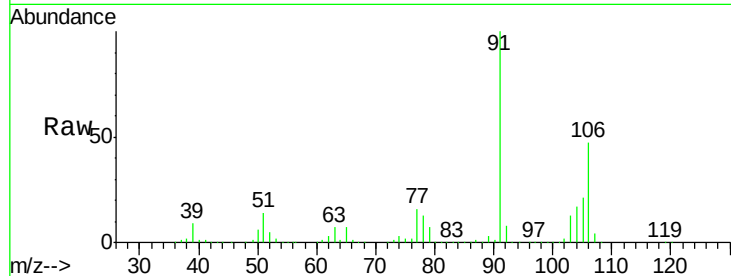




#69
o-Xylene
Concen: 152.964 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

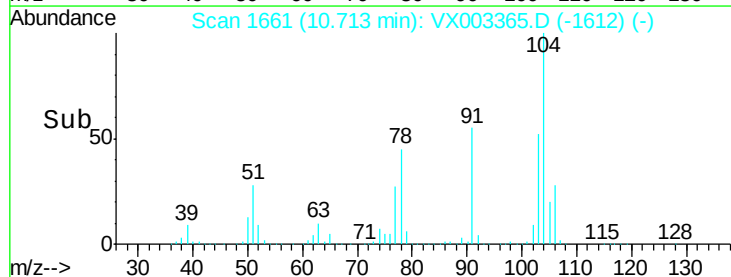
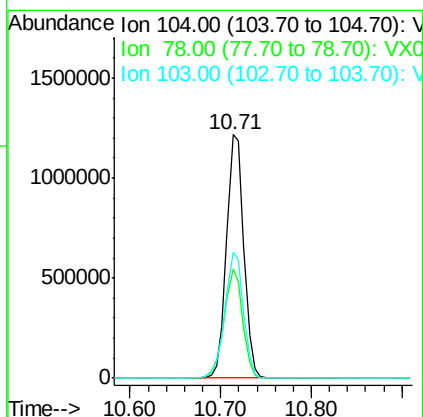
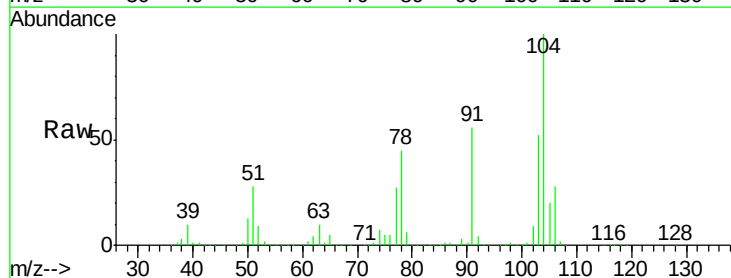
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

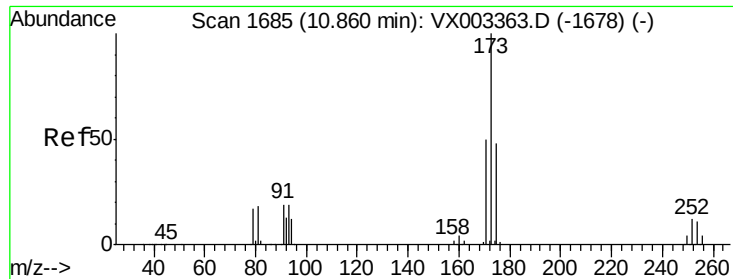
Tgt Ion:106 Resp: 941366
Ion Ratio Lower Upper
106 100
91 210.4 108.2 324.6



#70
Styrene
Concen: 155.825 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion:104 Resp: 1611591
Ion Ratio Lower Upper
104 100
78 48.0 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 172.623 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

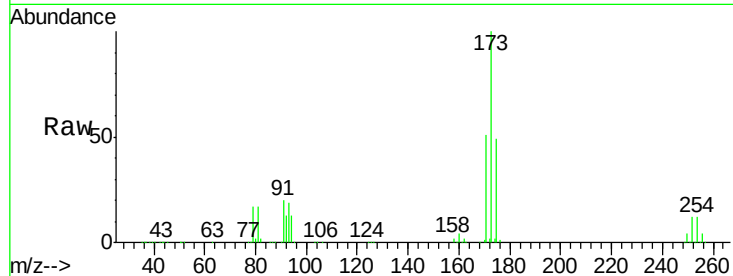
Tgt Ion:173 Resp: 469670

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

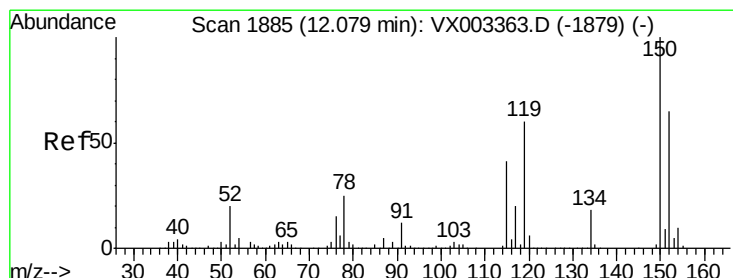
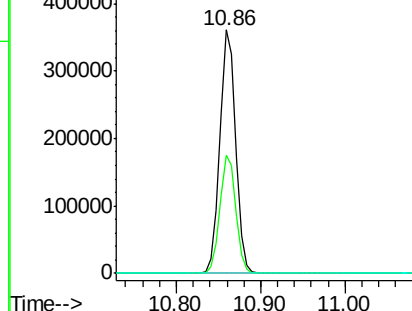
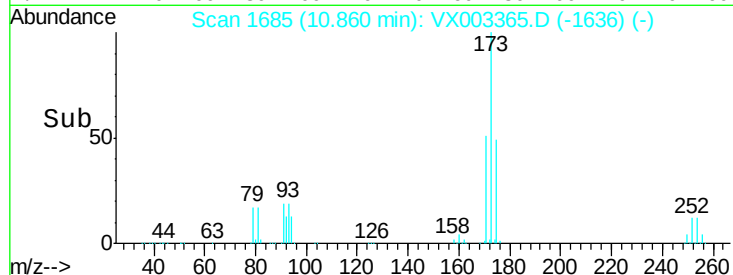
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

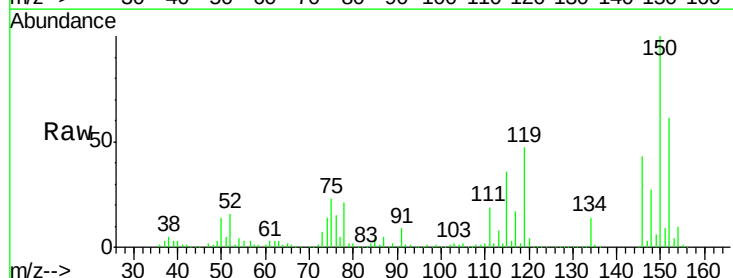
Tgt Ion:152 Resp: 245357

Ion Ratio Lower Upper

152 100

115 123.6 40.1 120.2#

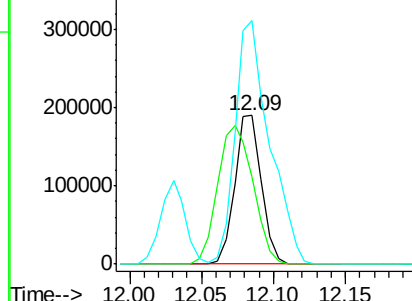
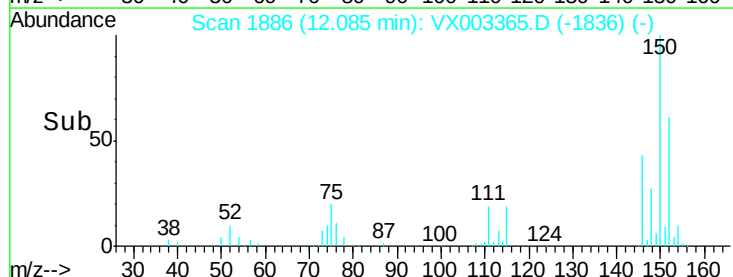
150 210.7 0.0 347.2

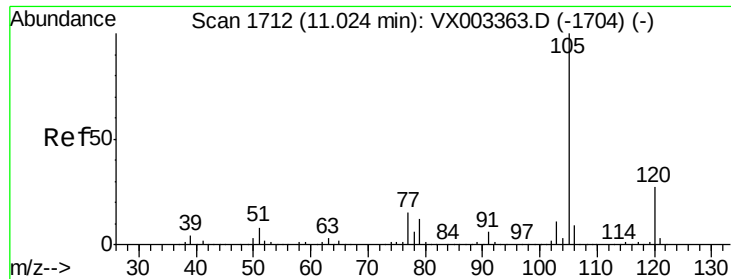


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 145.943 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

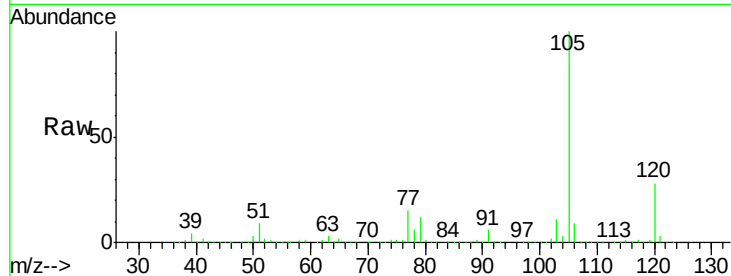
VSTDIC150

Tgt Ion:105 Resp: 2475964

Ion Ratio Lower Upper

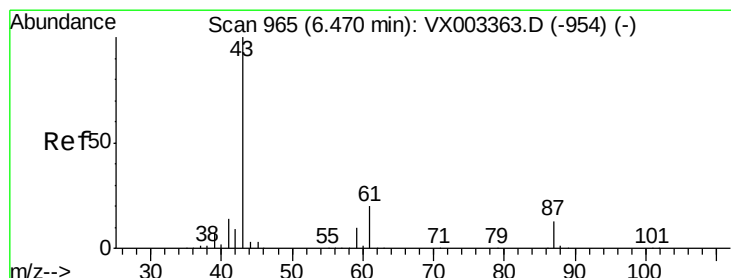
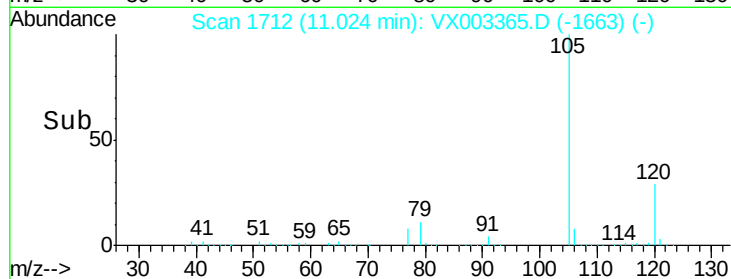
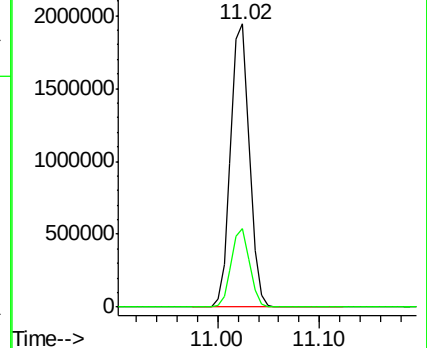
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 139.069 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Tgt Ion: 43 Resp: 1093641

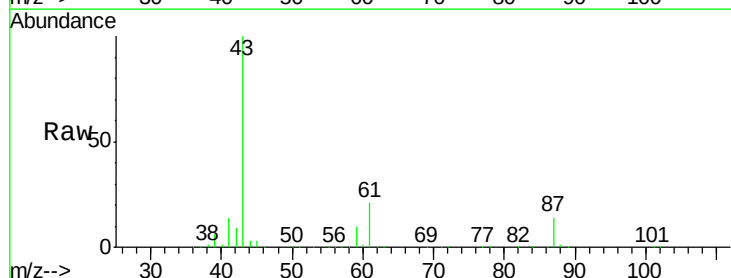
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 20.5 14.4 21.6

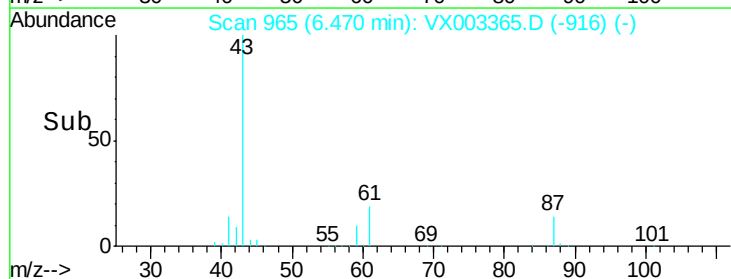
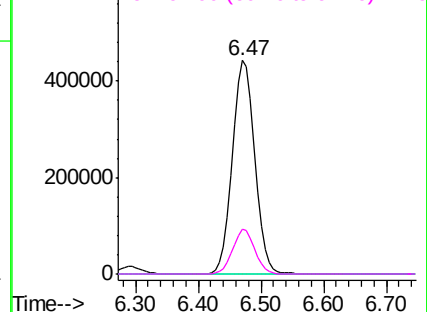


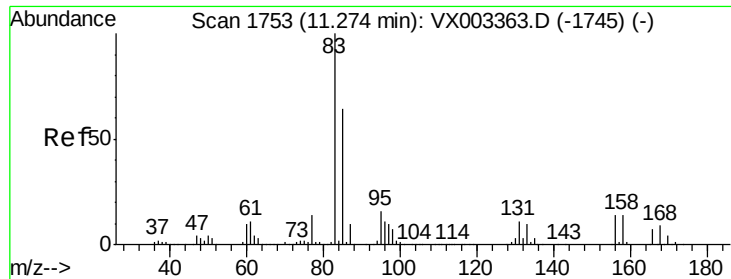
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 141.413 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

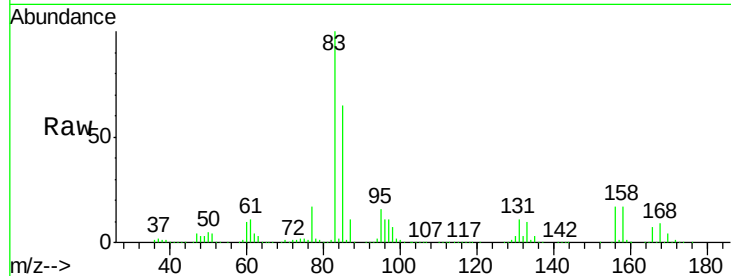
Tgt Ion: 83 Resp: 783215

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

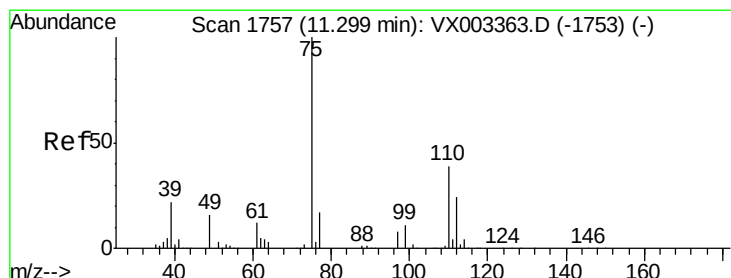
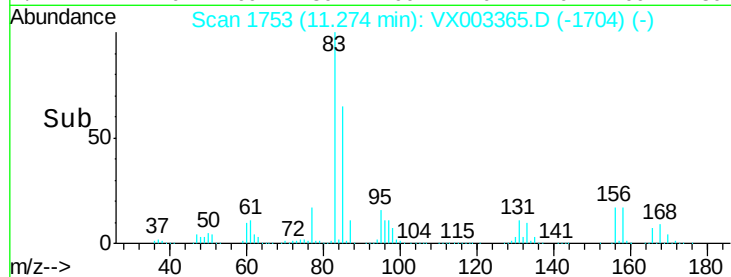
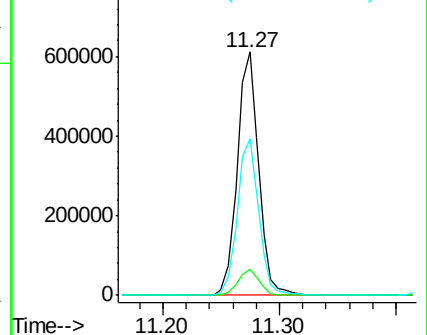
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 190.690 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003365.D

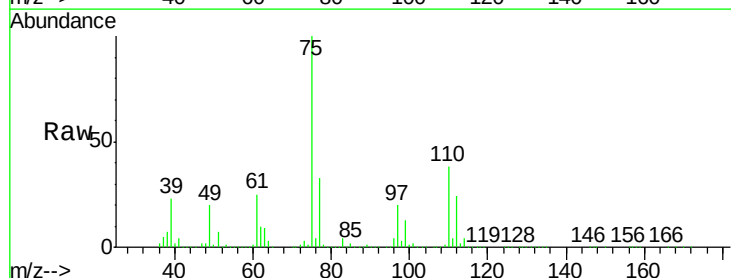
Acq: 13 Jul 2018 13:45

Tgt Ion: 75 Resp: 924335

Ion Ratio Lower Upper

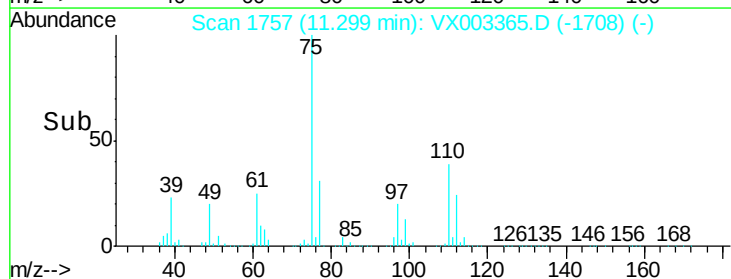
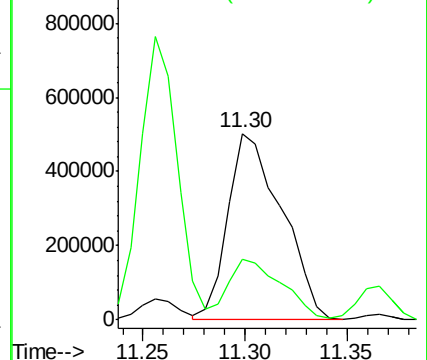
75 100

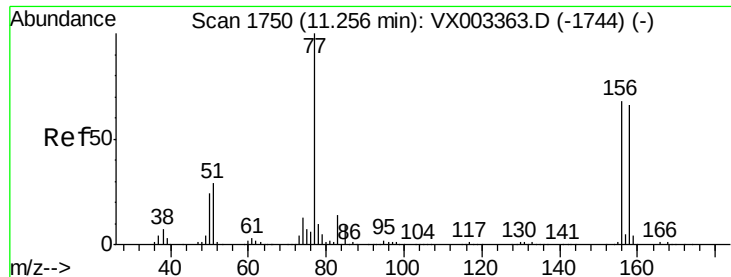
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 141.085 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

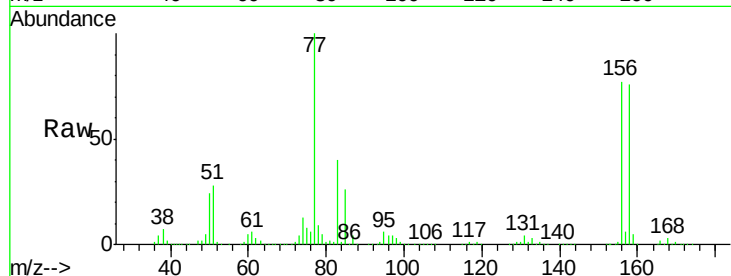
Tgt Ion:156 Resp: 676331

Ion Ratio Lower Upper

156 100

77 142.9 71.4 214.2

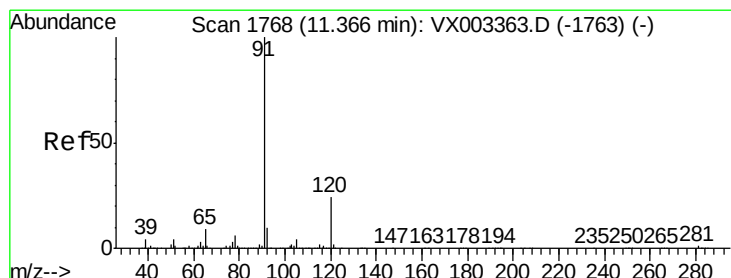
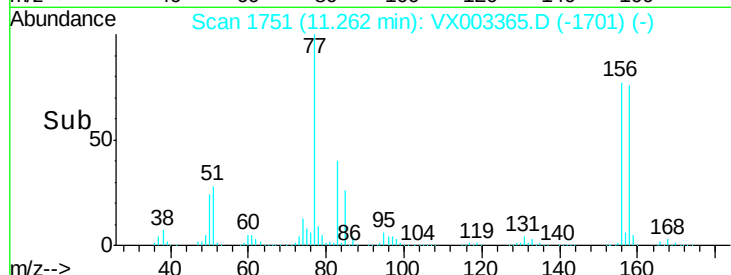
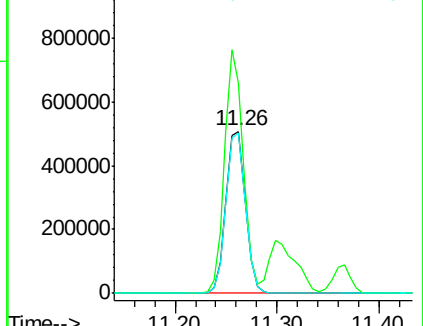
158 98.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 146.684 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003365.D

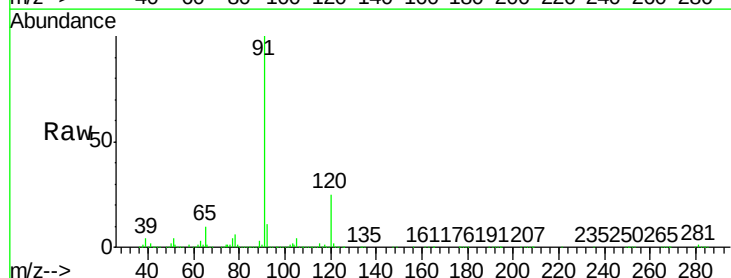
Acq: 13 Jul 2018 13:45

Tgt Ion: 91 Resp: 2812852

Ion Ratio Lower Upper

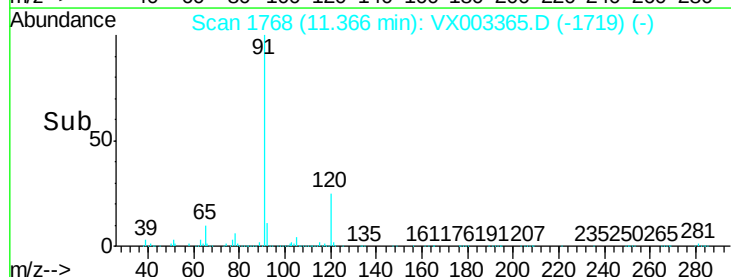
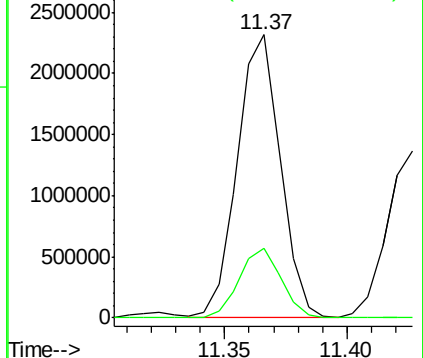
91 100

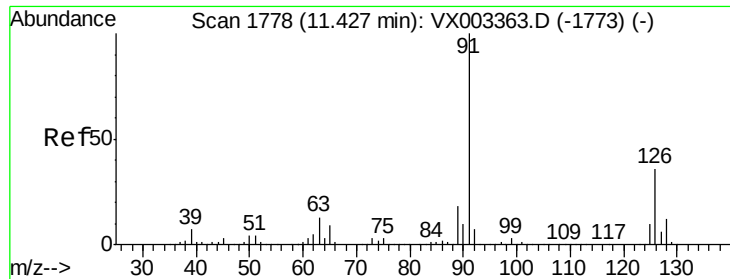
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

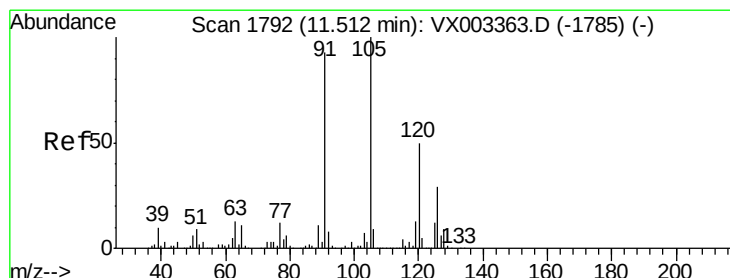
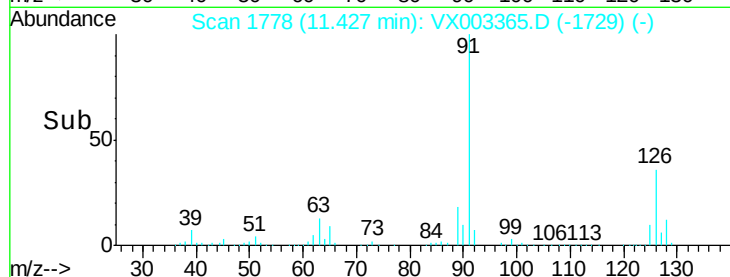
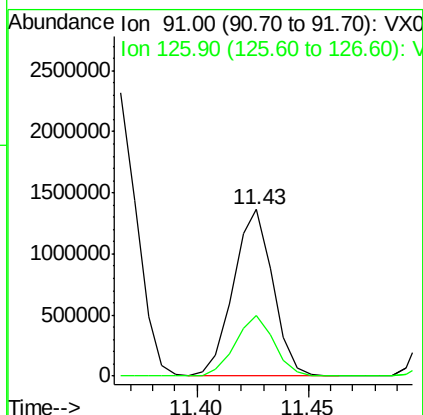
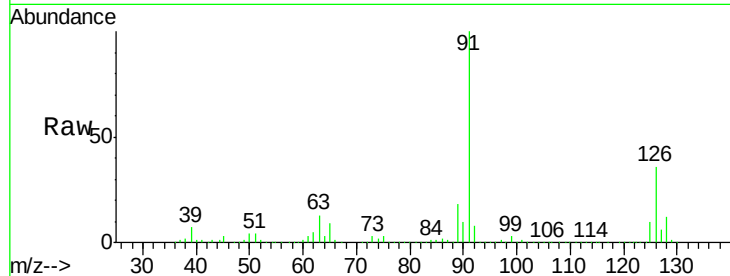




#79
 2-Chlorotoluene
 Concen: 141.742 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

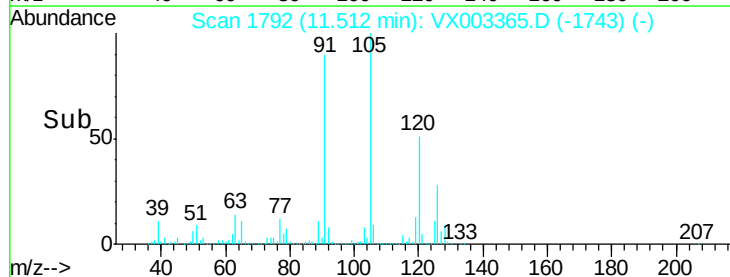
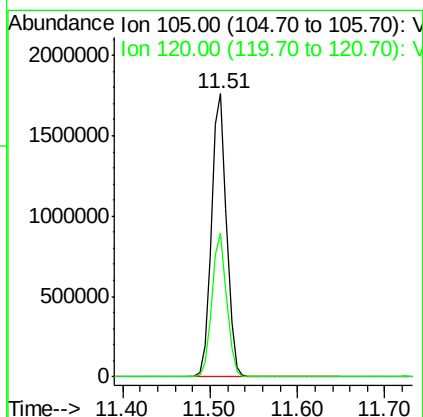
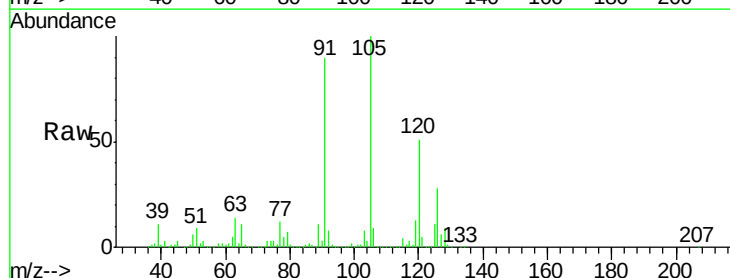
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

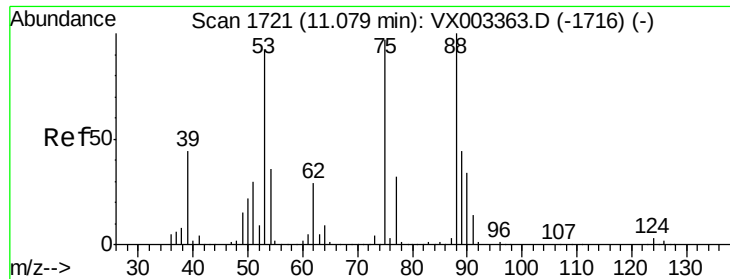
Tgt Ion: 91 Resp: 1678895
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 150.057 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion: 105 Resp: 2109765
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 168.448 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

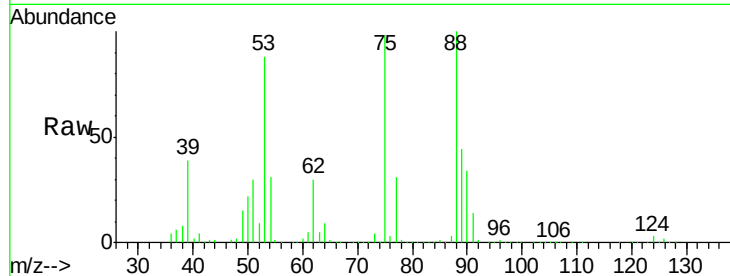
Tgt Ion: 75 Resp: 244905

Ion Ratio Lower Upper

75 100

53 91.7 86.8 130.2

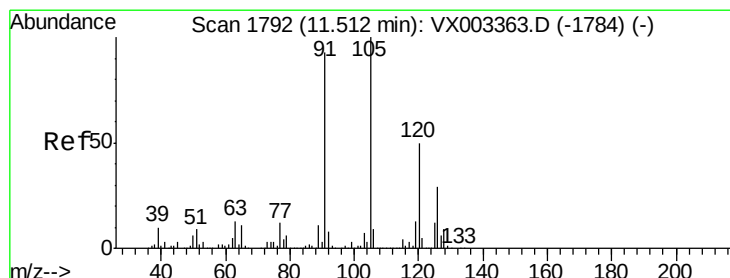
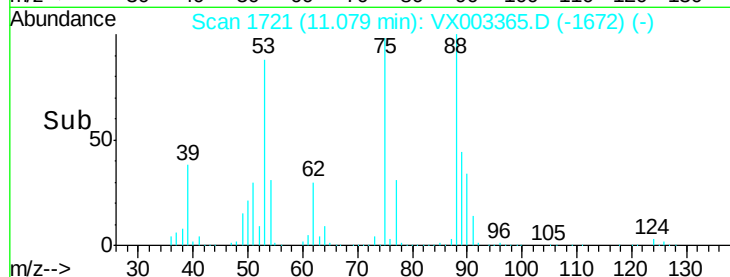
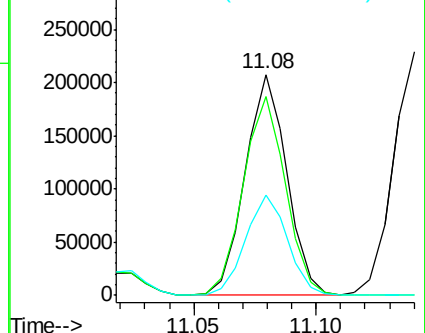
89 45.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 145.374 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003365.D

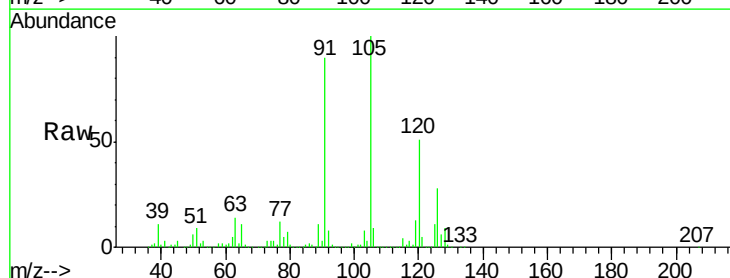
Acq: 13 Jul 2018 13:45

Tgt Ion: 91 Resp: 2006090

Ion Ratio Lower Upper

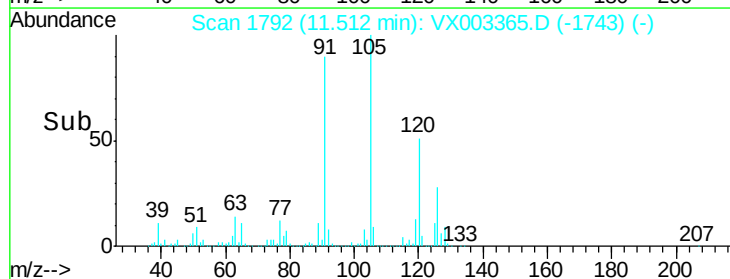
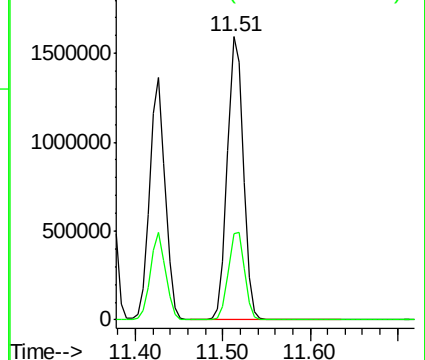
91 100

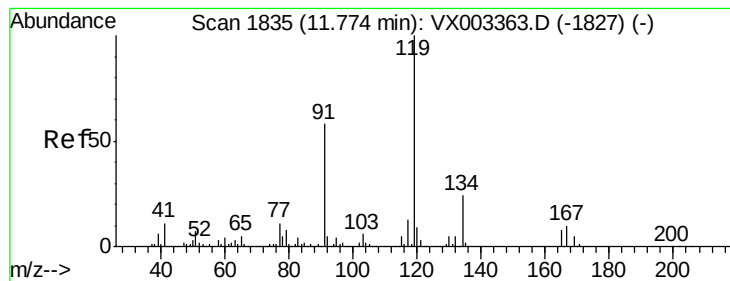
126 31.7 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 149.567 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

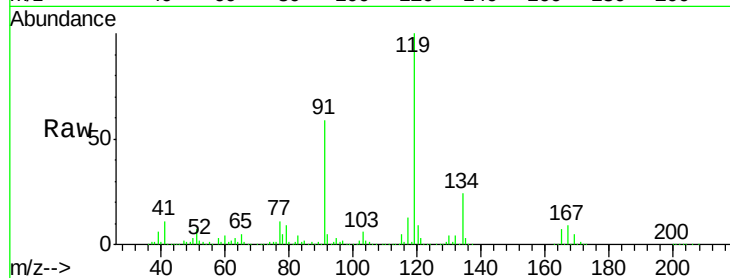
Tgt Ion:119 Resp: 2081966

Ion Ratio Lower Upper

119 100

91 56.9 30.3 90.9

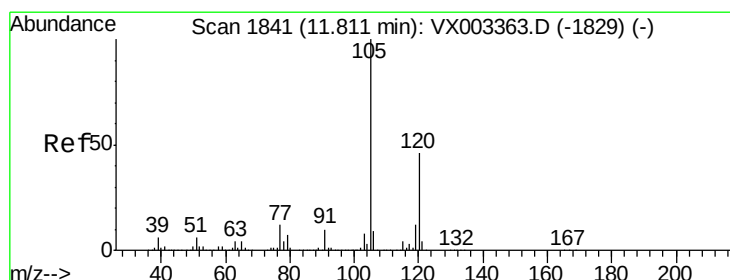
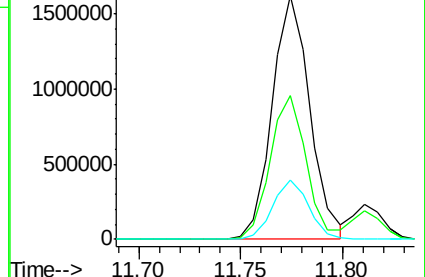
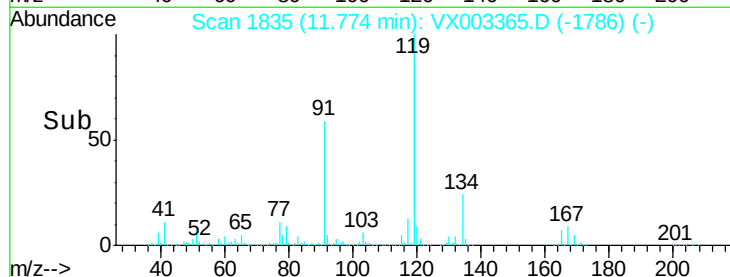
134 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 149.907 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003365.D

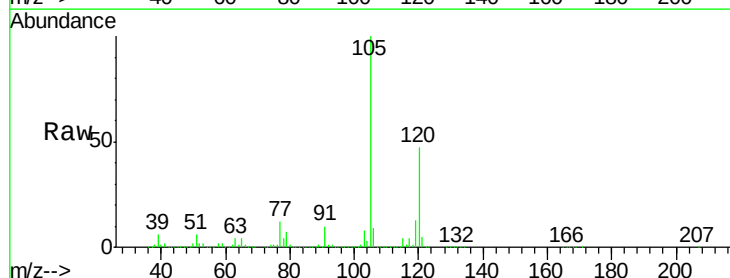
Acq: 13 Jul 2018 13:45

Tgt Ion:105 Resp: 2138036

Ion Ratio Lower Upper

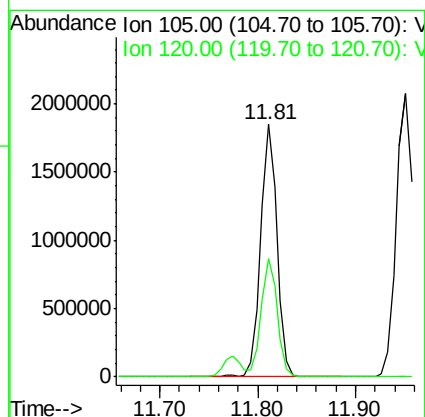
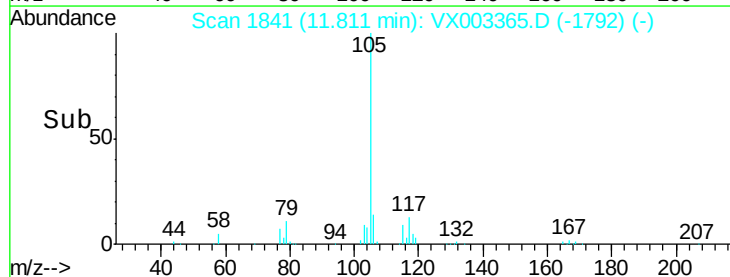
105 100

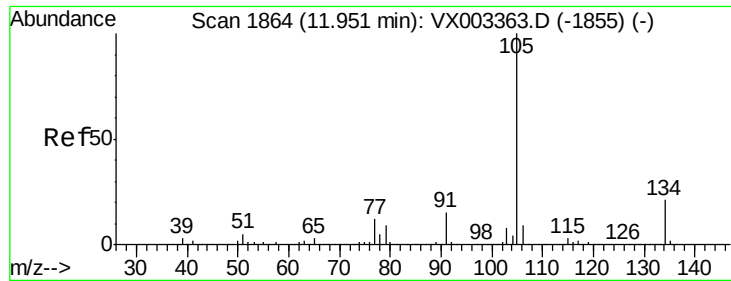
120 46.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 149.105 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

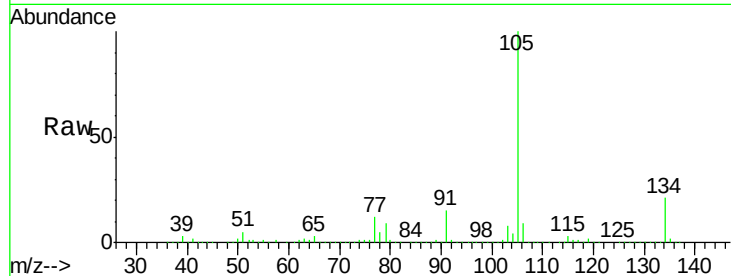
VSTDIC150

Tgt Ion:105 Resp: 2480688

Ion Ratio Lower Upper

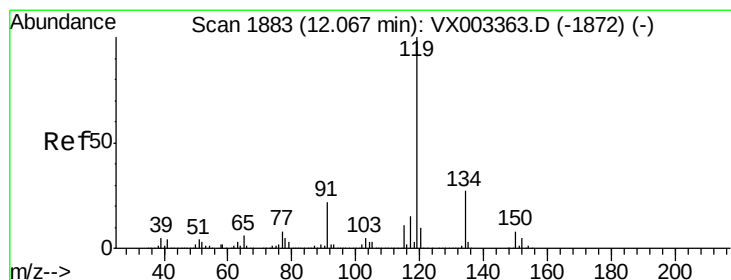
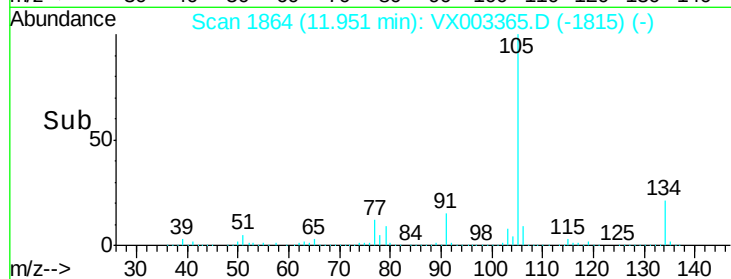
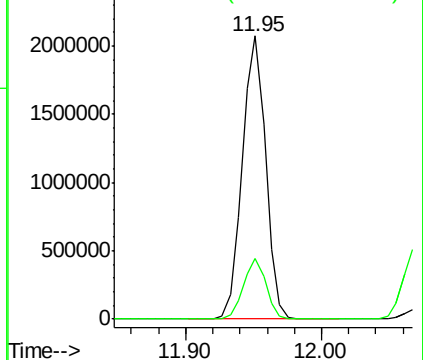
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.265 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

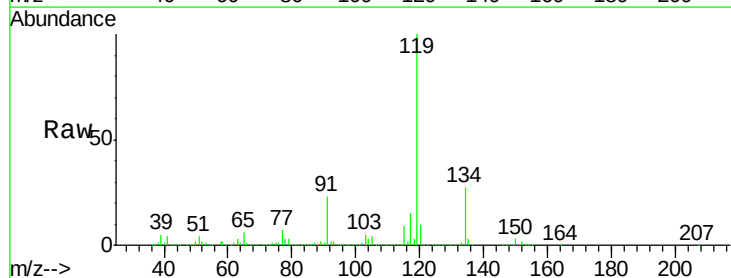
Tgt Ion:119 Resp: 2236595

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

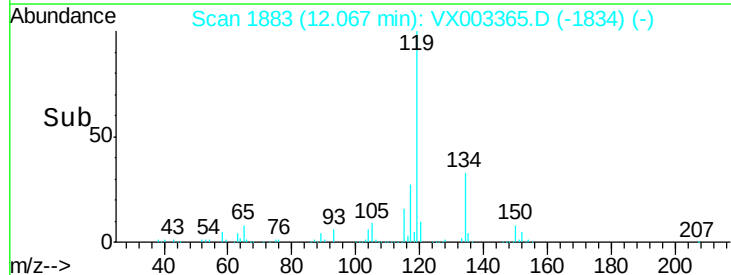
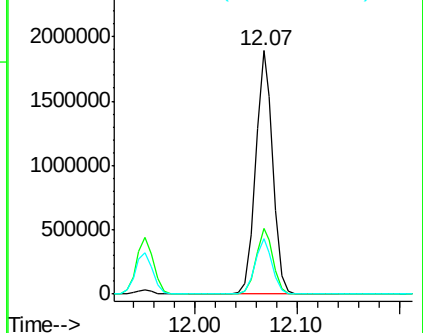
91 22.5 11.9 35.7

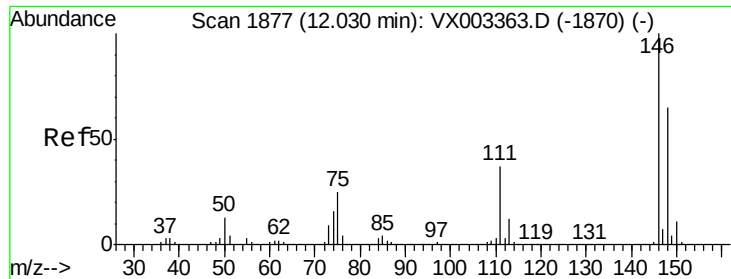


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

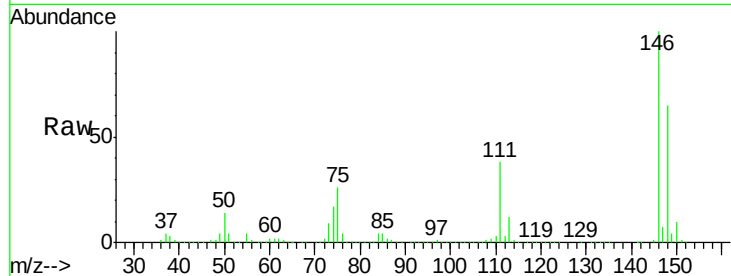




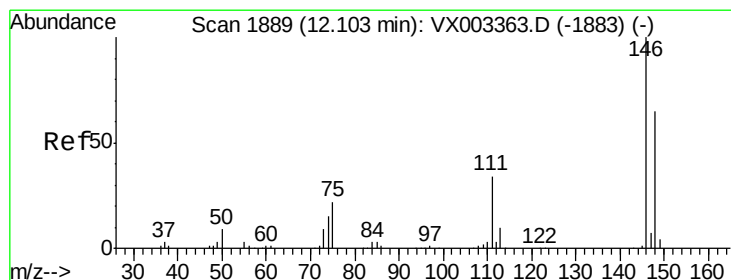
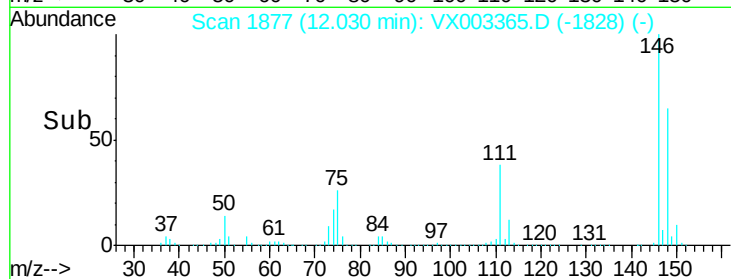
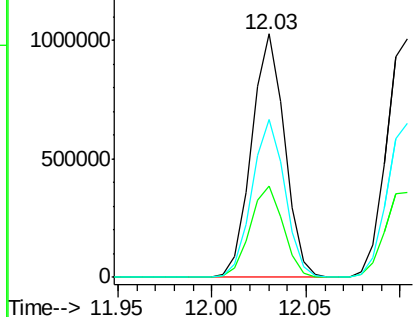
#87
 1,3-Dichlorobenzene
 Concen: 139.219 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion:146 Resp: 1246034
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 64.5 32.1 96.3

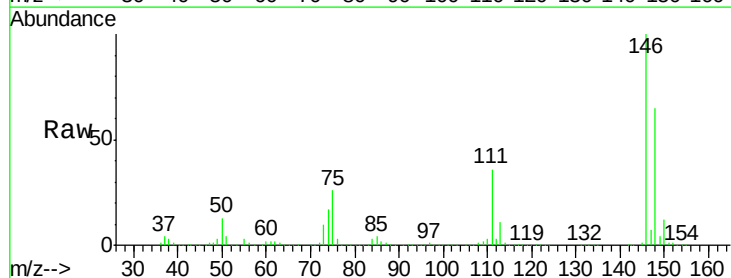


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

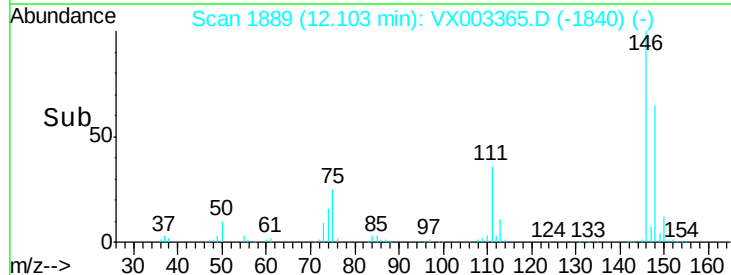
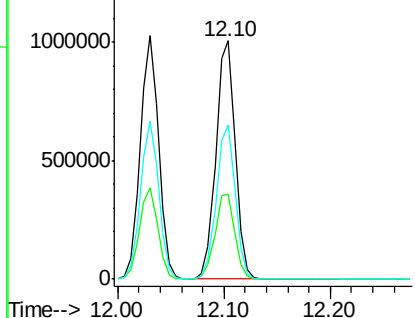


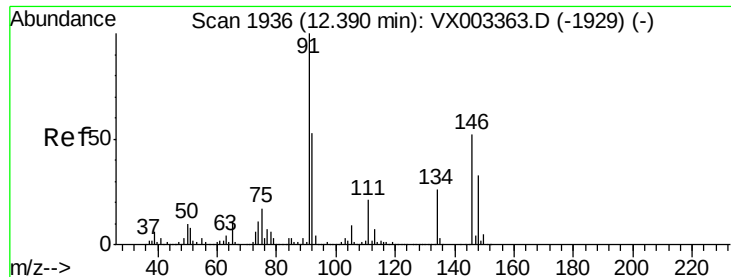
#88
 1,4-Dichlorobenzene
 Concen: 138.298 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion:146 Resp: 1256776
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 155.515 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

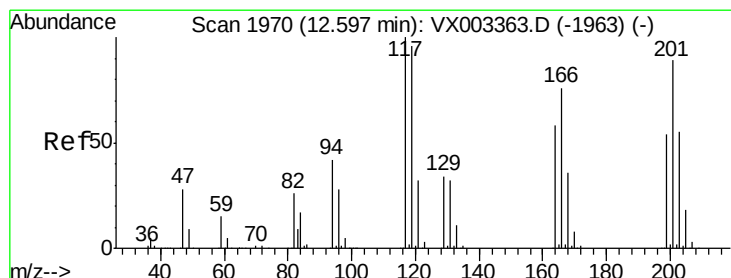
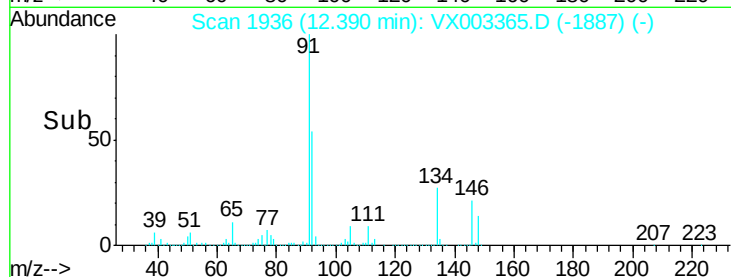
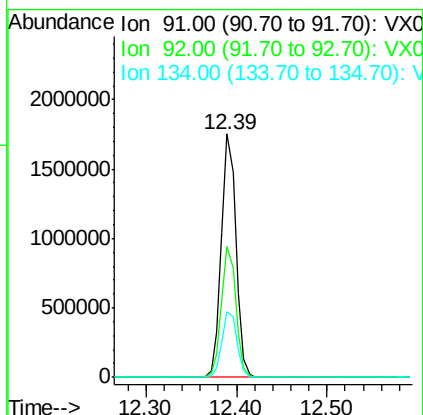
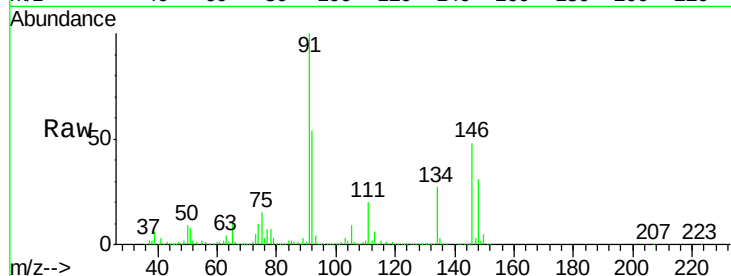
Tgt Ion: 91 Resp: 1980721

Ion Ratio Lower Upper

91 100

92 53.2 26.0 78.0

134 27.6 13.5 40.5



#90

Hexachloroethane

Concen: 169.039 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003365.D

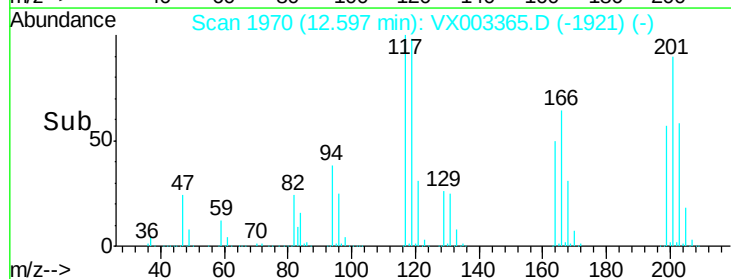
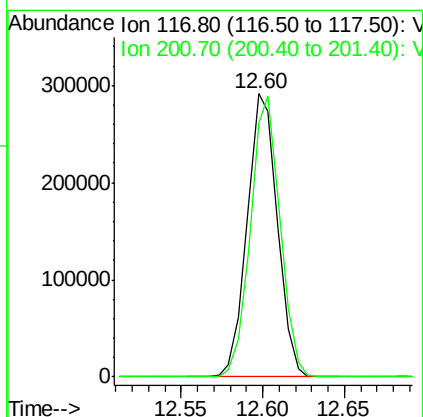
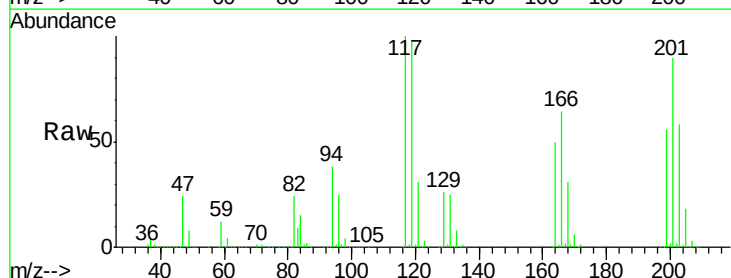
Acq: 13 Jul 2018 13:45

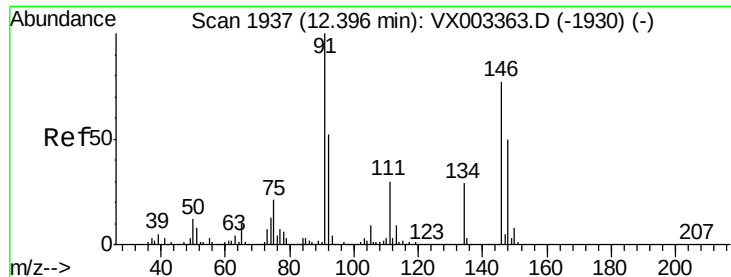
Tgt Ion: 117 Resp: 377147

Ion Ratio Lower Upper

117 100

201 96.8 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 141.535 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

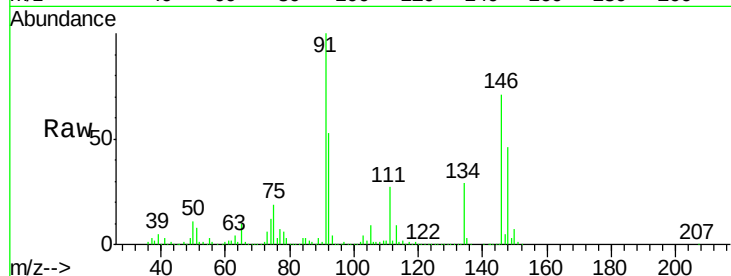
Tgt Ion:146 Resp: 1267729

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

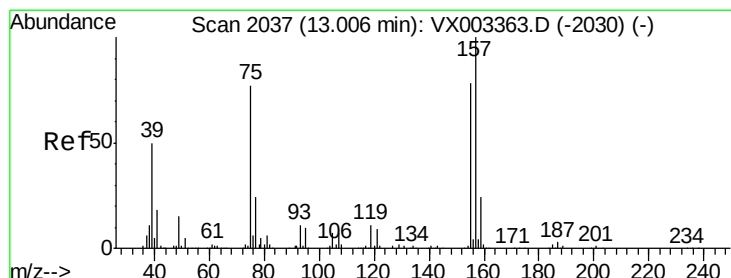
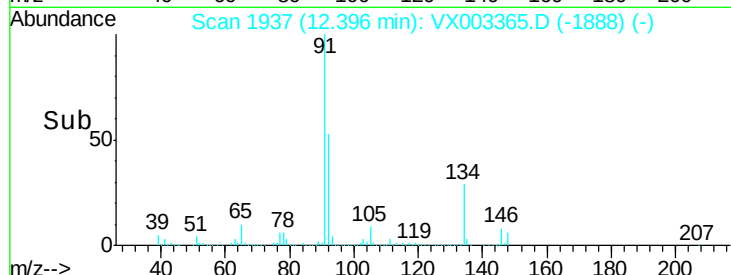
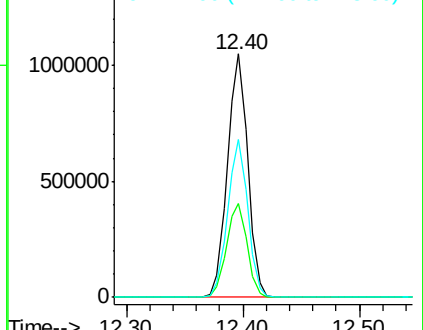
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 156.957 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003365.D

Acq: 13 Jul 2018 13:45

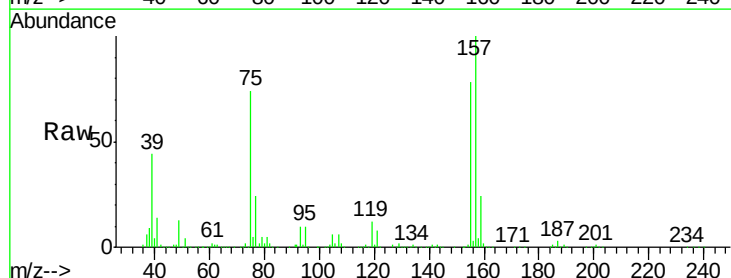
Tgt Ion: 75 Resp: 172376

Ion Ratio Lower Upper

75 100

155 99.1 45.8 137.4

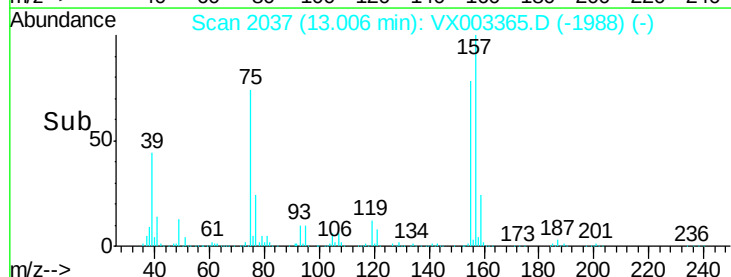
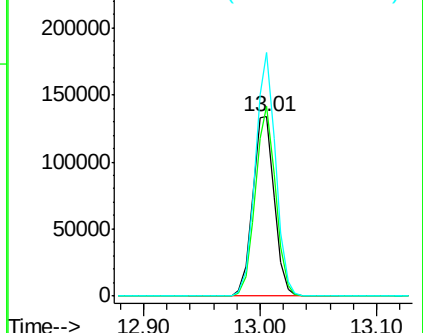
157 127.4 60.1 180.3

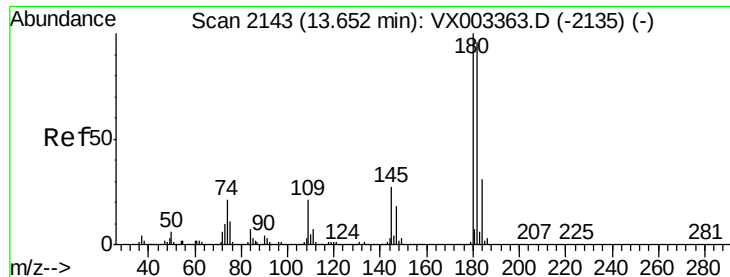


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

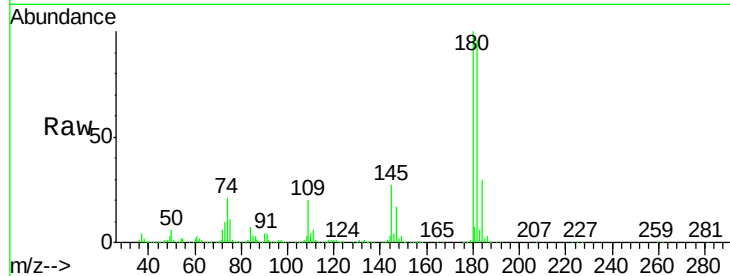




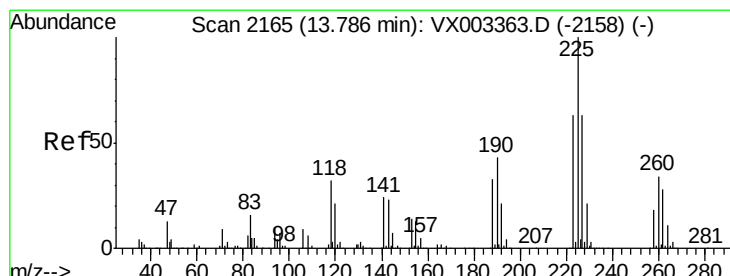
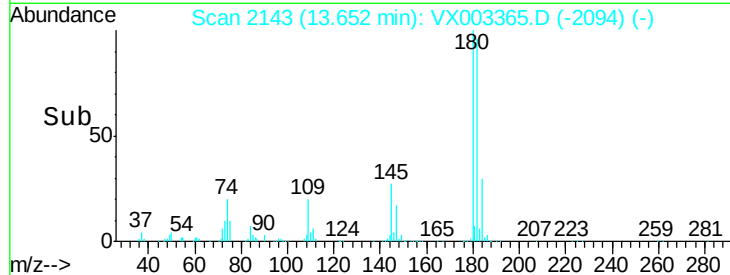
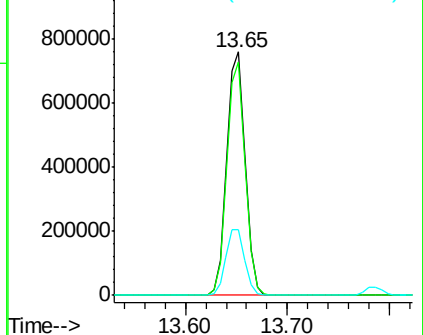
#93
 1,2,4-Trichlorobenzene
 Concen: 153.709 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 941870
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 28.0 14.1 42.4

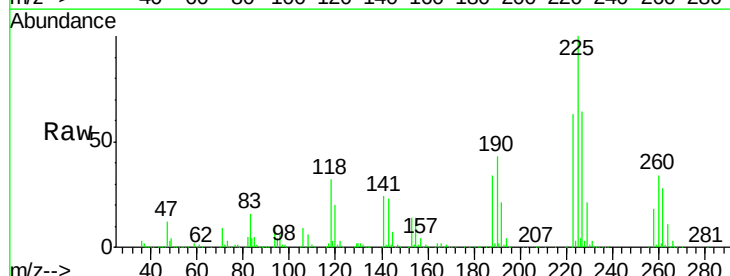


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

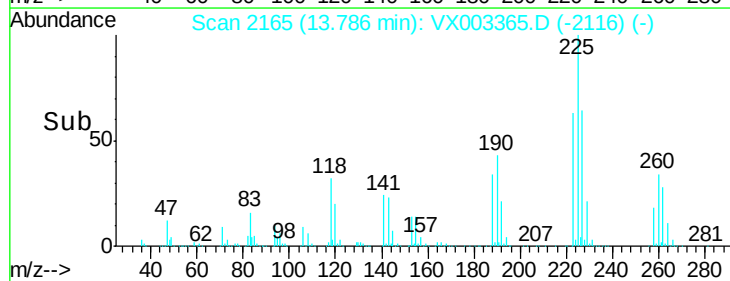
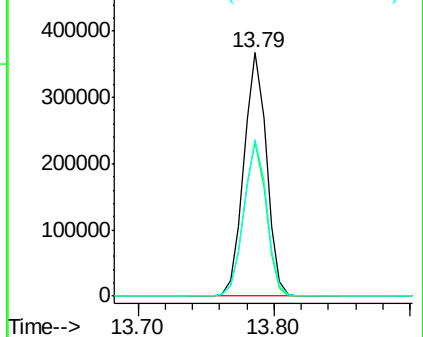


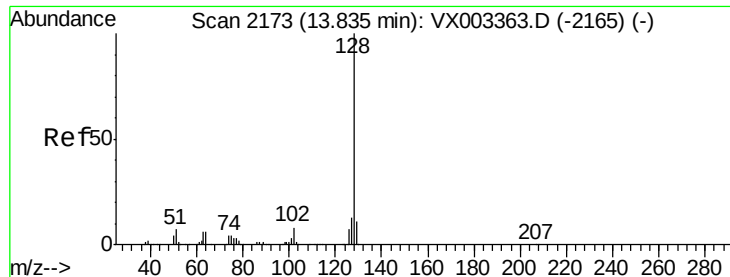
#94
 Hexachlorobutadiene
 Concen: 147.953 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003365.D
 Acq: 13 Jul 2018 13:45

Tgt Ion:225 Resp: 427788
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.9 32.4 97.2



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

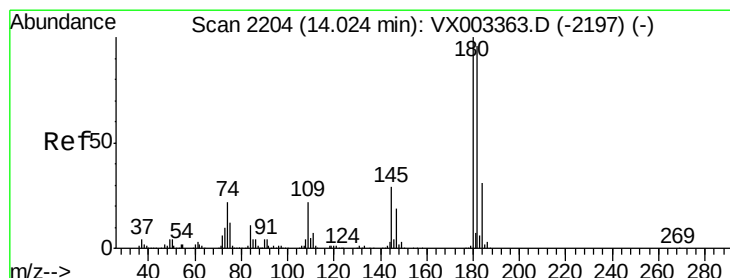
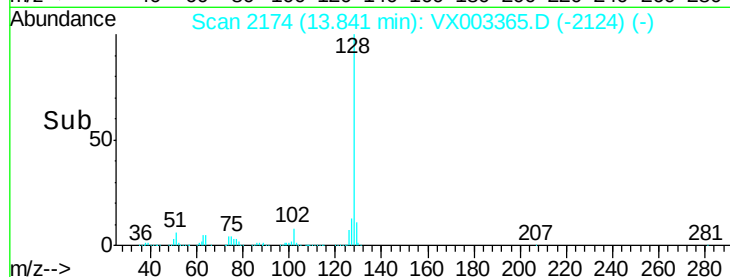
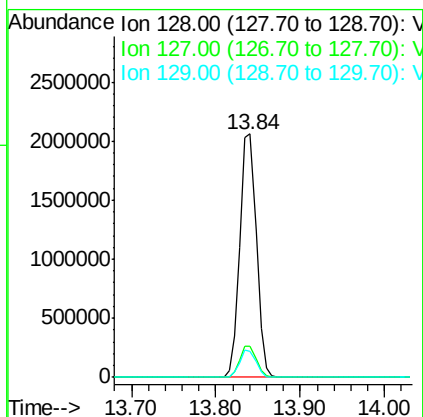
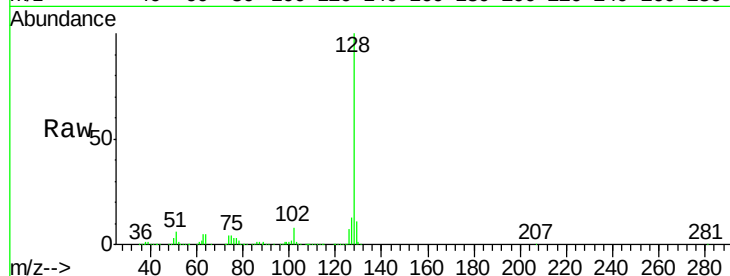




#95
Naphthalene
Concen: 156.822 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2693345
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 153.404 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003365.D
Acq: 13 Jul 2018 13:45

Tgt Ion:180 Resp: 948694
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.0
145 29.6 14.8 44.3

