

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032519\
 Data File : VX008414.D
 Acq On : 25 Mar 2019 15:40
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 26 04:22:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159725	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	460792	146.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.78%	
35) Dibromofluoromethane	5.50	113	346670	148.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.72%	
50) Toluene-d8	8.72	98	1391856	150.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.68%	
62) 4-Bromofluorobenzene	11.14	95	526269	153.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	337071	143.836	ug/l	99
3) Chloromethane	1.32	50	465752	134.793	ug/l	100
4) Vinyl Chloride	1.41	62	473667	139.769	ug/l	99
5) Bromomethane	1.64	94	285053	137.163	ug/l	99
6) Chloroethane	1.70	64	282098	140.434	ug/l	98
7) Trichlorofluoromethane	1.91	101	538223	140.048	ug/l	98
8) Diethyl Ether	2.19	74	254875	138.184	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	329600	144.350	ug/l	100
10) Methyl Iodide	2.50	142	366567	133.081	ug/l	99
11) Tert butyl alcohol	3.08	59	510638	723.126	ug/l	100
12) 1,1-Dichloroethene	2.36	96	339077	143.347	ug/l	97
13) Acrolein	2.29	56	363510	632.082	ug/l	100
14) Allyl chloride	2.72	41	773340	148.295	ug/l	99
15) Acrylonitrile	3.15	53	1301336	724.008	ug/l	100
16) Acetone	2.45	43	1134098	715.537	ug/l	98
17) Carbon Disulfide	2.56	76	1041830	138.134	ug/l	99
18) Methyl Acetate	2.78	43	551396	139.980	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1272673	149.567	ug/l	98
20) Methylene Chloride	2.85	84	402045	140.847	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	363648	142.484	ug/l	98
22) Diisopropyl ether	3.86	45	1522847	149.721	ug/l	91
23) Vinyl Acetate	3.82	43	6792066	757.177	ug/l	99
24) 1,1-Dichloroethane	3.70	63	755189	145.764	ug/l	99
25) 2-Butanone	4.68	43	1914476	737.214	ug/l	100
26) 2,2-Dichloropropane	4.58	77	538573	160.246	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	425609	145.512	ug/l	99
28) Bromochloromethane	5.02	49	341426	133.943	ug/l	100
29) Tetrahydrofuran	5.13	42	1240509	722.912	ug/l	99
30) Chloroform	5.21	83	682457	146.005	ug/l	99
31) Cyclohexane	5.57	56	714153	144.011	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	573611	154.778	ug/l	99
36) 1,1-Dichloropropene	5.80	75	543606	147.958	ug/l	99
37) Ethyl Acetate	4.84	43	731763	147.782	ug/l	100
38) Carbon Tetrachloride	5.78	117	480797	152.278	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	672059	149.118	ug/l	99
40) Benzene	6.14	78	1635058	145.952	ug/l	100
41) Methacrylonitrile	5.05	41	409606	151.433	ug/l	99
42) 1,2-Dichloroethane	6.19	62	582786	143.324	ug/l	99
43) Isopropyl Acetate	6.45	43	1218155	157.556	ug/l	100
44) Trichloroethene	7.21	130	383779	147.400	ug/l	100
45) 1,2-Dichloropropane	7.51	63	468095	147.584	ug/l	99
46) Dibromomethane	7.66	93	275197	146.500	ug/l	99
47) Bromodichloromethane	7.90	83	560747	156.229	ug/l	99
48) Methyl methacrylate	7.77	41	615860	157.330	ug/l	99
49) 1,4-Dioxane	7.74	88	209026	2645.146	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	3779987	742.115	ug/l	99
52) Toluene	8.79	92	996297	151.300	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	677864	175.294	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	721348	165.103	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	410770	150.196	ug/l	99
56) Ethyl methacrylate	9.18	69	778417	160.544	ug/l	100
57) 1,3-Dichloropropane	9.37	76	733348	150.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2050873	791.740	ug/l	100
59) 2-Hexanone	9.49	43	2889309	735.209	ug/l	100
60) Dibromochloromethane	9.58	129	428691	168.685	ug/l	99
61) 1,2-Dibromoethane	9.67	107	431471	155.629	ug/l	99
64) Tetrachloroethene	9.33	164	311327	144.200	ug/l	97
65) Chlorobenzene	10.14	112	1040711	150.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	379697	157.721	ug/l	99
67) Ethyl Benzene	10.25	91	1966128	151.045	ug/l	100
68) m/p-Xylenes	10.36	106	1436080	307.075	ug/l	99
69) o-Xylene	10.70	106	698815	152.802	ug/l	99
70) Styrene	10.71	104	1236017	155.794	ug/l	100
71) Bromoform	10.86	173	324030	173.622	ug/l #	100
73) Isopropylbenzene	11.02	105	1846491	146.459	ug/l	100
74) N-amyl acetate	10.90	43	1120084	151.746	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	695098	138.744	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	828022	197.951	ug/l	80
77) Bromobenzene	11.26	156	440421	147.108	ug/l	100
78) n-propylbenzene	11.36	91	2191419	148.406	ug/l	100
79) 2-Chlorotoluene	11.42	91	1284558	142.390	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1587677	147.986	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	257330	175.796	ug/l	95
82) 4-Chlorotoluene	11.51	91	1527224	147.179	ug/l	99
83) tert-Butylbenzene	11.77	119	1546750	151.786	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1581408	147.519	ug/l	99
85) sec-Butylbenzene	11.94	105	1821881	148.639	ug/l	100
86) p-Isopropyltoluene	12.07	119	1641963	151.990	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	796735	148.307	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	798332	145.847	ug/l	100
89) n-Butylbenzene	12.39	91	1630022	158.192	ug/l	99
90) Hexachloroethane	12.60	117	296777	165.968	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	797653	146.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	158232	148.439	ug/l	99

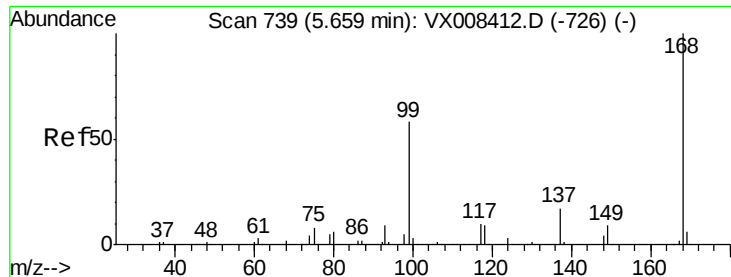
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	560225	151.971	ug/l	100
94) Hexachlorobutadiene	13.78	225	265550	152.579	ug/l	100
95) Naphthalene	13.83	128	1870376	145.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	552662	149.258	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

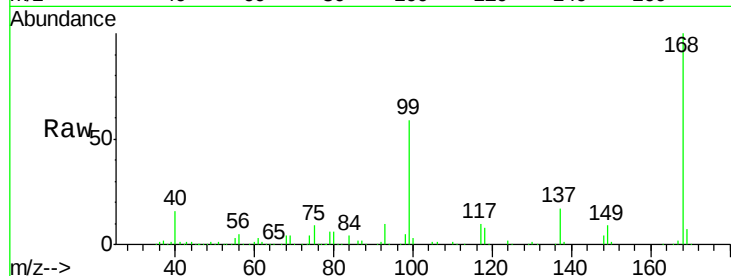
VSTDIC150

Tgt Ion:168 Resp: 208049

Ion Ratio Lower Upper

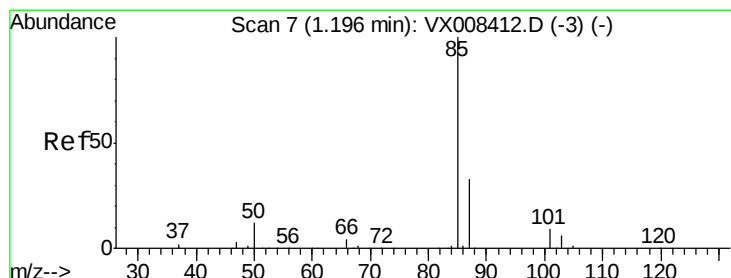
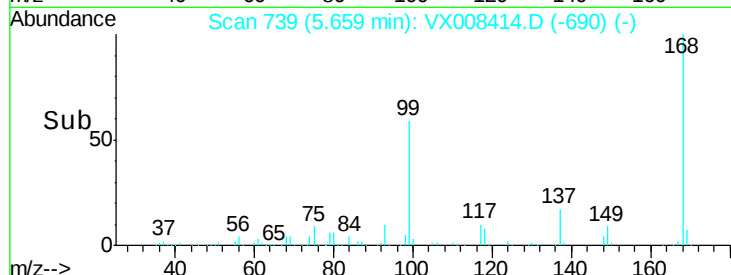
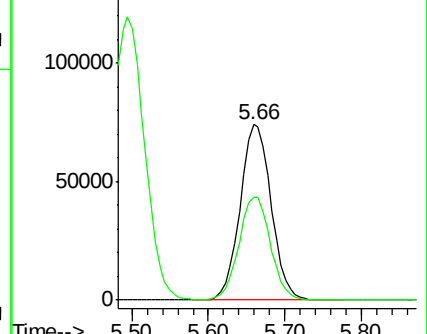
168 100

99 58.6 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 143.836 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008414.D

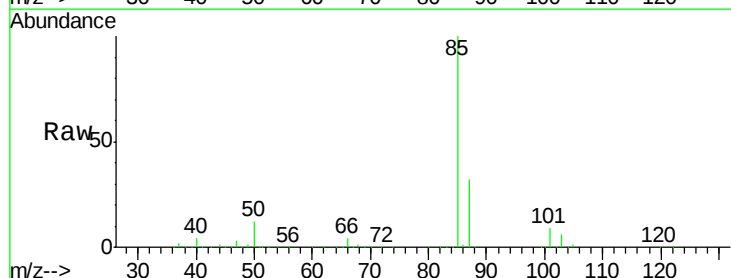
Acq: 25 Mar 2019 15:40

Tgt Ion: 85 Resp: 337071

Ion Ratio Lower Upper

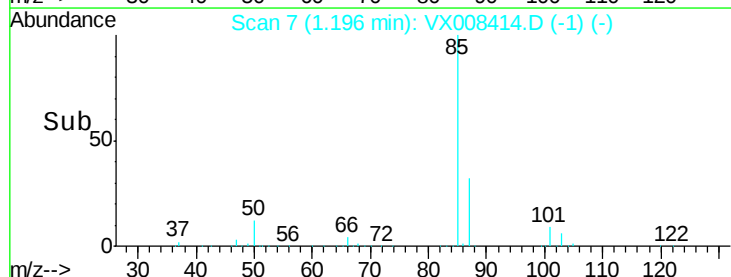
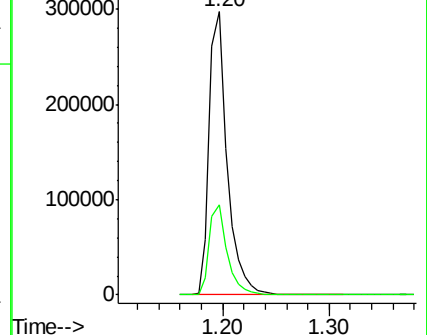
85 100

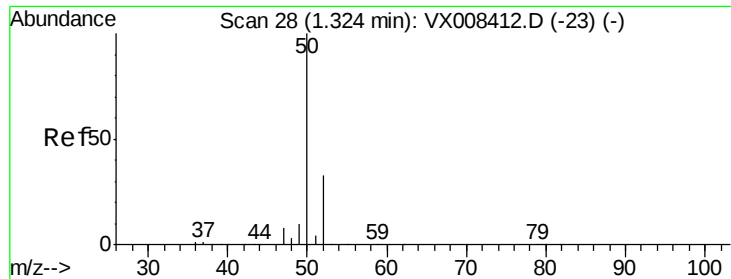
87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 134.793 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

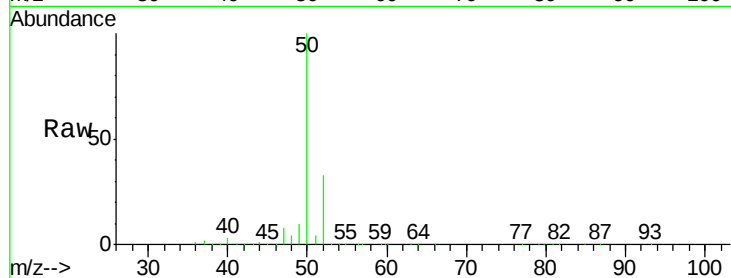
VSTDIC150

Tgt Ion: 50 Resp: 465752

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400000

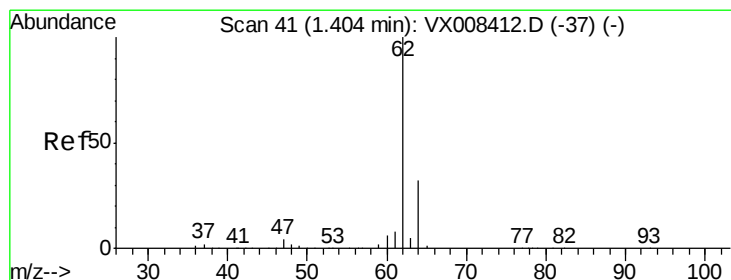
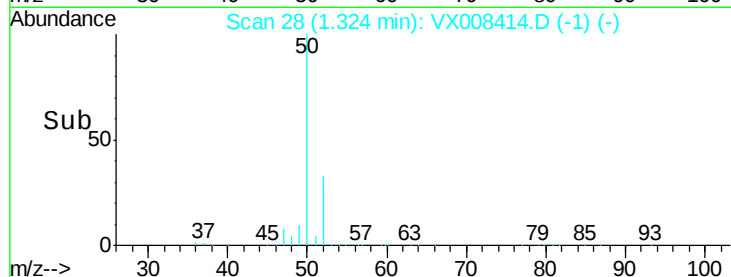
300000

200000

100000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 139.769 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008414.D

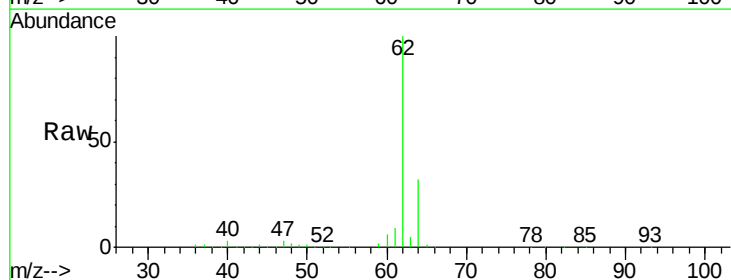
Acq: 25 Mar 2019 15:40

Tgt Ion: 62 Resp: 473667

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

400000

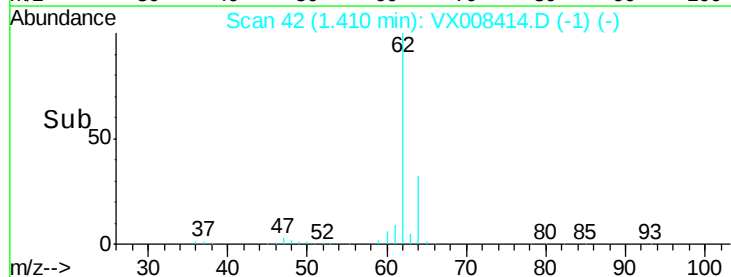
300000

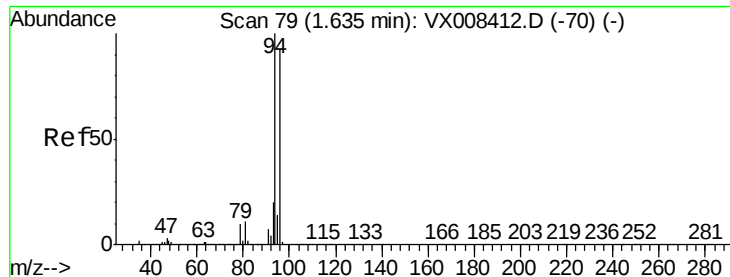
200000

100000

0

Time--> 1.30 1.40 1.50 1.60





#5

Bromomethane

Concen: 137.163 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

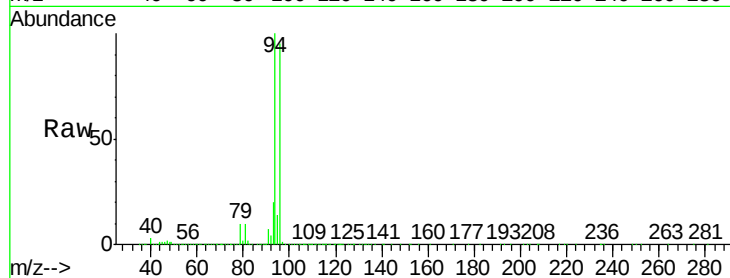
VSTDIC150

Tgt Ion: 94 Resp: 285053

Ion Ratio Lower Upper

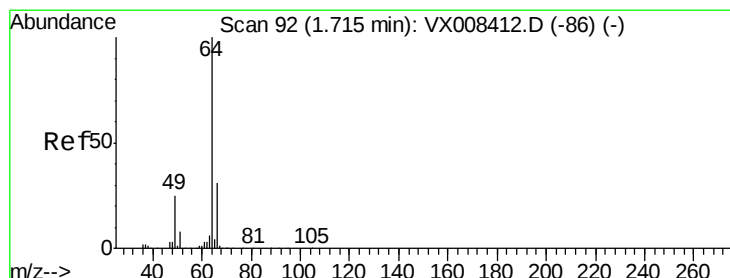
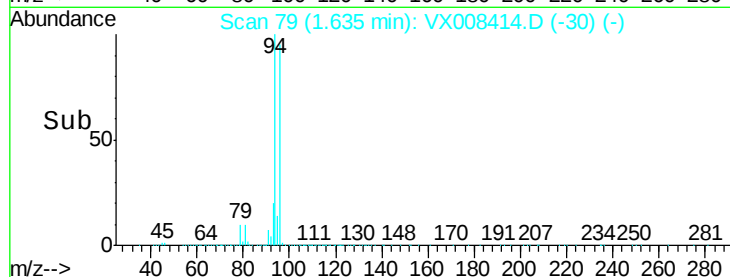
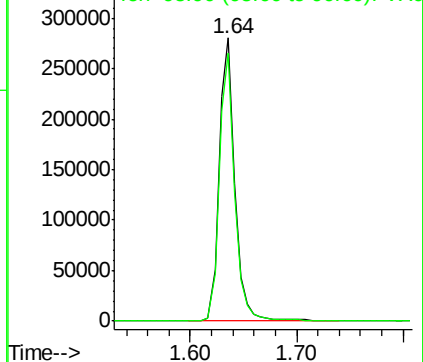
94 100

96 94.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 140.434 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX008414.D

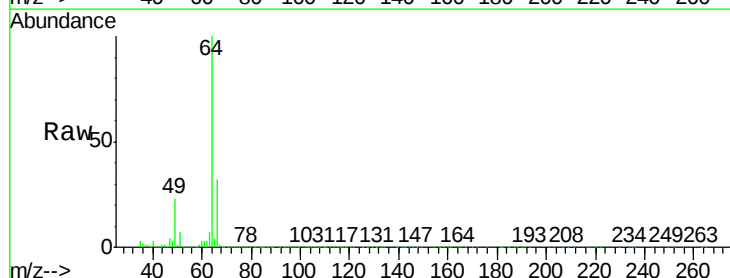
Acq: 25 Mar 2019 15:40

Tgt Ion: 64 Resp: 282098

Ion Ratio Lower Upper

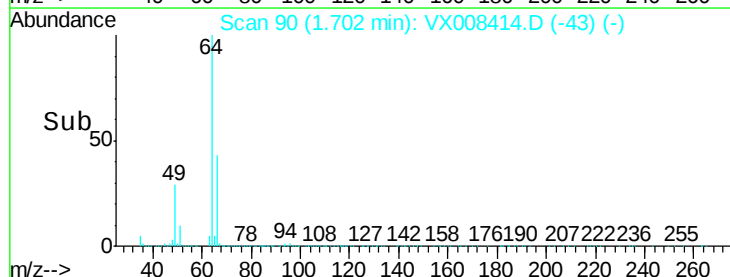
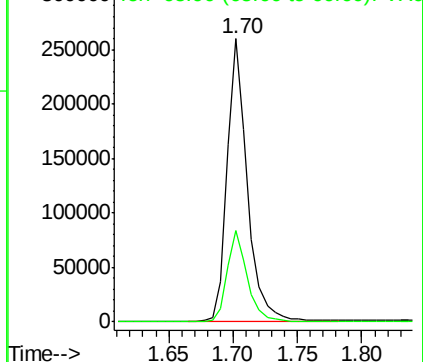
64 100

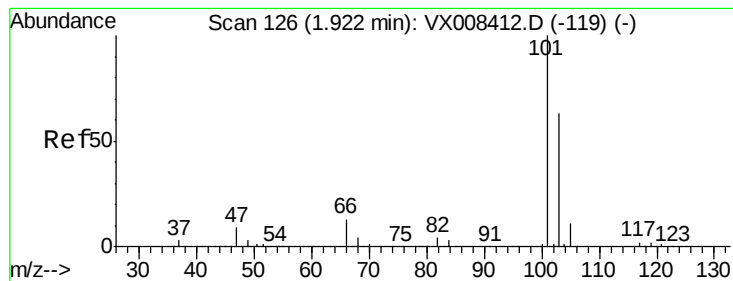
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



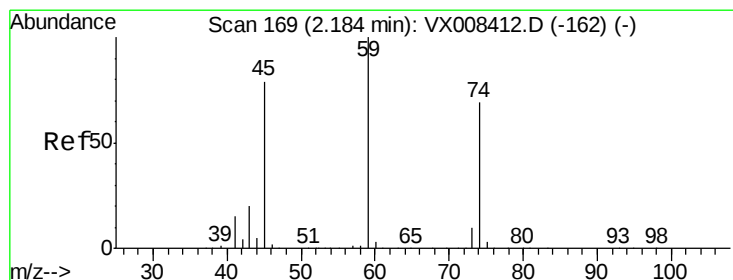
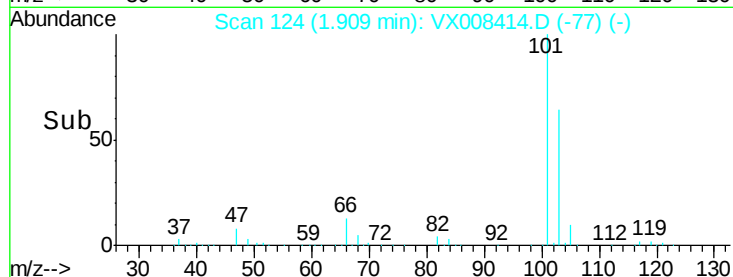
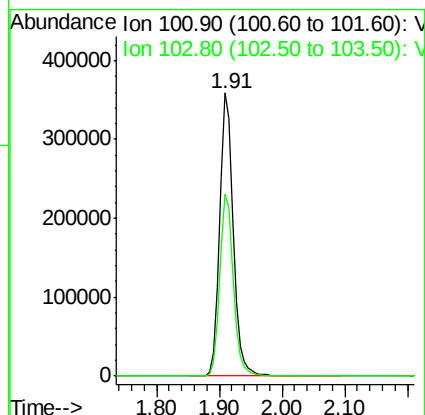
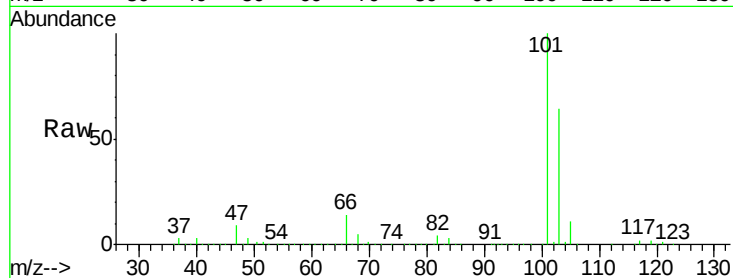


#7

Trichlorofluoromethane
 Concen: 140.048 ug/l
 RT: 1.91 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Instrument :
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 VSTDIC150

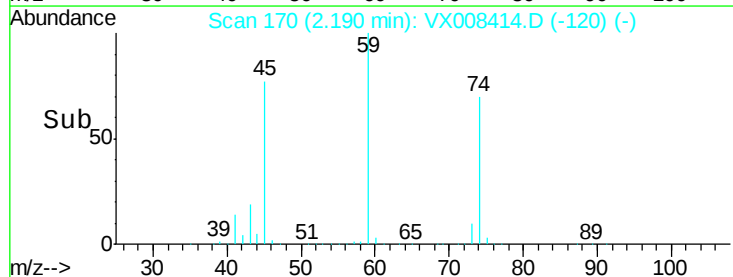
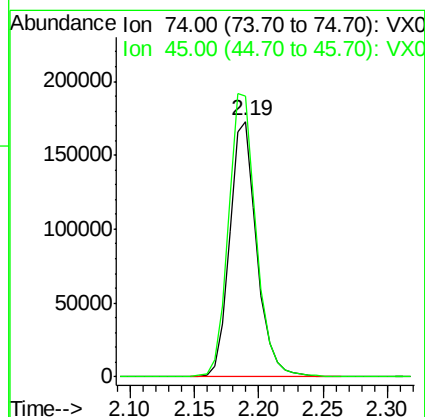
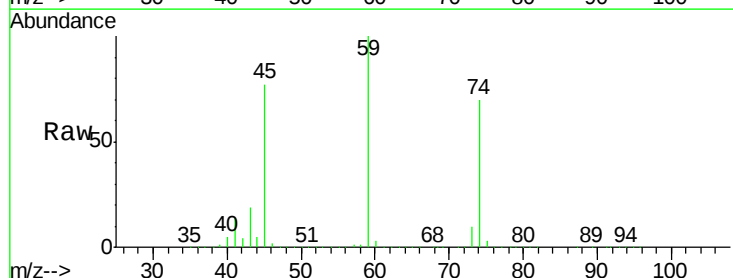
Tgt Ion: 101 Resp: 538223
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.2 75.4

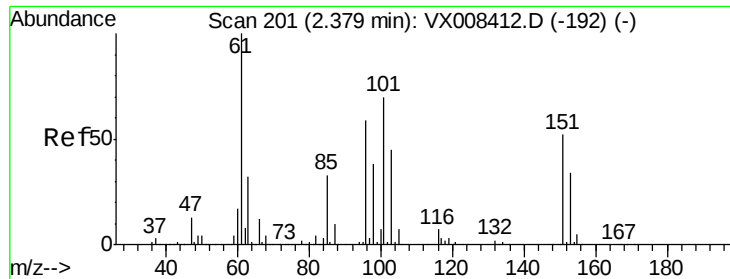


#8

Diethyl Ether
 Concen: 138.184 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 74 Resp: 254875
 Ion Ratio Lower Upper
 74 100
 45 114.0 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.350 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

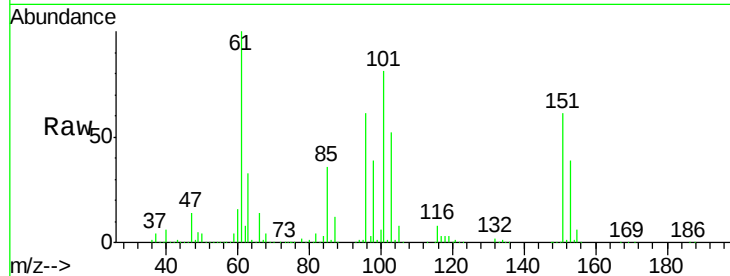
Tgt Ion:101 Resp: 329600

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

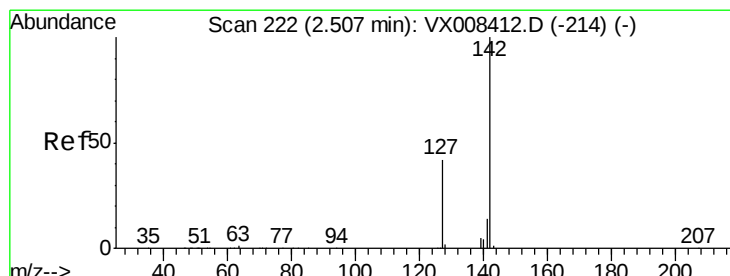
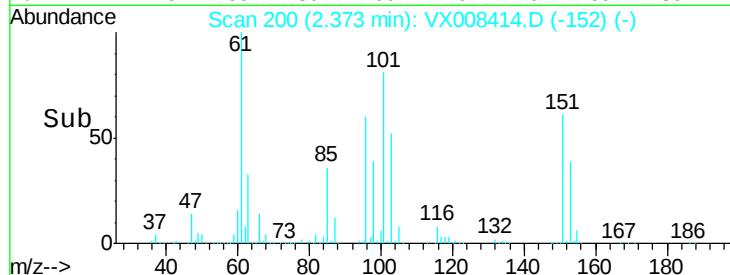
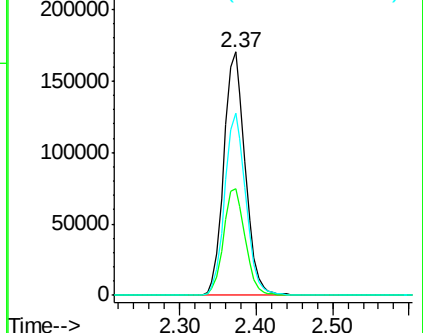
151 74.0 59.2 88.8



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: 133.081 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

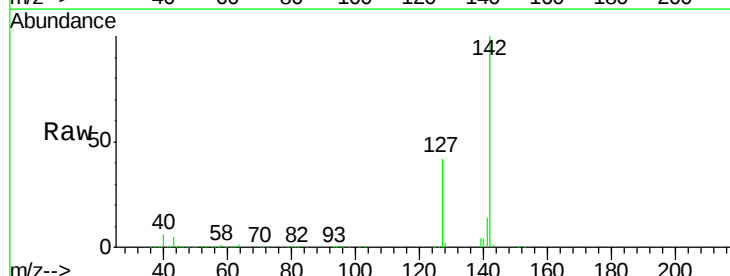
Tgt Ion:142 Resp: 366567

Ion Ratio Lower Upper

142 100

127 42.5 33.6 50.4

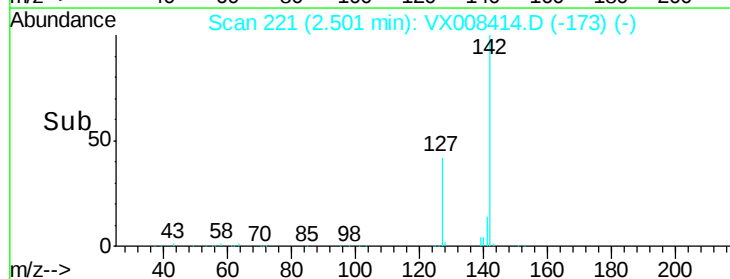
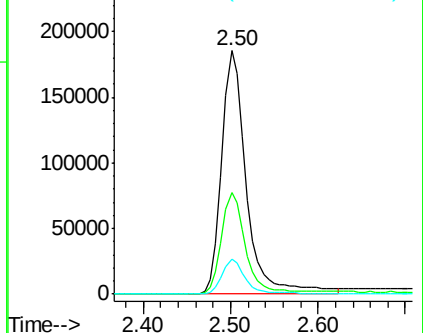
141 13.6 11.3 16.9

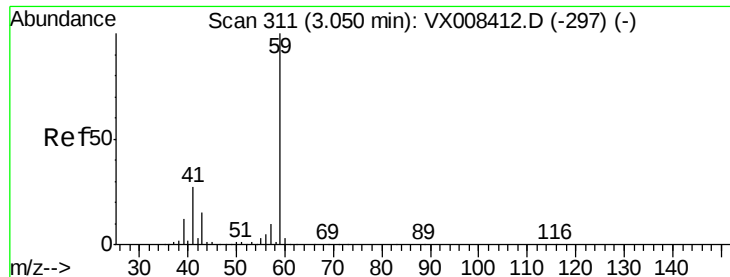


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

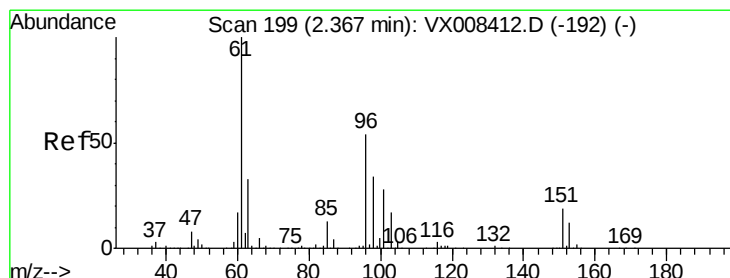
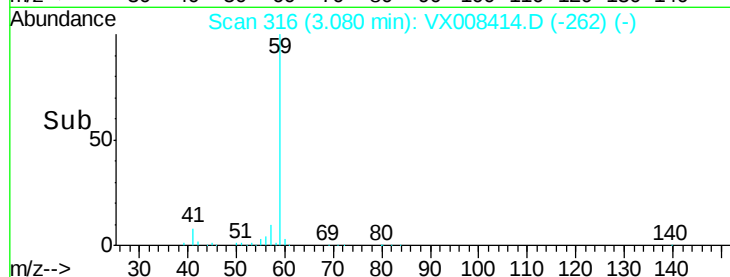
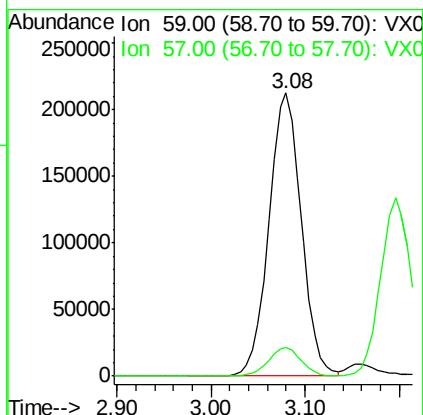
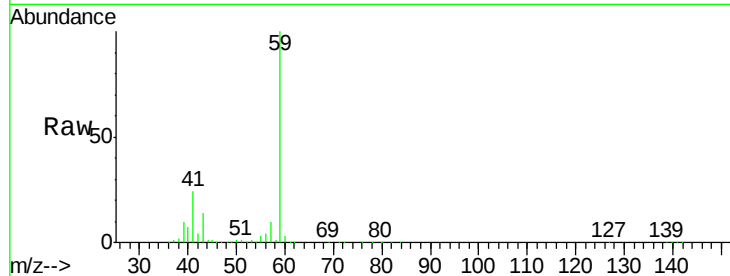




#11
Tert butyl alcohol
Concen: 723.126 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.03 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

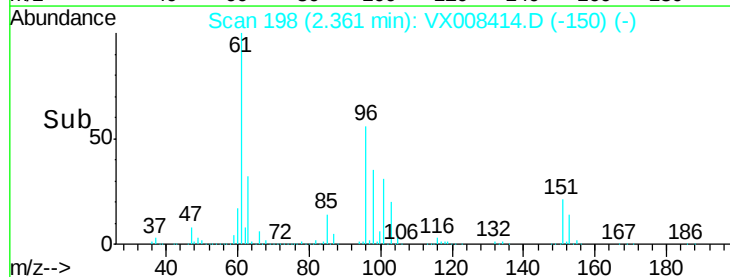
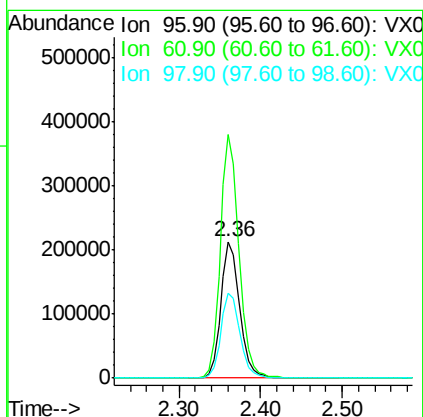
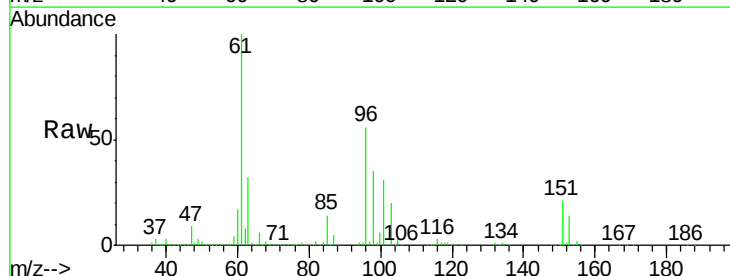
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

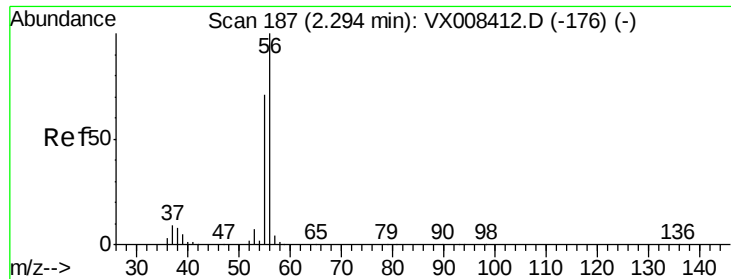
Tgt Ion: 59 Resp: 510638
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 143.347 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 96 Resp: 339077
Ion Ratio Lower Upper
96 100
61 178.6 146.9 220.3
98 62.4 50.1 75.1

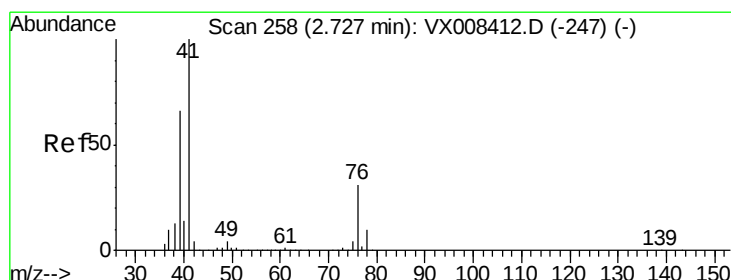
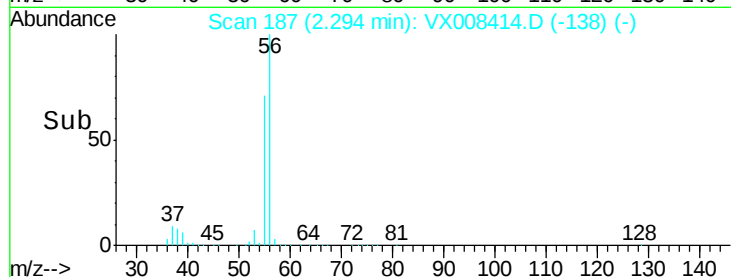
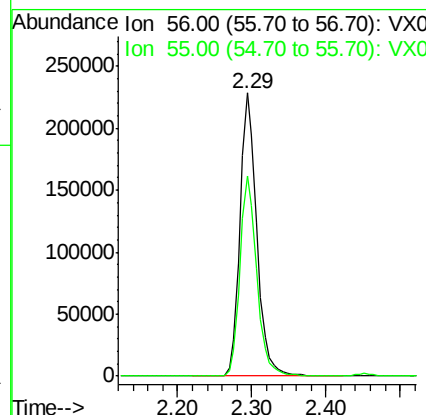
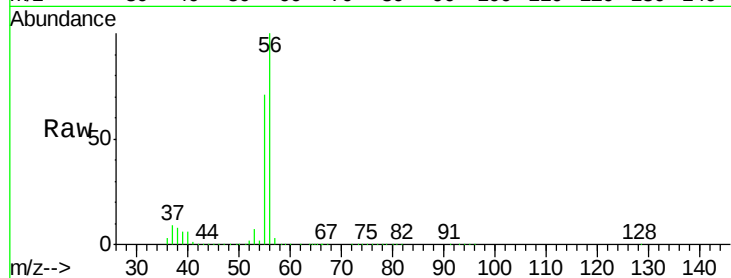




#13
Acrolein
Concen: 632.082 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

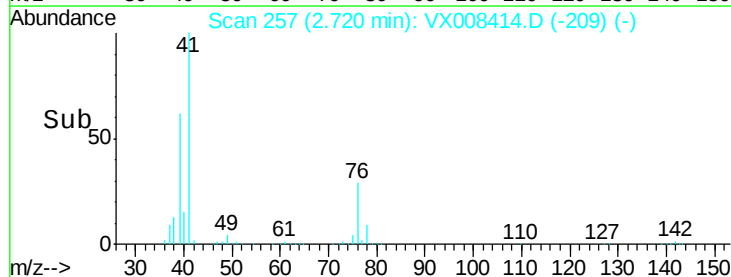
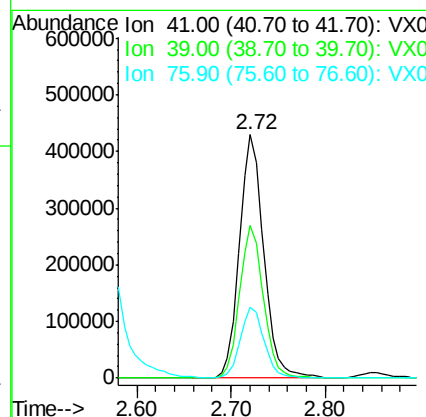
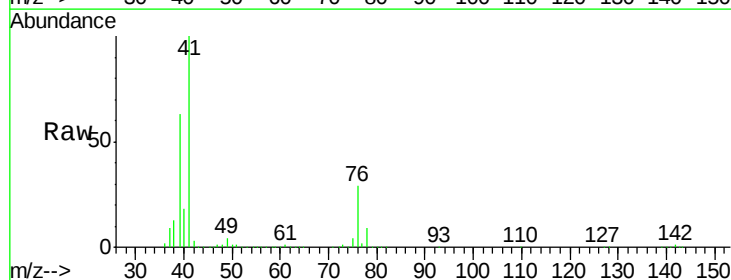
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 363510
Ion Ratio Lower Upper
56 100
55 71.0 56.5 84.7



#14
Allyl chloride
Concen: 148.295 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 41 Resp: 773340
Ion Ratio Lower Upper
41 100
39 61.4 49.6 74.4
76 28.5 22.6 34.0

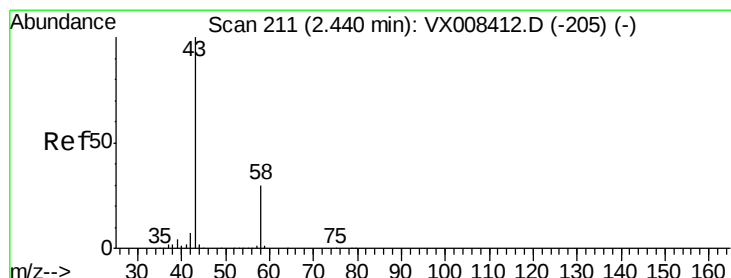
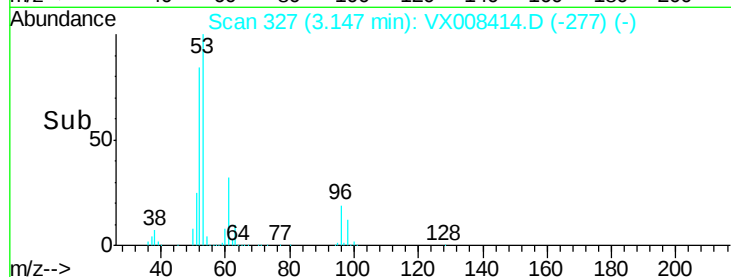
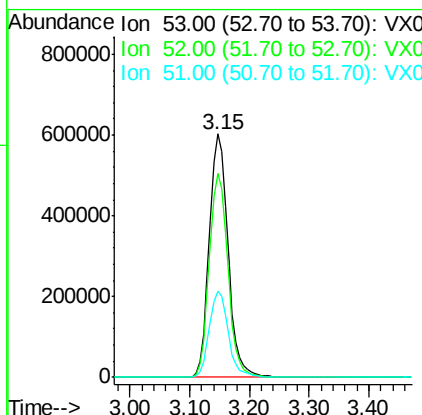
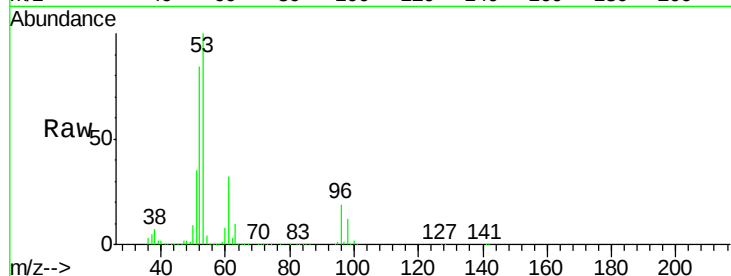




#15
 Acrylonitrile
 Concen: 724.008 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

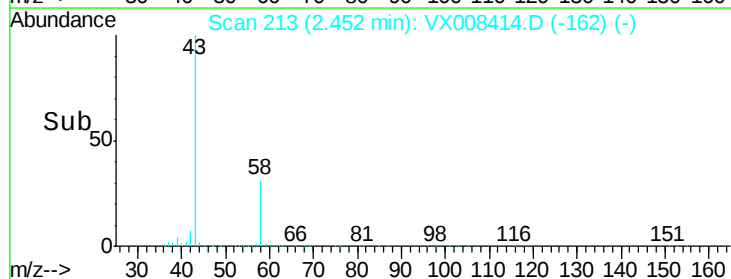
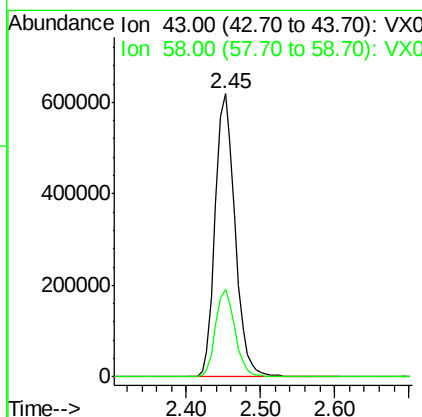
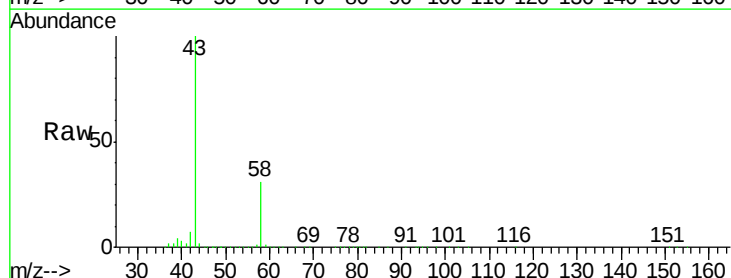
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

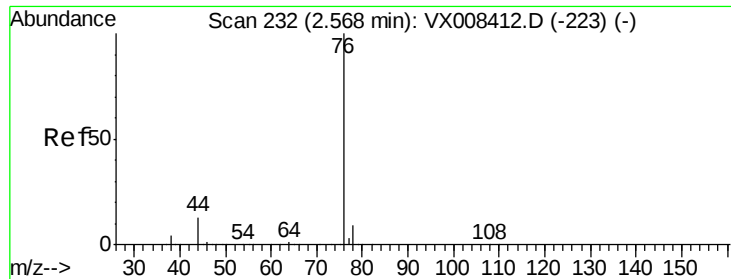
Tgt Ion: 53 Resp: 1301336
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.5 99.7
 51 35.7 28.3 42.5



#16
 Acetone
 Concen: 715.537 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 43 Resp: 1134098
 Ion Ratio Lower Upper
 43 100
 58 31.1 24.2 36.2

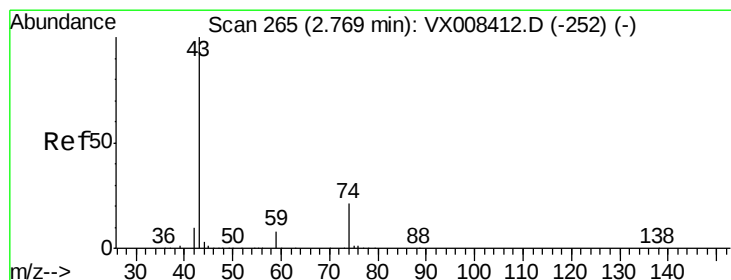
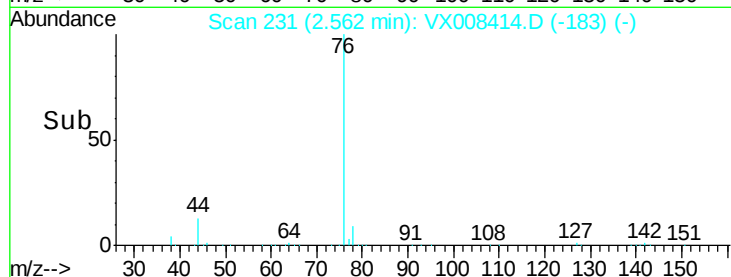
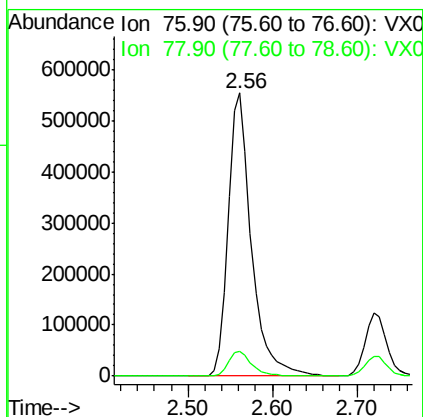
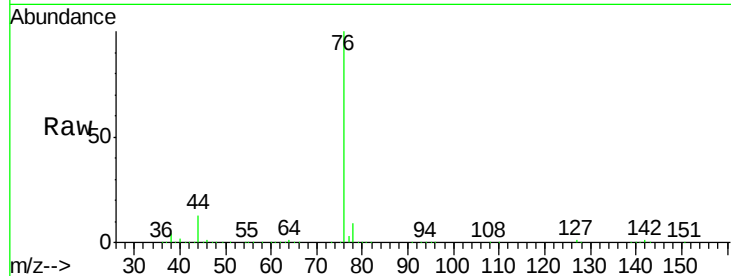




#17
Carbon Disulfide
Concen: 138.134 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

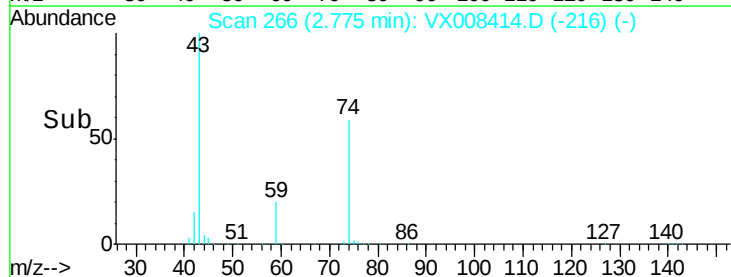
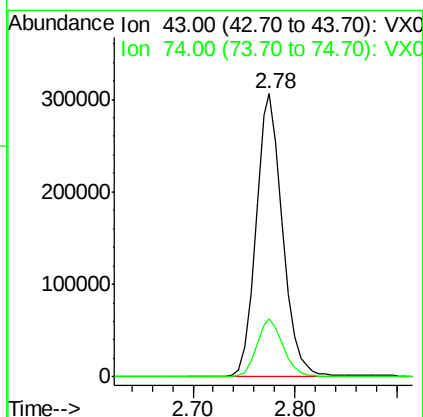
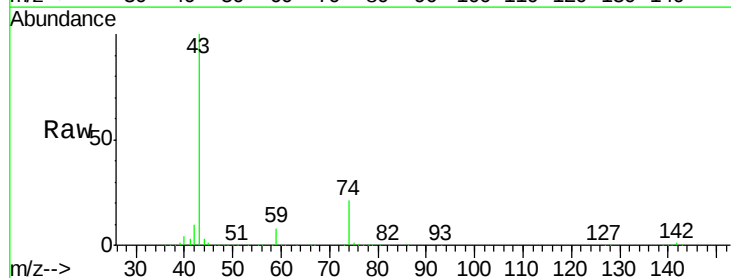
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

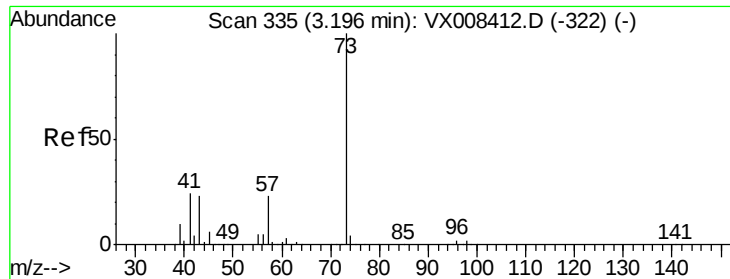
Tgt Ion: 76 Resp: 1041830
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 139.980 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 43 Resp: 551396
Ion Ratio Lower Upper
43 100
74 20.5 16.7 25.1



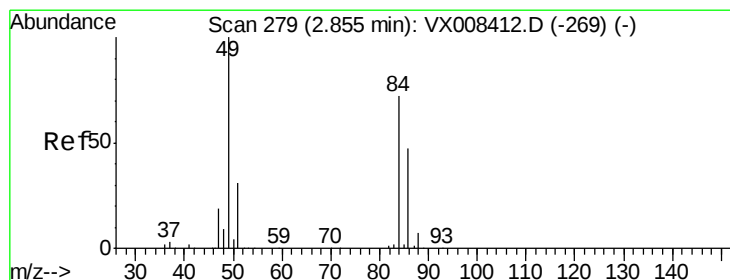
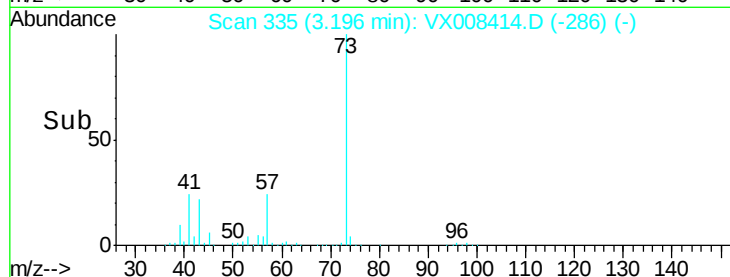
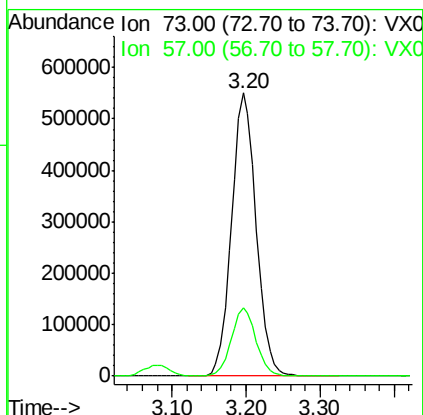
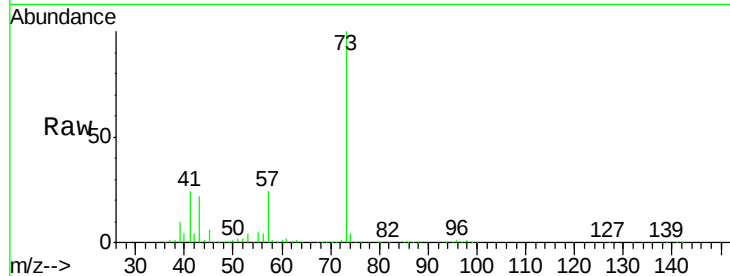


#19

Methyl tert-butyl Ether
 Concen: 149.567 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

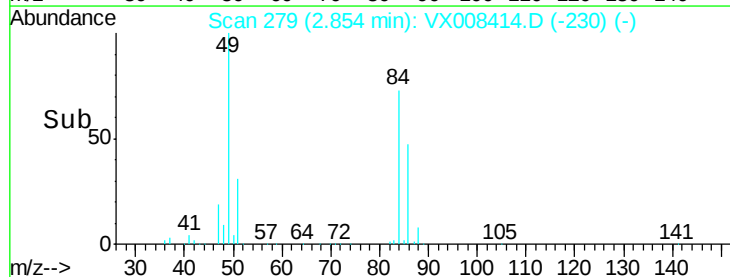
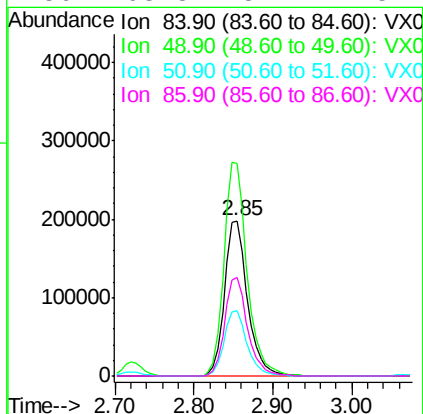
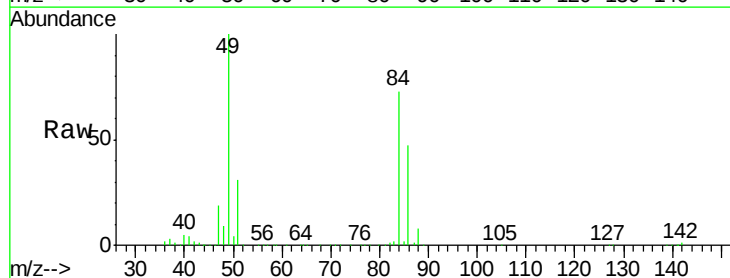
Tgt Ion: 73 Resp: 1272673
 Ion Ratio Lower Upper
 73 100
 57 24.3 18.6 28.0

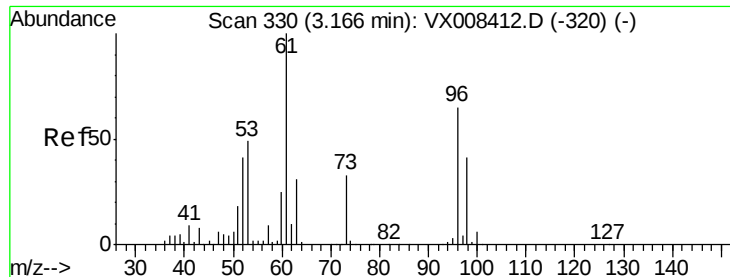


#20

Methylene Chloride
 Concen: 140.847 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 84 Resp: 402045
 Ion Ratio Lower Upper
 84 100
 49 136.7 110.6 165.8
 51 41.7 33.9 50.9
 86 63.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 142.484 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

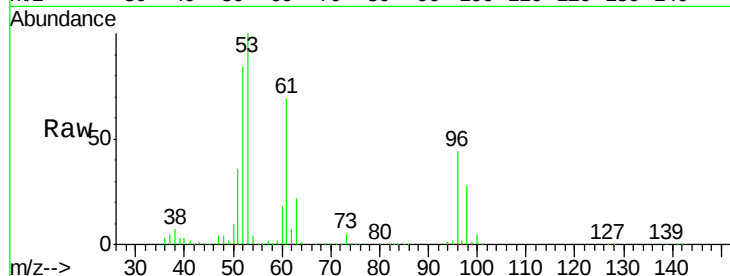
Tgt Ion: 96 Resp: 363648

Ion Ratio Lower Upper

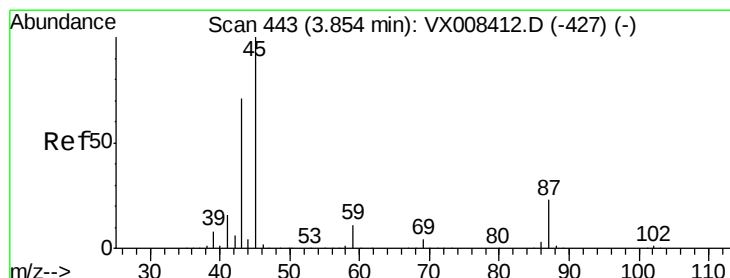
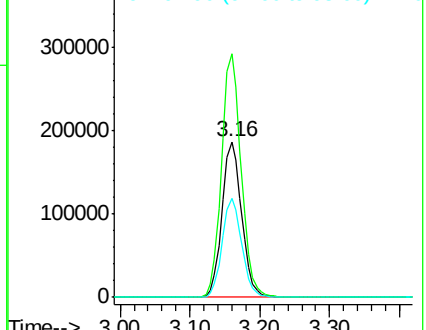
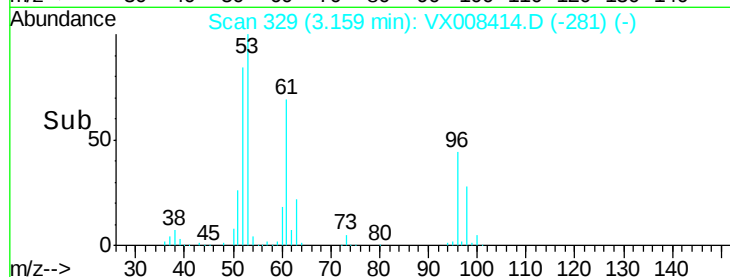
96 100

61 156.3 122.6 184.0

98 63.9 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 149.721 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Tgt Ion: 45 Resp: 1522847

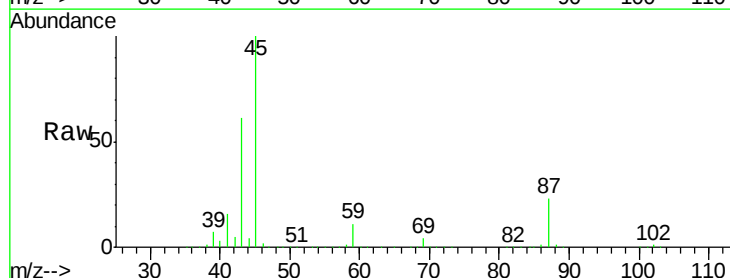
Ion Ratio Lower Upper

45 100

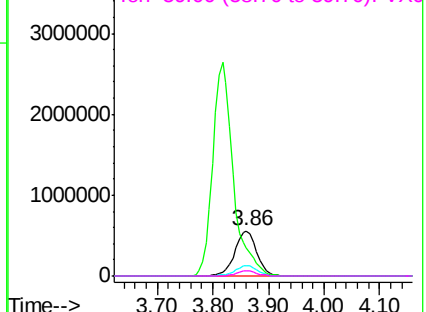
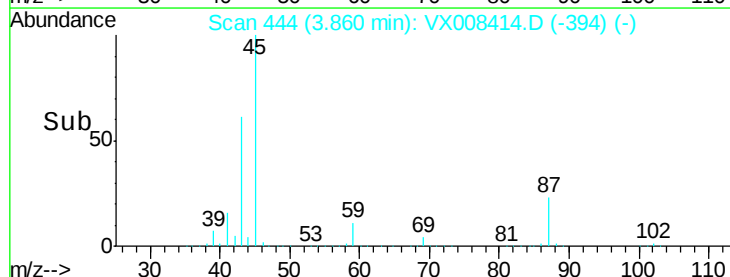
43 60.8 57.1 85.7

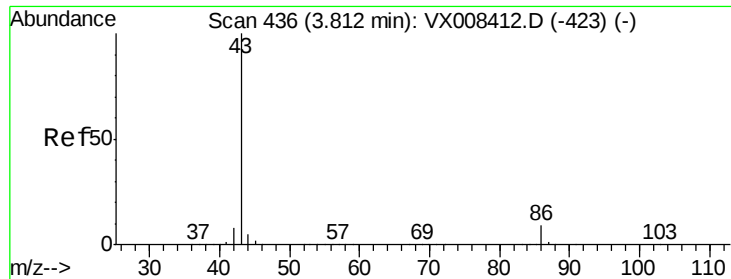
87 23.3 18.8 28.2

59 11.1 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 757.177 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

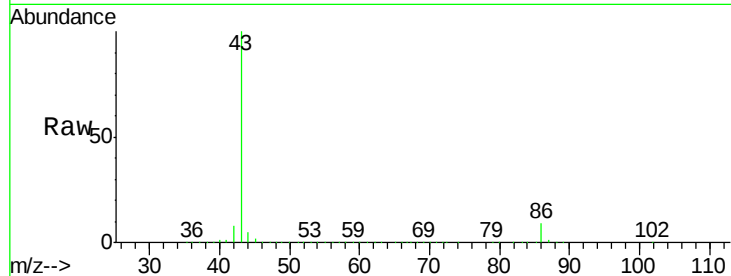
VSTDIC150

Tgt Ion: 43 Resp: 6792066

Ion Ratio Lower Upper

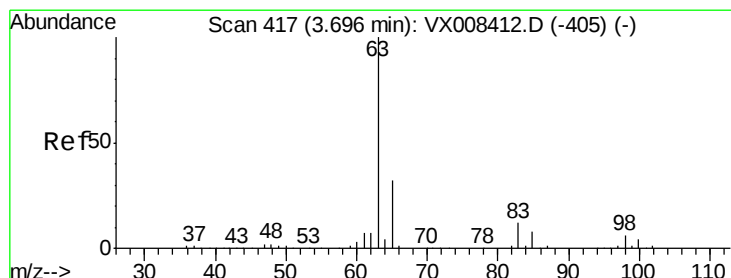
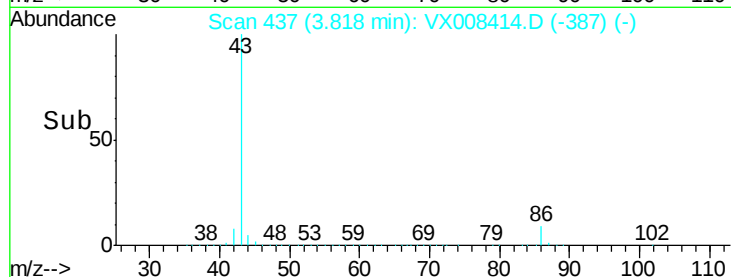
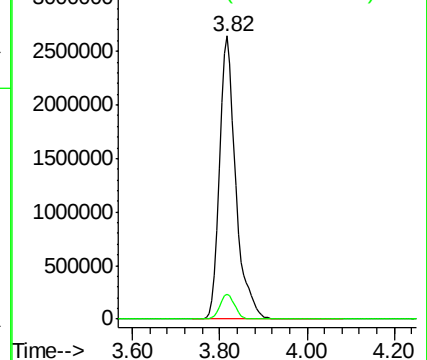
43 100

86 9.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 145.764 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

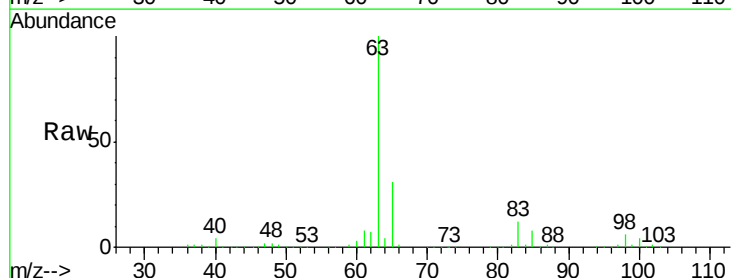
Tgt Ion: 63 Resp: 755189

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

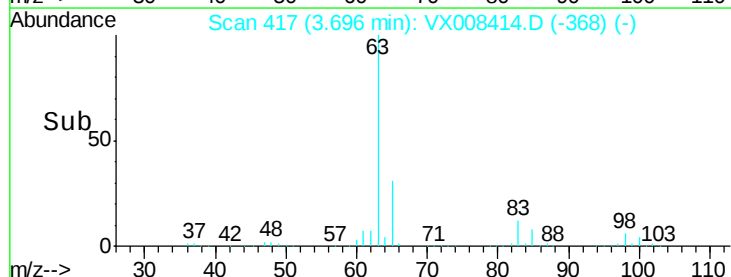
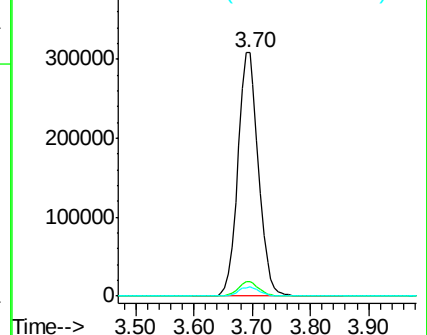
100 3.7 2.0 5.8

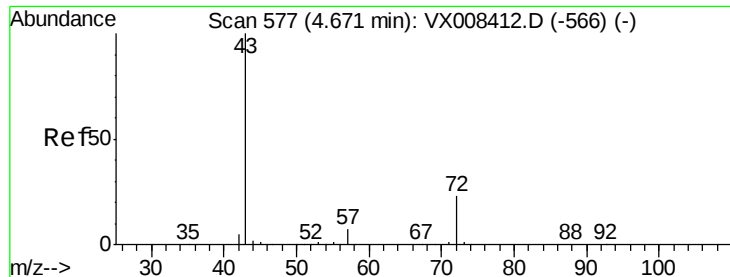


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 737.214 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

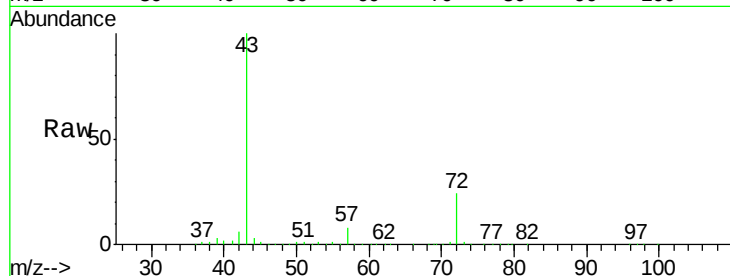
VSTDIC150

Tgt Ion: 43 Resp: 1914476

Ion Ratio Lower Upper

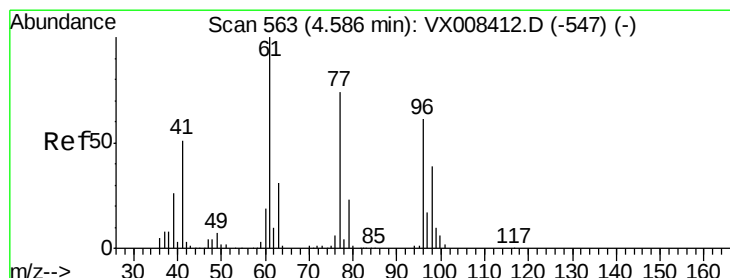
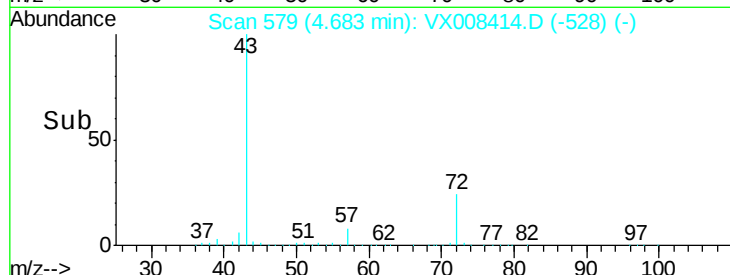
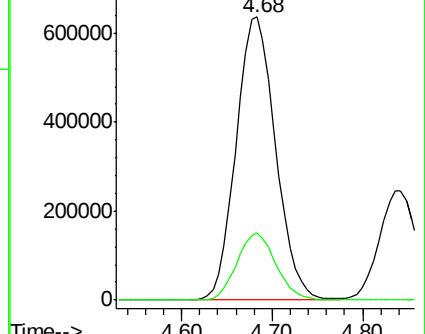
43 100

72 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 160.246 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008414.D

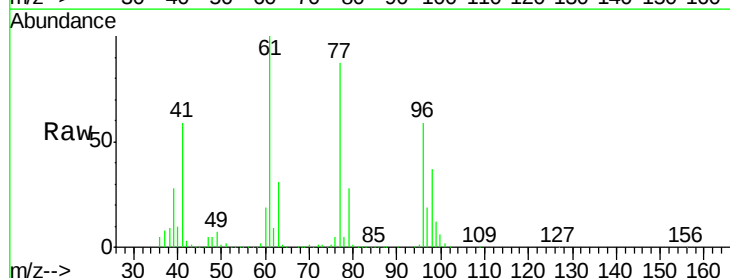
Acq: 25 Mar 2019 15:40

Tgt Ion: 77 Resp: 538573

Ion Ratio Lower Upper

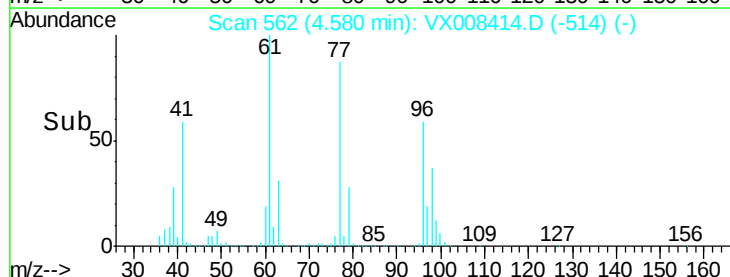
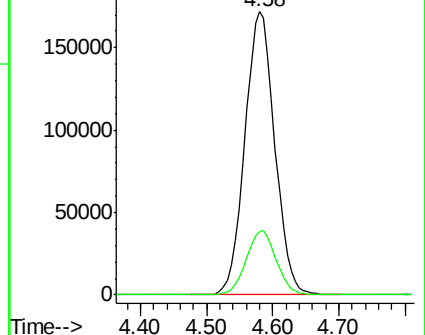
77 100

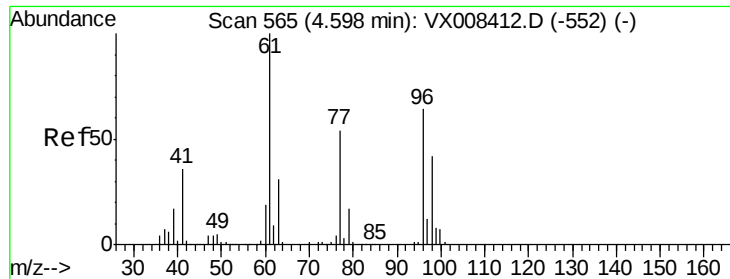
97 22.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



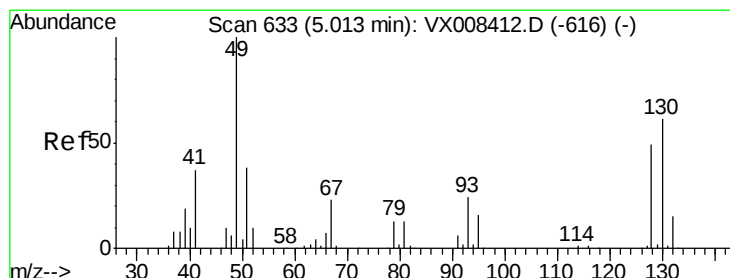
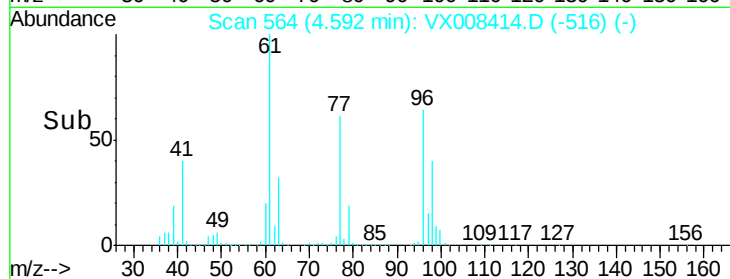
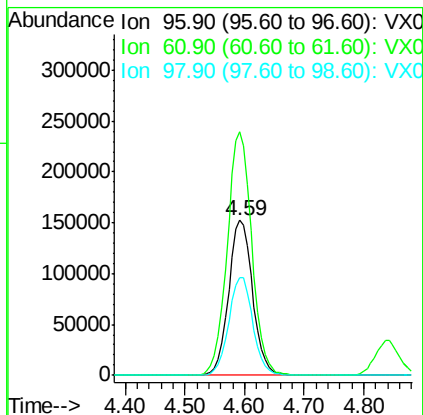
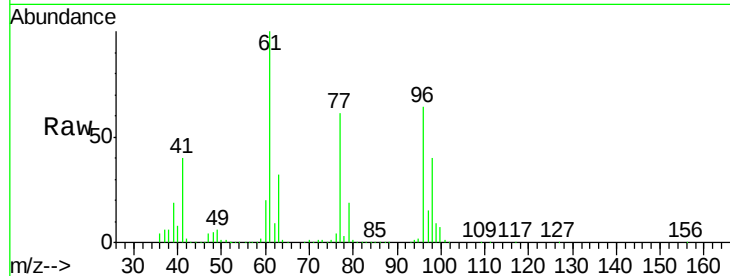


#27

cis-1,2-Dichloroethene
 Concen: 145.512 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

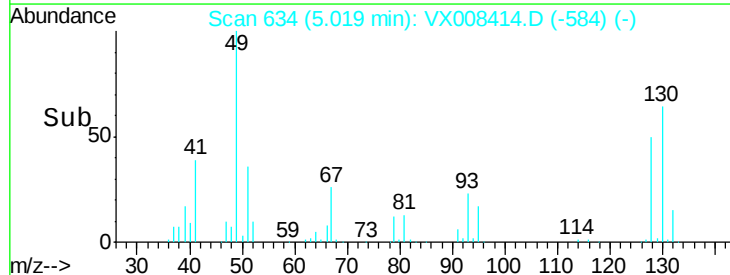
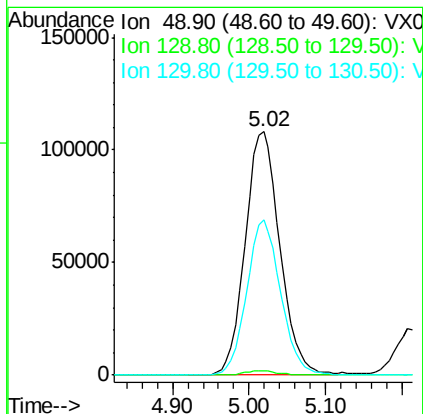
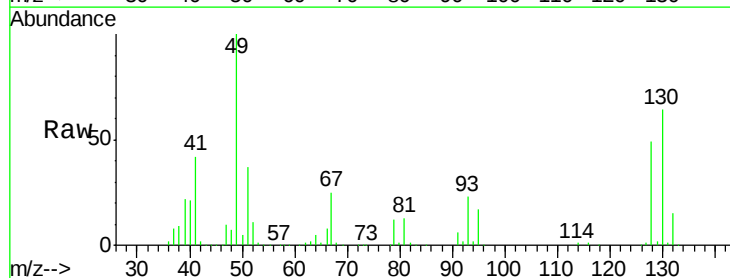
Tgt Ion: 96 Resp: 425609
 Ion Ratio Lower Upper
 96 100
 61 161.3 0.0 325.6
 98 64.0 0.0 130.0

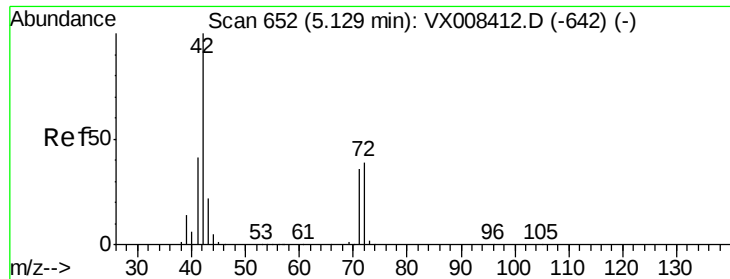


#28

Bromochloromethane
 Concen: 133.943 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 49 Resp: 341426
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 62.3 49.8 74.6





#29

Tetrahydrofuran

Concen: 722.912 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

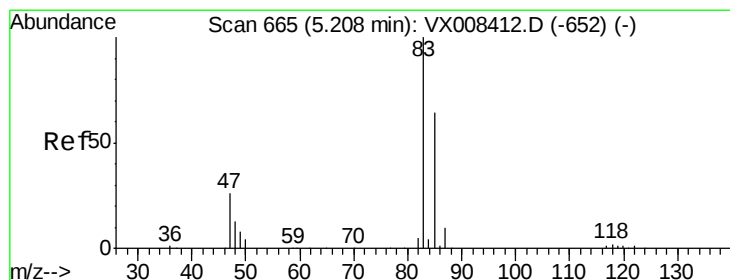
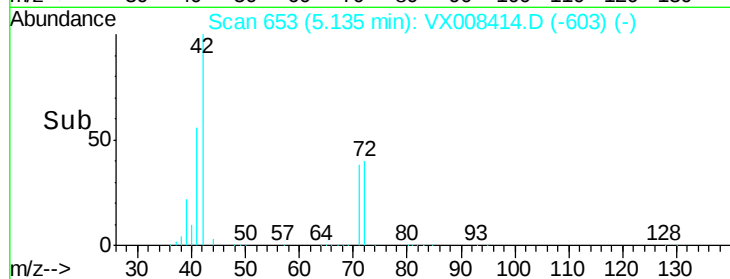
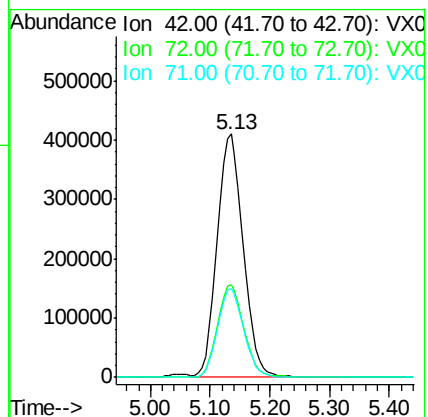
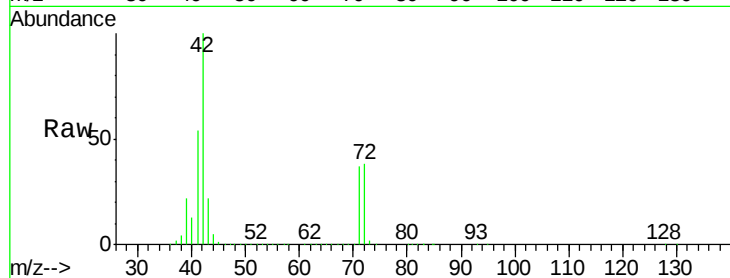
Tgt Ion: 42 Resp: 1240509

Ion Ratio Lower Upper

42 100

72 38.8 31.4 47.2

71 36.6 29.4 44.2



#30

Chloroform

Concen: 146.005 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008414.D

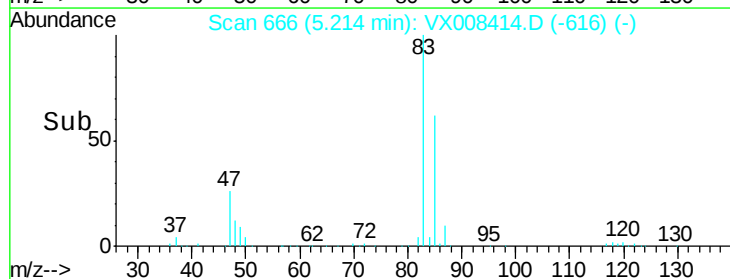
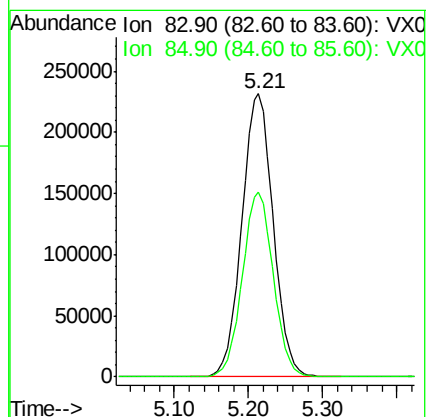
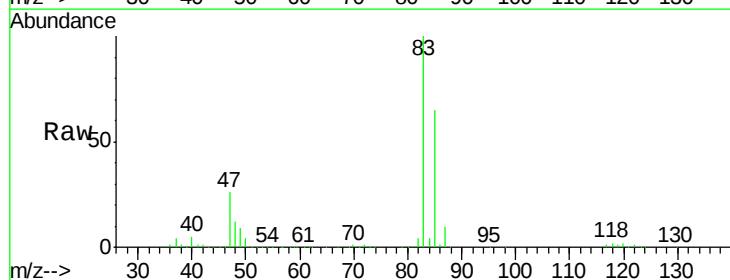
Acq: 25 Mar 2019 15:40

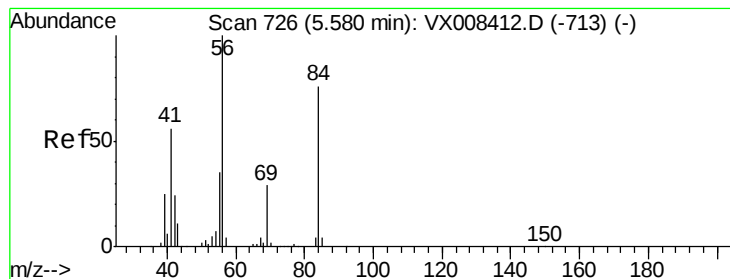
Tgt Ion: 83 Resp: 682457

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.2





#31

Cyclohexane

Concen: 144.011 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

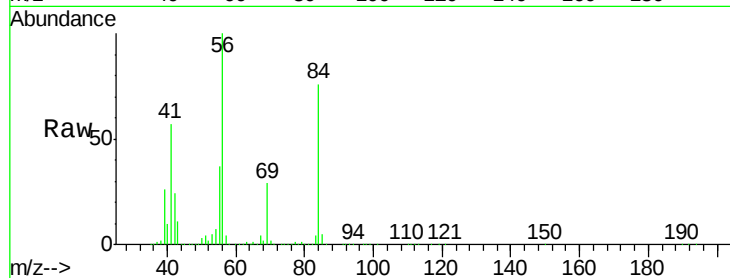
Tgt Ion: 56 Resp: 714153

Ion Ratio Lower Upper

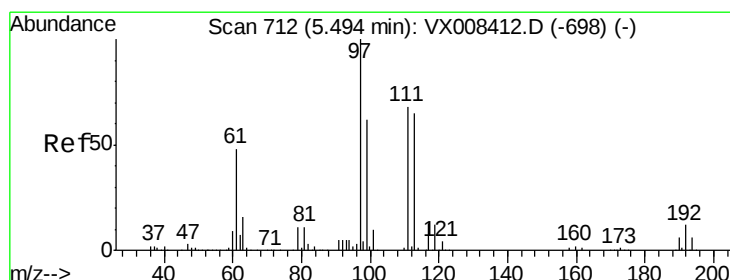
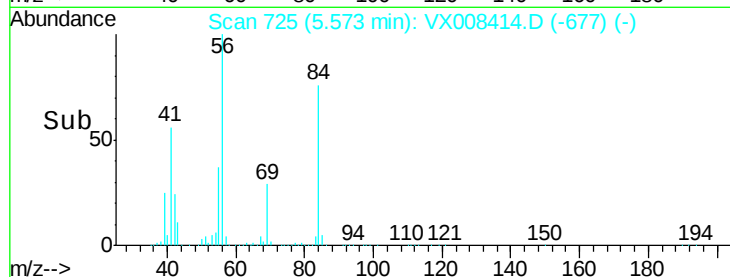
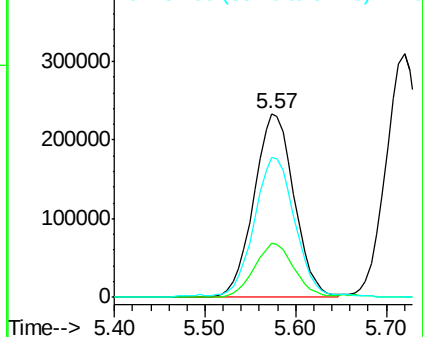
56 100

69 29.1 23.2 34.8

84 75.1 60.7 91.1



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: 154.778 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

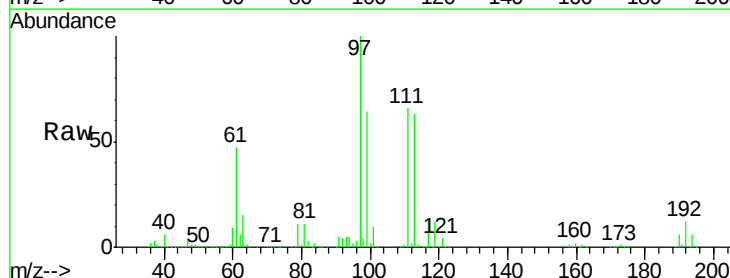
Tgt Ion: 97 Resp: 573611

Ion Ratio Lower Upper

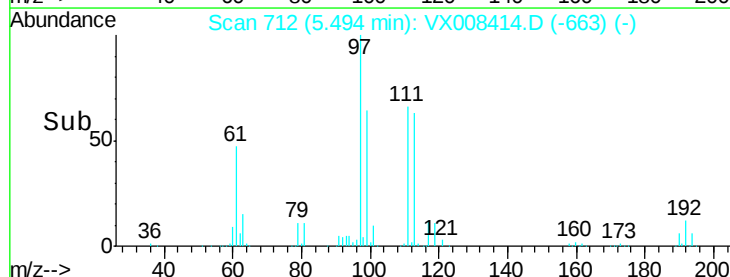
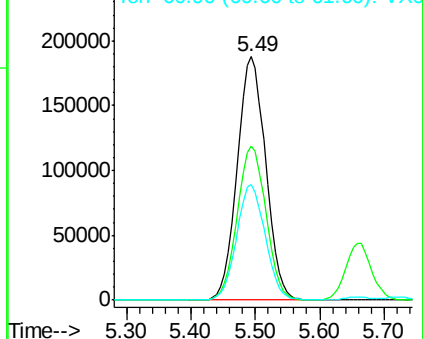
97 100

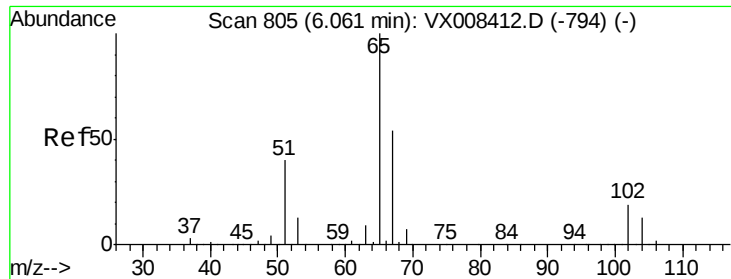
99 63.9 51.5 77.3

61 47.8 38.8 58.2



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

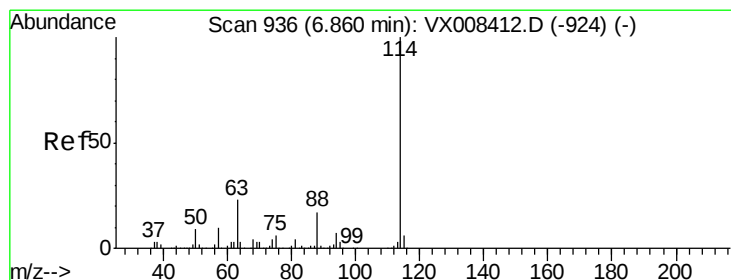
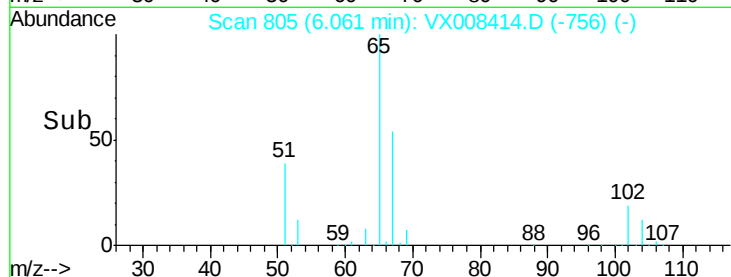
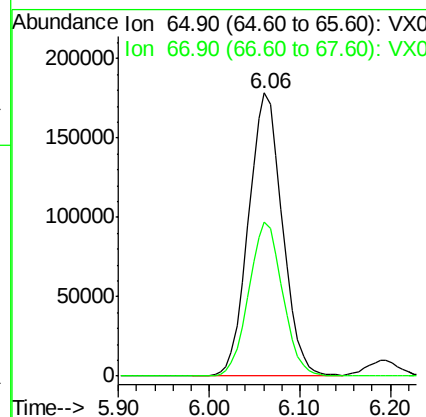
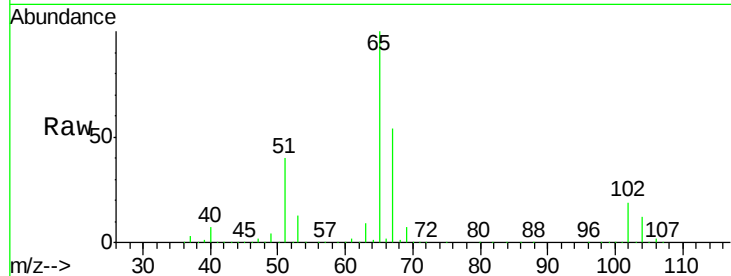




#33
 1,2-Dichloroethane-d4
 Concen: 146.392 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

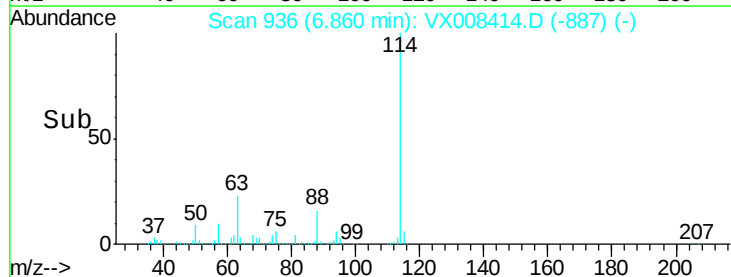
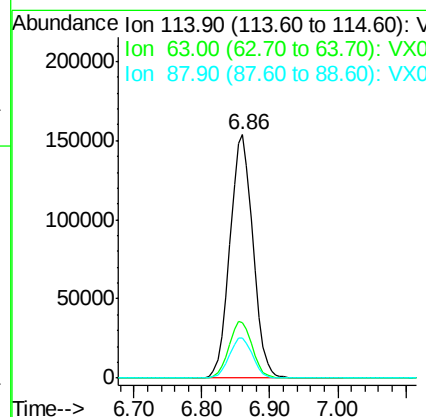
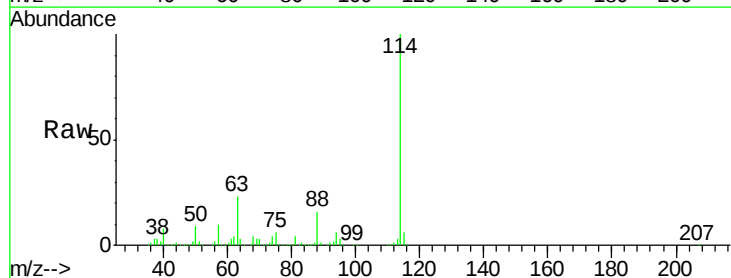
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

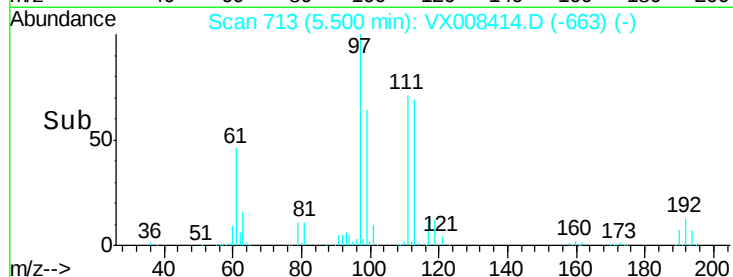
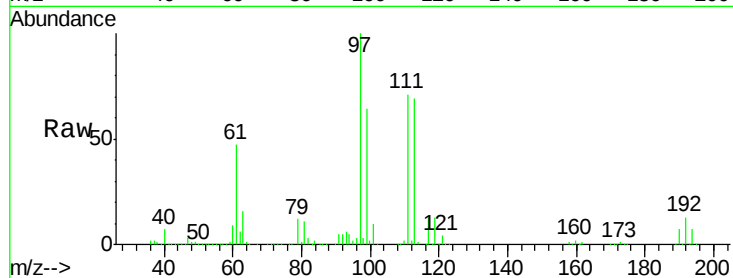
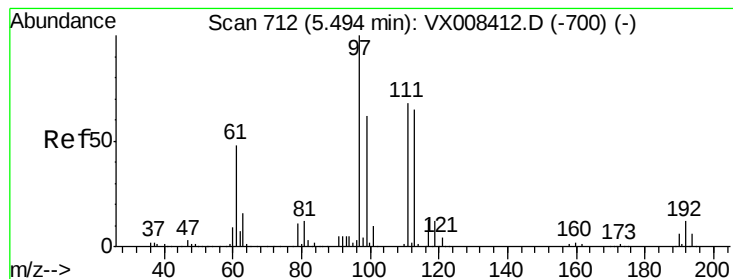
Tgt Ion: 65 Resp: 460792
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 114 Resp: 360117
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.4
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 148.864 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

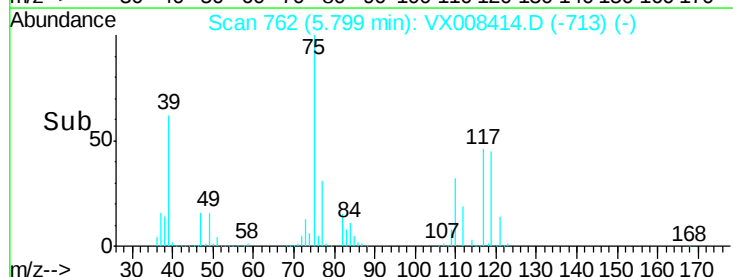
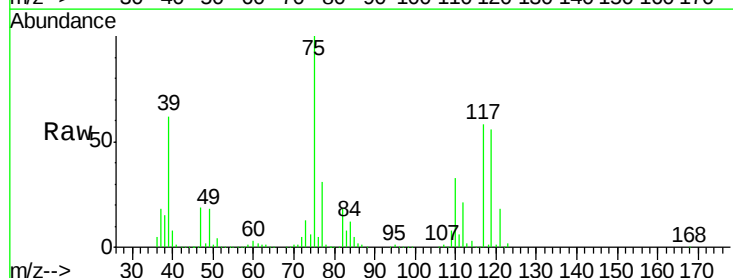
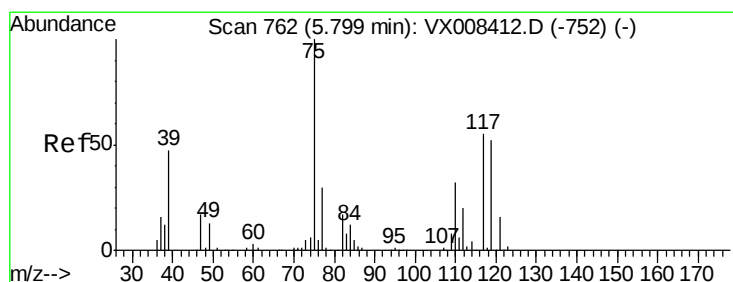
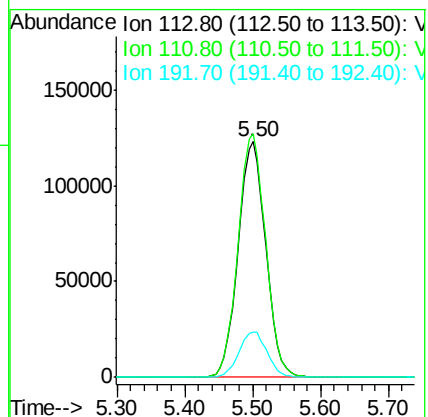
Tgt Ion:113 Resp: 346670

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 19.6 15.6 23.4



#36

1,1-Dichloropropene

Concen: 147.958 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

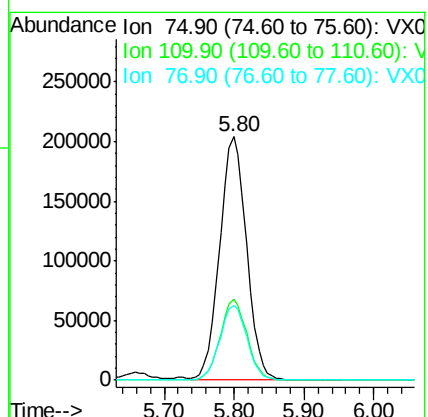
Tgt Ion: 75 Resp: 543606

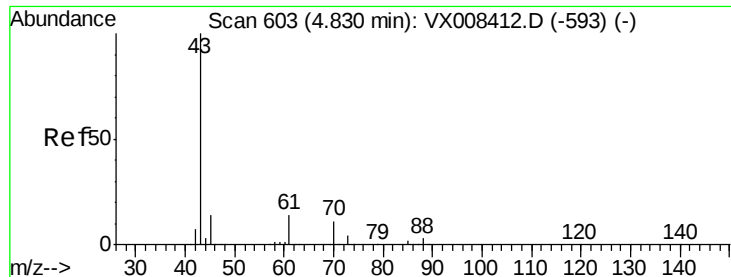
Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.7

77 30.9 24.2 36.2

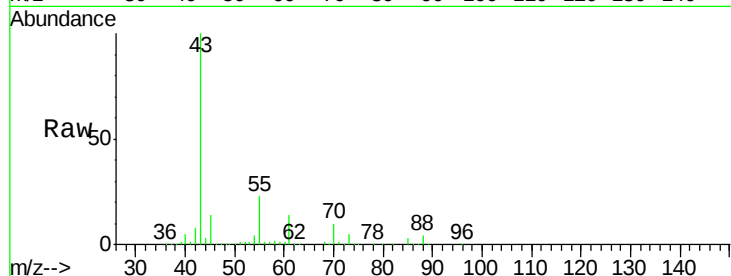




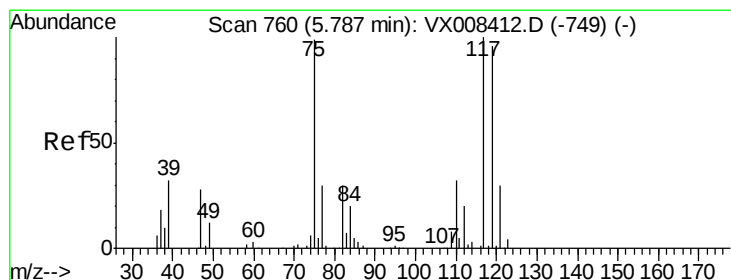
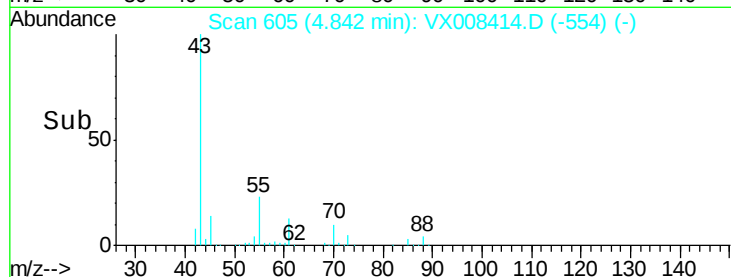
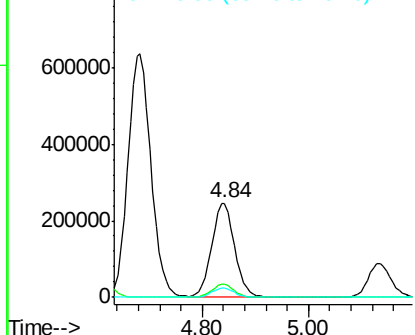
#37
Ethyl Acetate
Concen: 147.782 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 731763
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.7 7.8 11.8

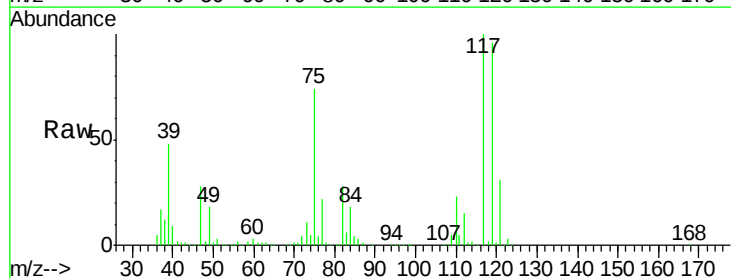


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

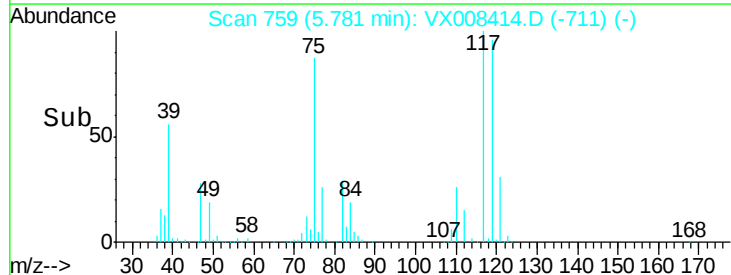
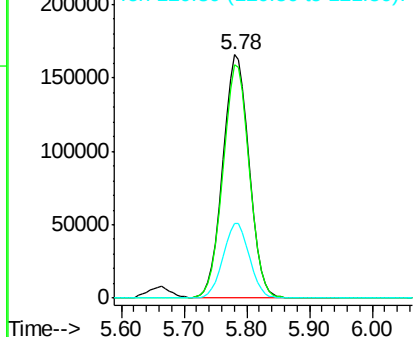


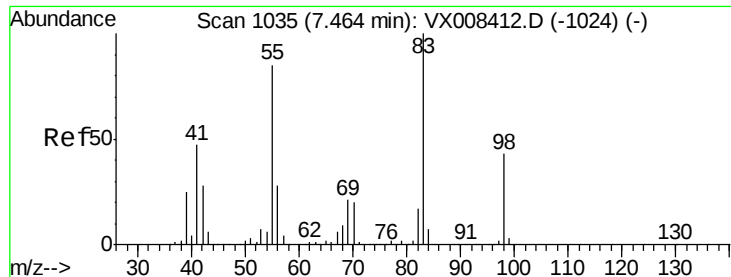
#38
Carbon Tetrachloride
Concen: 152.278 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 117 Resp: 480797
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 30.5 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

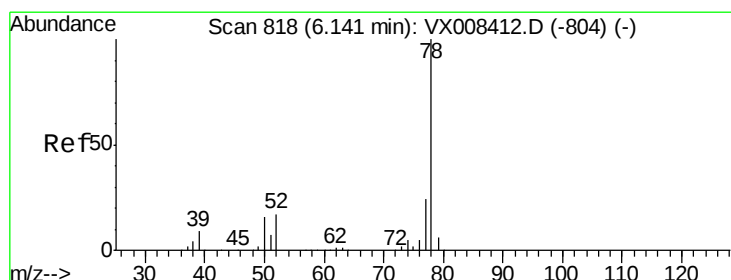
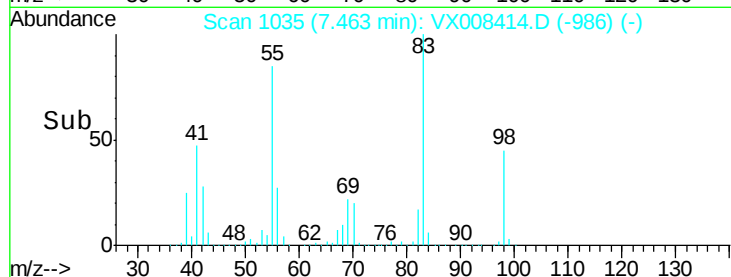
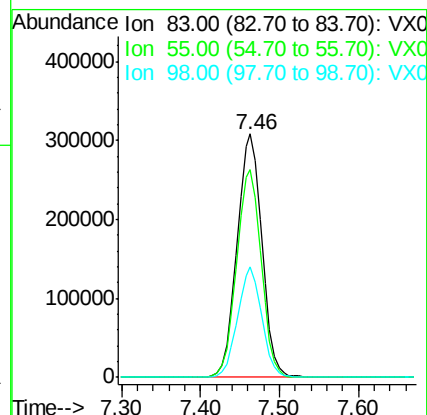
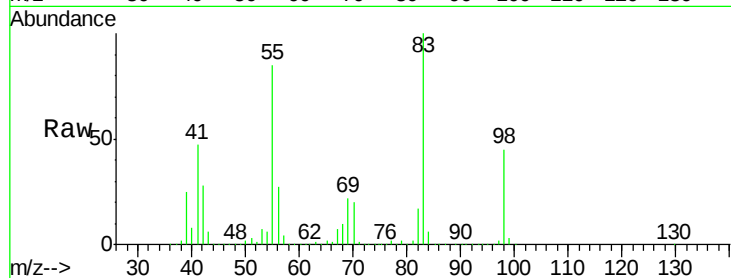




#39
Methylcyclohexane
Concen: 149.118 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

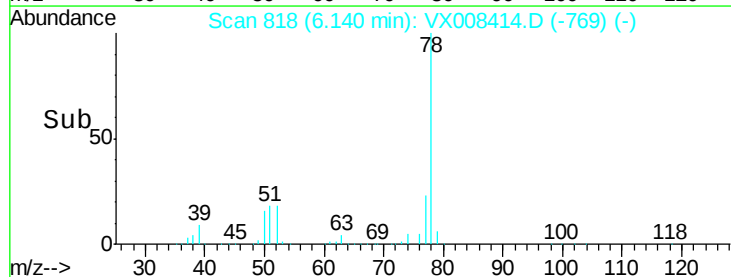
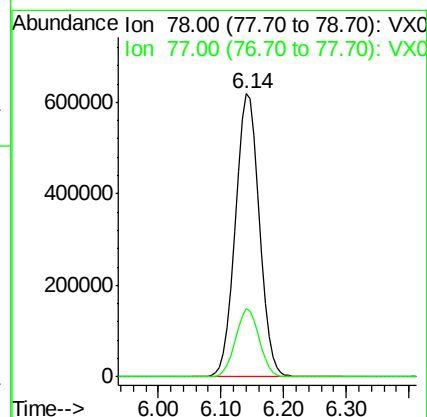
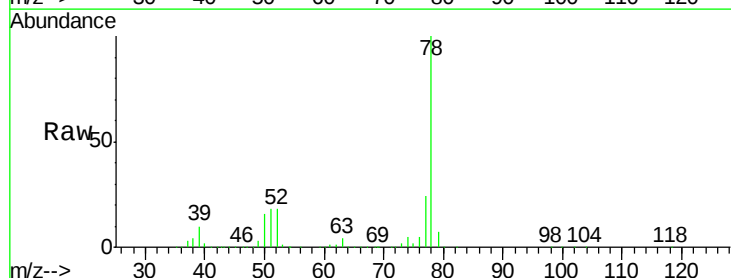
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

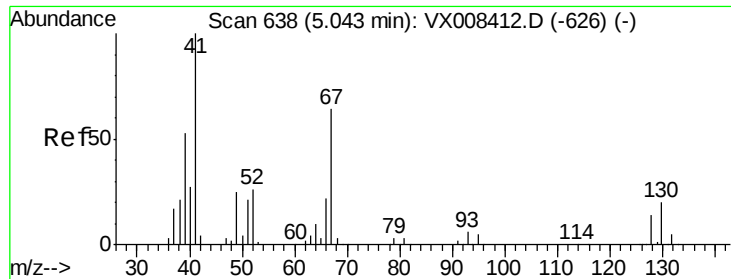
Tgt Ion: 83 Resp: 672059
Ion Ratio Lower Upper
83 100
55 85.2 68.2 102.4
98 45.3 34.2 51.4



#40
Benzene
Concen: 145.952 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 78 Resp: 1635058
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

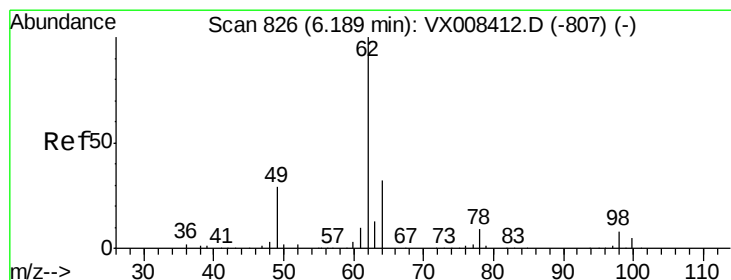
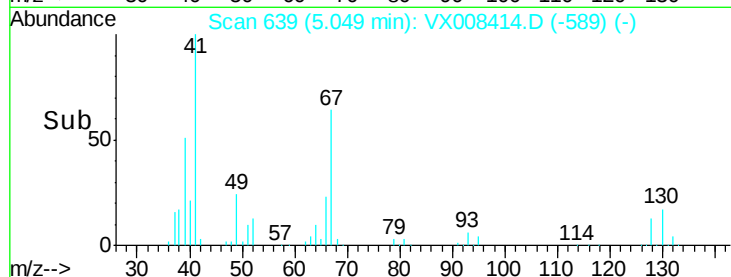
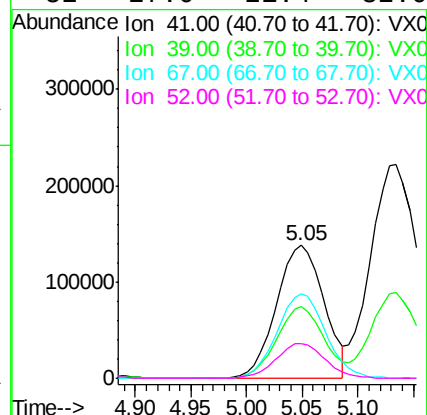
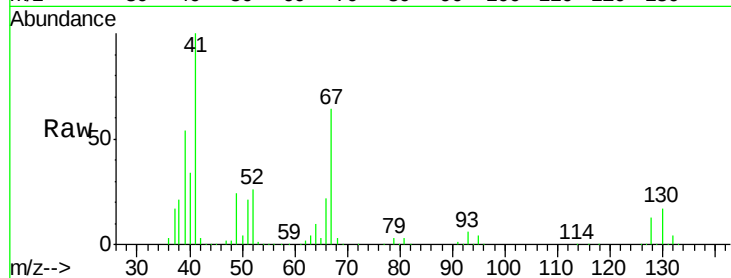




#41
Methacrylonitrile
Concen: 151.433 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

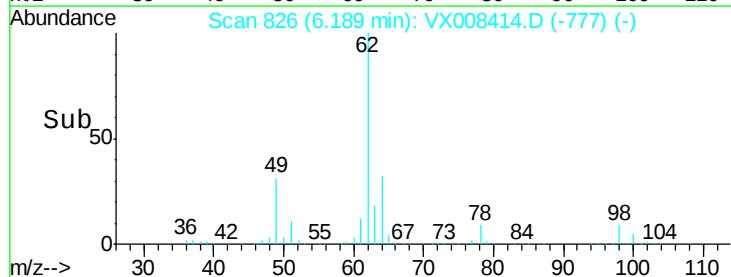
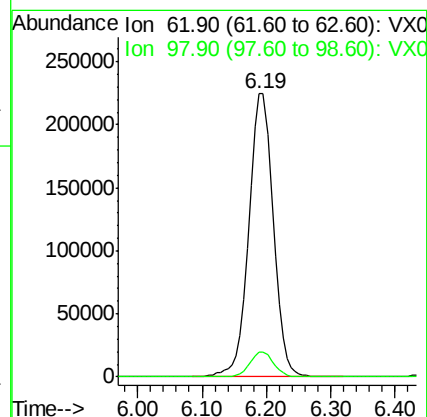
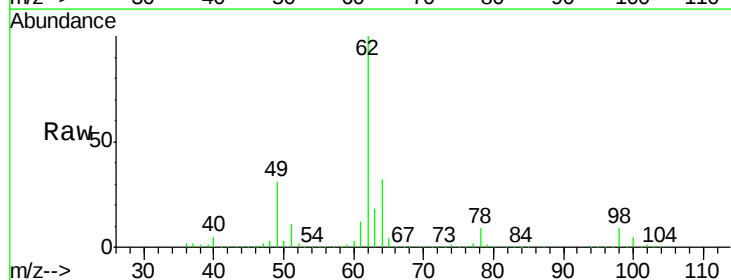
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

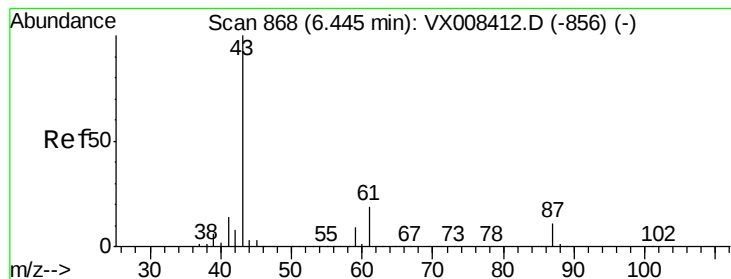
Tgt Ion:	41	Resp:	409606
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.6	64.0
67	65.4	52.2	78.4
52	27.0	21.4	32.0



#42
1,2-Dichloroethane
Concen: 143.324 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion:	62	Resp:	582786
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 157.556 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

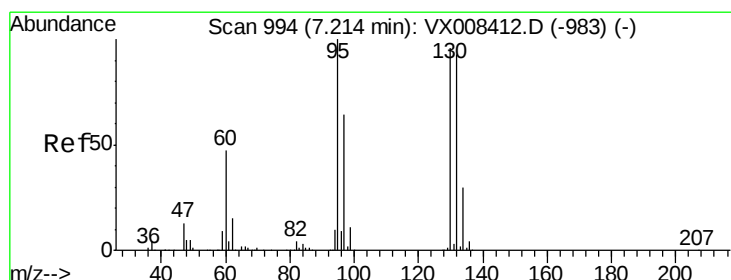
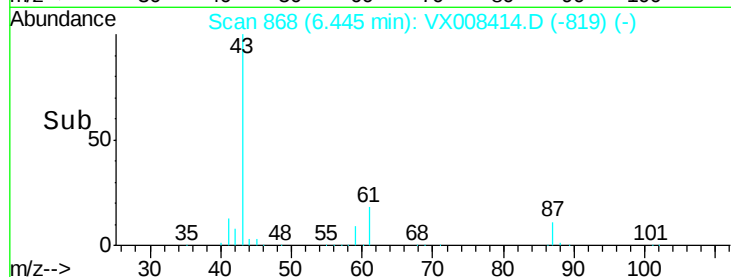
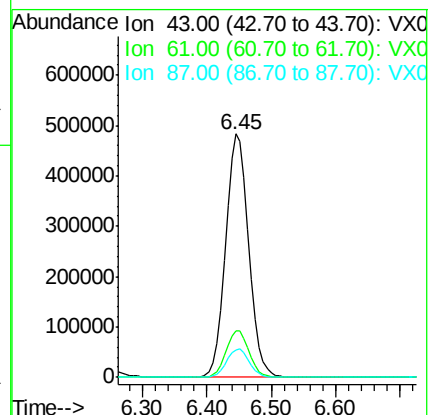
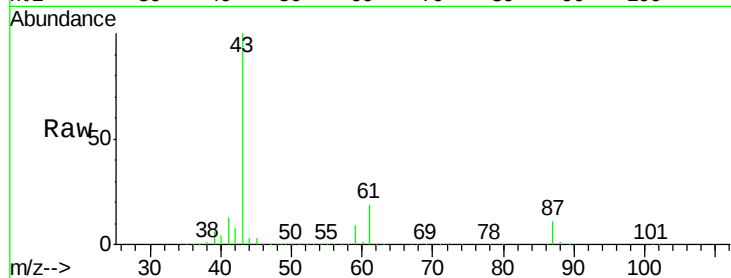
Tgt Ion: 43 Resp: 1218155

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

87 11.5 9.1 13.7



#44

Trichloroethene

Concen: 147.400 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008414.D

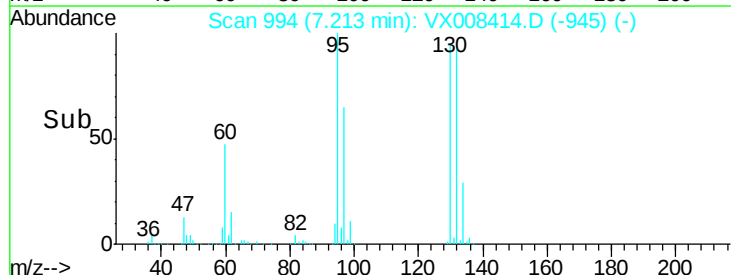
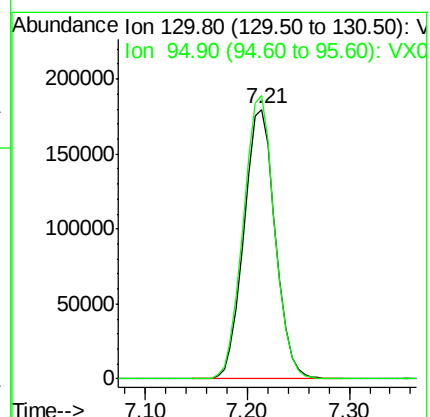
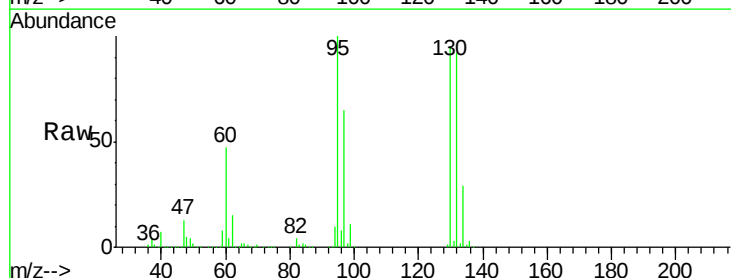
Acq: 25 Mar 2019 15:40

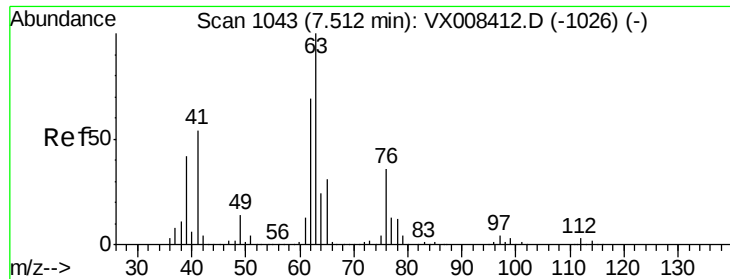
Tgt Ion:130 Resp: 383779

Ion Ratio Lower Upper

130 100

95 104.9 0.0 208.8

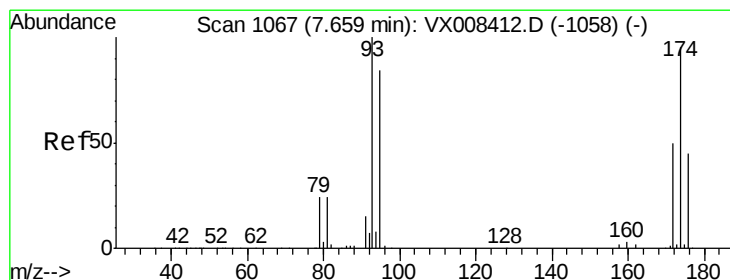
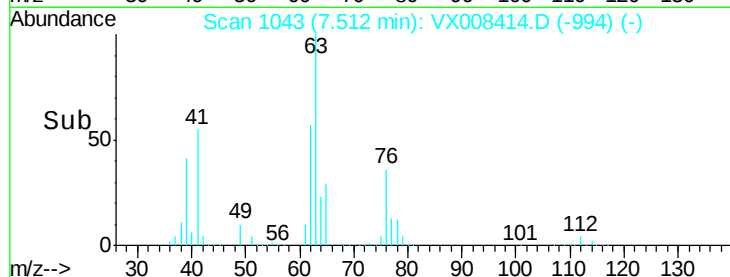
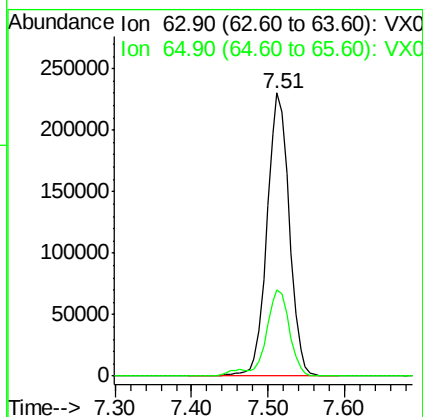
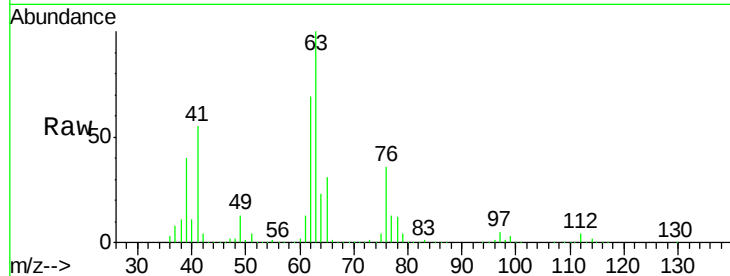




#45
 1,2-Dichloropropane
 Concen: 147.584 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

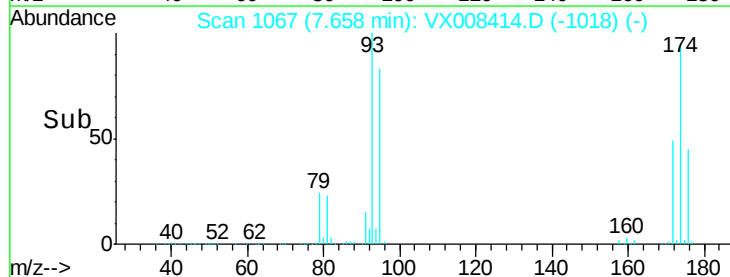
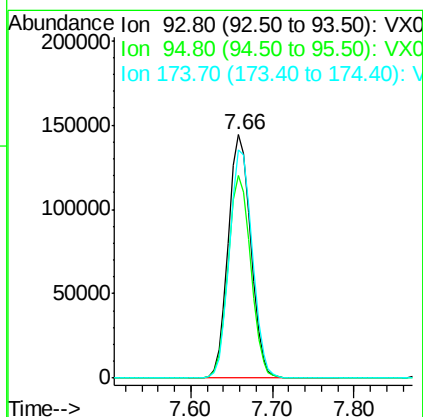
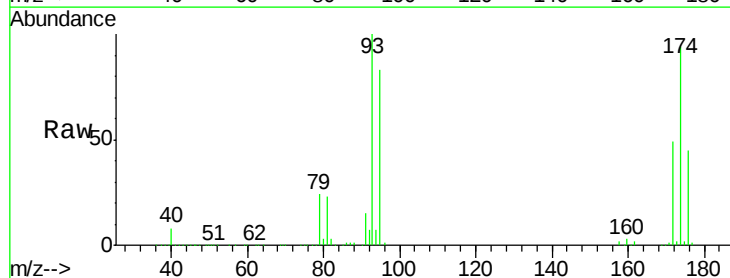
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

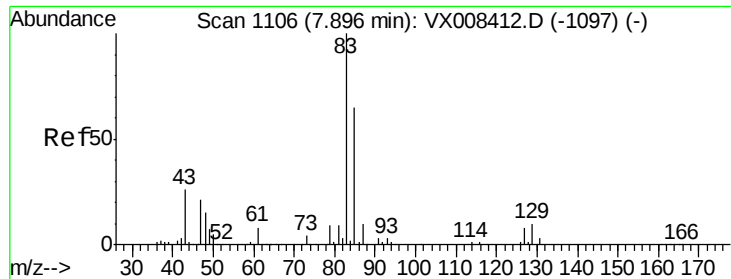
Tgt Ion: 63 Resp: 468095
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 146.500 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 93 Resp: 275197
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.6
 174 94.6 76.0 114.0





#47

Bromodichloromethane

Concen: 156.229 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

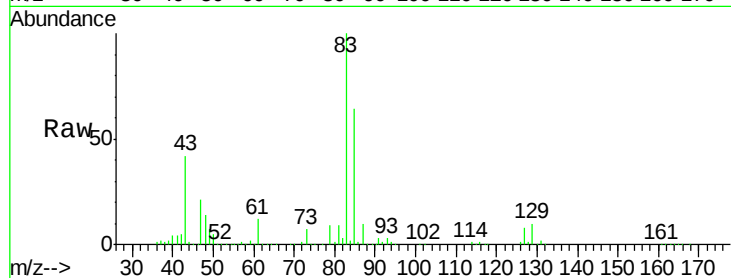
Tgt Ion: 83 Resp: 560747

Ion Ratio Lower Upper

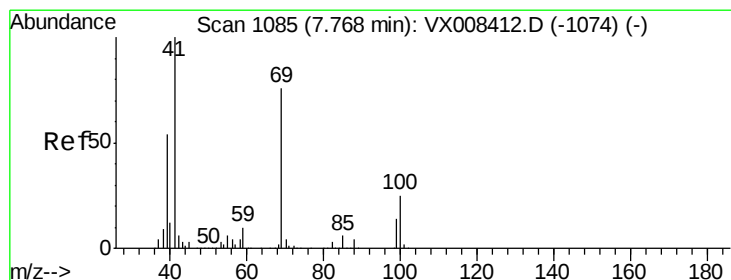
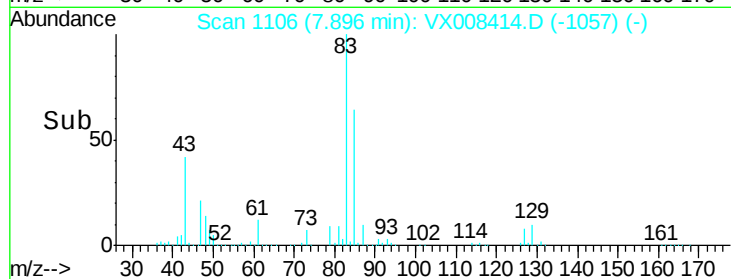
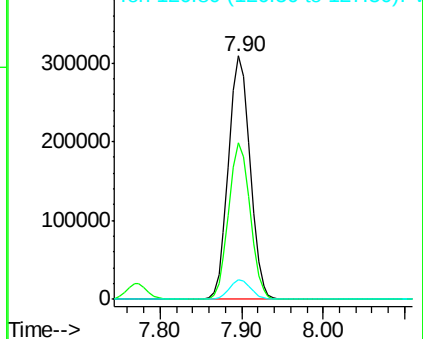
83 100

85 64.3 52.0 78.0

127 8.0 6.4 9.6



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: 157.330 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

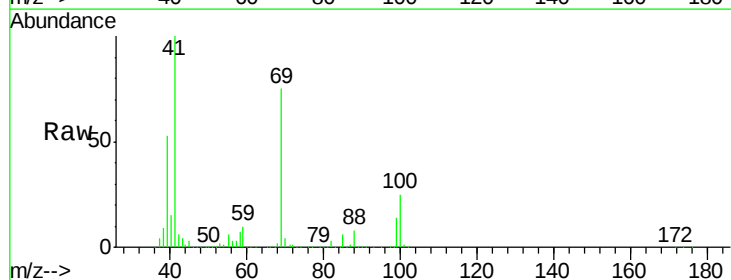
Tgt Ion: 41 Resp: 615860

Ion Ratio Lower Upper

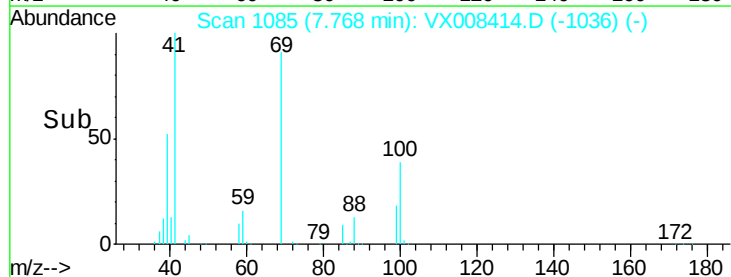
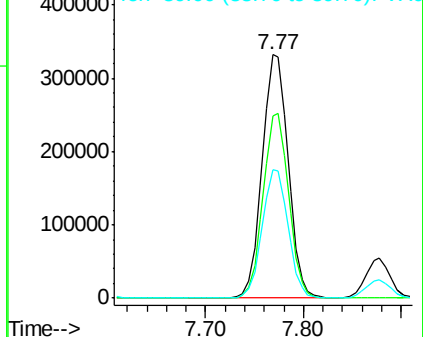
41 100

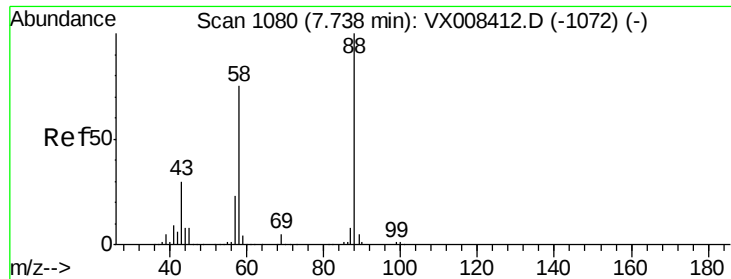
69 74.7 60.8 91.2

39 52.0 42.3 63.5



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

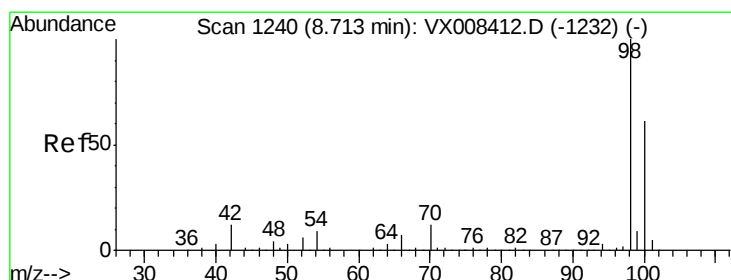
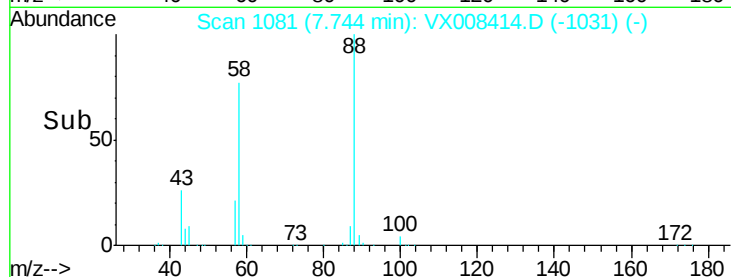
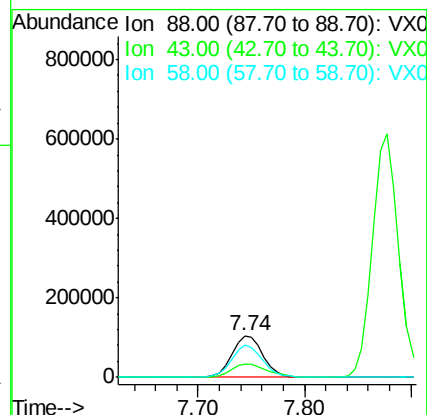
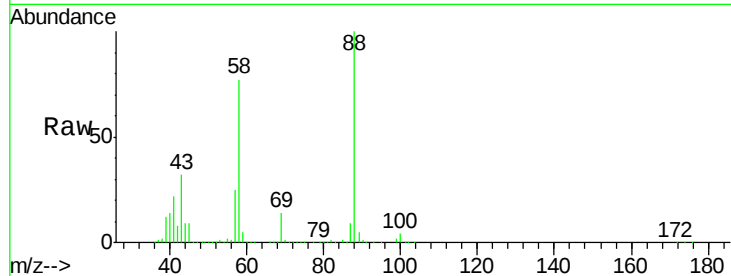




#49
1,4-Dioxane
Concen: 2645.146 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

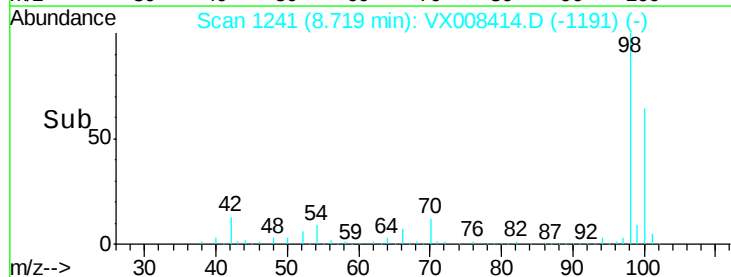
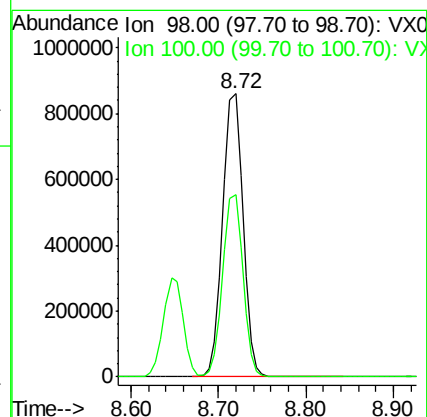
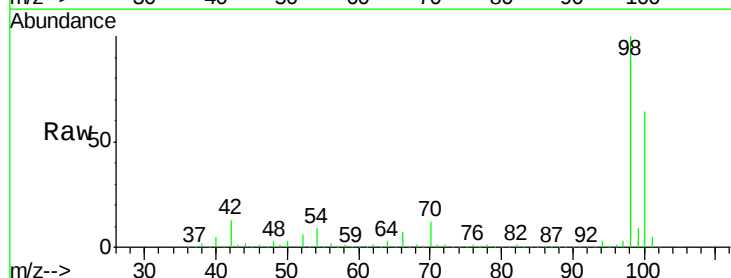
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

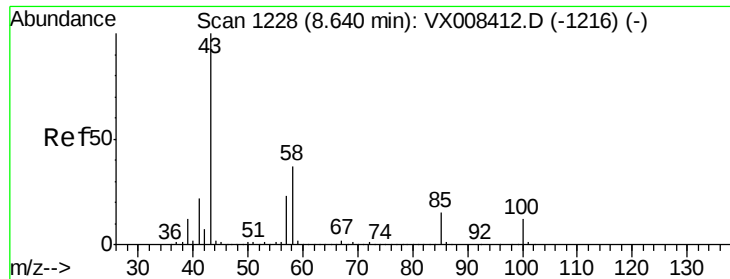
Tgt Ion: 88 Resp: 209026
Ion Ratio Lower Upper
88 100
43 37.3 28.6 43.0
58 79.0 63.0 94.4



#50
Toluene-d8
Concen: 150.340 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 98 Resp: 1391856
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 742.115 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

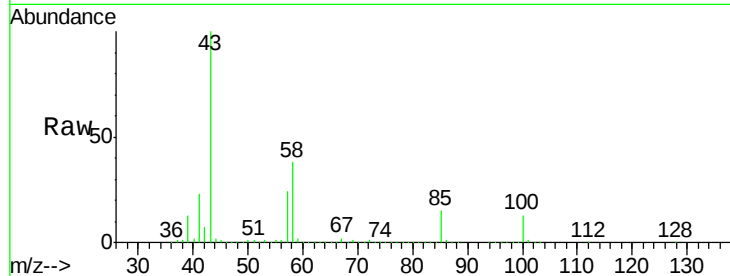
VSTDIC150

Tgt Ion: 43 Resp: 3779987

Ion Ratio Lower Upper

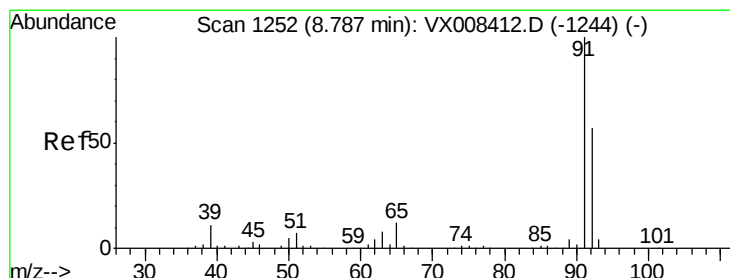
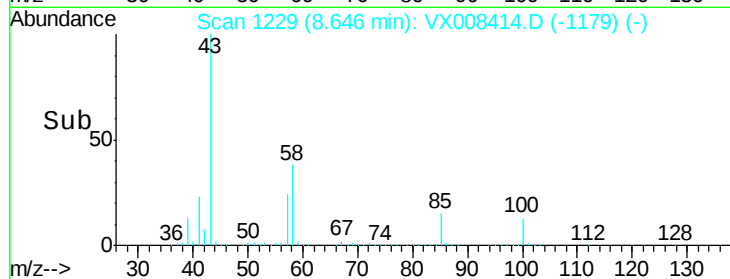
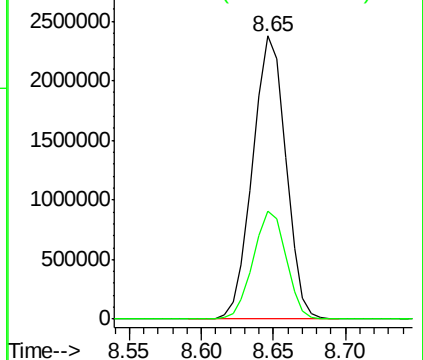
43 100

58 38.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 151.300 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008414.D

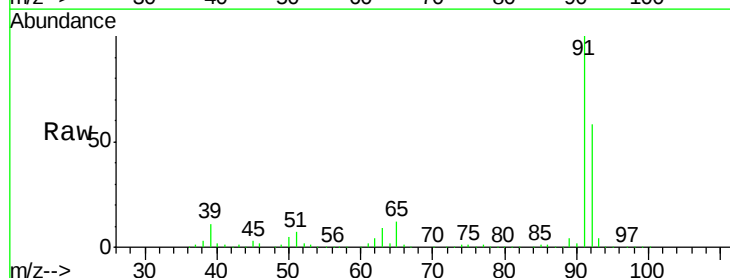
Acq: 25 Mar 2019 15:40

Tgt Ion: 92 Resp: 996297

Ion Ratio Lower Upper

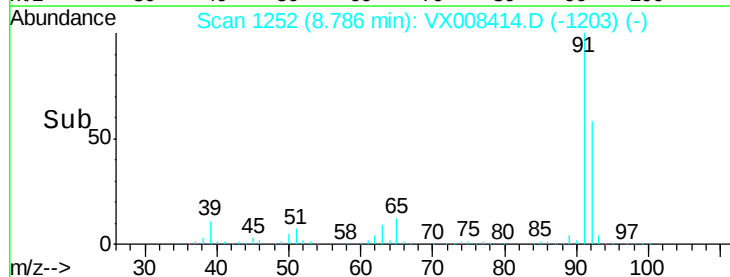
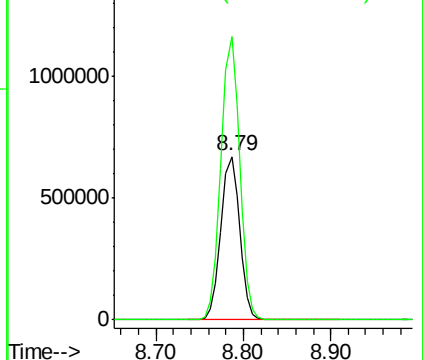
92 100

91 173.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

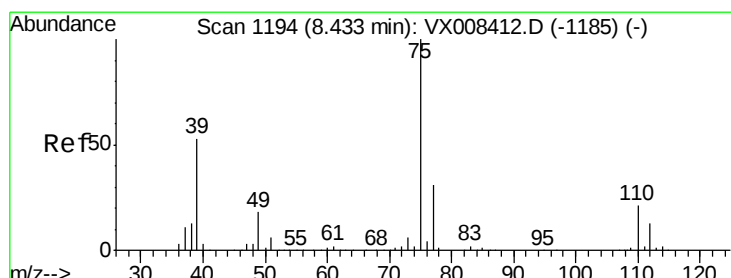
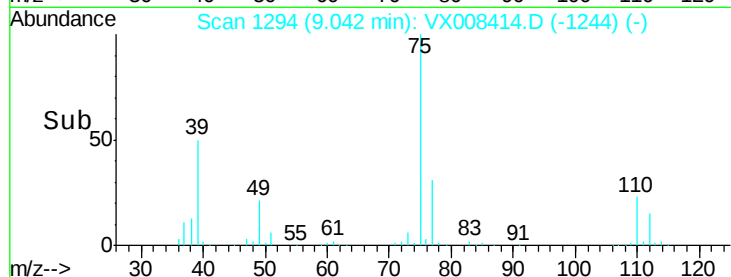
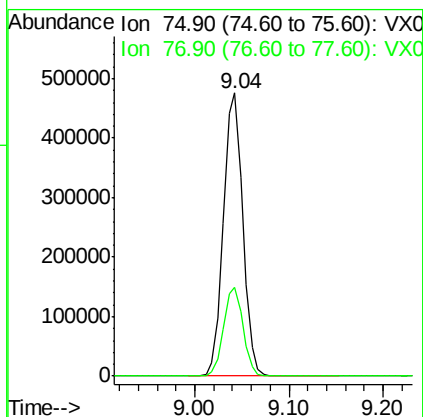
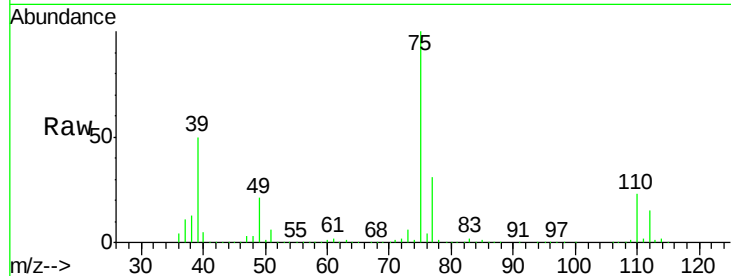




#53
t-1,3-Dichloropropene
Concen: 175.294 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

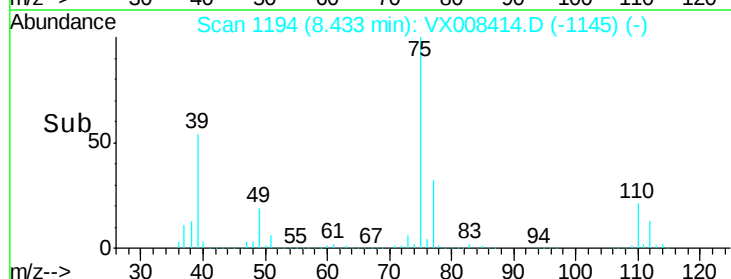
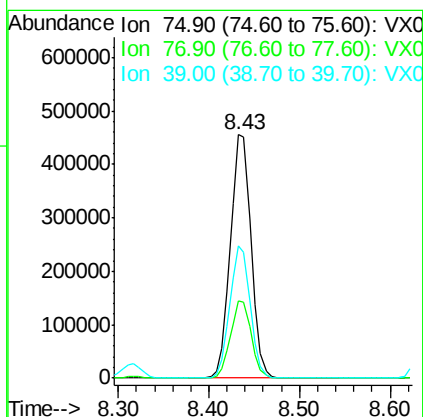
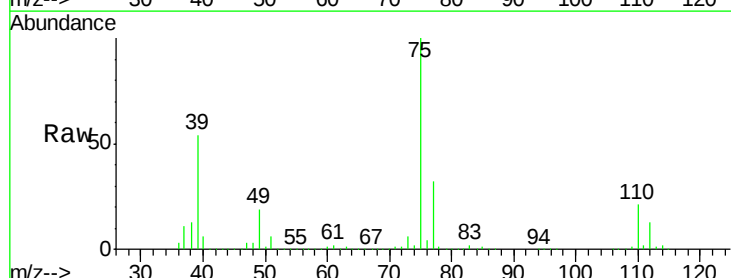
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

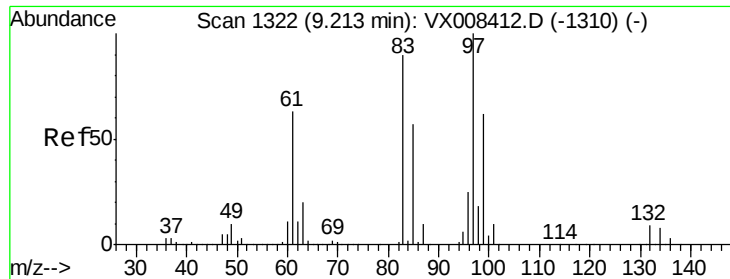
Tgt Ion: 75 Resp: 677864
Ion Ratio Lower Upper
75 100
77 31.4 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 165.103 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 75 Resp: 721348
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
39 54.0 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 150.196 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 410770

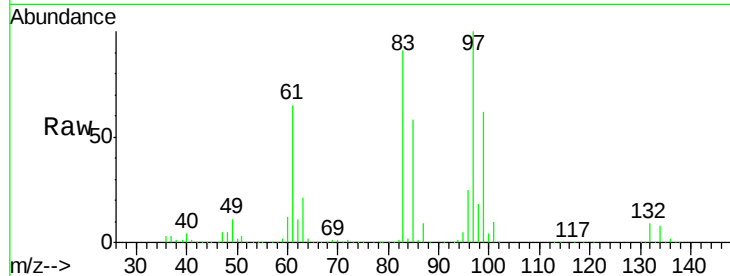
Ion Ratio Lower Upper

97 100

83 90.8 71.8 107.6

85 58.1 45.9 68.9

99 62.4 49.4 74.0

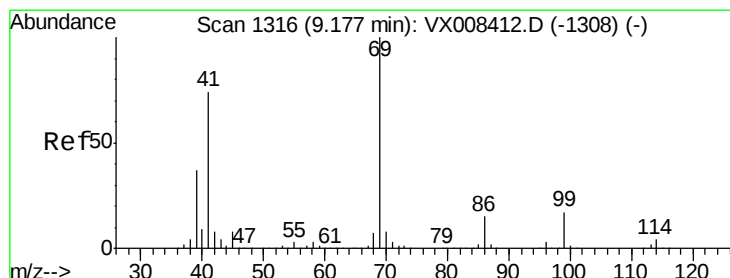
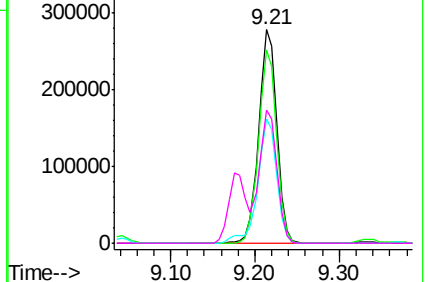
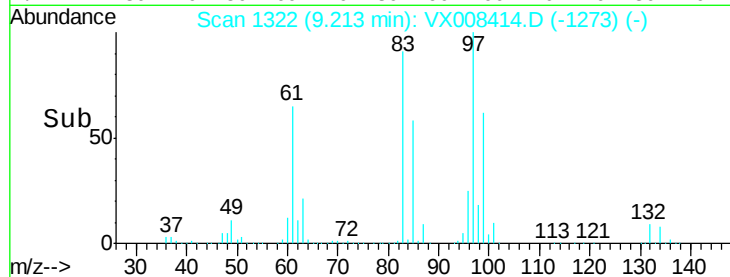


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 160.544 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

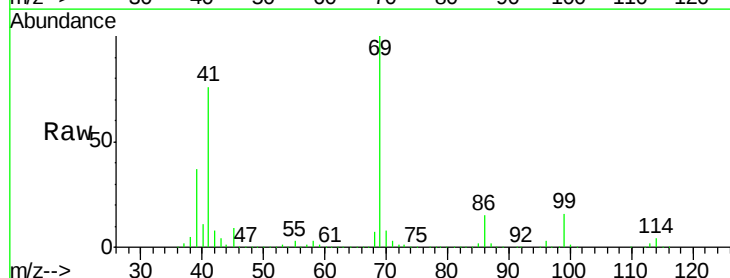
Tgt Ion: 69 Resp: 778417

Ion Ratio Lower Upper

69 100

41 74.4 59.5 89.3

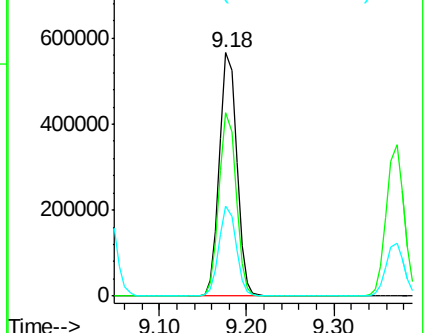
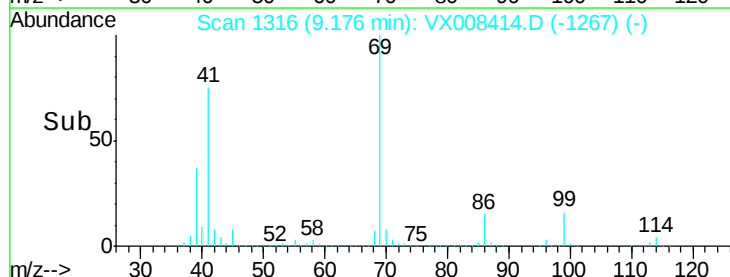
39 36.6 29.3 43.9

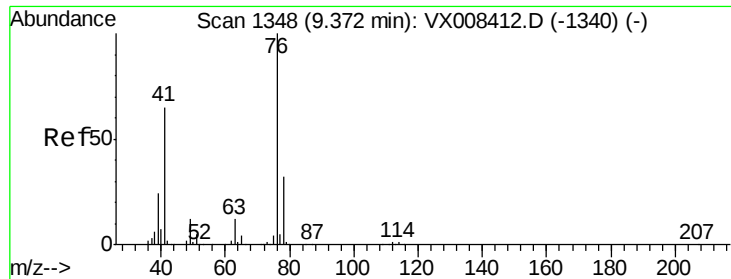


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 150.804 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

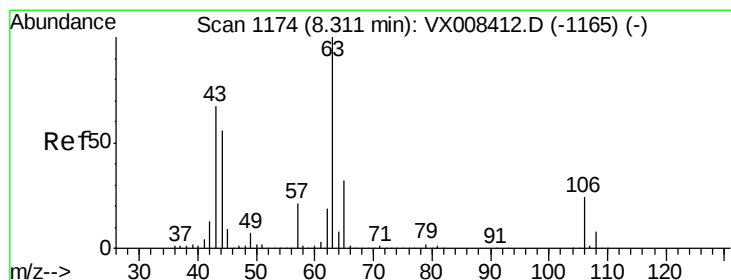
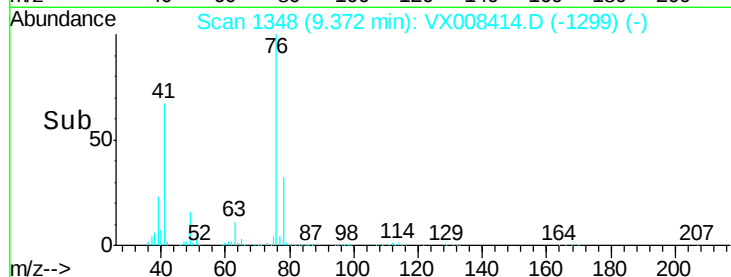
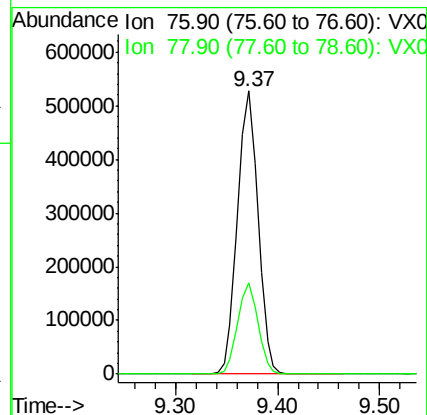
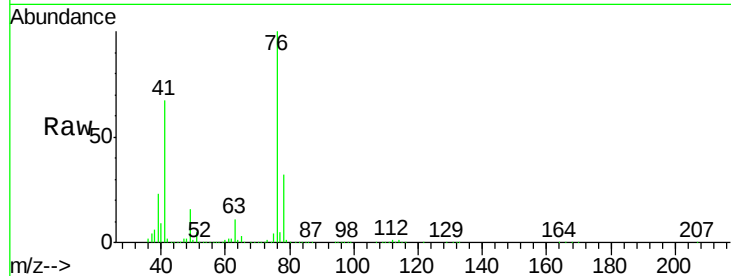
VSTDIC150

Tgt Ion: 76 Resp: 733348

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 791.740 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX008414.D

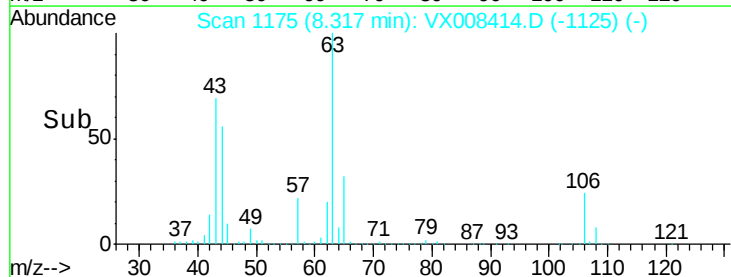
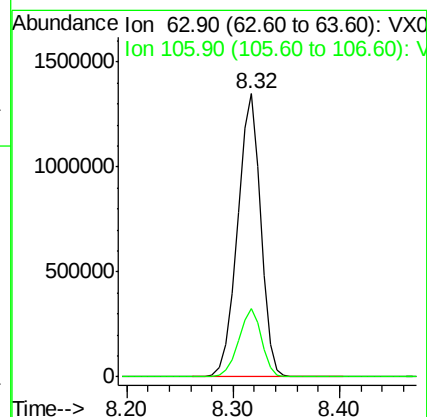
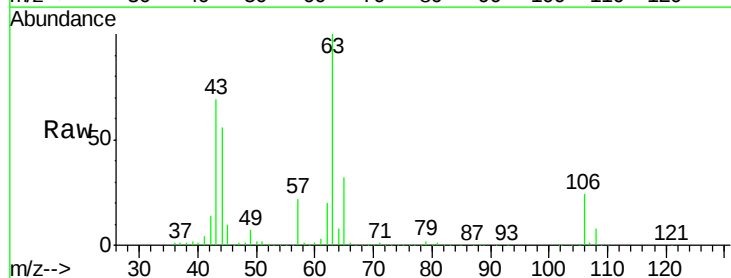
Acq: 25 Mar 2019 15:40

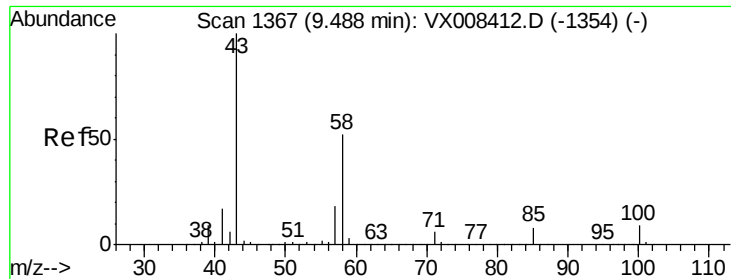
Tgt Ion: 63 Resp: 2050873

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.6

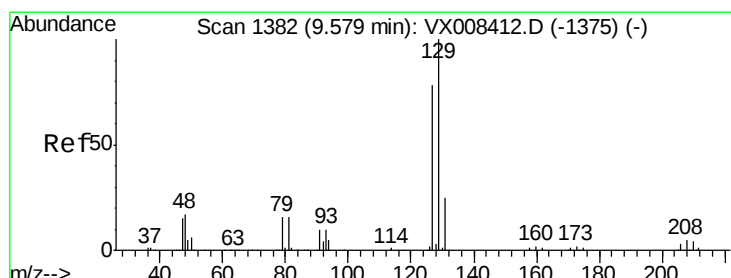
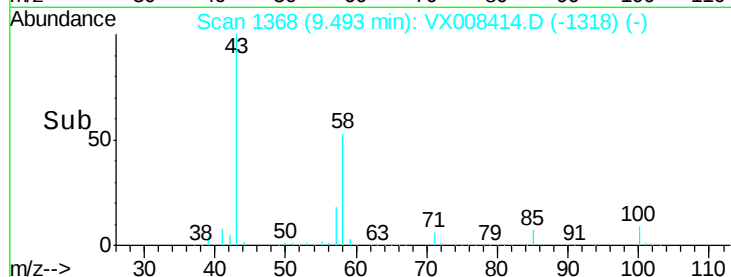
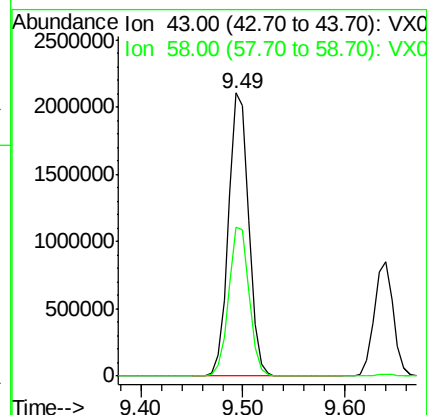
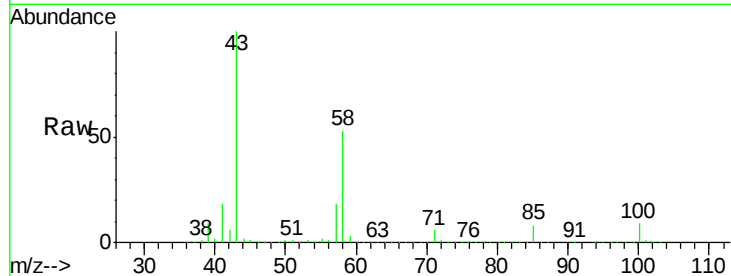




#59
2-Hexanone
Concen: 735.209 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

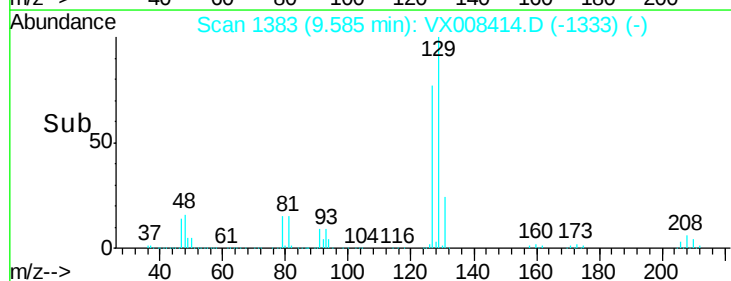
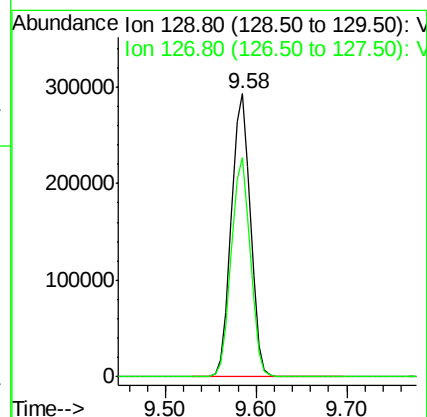
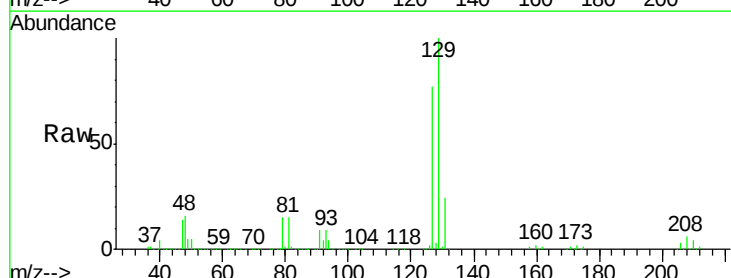
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

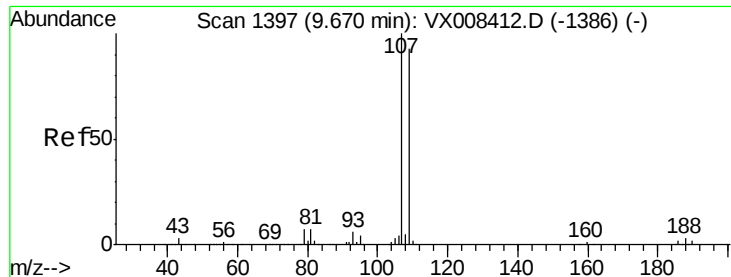
Tgt Ion: 43 Resp: 2889309
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.9



#60
Dibromochloromethane
Concen: 168.685 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 129 Resp: 428691
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 155.629 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

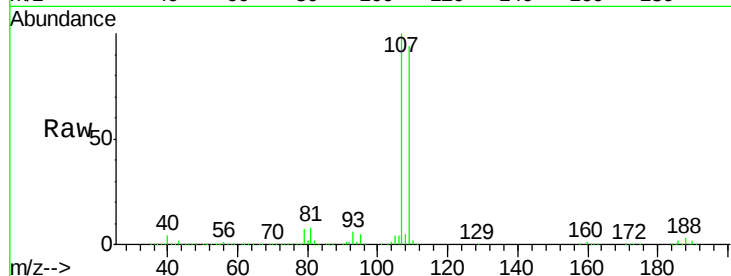
VSTDIC150

Tgt Ion: 107 Resp: 431471

Ion Ratio Lower Upper

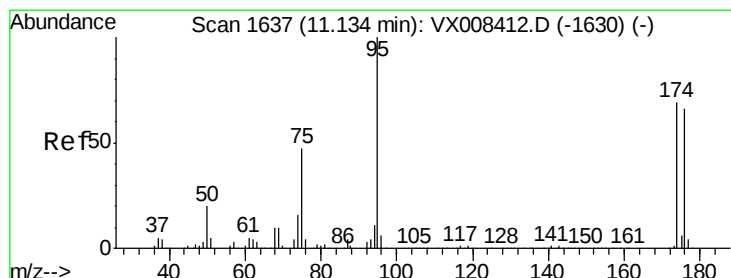
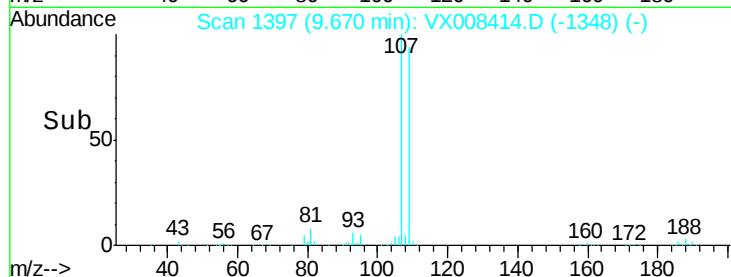
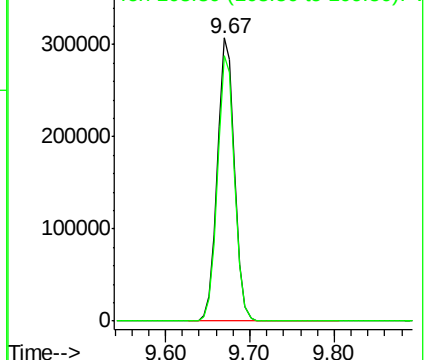
107 100

109 93.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 153.811 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

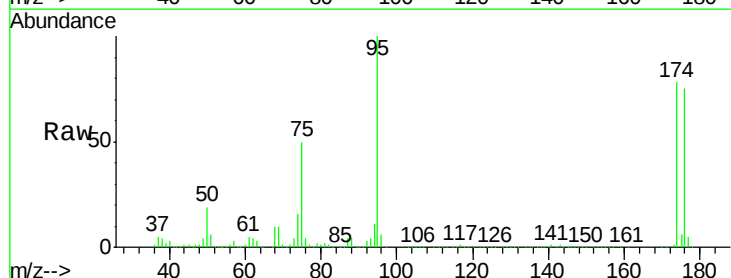
Tgt Ion: 95 Resp: 526269

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

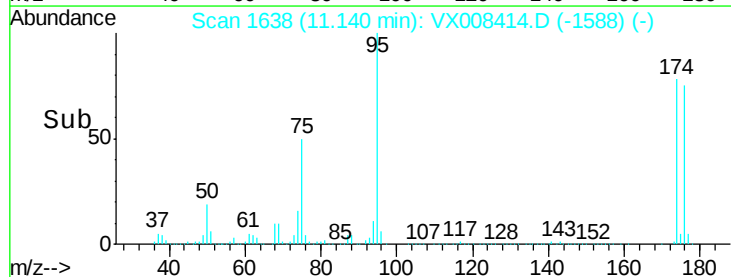
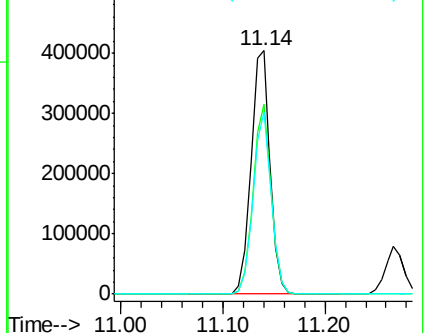
176 72.2 0.0 142.4

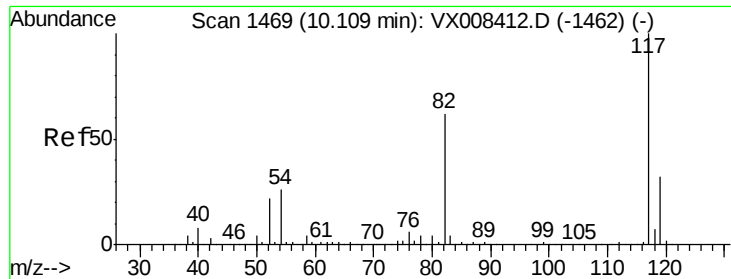


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

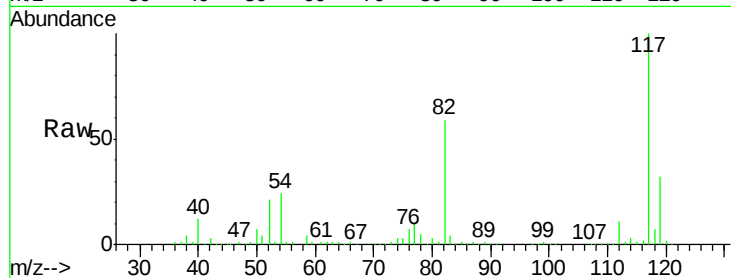




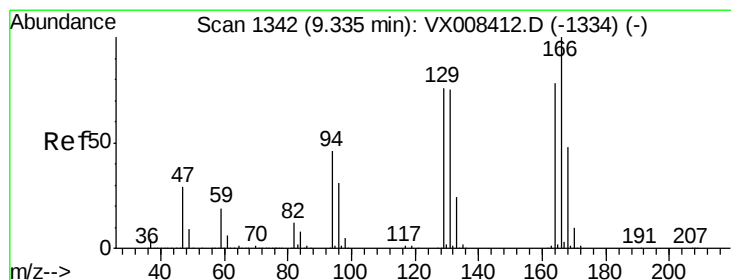
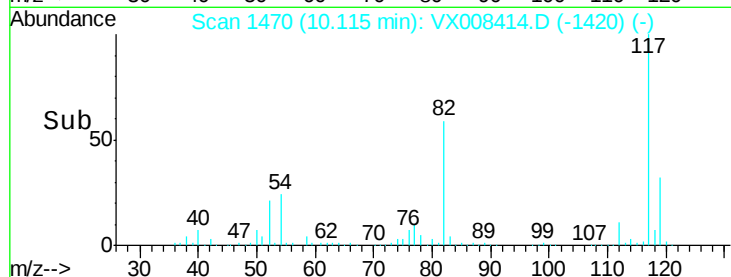
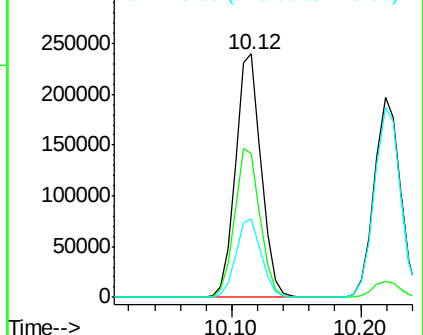
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 329917
Ion Ratio Lower Upper
117 100
82 59.0 49.4 74.2
119 32.0 25.4 38.0



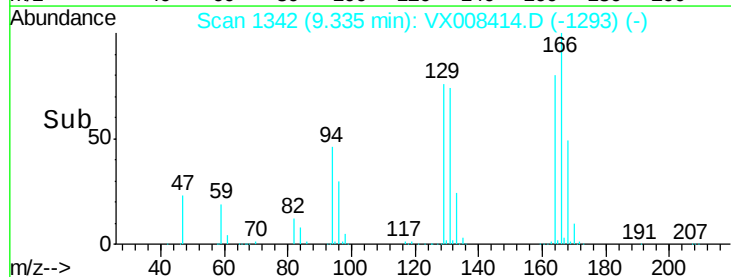
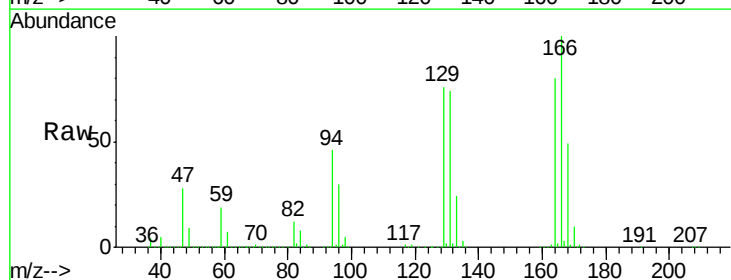
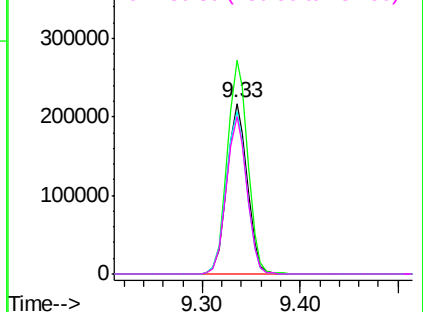
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

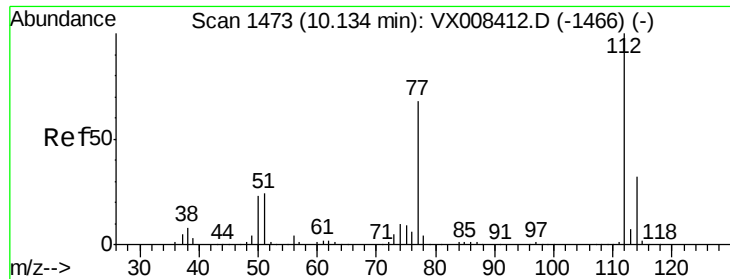


#64
Tetrachloroethene
Concen: 144.200 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion:164 Resp: 311327
Ion Ratio Lower Upper
164 100
166 125.0 102.5 153.7
129 95.5 77.8 116.8
131 92.5 76.9 115.3

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

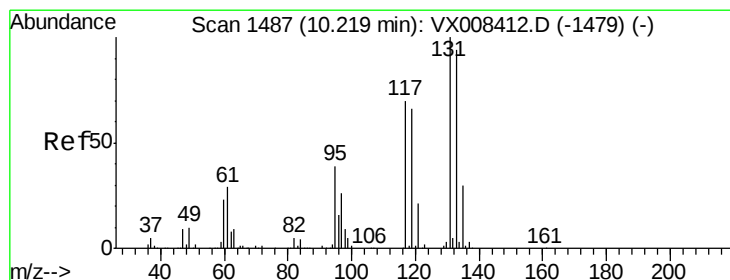
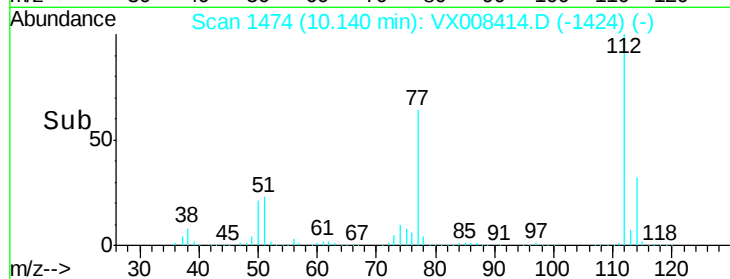
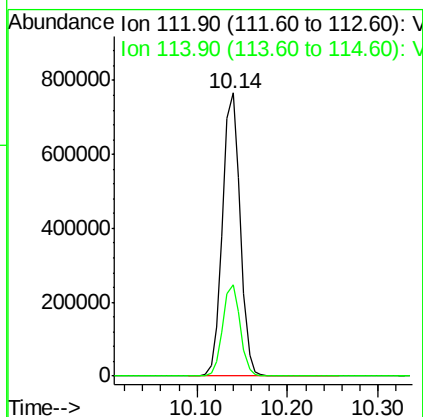
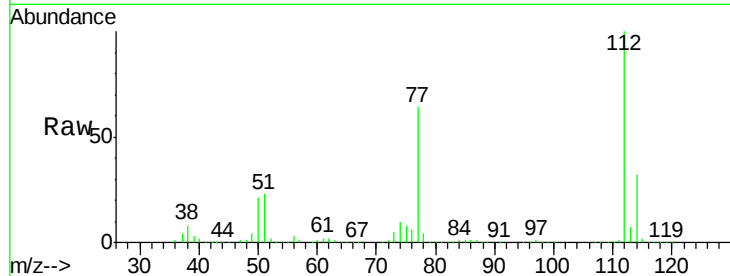




#65
Chlorobenzene
Concen: 150.011 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

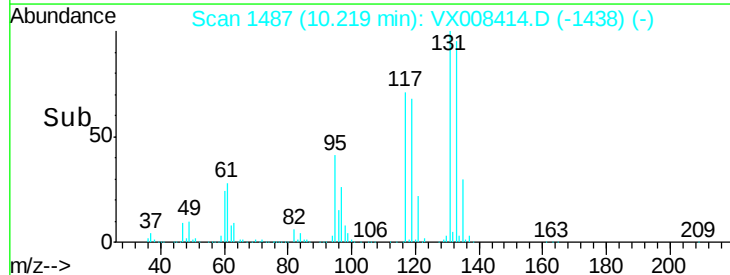
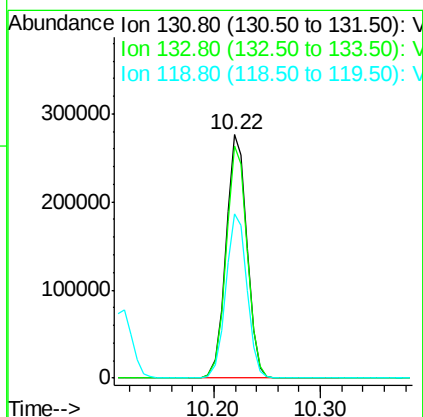
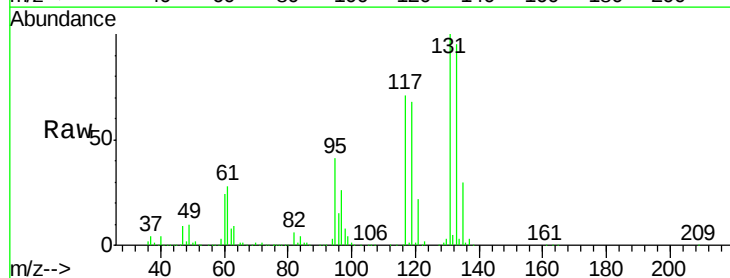
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

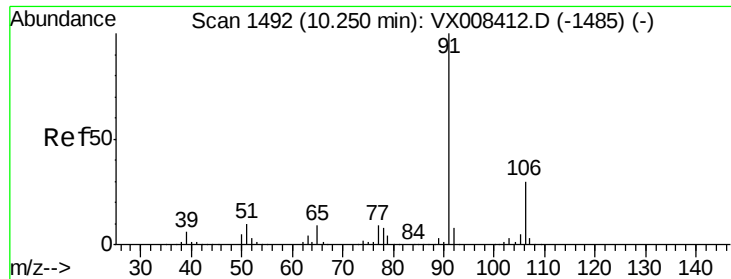
Tgt Ion:112 Resp: 1040711
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 157.721 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion:131 Resp: 379697
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 68.3 33.6 100.6

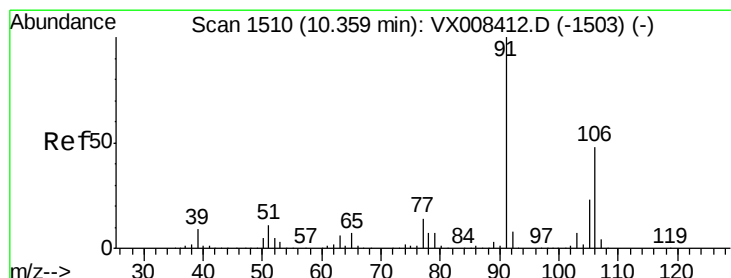
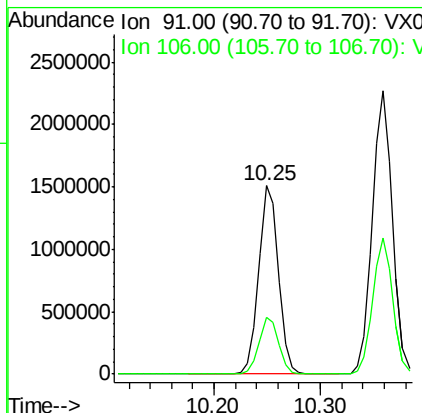
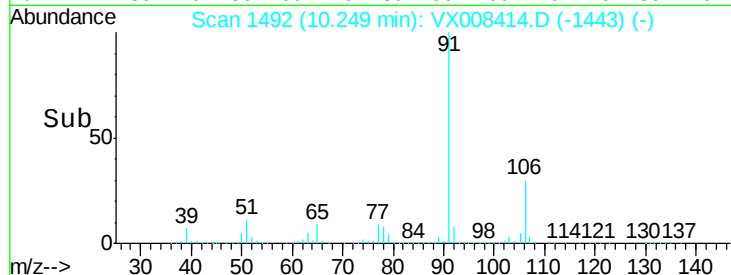
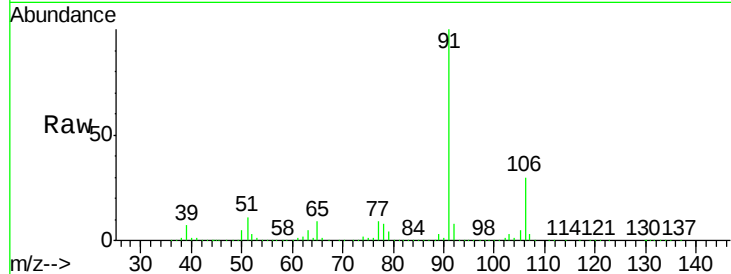




#67
Ethyl Benzene
Concen: 151.045 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

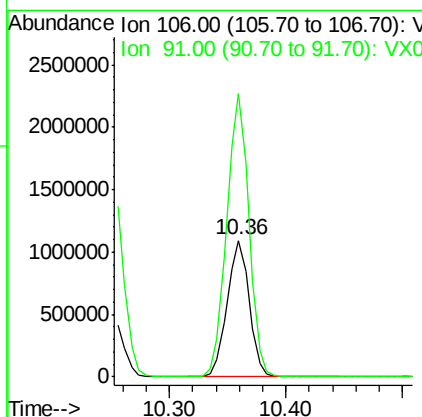
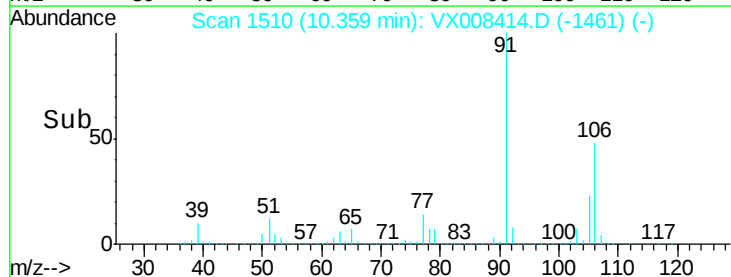
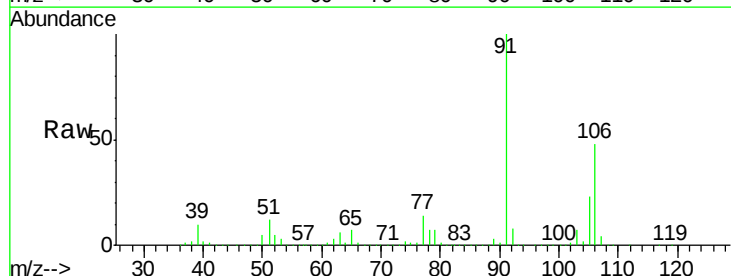
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

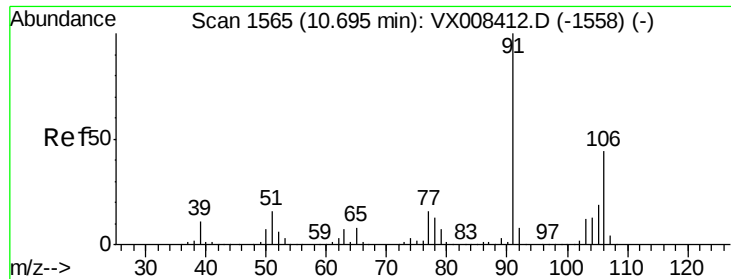
Tgt Ion: 91 Resp: 1966128
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 307.075 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 106 Resp: 1436080
Ion Ratio Lower Upper
106 100
91 208.8 168.6 253.0

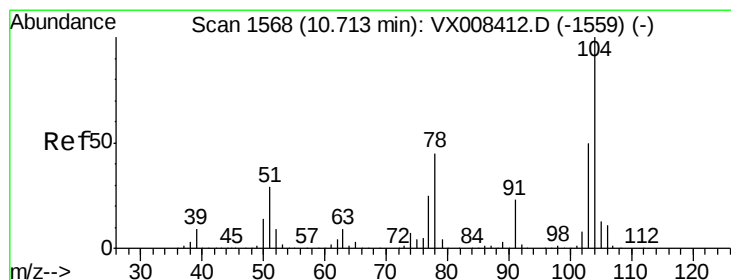
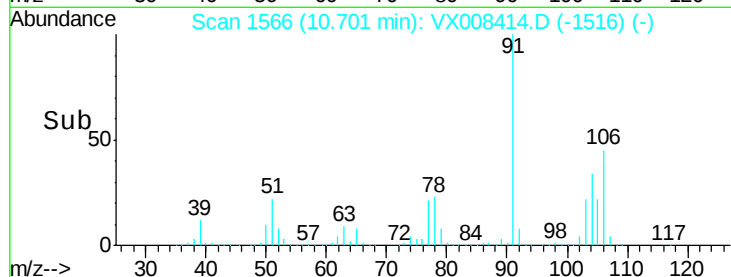
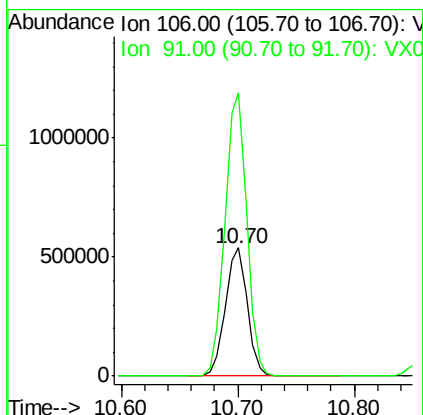
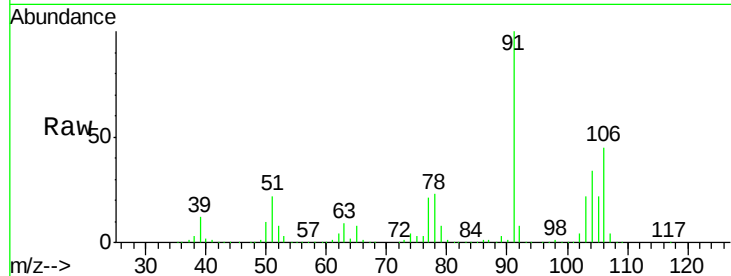




#69
o-Xylene
Concen: 152.802 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

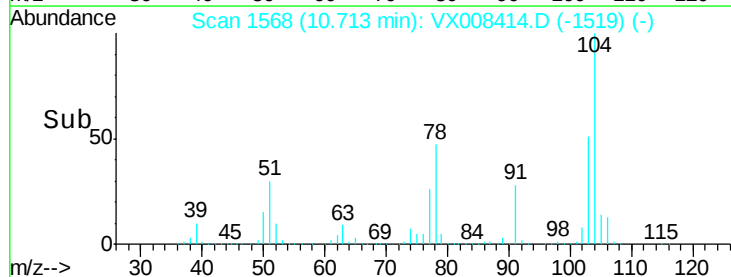
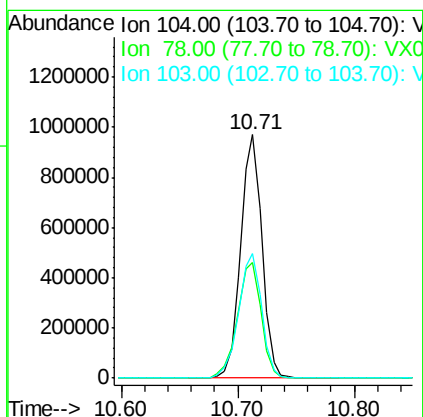
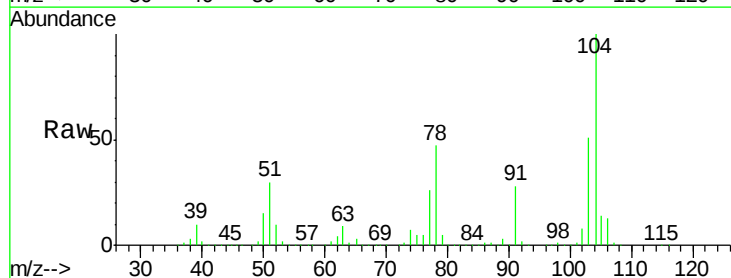
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

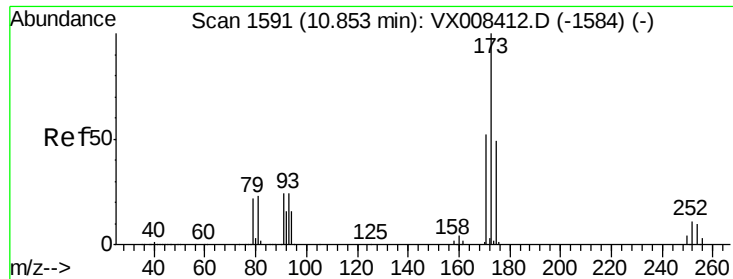
Tgt Ion:106 Resp: 698815
Ion Ratio Lower Upper
106 100
91 220.9 111.4 334.2



#70
Styrene
Concen: 155.794 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion:104 Resp: 1236017
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.6 44.2 66.4





#71

Bromoform

Concen: 173.622 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

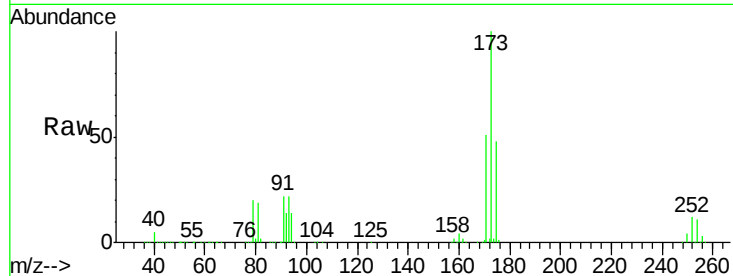
Tgt Ion:173 Resp: 324030

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

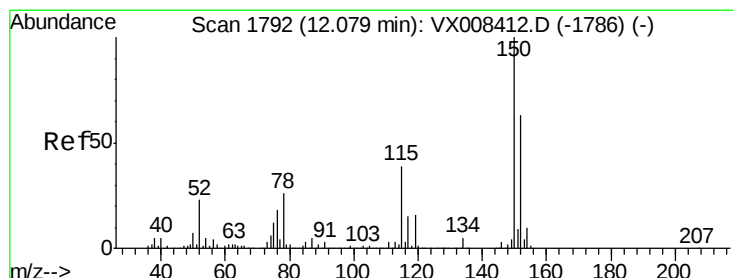
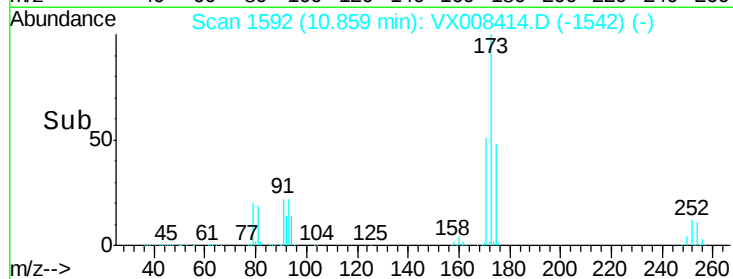
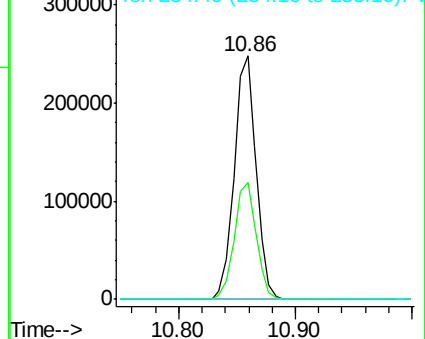
254 0.2 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

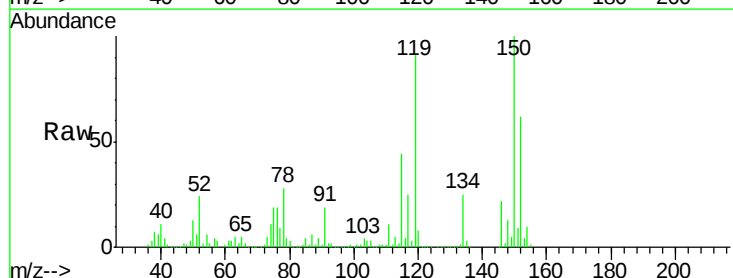
Tgt Ion:152 Resp: 159725

Ion Ratio Lower Upper

152 100

115 136.9 43.5 130.5#

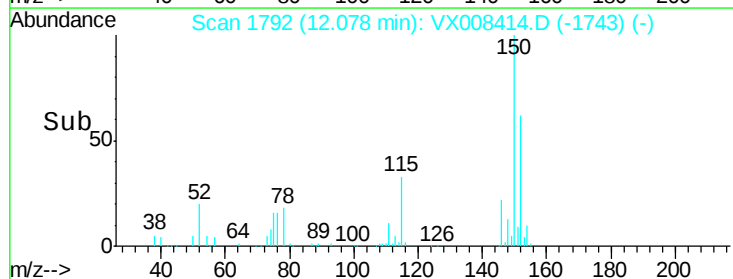
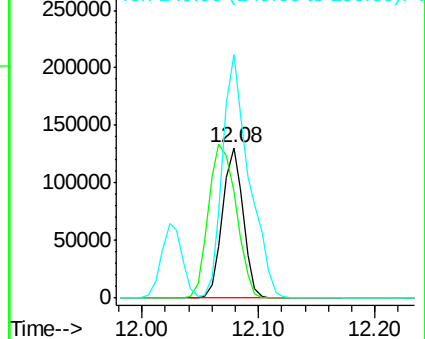
150 208.2 0.0 348.8

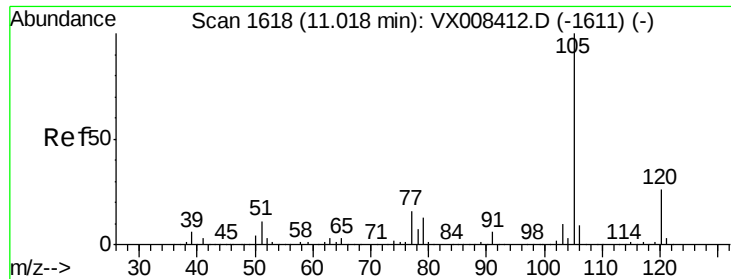


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 146.459 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

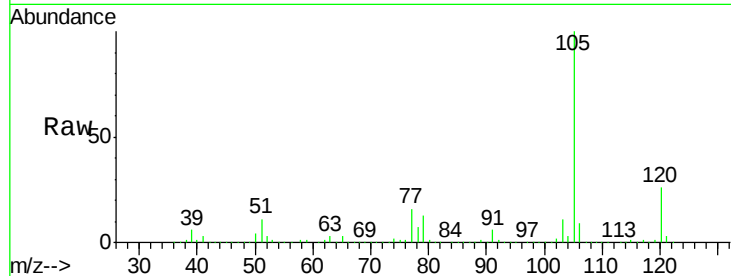
VSTDIC150

Tgt Ion:105 Resp: 1846491

Ion Ratio Lower Upper

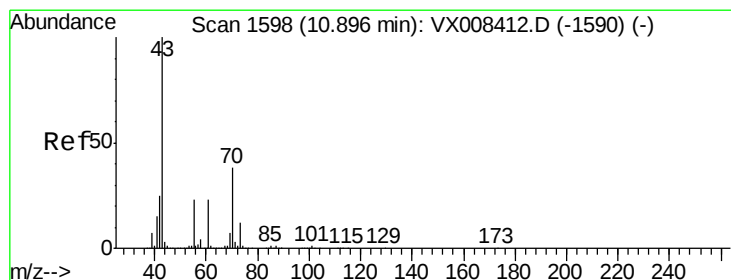
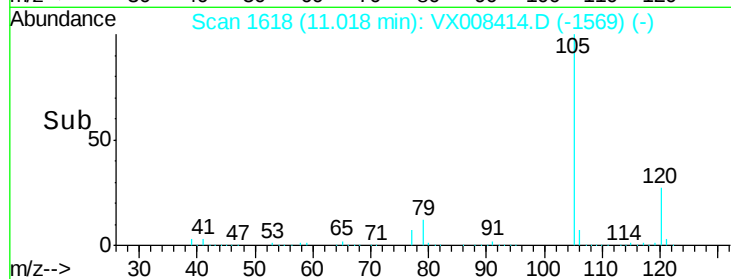
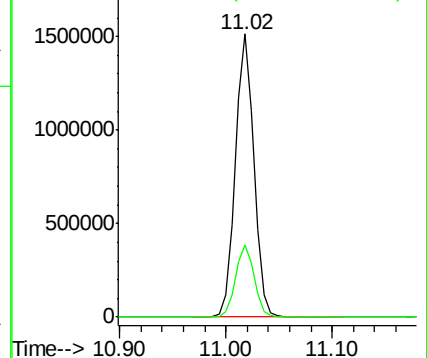
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 151.746 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Tgt Ion: 43 Resp: 1120084

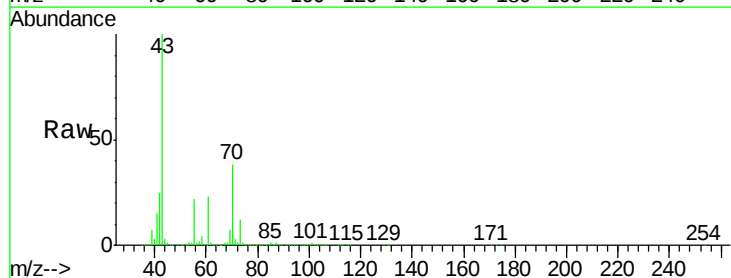
Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 22.2 18.2 27.2

61 23.0 18.4 27.6

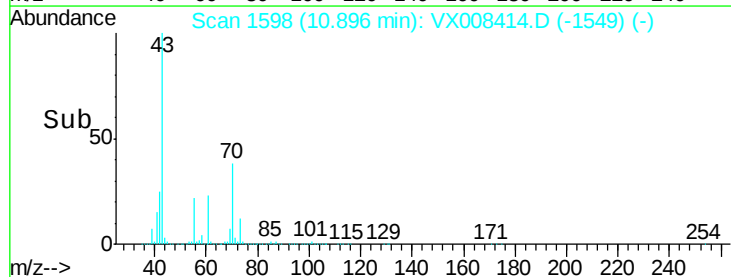
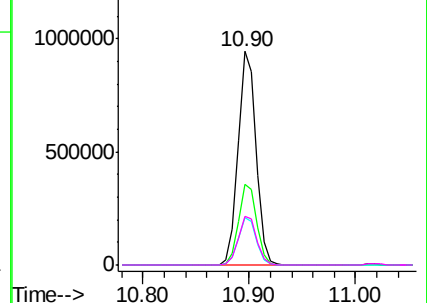


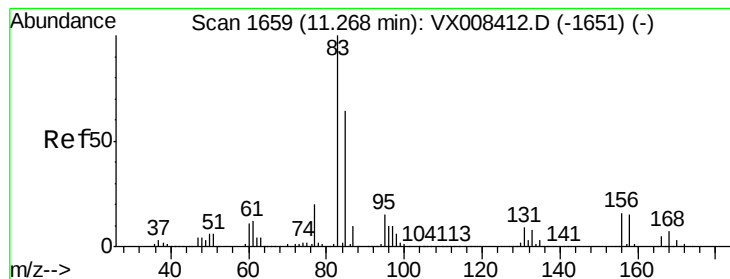
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 138.744 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

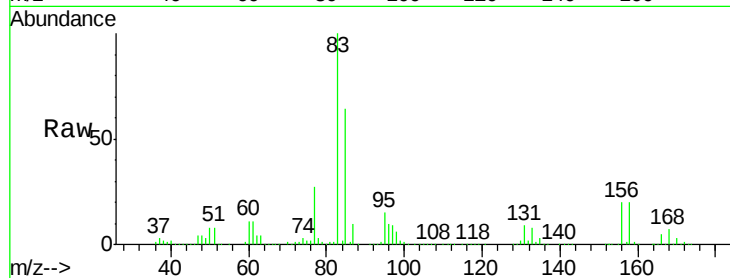
Tgt Ion: 83 Resp: 695098

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	63.9	31.9	95.9

83 100

131 8.9 4.5 13.4

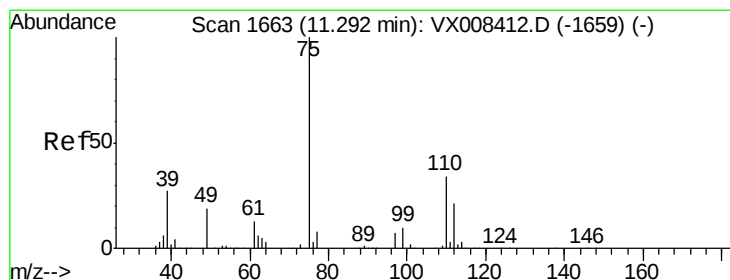
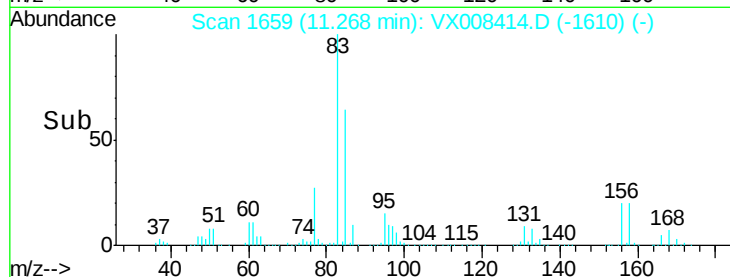
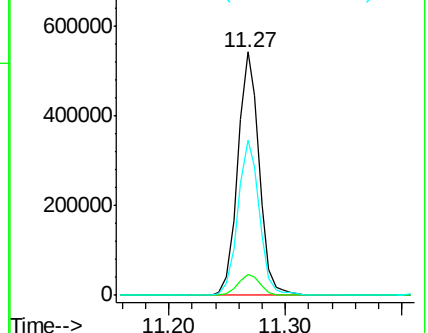
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 197.951 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008414.D

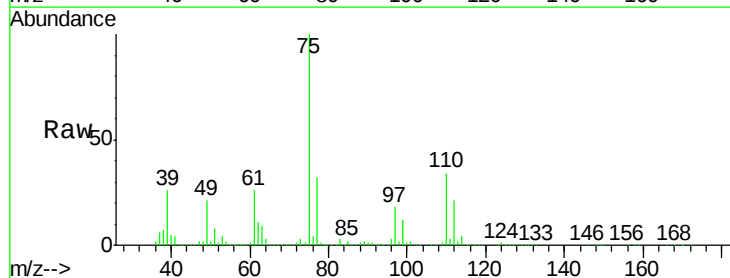
Acq: 25 Mar 2019 15:40

Tgt Ion: 75 Resp: 828022

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.9	65.7

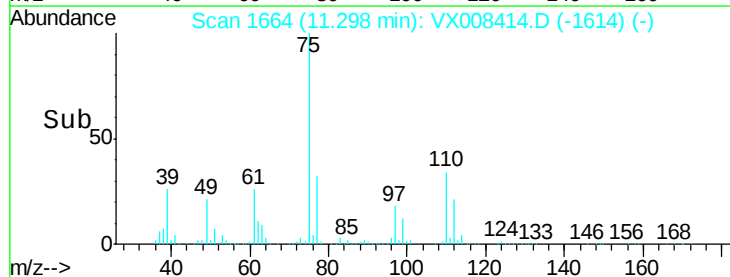
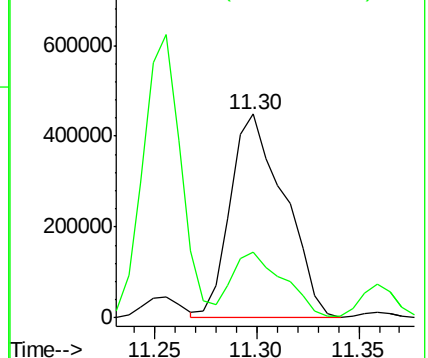
75 100

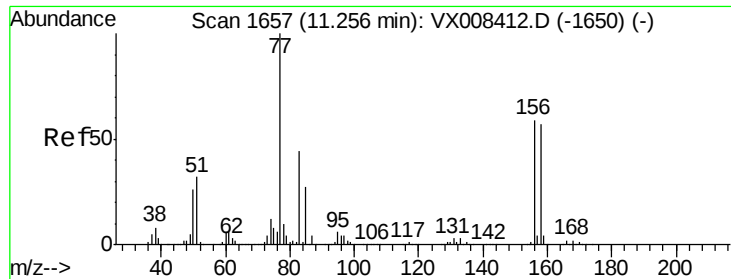
77 31.0 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 147.108 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

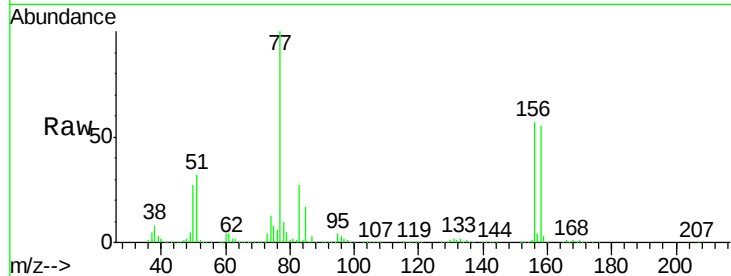
Tgt Ion:156 Resp: 440421

Ion Ratio Lower Upper

156 100

77 182.9 91.1 273.3

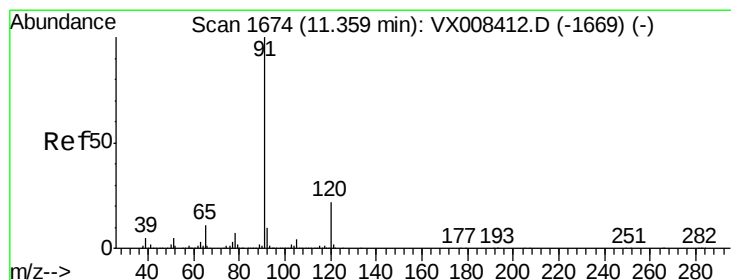
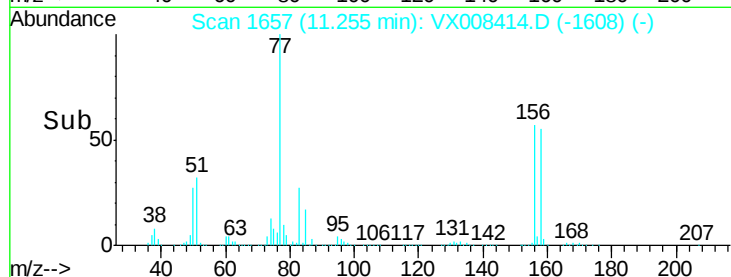
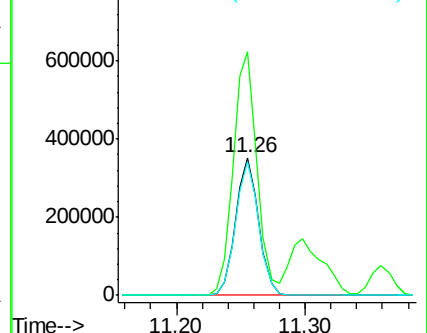
158 97.0 48.3 144.8



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: 148.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008414.D

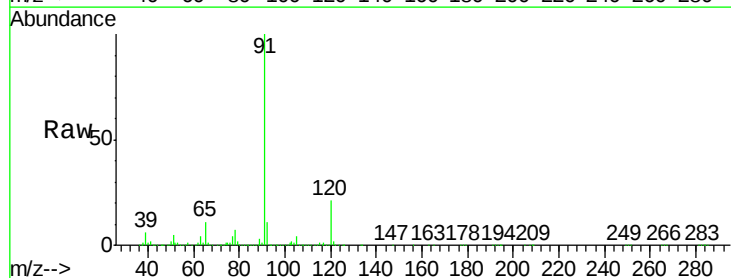
Acq: 25 Mar 2019 15:40

Tgt Ion: 91 Resp: 2191419

Ion Ratio Lower Upper

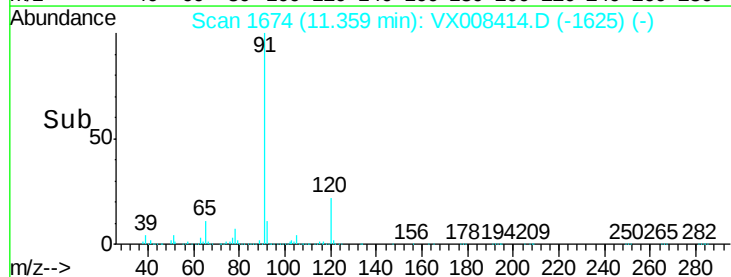
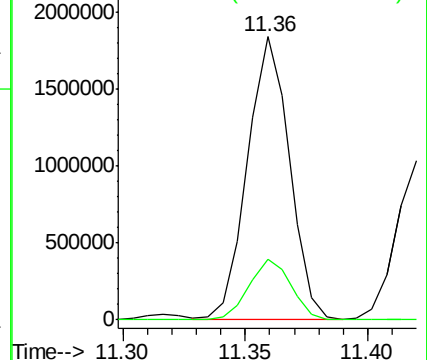
91 100

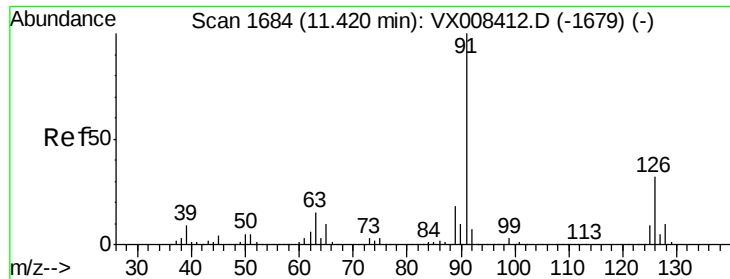
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

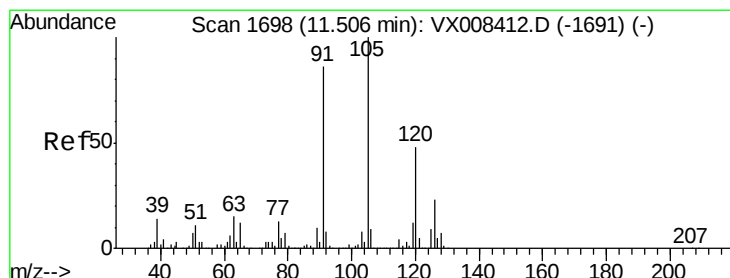
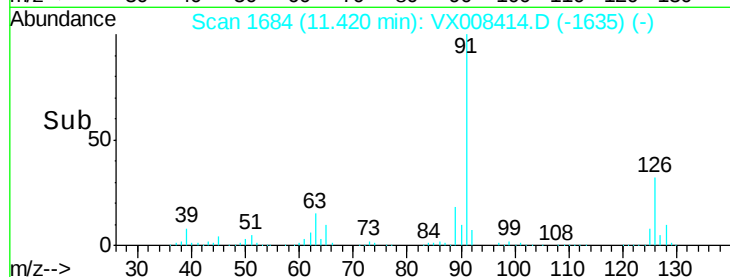
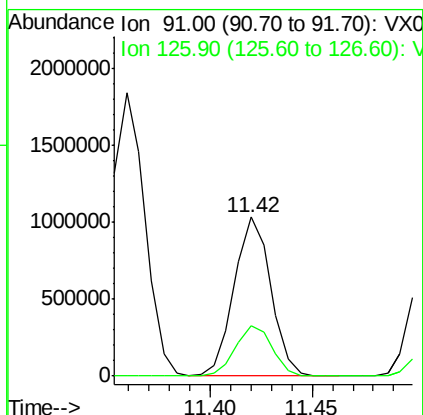
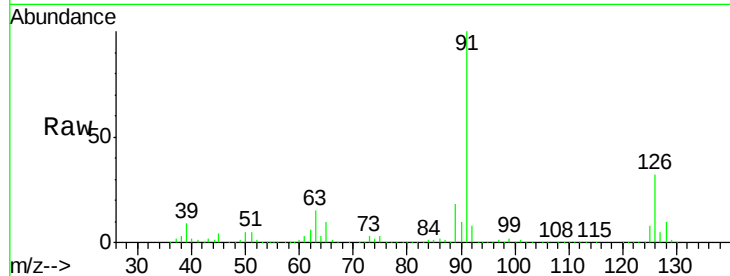




#79
 2-Chlorotoluene
 Concen: 142.390 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

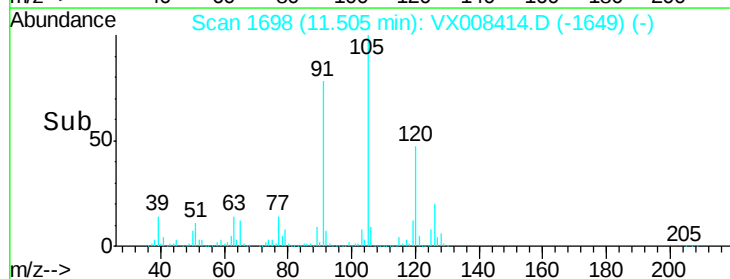
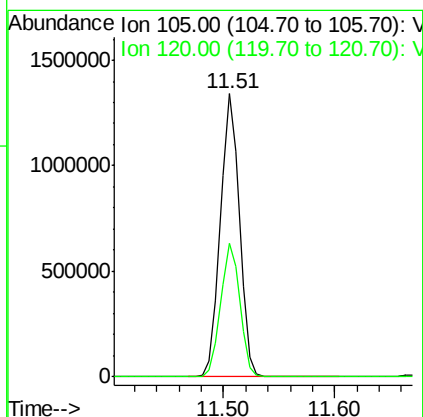
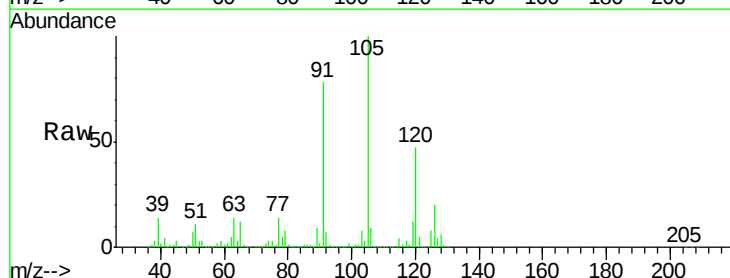
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

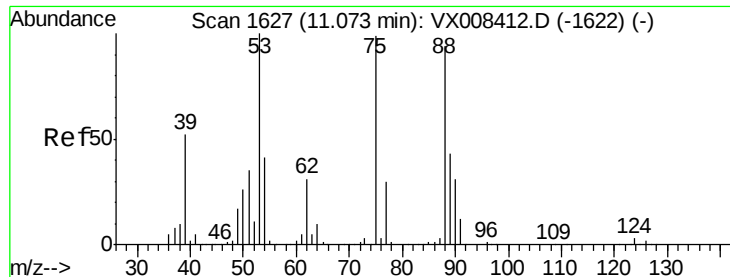
Tgt Ion: 91 Resp: 1284558
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 147.986 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 105 Resp: 1587677
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 175.796 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

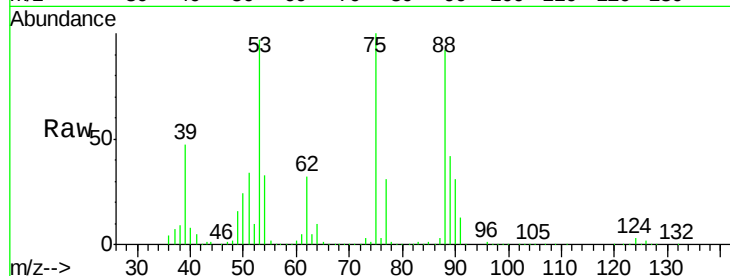
Tgt Ion: 75 Resp: 257330

Ion Ratio Lower Upper

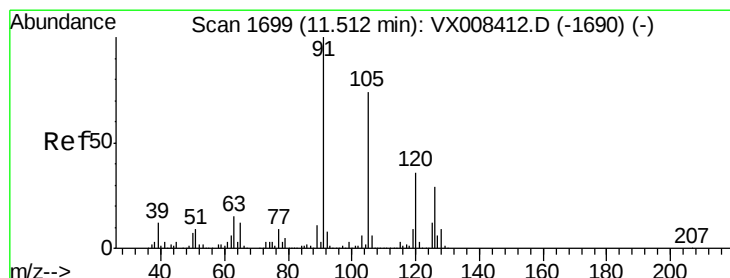
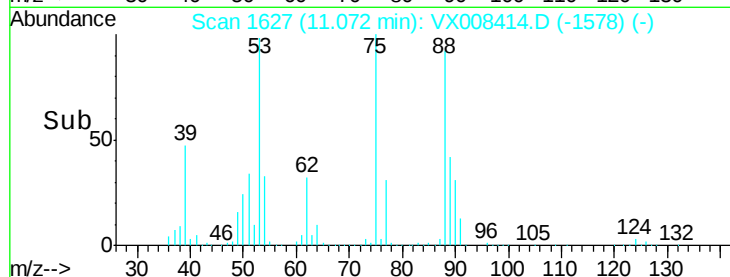
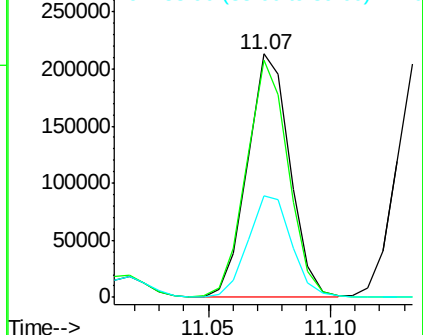
75 100

53 96.1 82.1 123.1

89 43.2 34.6 52.0



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: 147.179 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008414.D

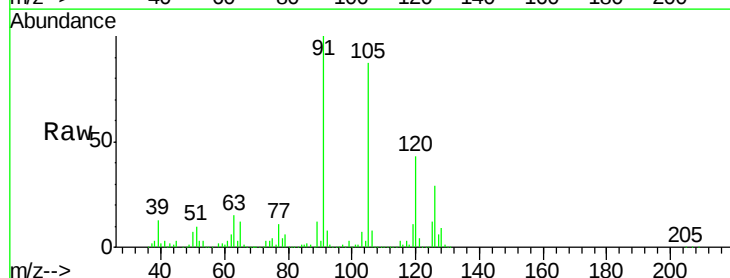
Acq: 25 Mar 2019 15:40

Tgt Ion: 91 Resp: 1527224

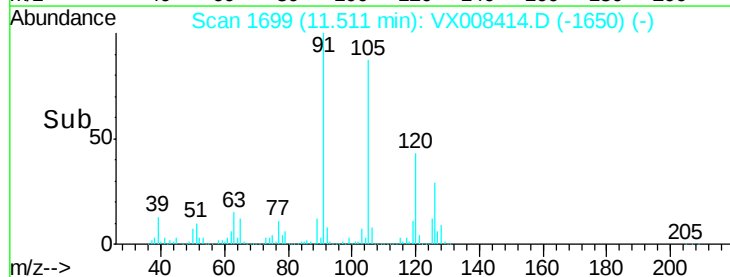
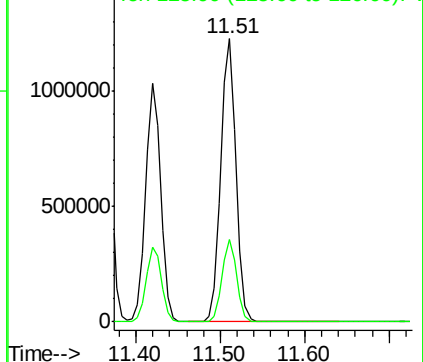
Ion Ratio Lower Upper

91 100

126 28.2 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

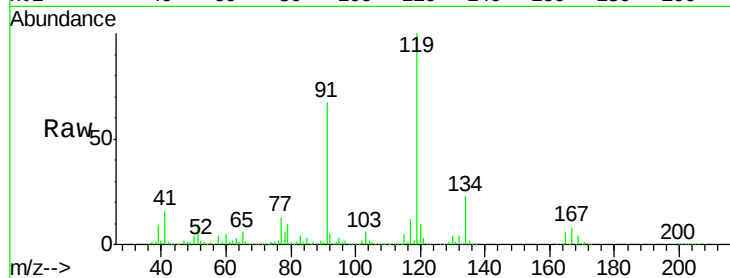




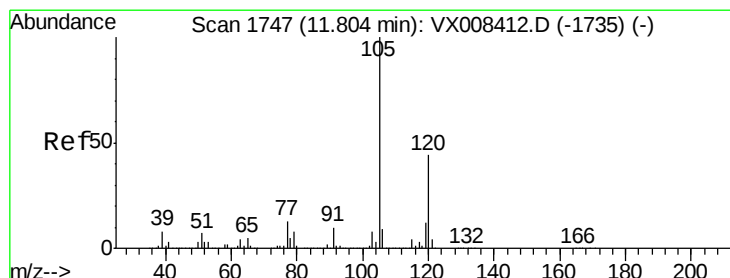
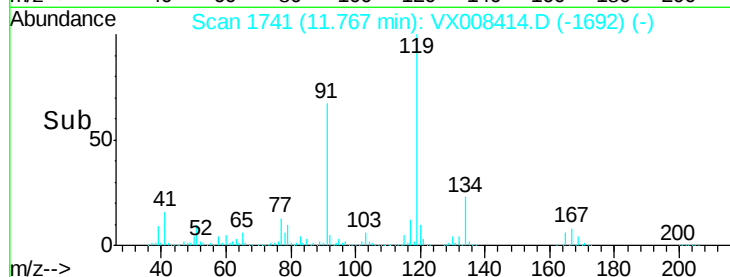
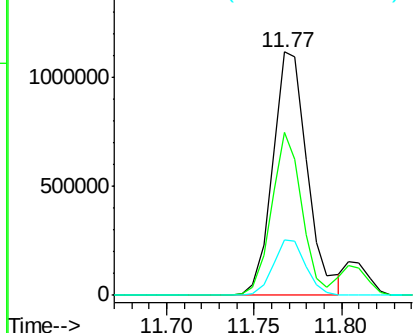
#83
 tert-Butylbenzene
 Concen: 151.786 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion:119 Resp: 1546750
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.1 90.3
 134 21.5 10.9 32.9

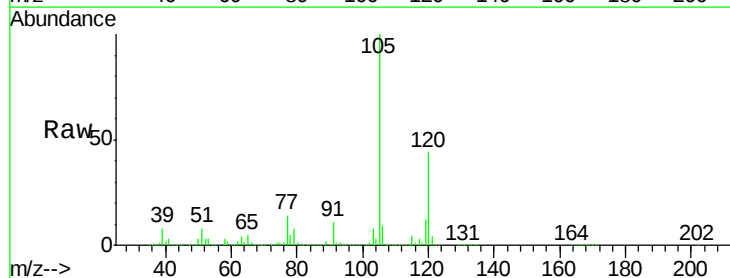


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

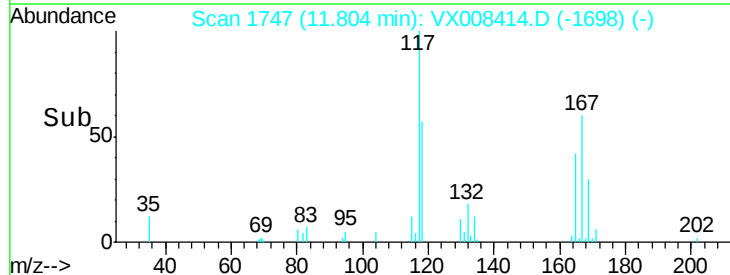
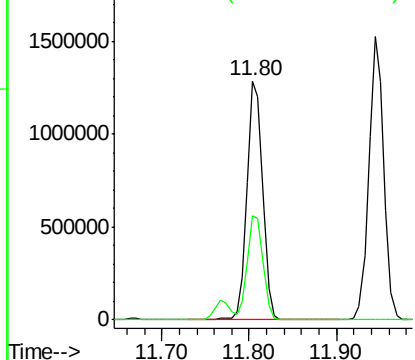


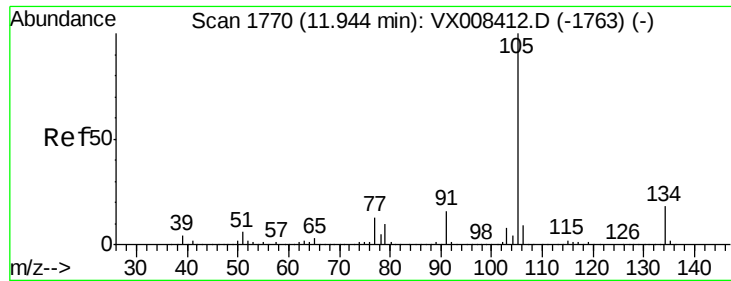
#84
 1,2,4-Trimethylbenzene
 Concen: 147.519 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion:105 Resp: 1581408
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 148.639 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

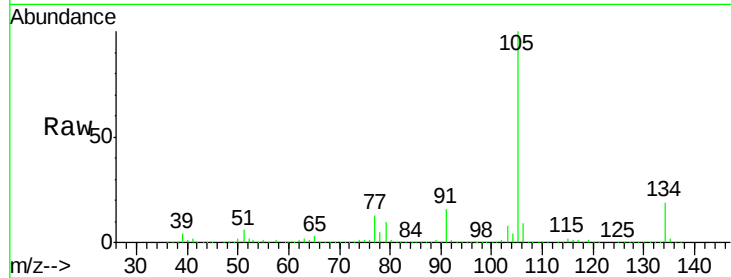
VSTDIC150

Tgt Ion:105 Resp: 1821881

Ion Ratio Lower Upper

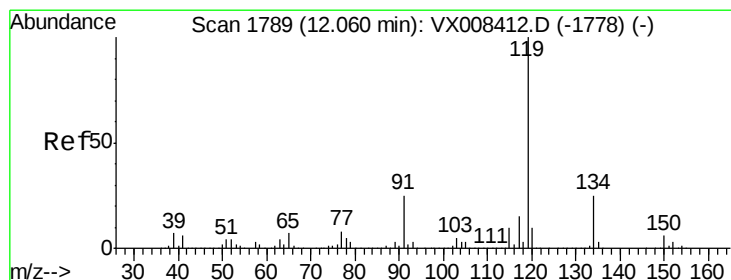
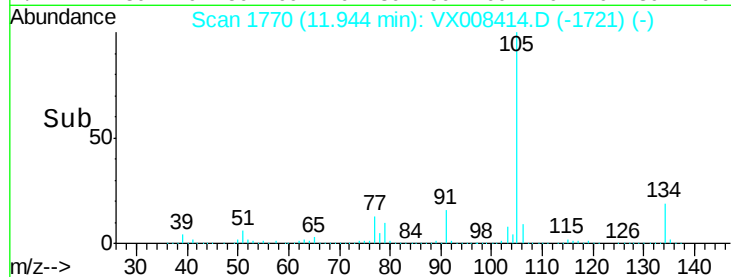
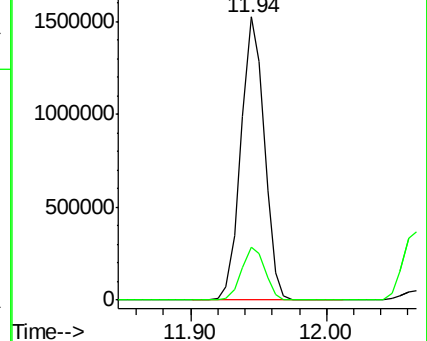
105 100

134 18.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 151.990 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX008414.D

Acq: 25 Mar 2019 15:40

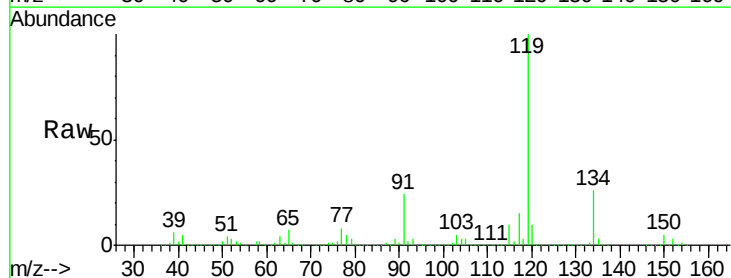
Tgt Ion:119 Resp: 1641963

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

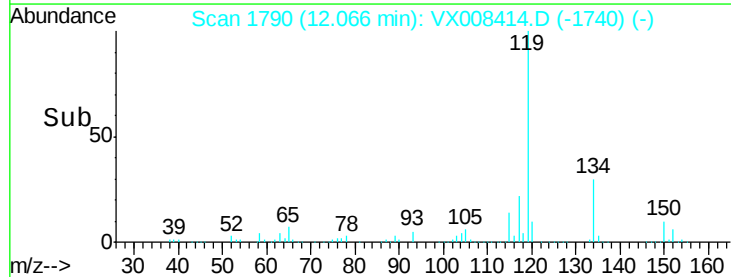
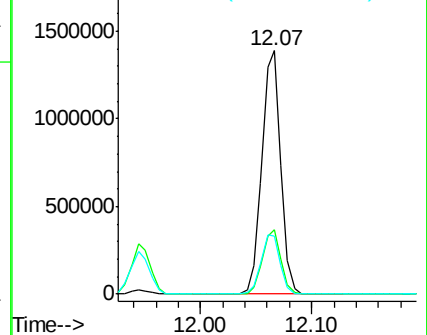
91 24.7 12.4 37.0

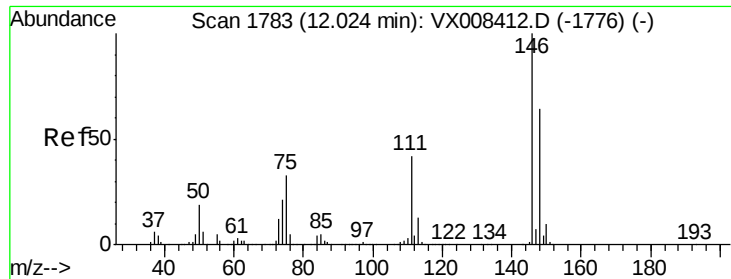


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

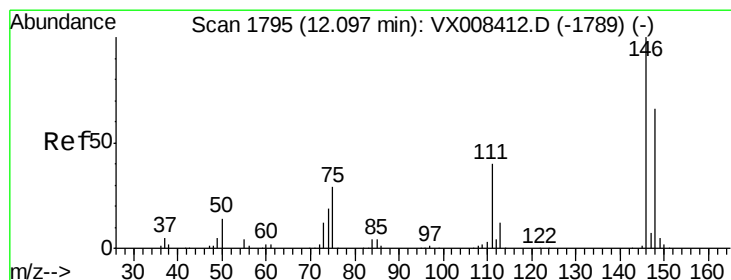
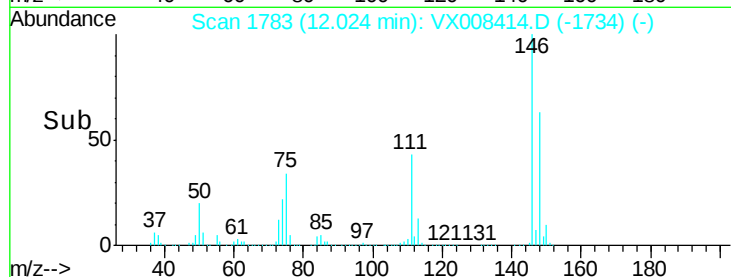
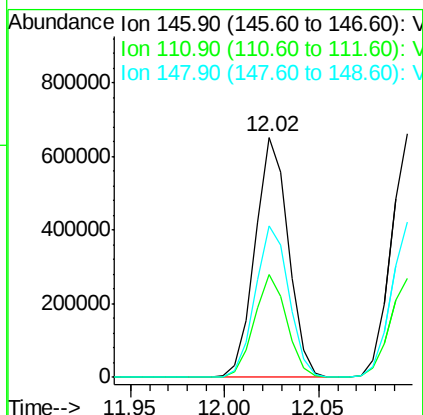
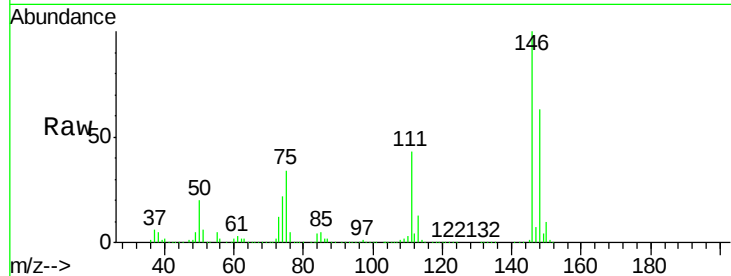




#87
 1,3-Dichlorobenzene
 Concen: 148.307 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

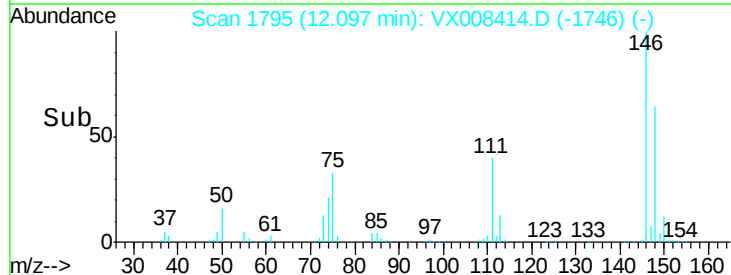
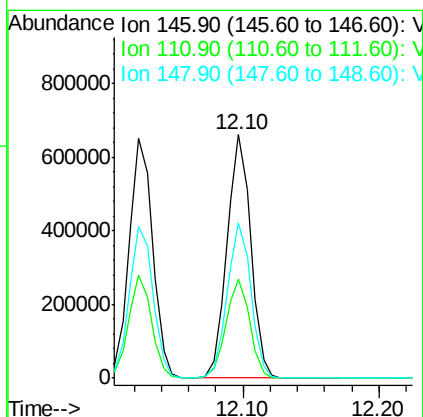
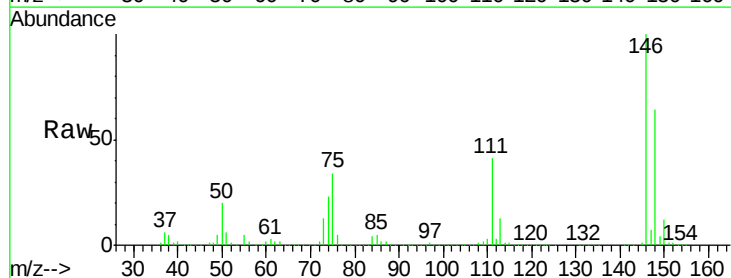
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

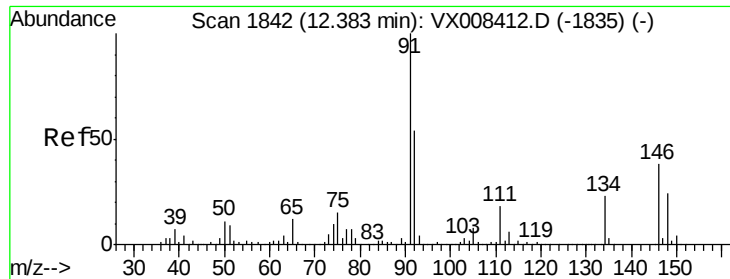
Tgt Ion:146 Resp: 796735
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 145.847 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion:146 Resp: 798332
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 61.0
 148 64.0 32.1 96.5

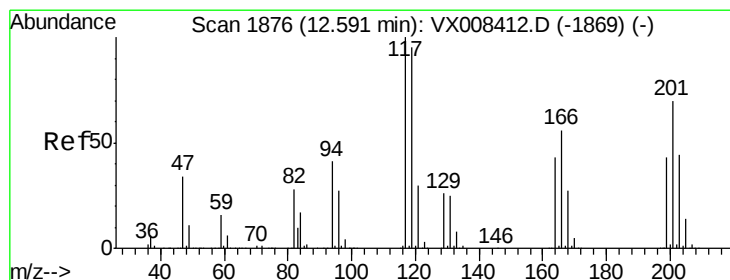
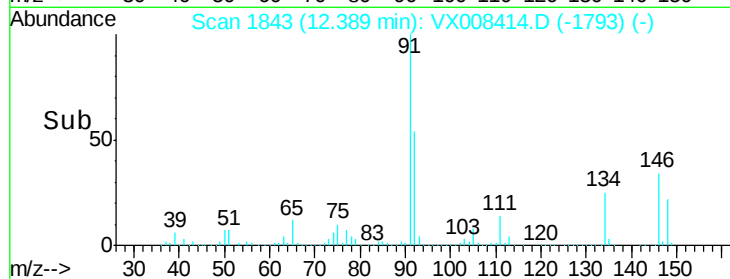
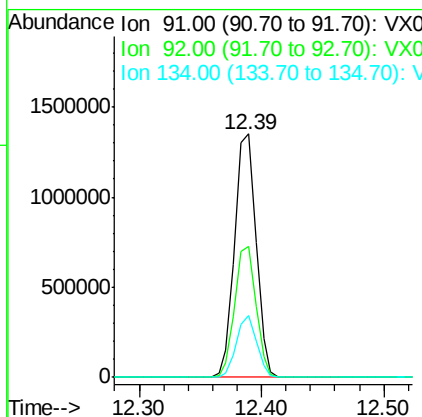
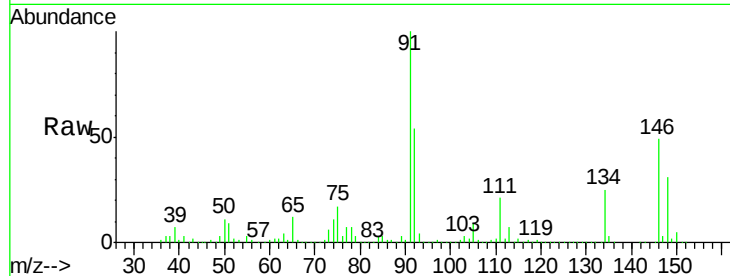




#89
n-Butylbenzene
Concen: 158.192 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

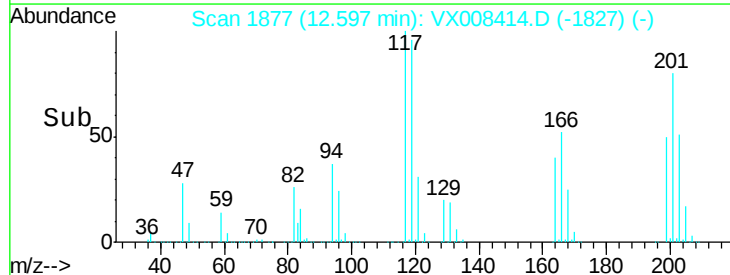
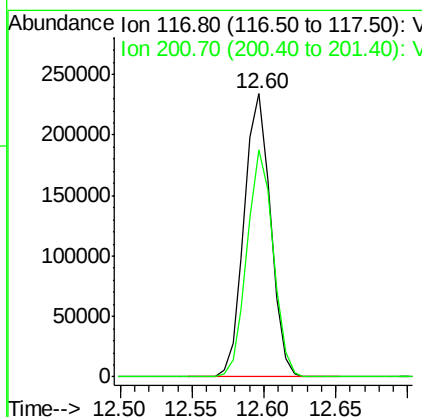
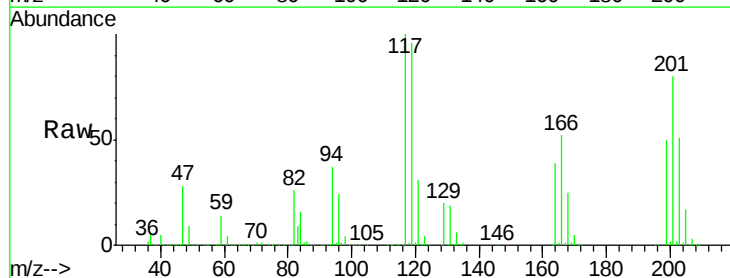
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

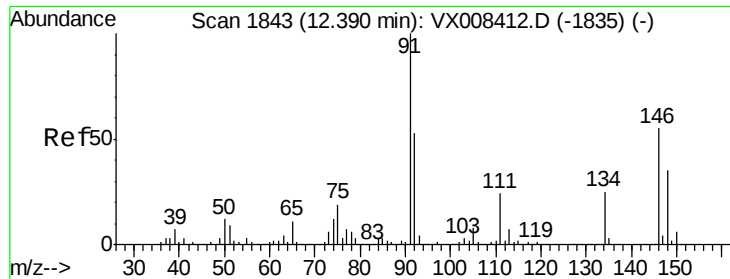
Tgt Ion: 91 Resp: 1630022
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.5
134 24.2 11.8 35.4



#90
Hexachloroethane
Concen: 165.968 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion: 117 Resp: 296777
Ion Ratio Lower Upper
117 100
201 79.1 39.4 118.1

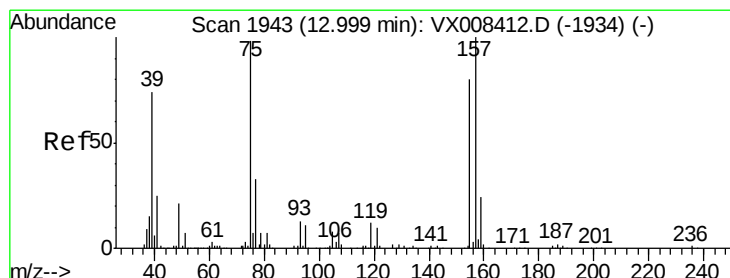
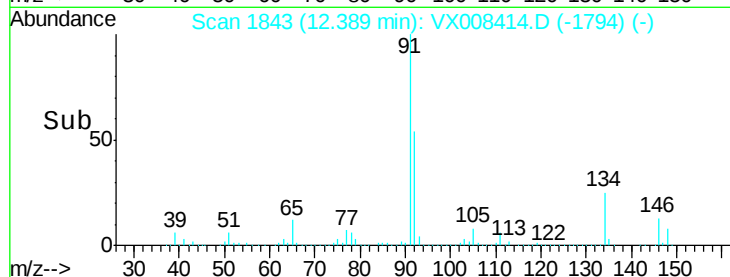
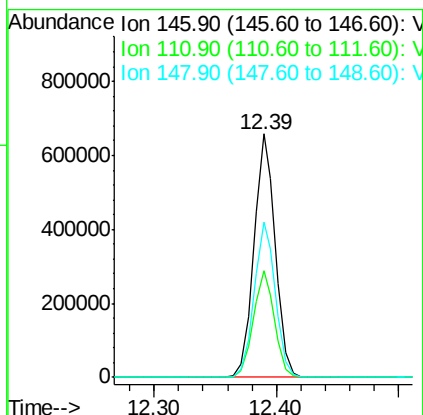
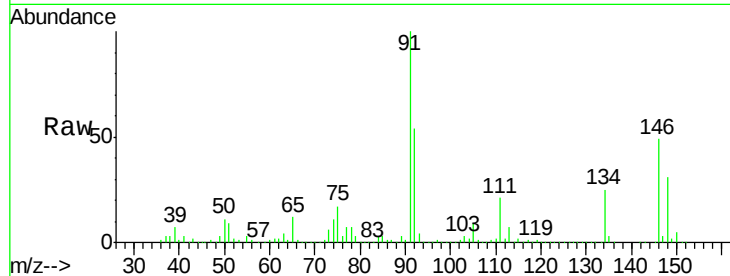




#91
 1,2-Dichlorobenzene
 Concen: 146.250 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

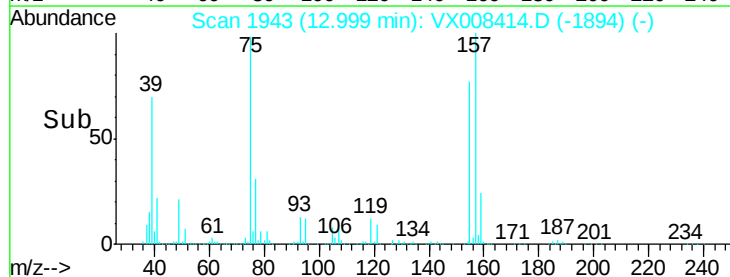
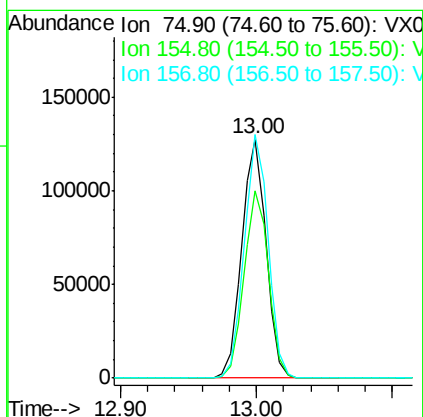
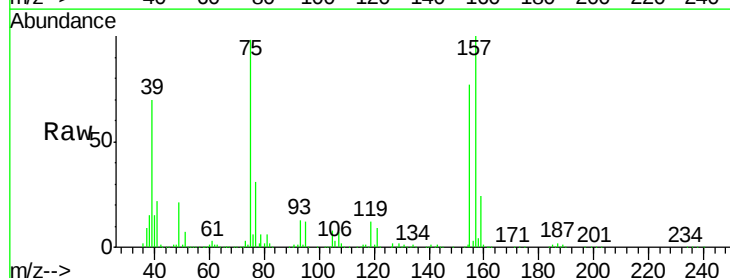
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

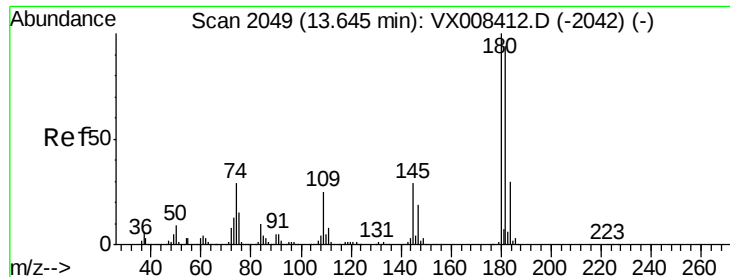
Tgt Ion:146 Resp: 797653
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 64.6
 148 63.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.439 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion: 75 Resp: 158232
 Ion Ratio Lower Upper
 75 100
 155 79.1 39.5 118.5
 157 100.8 49.9 149.7

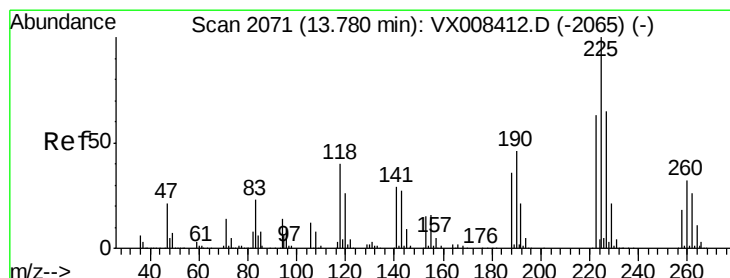
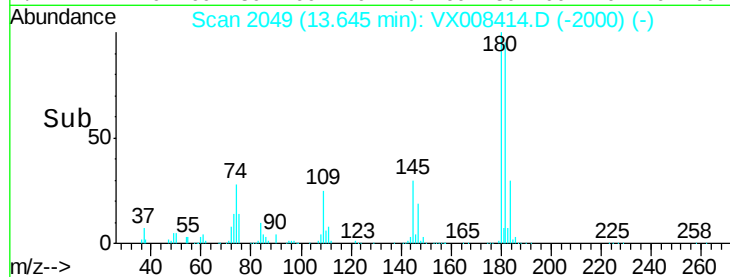
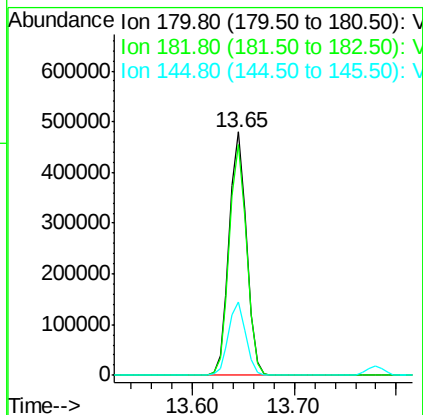
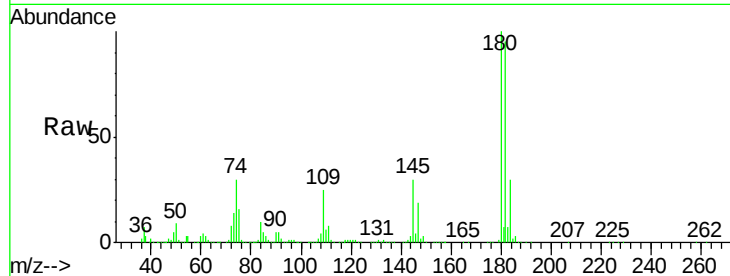




#93
 1,2,4-Trichlorobenzene
 Concen: 151.971 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

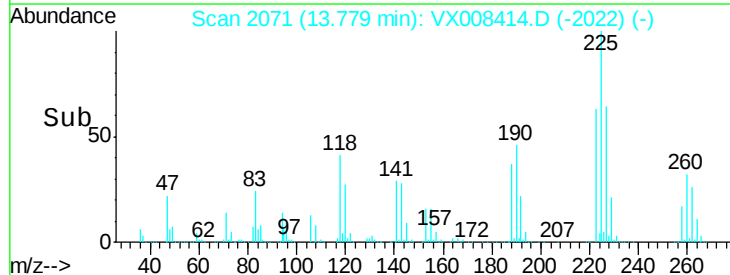
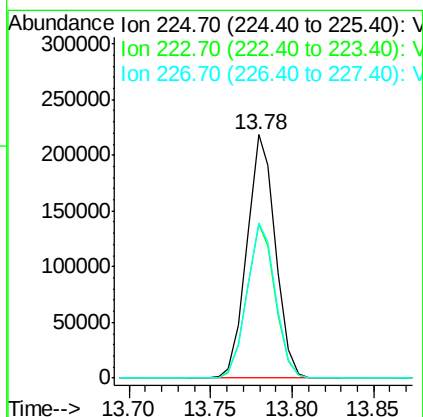
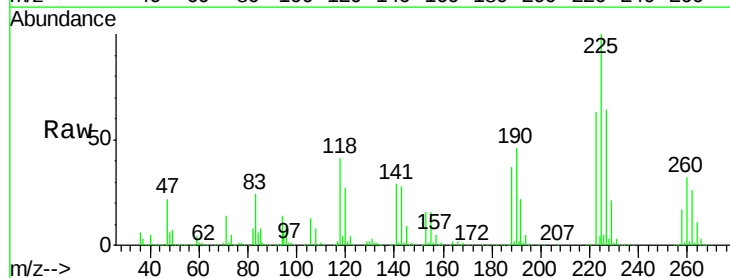
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

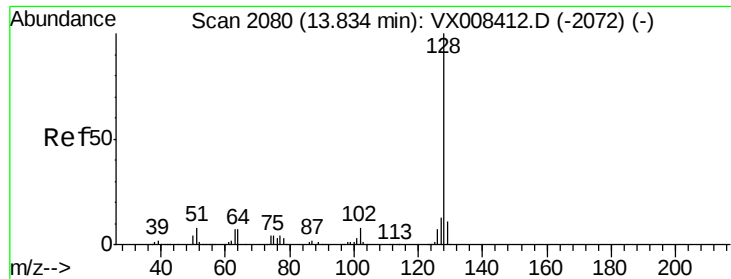
Tgt Ion:180 Resp: 560225
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 30.4 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 152.579 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008414.D
 Acq: 25 Mar 2019 15:40

Tgt Ion:225 Resp: 265550
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.0
 227 63.7 31.9 95.9

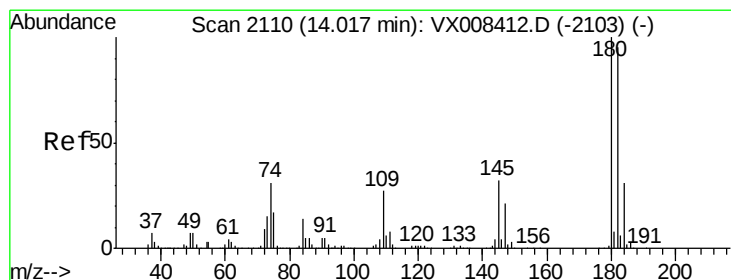
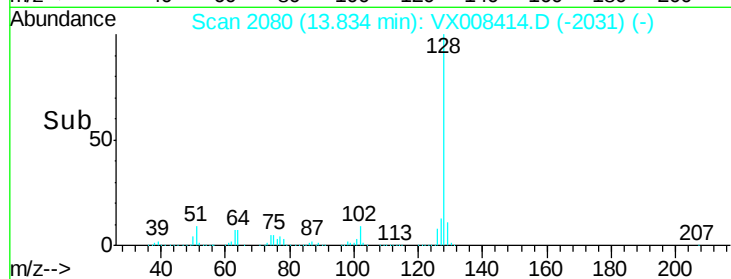
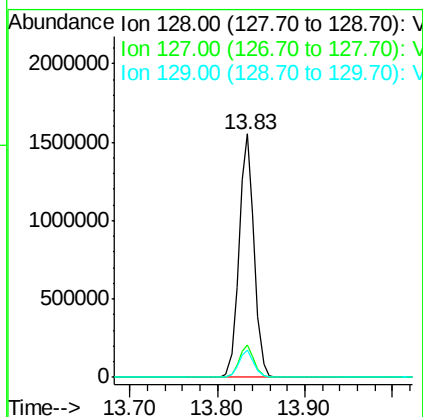
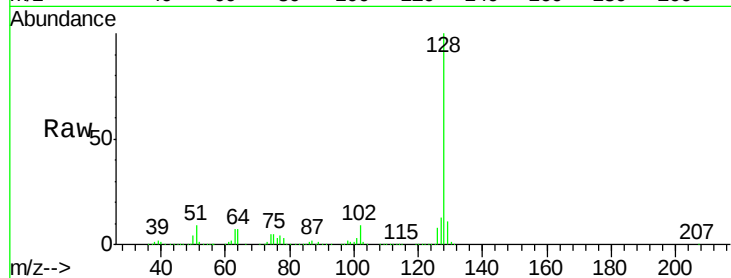




#95
Naphthalene
Concen: 145.653 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1870376
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 149.258 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008414.D
Acq: 25 Mar 2019 15:40

Tgt Ion:180 Resp: 552662
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 32.4 16.2 48.5

