

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010819\
 Data File : VX006953.D
 Acq On : 08 Jan 2019 13:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 12 01:02:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	579920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	847182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	740490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	892620	147.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.56%	
35) Dibromofluoromethane	5.51	113	827927	152.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.20%	
50) Toluene-d8	8.71	98	2921558	147.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.24%	
62) 4-Bromofluorobenzene	11.14	95	1069419	154.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	751118	157.722	ug/l	98
3) Chloromethane	1.32	50	791010	142.680	ug/l	98
4) Vinyl Chloride	1.41	62	869986	145.882	ug/l	99
5) Bromomethane	1.64	94	859482	134.894	ug/l	98
6) Chloroethane	1.71	64	693449	166.531	ug/l	100
7) Trichlorofluoromethane	1.92	101	1440454	149.489	ug/l	99
8) Diethyl Ether	2.19	74	556338	145.124	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	848358	147.057	ug/l	100
10) Methyl Iodide	2.51	142	1264623	162.512	ug/l	100
11) Tert butyl alcohol	3.11	59	1070108	748.500	ug/l	98
12) 1,1-Dichloroethene	2.37	96	807628	151.528	ug/l	99
13) Acrolein	2.30	56	474056	762.430	ug/l	98
14) Allyl chloride	2.73	41	1417312	155.161	ug/l	99
15) Acrylonitrile	3.16	53	2355686	717.759	ug/l	100
16) Acetone	2.46	43	2020278	674.281	ug/l	100
17) Carbon Disulfide	2.56	76	2184919	159.223	ug/l	99
18) Methyl Acetate	2.78	43	1212495	139.740	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	2764689	149.447	ug/l	99
20) Methylene Chloride	2.85	84	847121	149.779	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	862124	145.148	ug/l	96
22) Diisopropyl ether	3.87	45	2494136	145.239	ug/l	95
23) Vinyl Acetate	3.83	43	10754051	742.577	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1408275	146.659	ug/l	99
25) 2-Butanone	4.71	43	2949453	687.980	ug/l	100
26) 2,2-Dichloropropane	4.58	77	1137734	154.084	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	940991	143.629	ug/l	98
28) Bromochloromethane	5.02	49	589062	140.017	ug/l	97
29) Tetrahydrofuran	5.16	42	1962195	704.281	ug/l	97
30) Chloroform	5.22	83	1469224	146.139	ug/l	99
31) Cyclohexane	5.57	56	1262997	147.780	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	1328245	155.869	ug/l	99
36) 1,1-Dichloropropene	5.80	75	1109278	150.604	ug/l	99
37) Ethyl Acetate	4.86	43	1155655	146.349	ug/l	98
38) Carbon Tetrachloride	5.78	117	1192388	160.902	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1383611	147.350	ug/l	97
40) Benzene	6.14	78	3291080	146.436	ug/l	99
41) Methacrylonitrile	5.07	41	628726	138.211	ug/l	98
42) 1,2-Dichloroethane	6.20	62	1101828	141.872	ug/l	99
43) Isopropyl Acetate	6.46	43	1869998	150.132	ug/l	98
44) Trichloroethene	7.21	130	975802	144.891	ug/l	98
45) 1,2-Dichloropropane	7.52	63	826525	146.283	ug/l	98
46) Dibromomethane	7.66	93	593913	149.564	ug/l	96
47) Bromodichloromethane	7.90	83	1102187	163.065	ug/l	98
48) Methyl methacrylate	7.78	41	928900	145.220	ug/l	97
49) 1,4-Dioxane	7.76	88	431002	2967.412	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	5869432	733.240	ug/l	100
52) Toluene	8.79	92	2063176	142.828	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1246076	166.254	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	1351358	163.266	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	844530	146.065	ug/l	99
56) Ethyl methacrylate	9.18	69	1286178	152.377	ug/l	96
57) 1,3-Dichloropropane	9.37	76	1349807	142.501	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	3250122	748.898	ug/l	99
59) 2-Hexanone	9.50	43	4669164	765.423	ug/l	99
60) Dibromochloromethane	9.59	129	955310	170.155	ug/l	99
61) 1,2-Dibromoethane	9.68	107	923640	145.107	ug/l	100
64) Tetrachloroethene	9.34	164	895190	139.634	ug/l	98
65) Chlorobenzene	10.14	112	2329360	144.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	877926	161.590	ug/l	99
67) Ethyl Benzene	10.25	91	3871359	145.199	ug/l	98
68) m/p-Xylenes	10.36	106	3104359	295.524	ug/l	99
69) o-Xylene	10.70	106	1512355	147.624	ug/l	98
70) Styrene	10.71	104	2501055	154.145	ug/l	99
71) Bromoform	10.86	173	806844	155.024	ug/l #	99
73) Isopropylbenzene	11.02	105	3966088	136.517	ug/l	99
74) N-amyl acetate	10.90	43	1801327	153.999	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1346514	145.994	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1549450	185.583	ug/l	92
77) Bromobenzene	11.26	156	1121095	140.050	ug/l	99
78) n-propylbenzene	11.36	91	4466062	140.033	ug/l	100
79) 2-Chlorotoluene	11.42	91	2623144	136.634	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3393432	139.790	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	444931	152.440	ug/l	93
82) 4-Chlorotoluene	11.51	91	3204355	144.155	ug/l	100
83) tert-Butylbenzene	11.77	119	3498757	144.457	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3463036	141.865	ug/l	100
85) sec-Butylbenzene	11.94	105	4069400	140.686	ug/l	100
86) p-Isopropyltoluene	12.07	119	3728879	144.123	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	2057610	142.210	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2070613	150.749	ug/l	99
89) n-Butylbenzene	12.39	91	3364531	152.547	ug/l	99
90) Hexachloroethane	12.60	117	651161	151.388	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	2051757	143.695	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	295952	162.246	ug/l	98

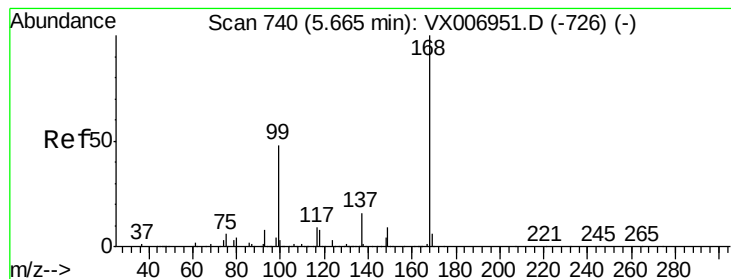
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1489338	152.033	ug/l	99
94) Hexachlorobutadiene	13.78	225	644560	148.271	ug/l	99
95) Naphthalene	13.83	128	4400634	148.247	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1448591	148.858	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

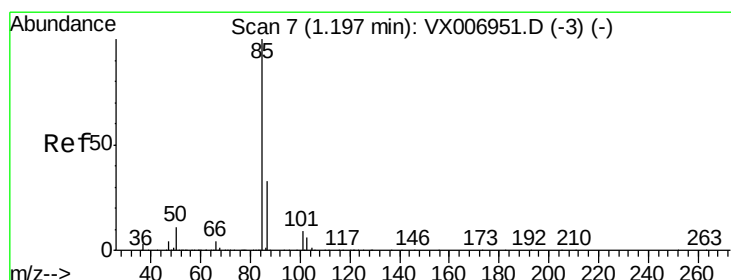
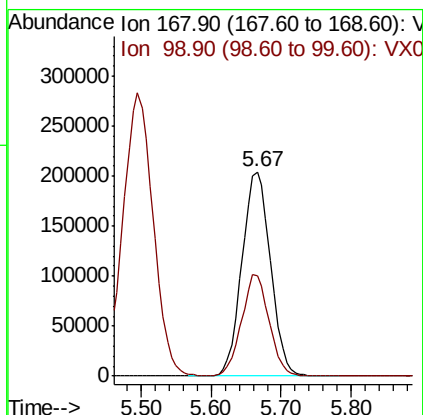
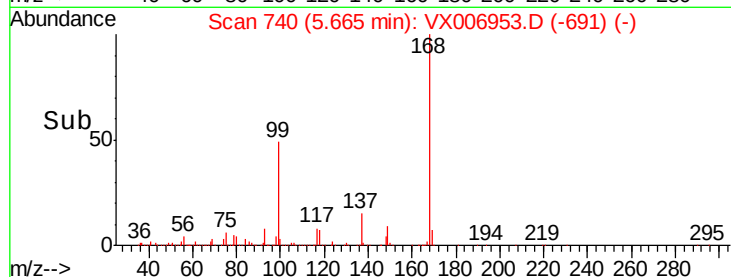
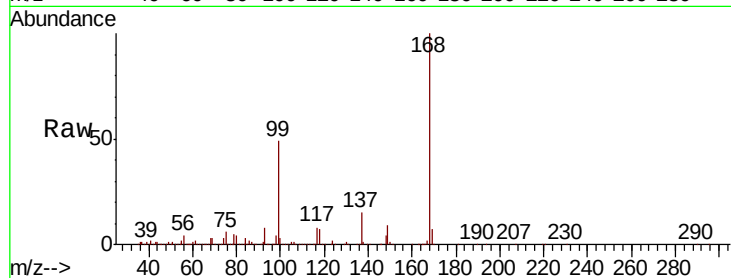
VSTDIC150

Tgt Ion:168 Resp: 579920

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



#2

Dichlorodifluoromethane

Concen: 157.722 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006953.D

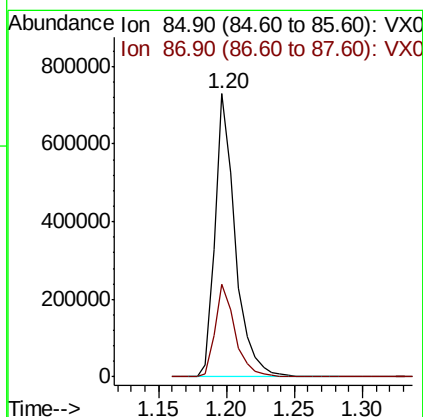
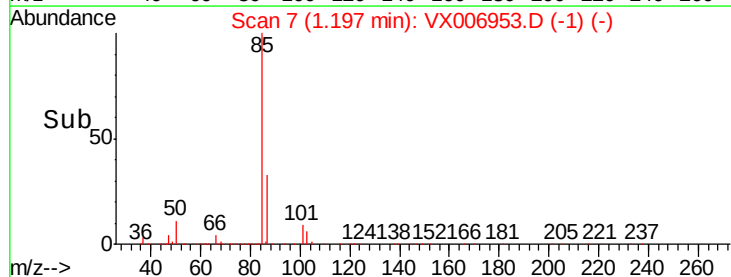
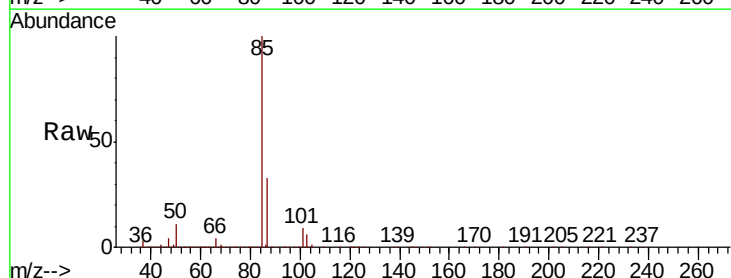
Acq: 08 Jan 2019 13:45

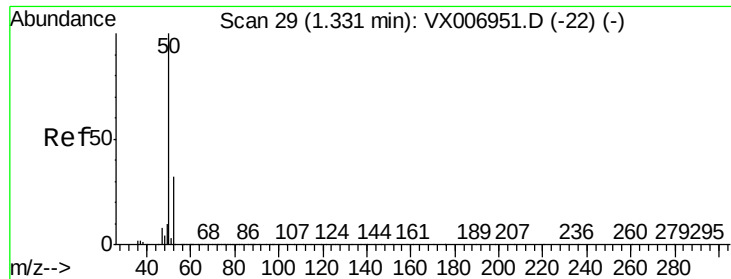
Tgt Ion: 85 Resp: 751118

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6

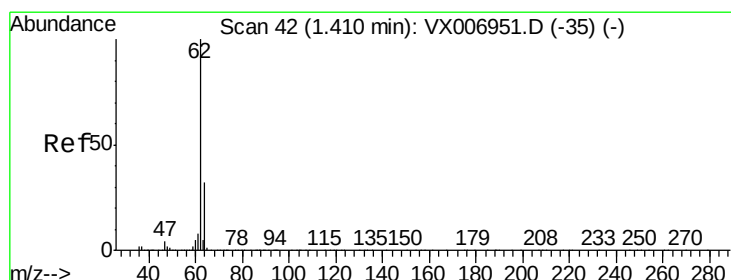
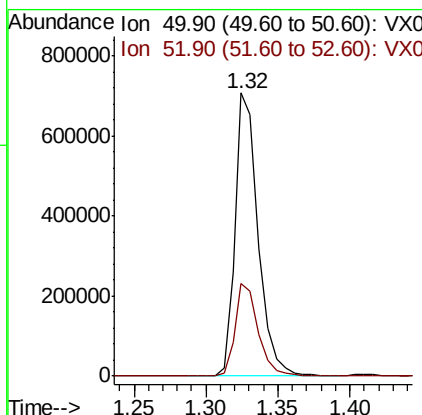
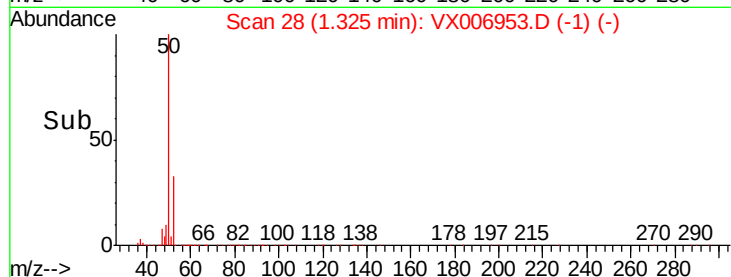
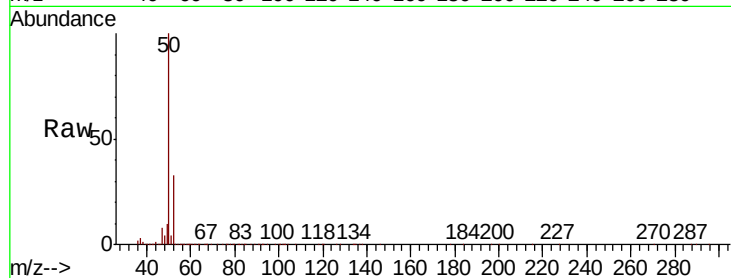




#3
Chloromethane
Concen: 142.680 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

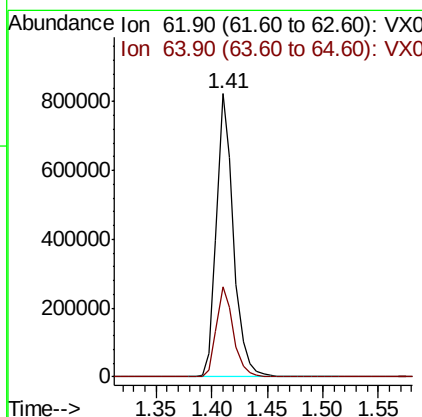
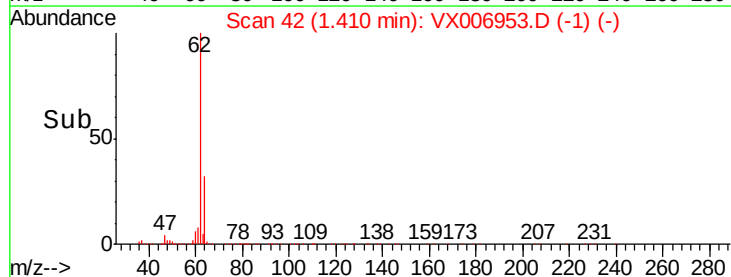
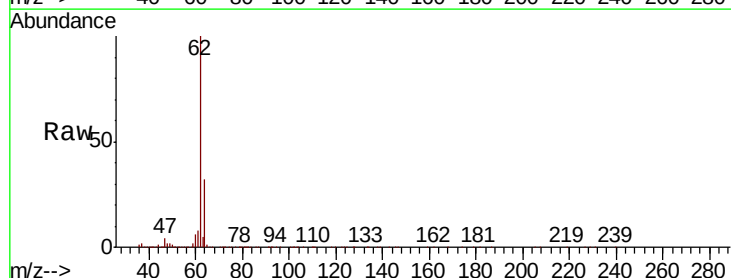
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

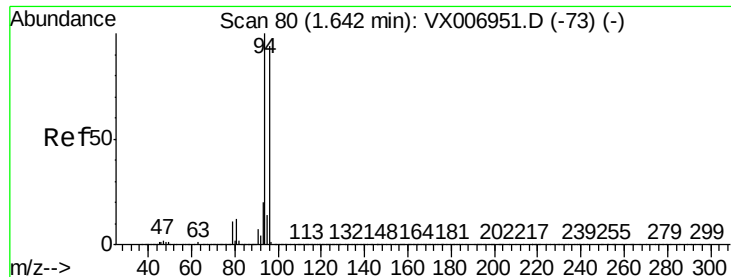
Tgt Ion: 50 Resp: 791010
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 145.882 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 62 Resp: 869986
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5

Bromomethane

Concen: 134.894 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

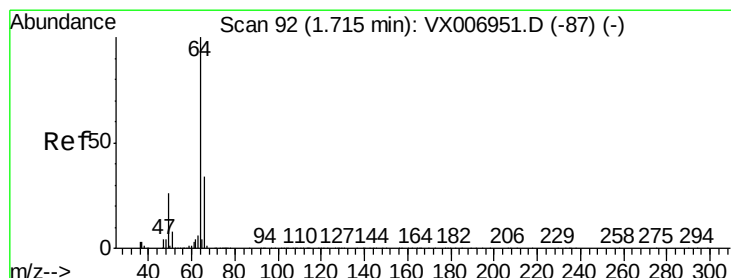
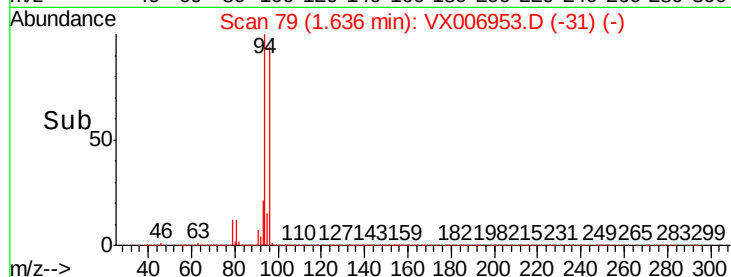
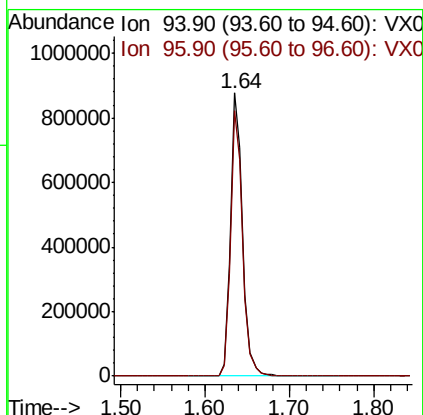
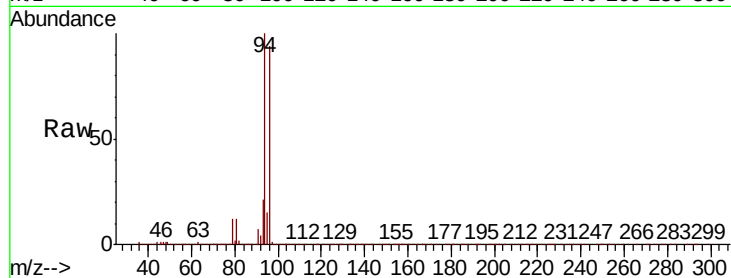
VSTDIC150

Tgt Ion: 94 Resp: 859482

Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.2



#6

Chloroethane

Concen: 166.531 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006953.D

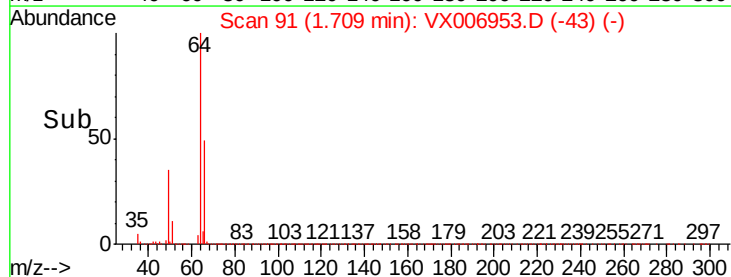
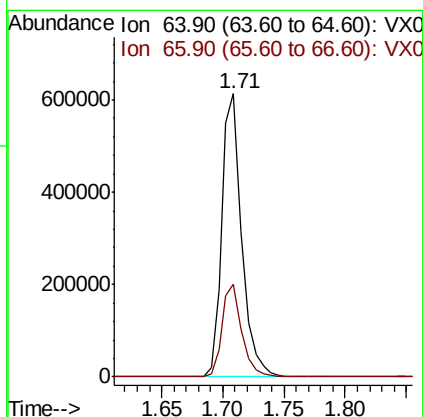
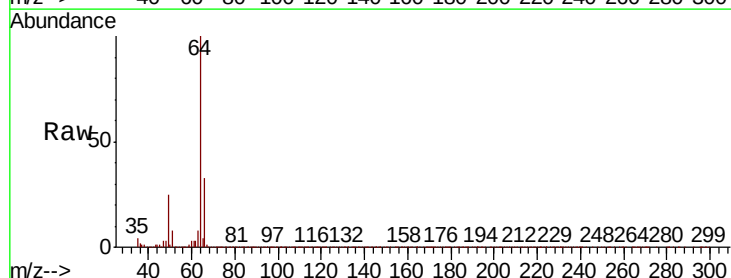
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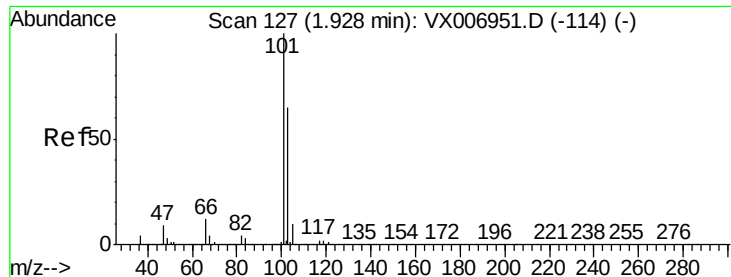
Tgt Ion: 64 Resp: 693449

Ion Ratio Lower Upper

64 100

66 32.8 26.4 39.6



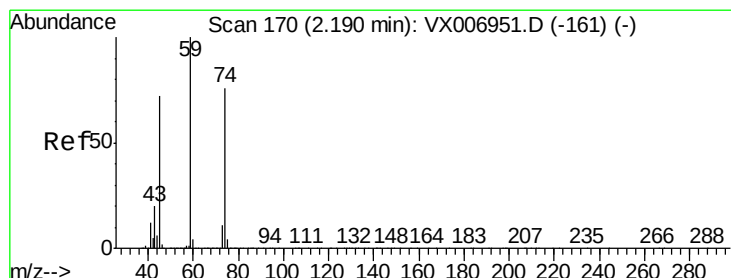
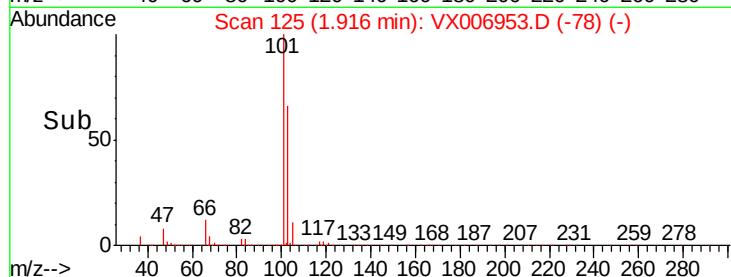
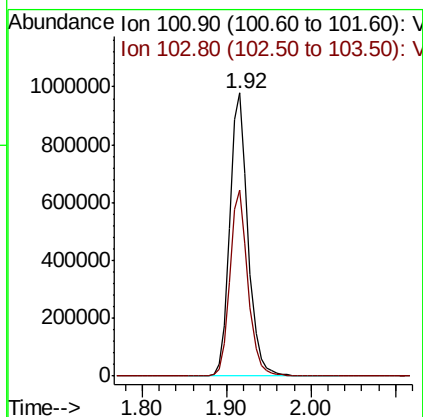
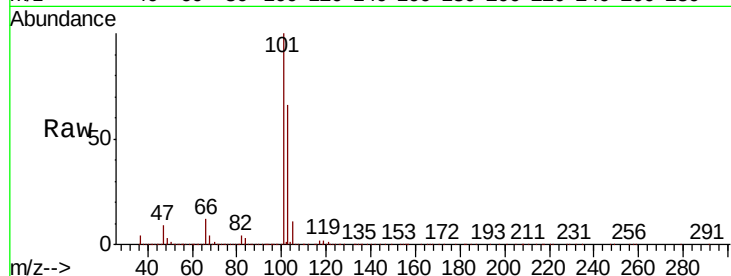


#7

Trichlorofluoromethane
Concen: 149.489 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

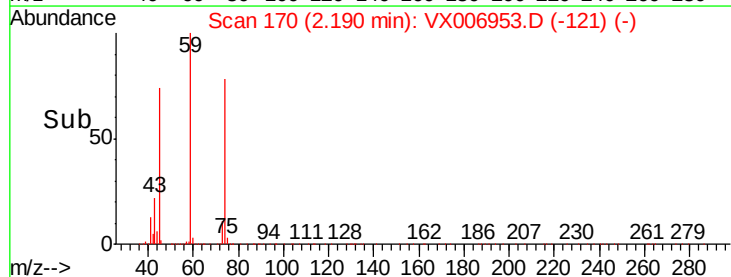
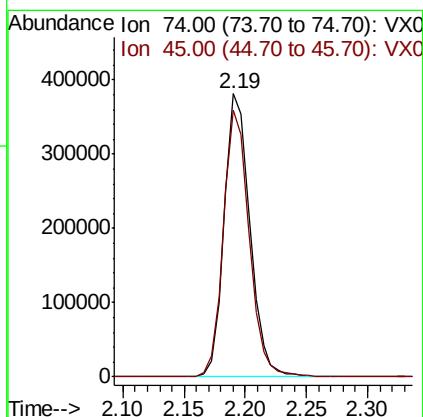
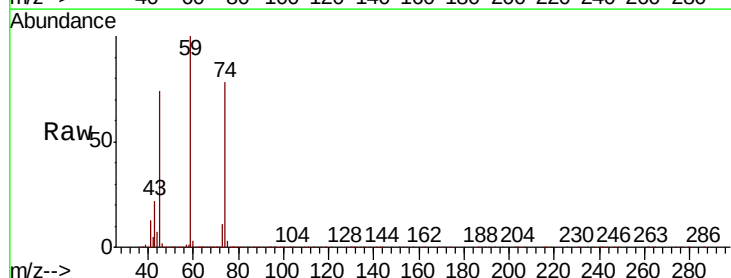
Tgt Ion:101 Resp: 1440454
Ion Ratio Lower Upper
101 100
103 65.8 53.2 79.8

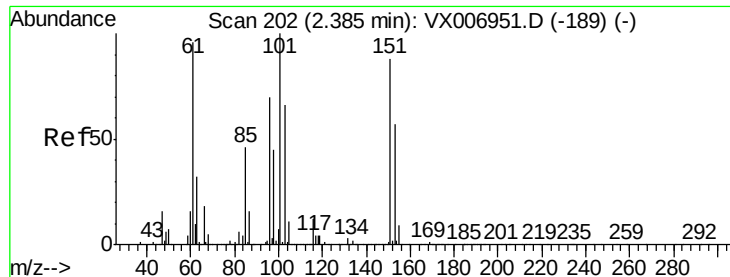


#8

Diethyl Ether
Concen: 145.124 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 74 Resp: 556338
Ion Ratio Lower Upper
74 100
45 94.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.057 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

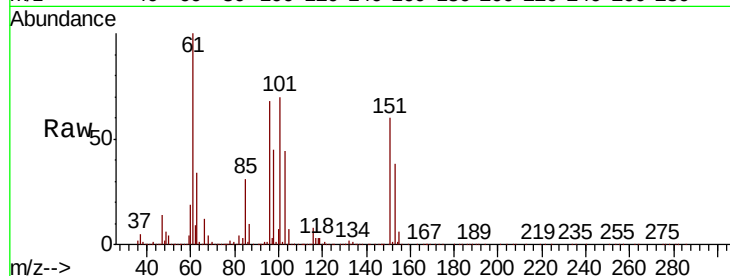
Tgt Ion:101 Resp: 848358

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

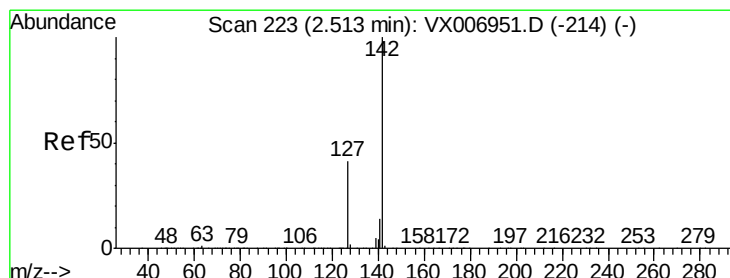
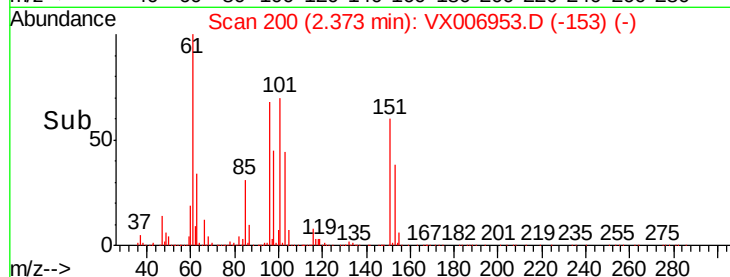
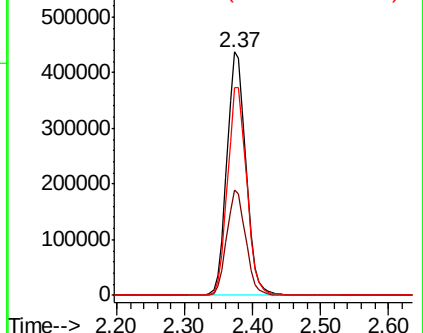
151 86.1 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 162.512 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

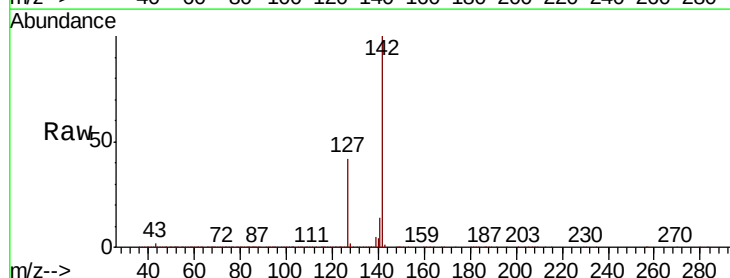
Tgt Ion:142 Resp: 1264623

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

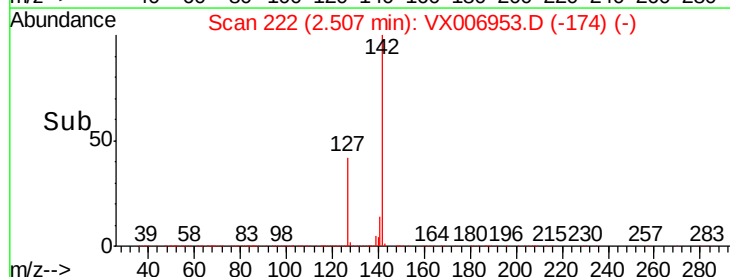
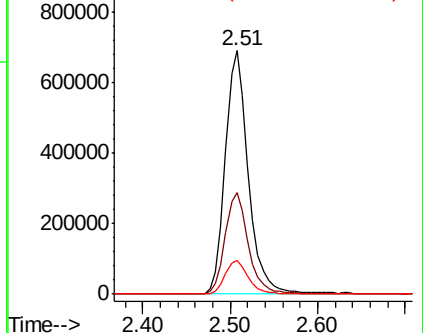
141 14.2 11.4 17.0

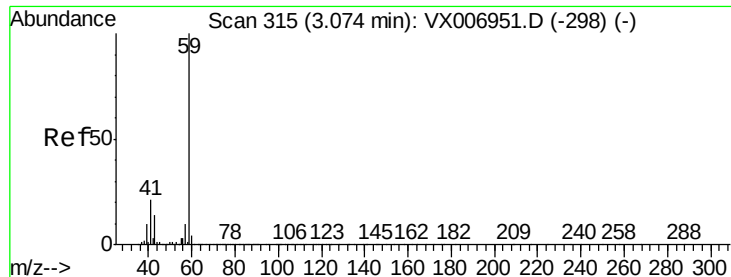


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

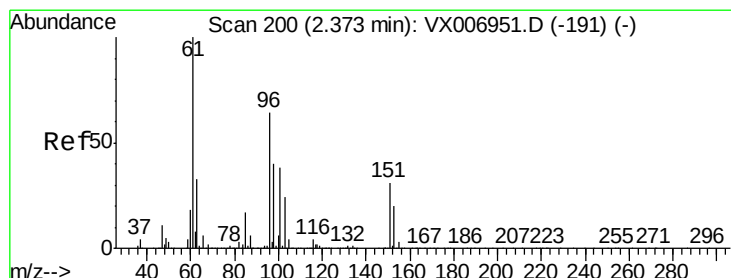
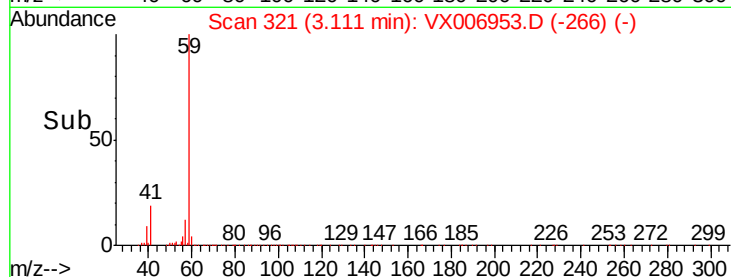
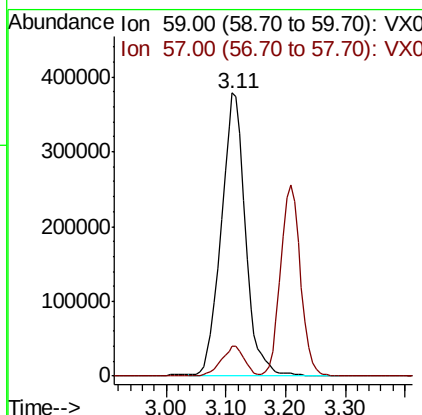
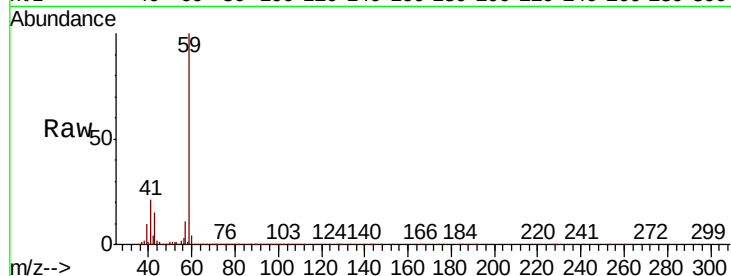




#11
Tert butyl alcohol
Concen: 748.500 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.04 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

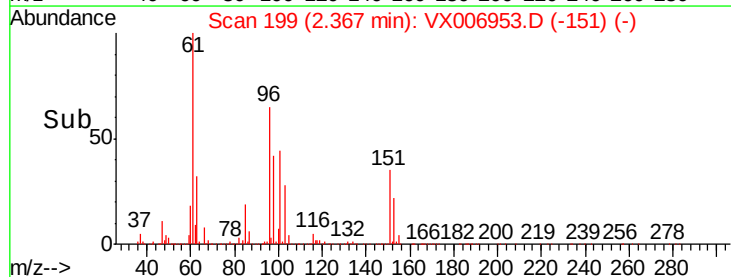
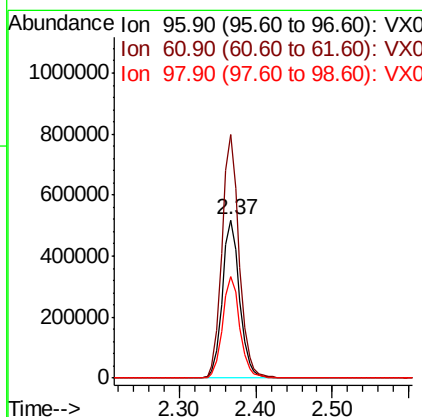
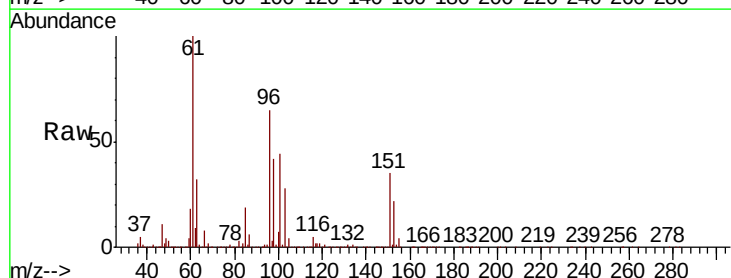
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

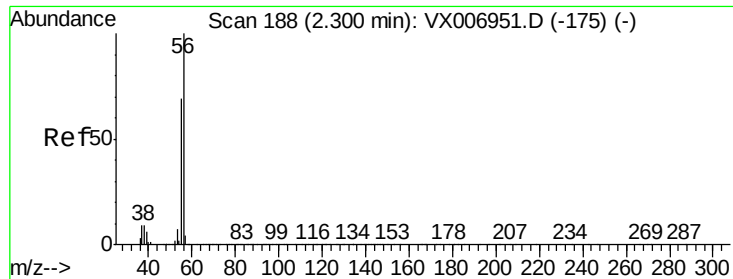
Tgt Ion: 59 Resp: 1070108
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 151.528 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 96 Resp: 807628
Ion Ratio Lower Upper
96 100
61 154.1 121.4 182.2
98 64.3 51.9 77.9





#13

Acrolein

Concen: 762.430 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

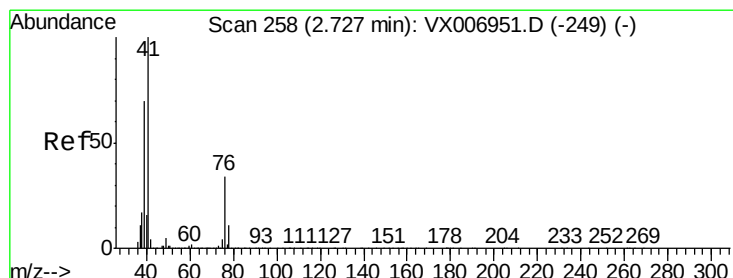
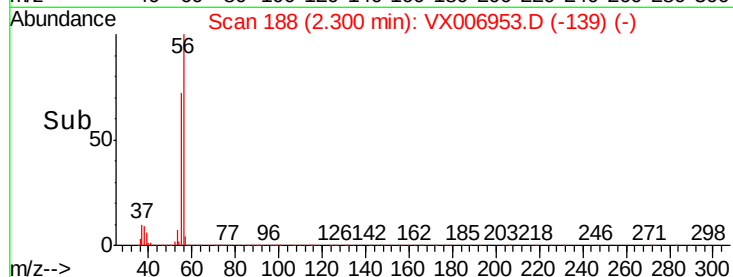
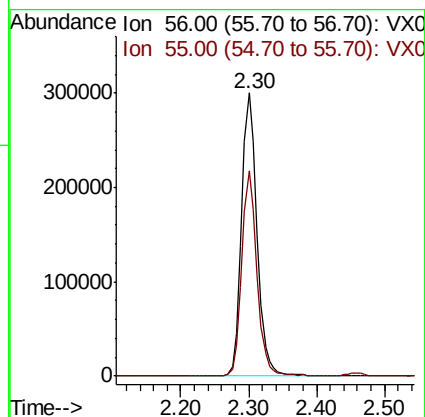
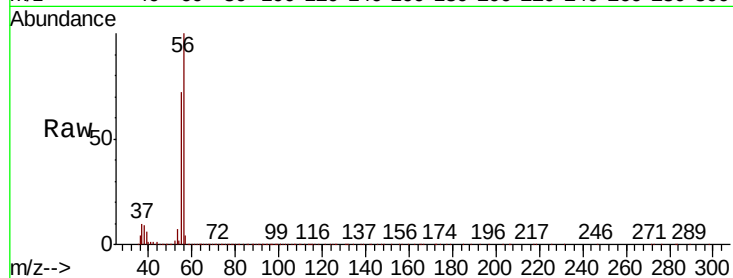
VSTDIC150

Tgt Ion: 56 Resp: 474056

Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.4



#14

Allyl chloride

Concen: 155.161 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

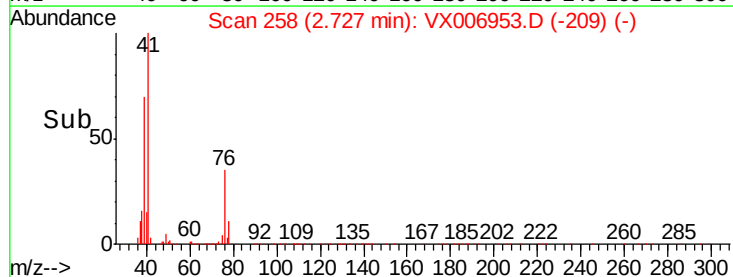
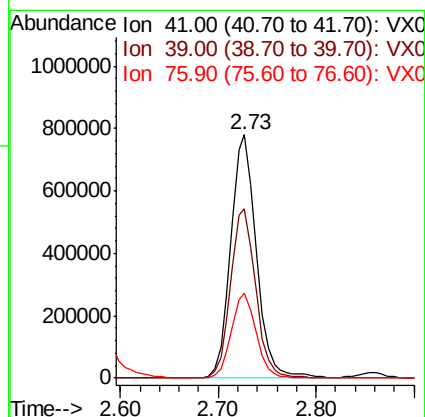
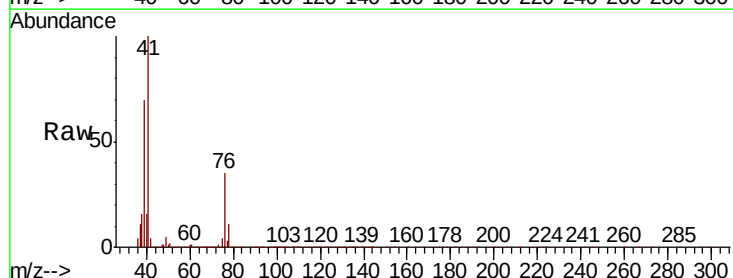
Tgt Ion: 41 Resp: 1417312

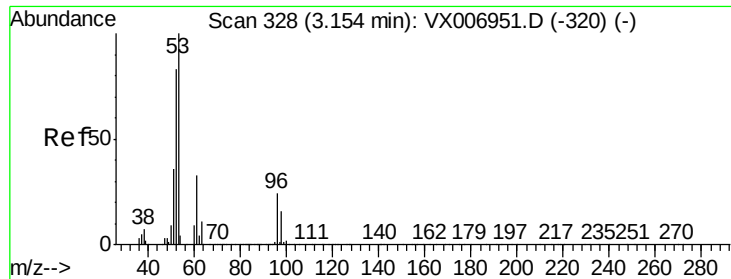
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 717.759 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

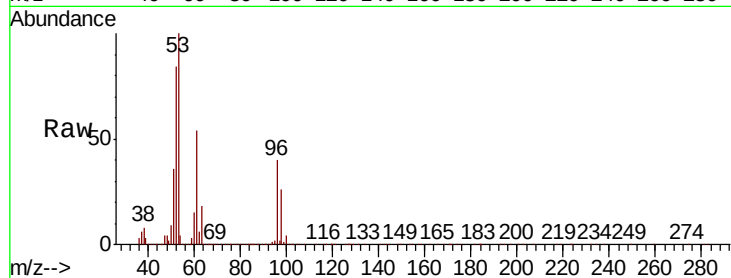
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 2355686

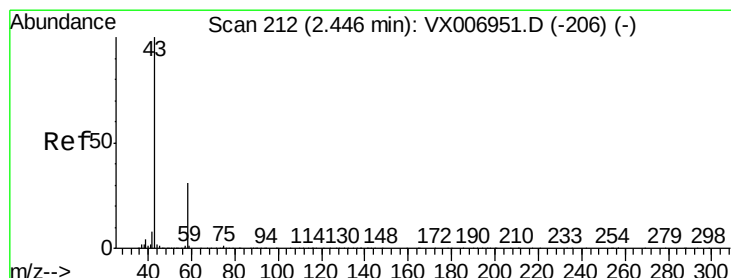
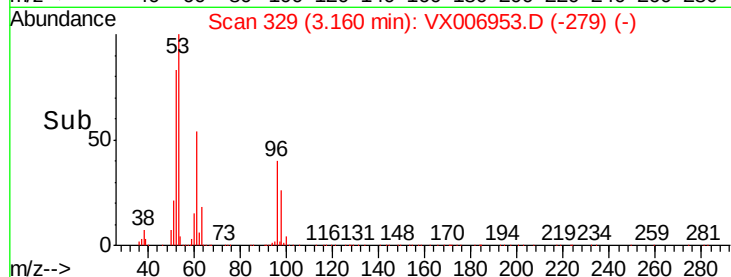
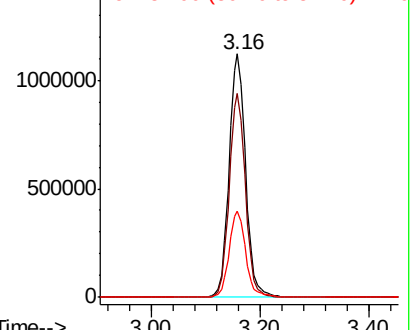
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.0	99.0
51	35.9	28.6	42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 674.281 ug/l

RT: 2.46 min Scan# 214

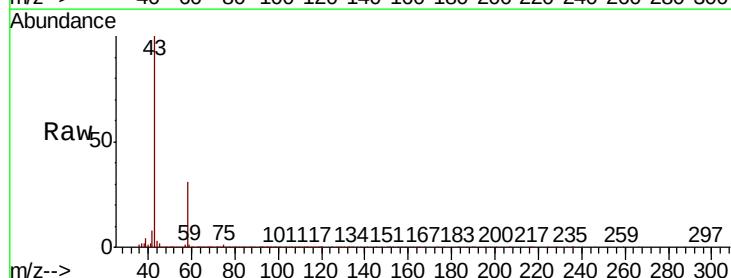
Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

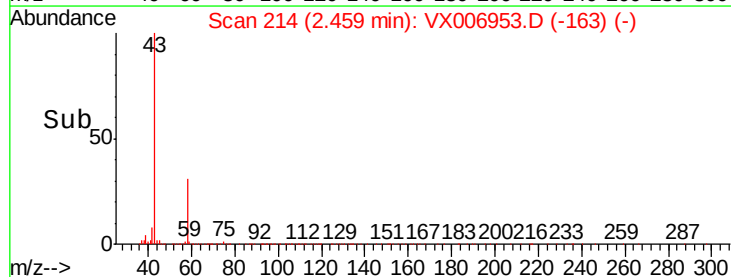
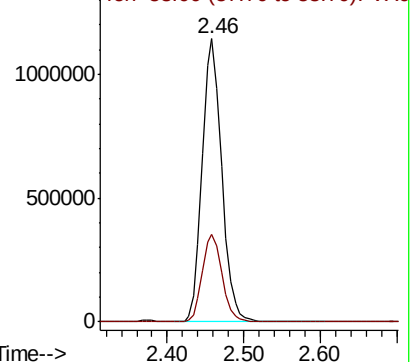
Tgt Ion: 43 Resp: 2020278

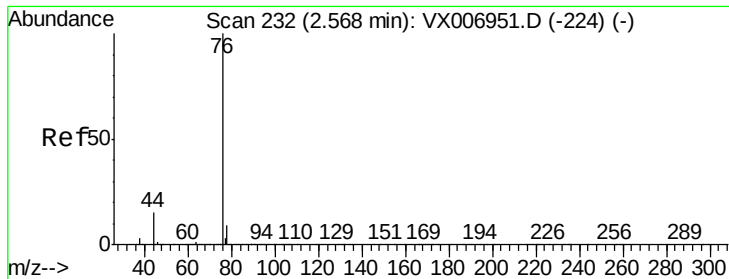
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.0	37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 159.223 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

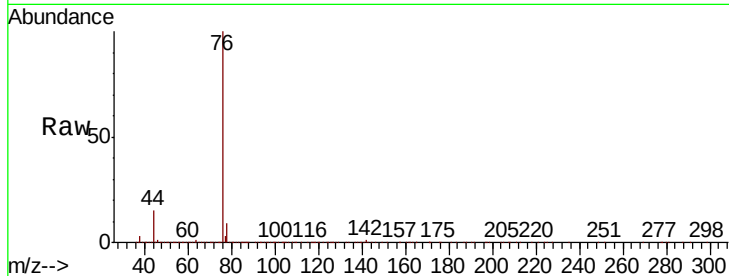
VSTDIC150

Tgt Ion: 76 Resp: 2184919

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

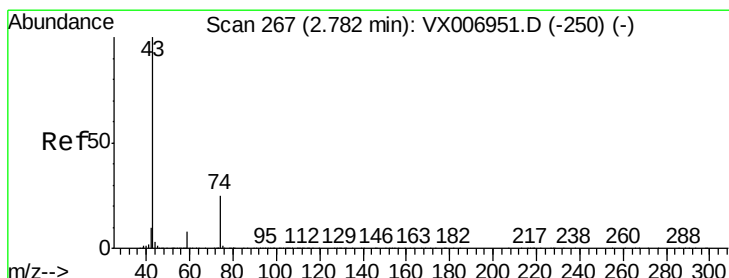
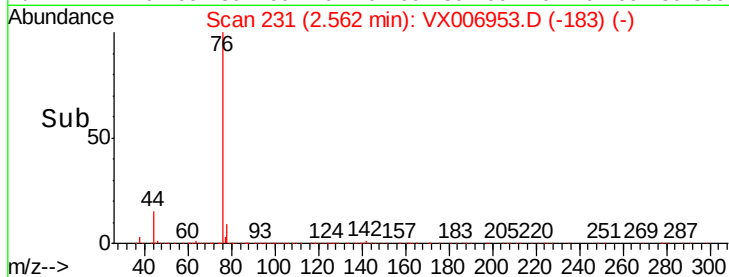
1500000

1000000

500000

0

Time-->



#18

Methyl Acetate

Concen: 139.740 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006953.D

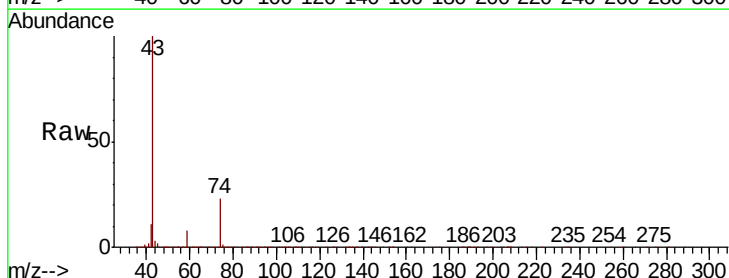
Acq: 08 Jan 2019 13:45

Tgt Ion: 43 Resp: 1212495

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

800000

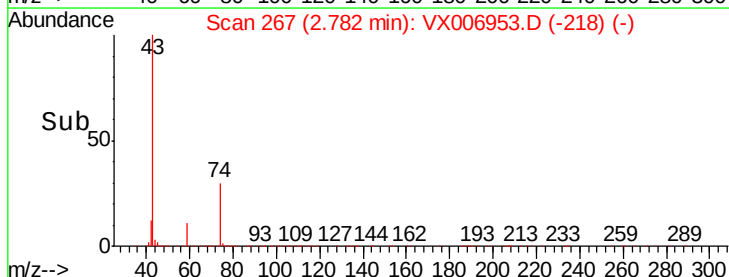
600000

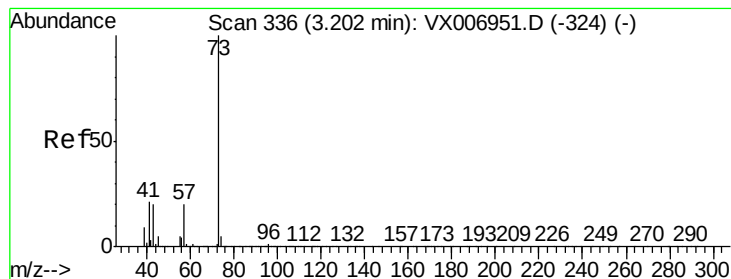
400000

200000

0

Time-->



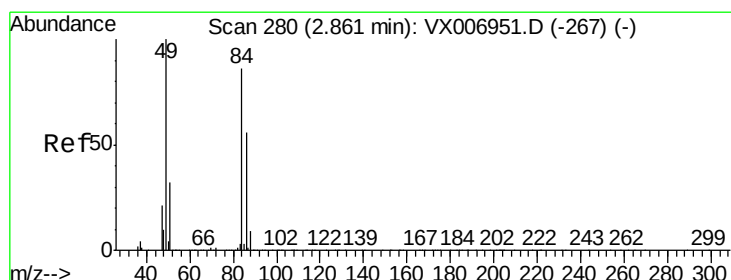
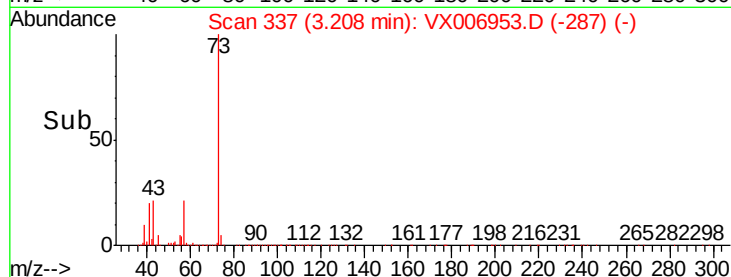
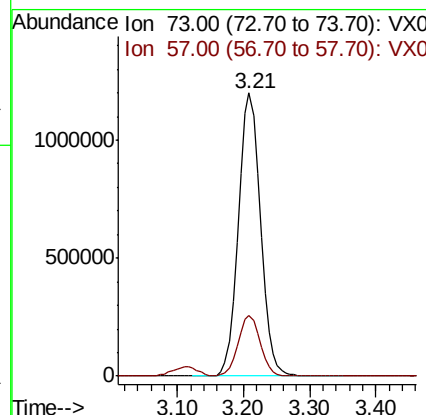
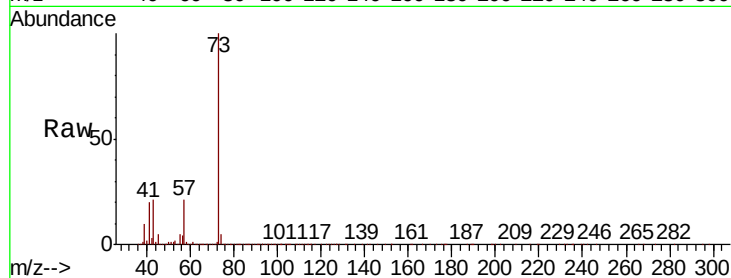


#19

Methyl tert-butyl Ether
Concen: 149.447 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

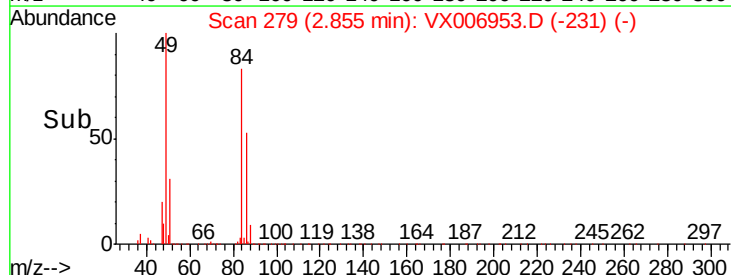
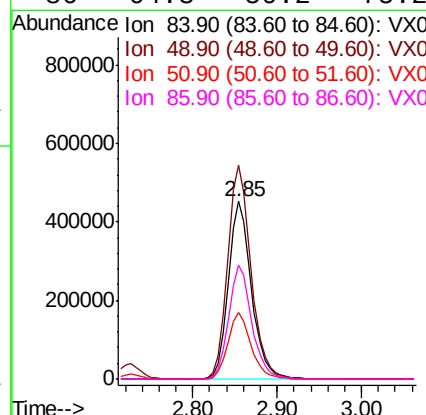
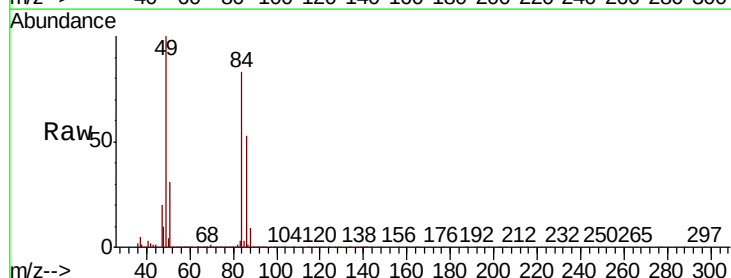
Tgt Ion: 73 Resp: 2764689
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2

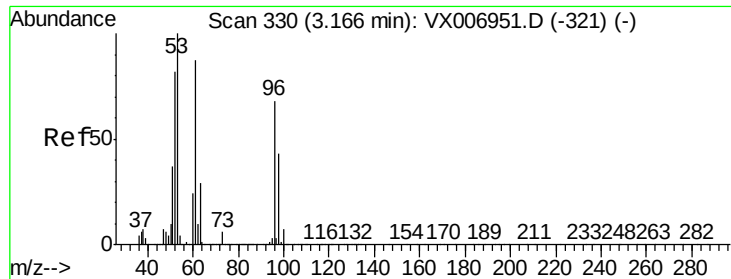


#20

Methylene Chloride
Concen: 149.779 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 84 Resp: 847121
Ion Ratio Lower Upper
84 100
49 120.4 91.8 137.6
51 37.3 28.5 42.7
86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 145.148 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

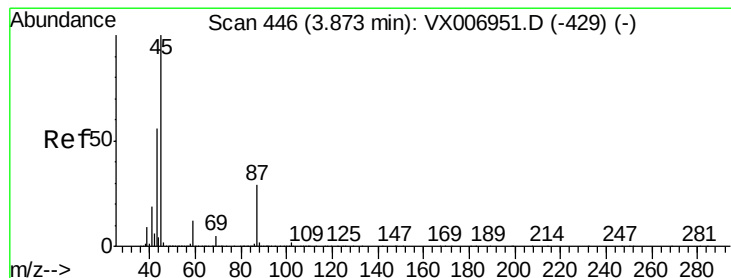
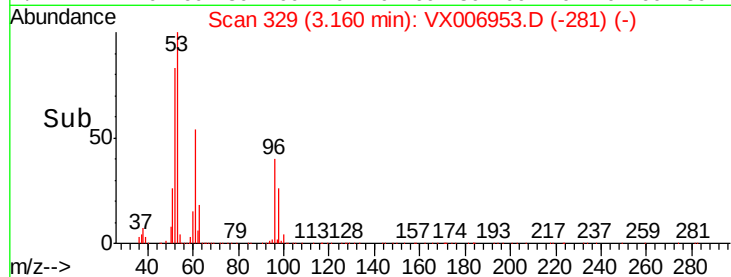
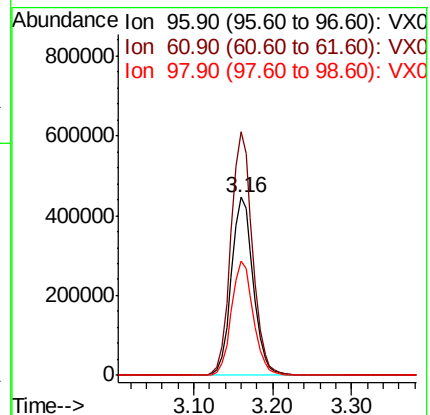
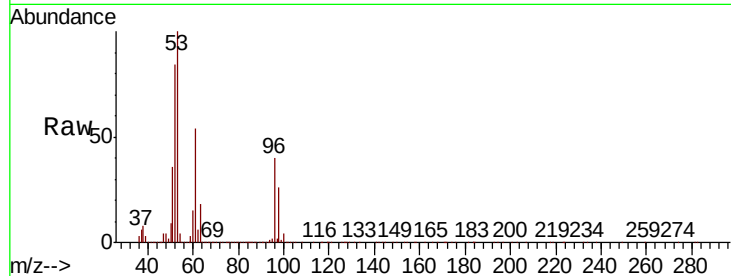
Tgt Ion: 96 Resp: 862124

Ion Ratio Lower Upper

96 100

61 136.7 103.7 155.5

98 64.6 51.0 76.6



#22

Diisopropyl ether

Concen: 145.239 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Tgt Ion: 45 Resp: 2494136

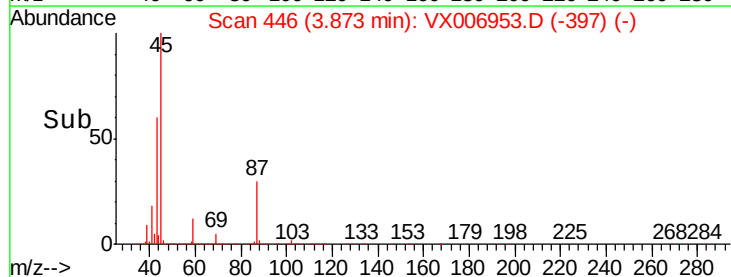
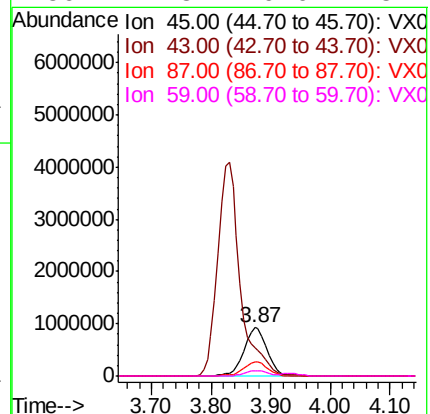
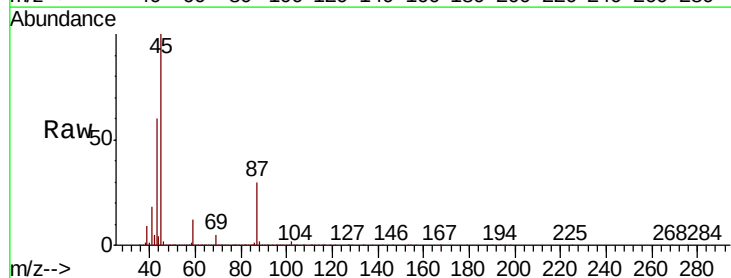
Ion Ratio Lower Upper

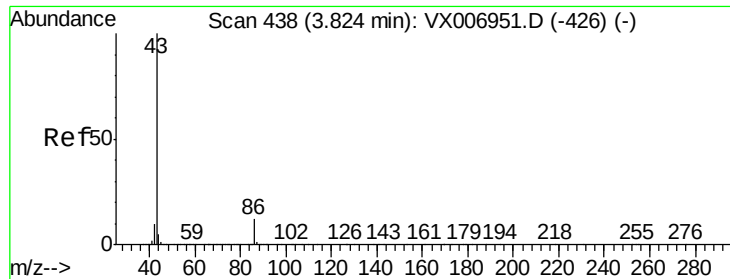
45 100

43 59.5 51.2 76.8

87 30.4 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 742.577 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

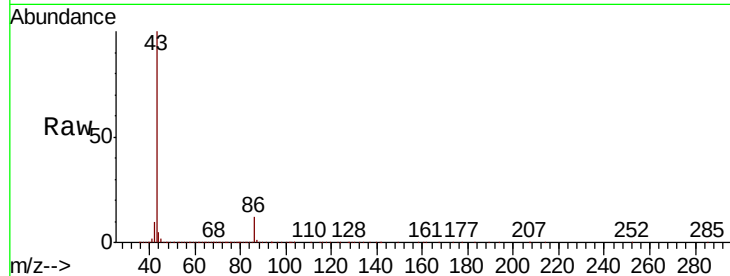
VSTDIC150

Tgt Ion: 43 Resp:10754051

Ion Ratio Lower Upper

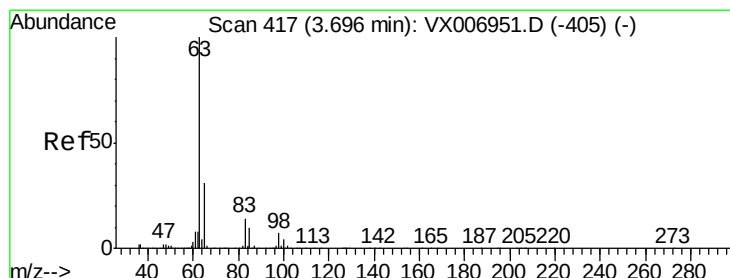
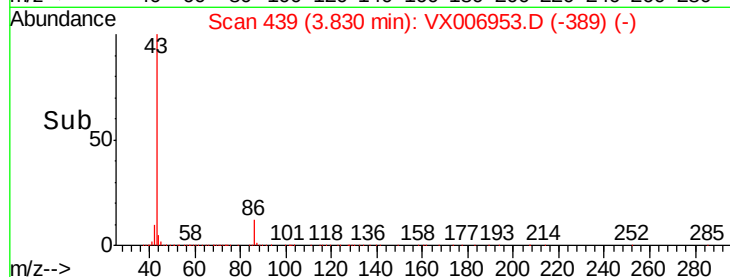
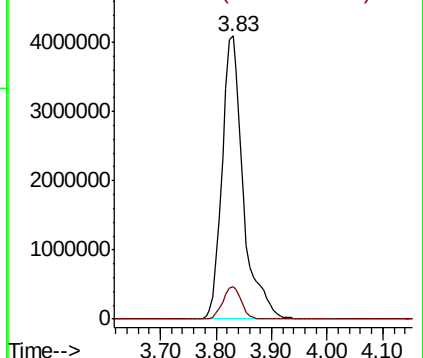
43 100

86 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 146.659 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

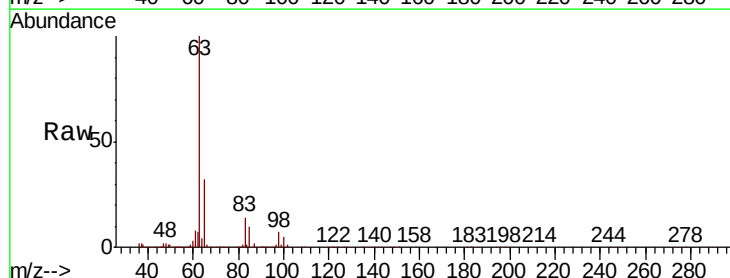
Tgt Ion: 63 Resp: 1408275

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

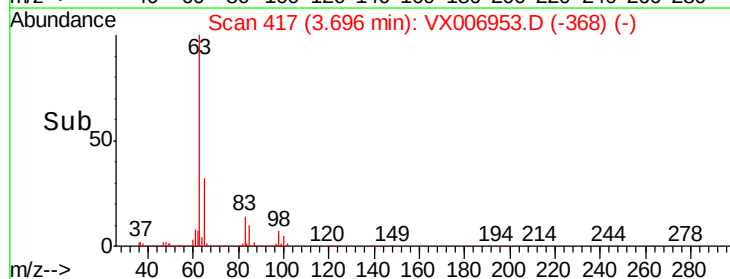
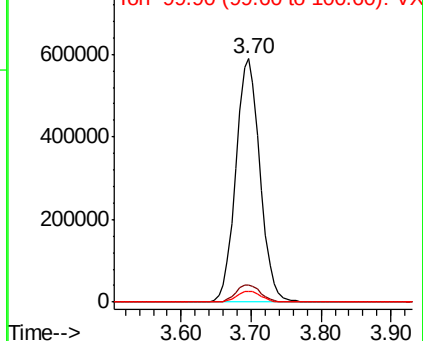
100 4.6 2.4 7.2

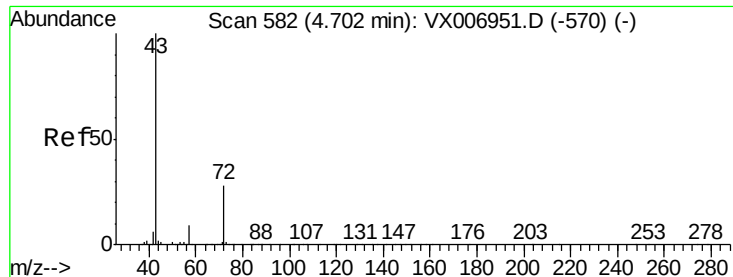


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 687.980 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

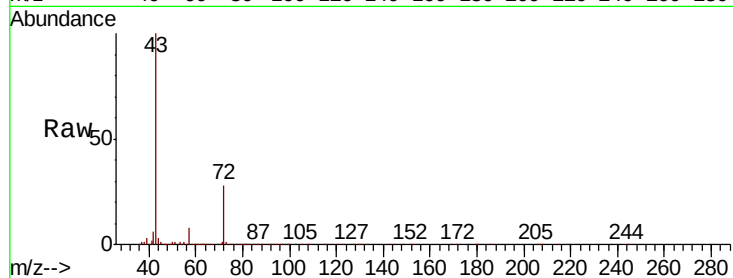
VSTDIC150

Tgt Ion: 43 Resp: 2949453

Ion Ratio Lower Upper

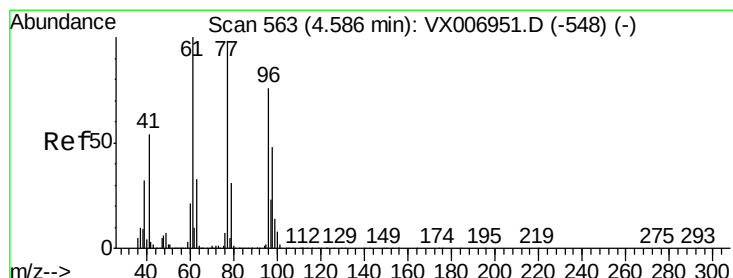
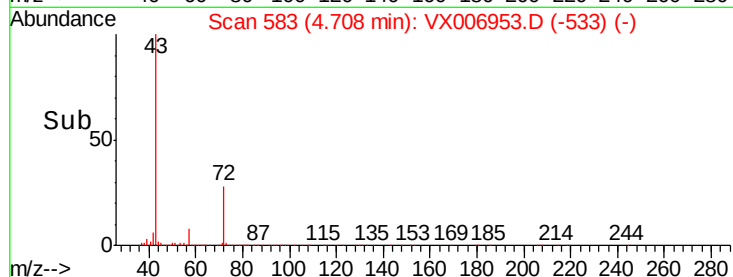
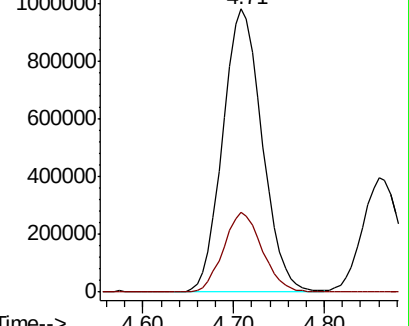
43 100

72 28.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 154.084 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006953.D

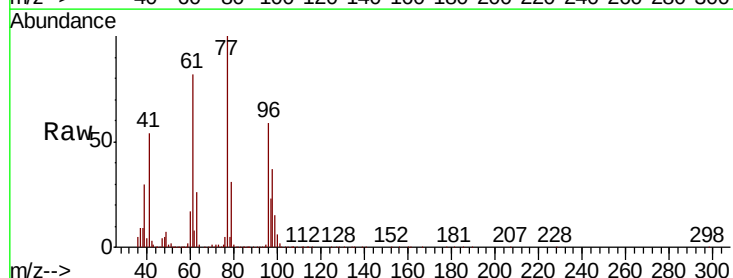
Acq: 08 Jan 2019 13:45

Tgt Ion: 77 Resp: 1137734

Ion Ratio Lower Upper

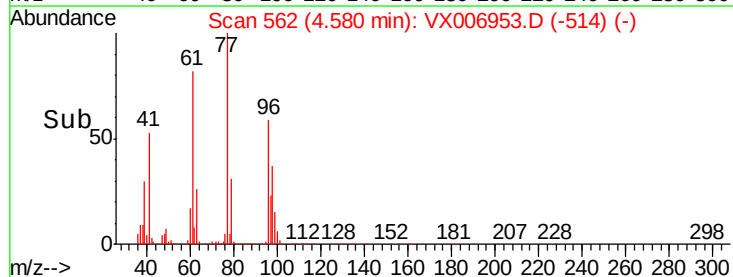
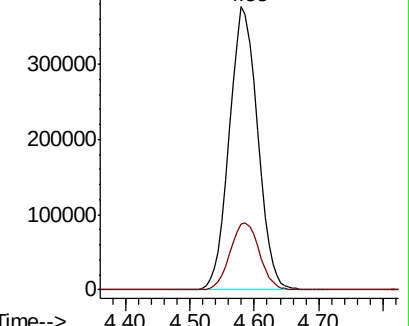
77 100

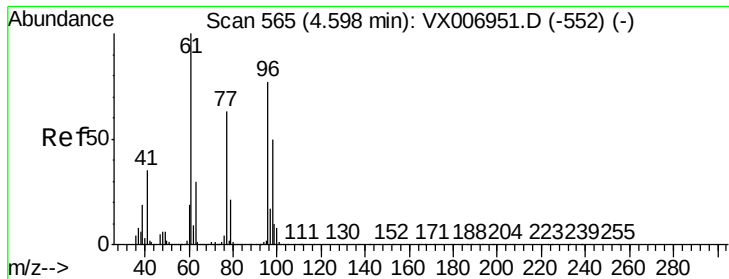
97 24.7 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



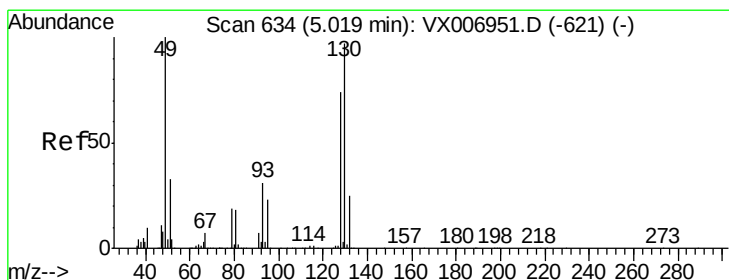
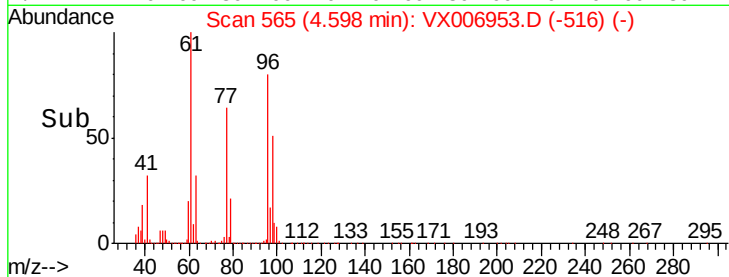
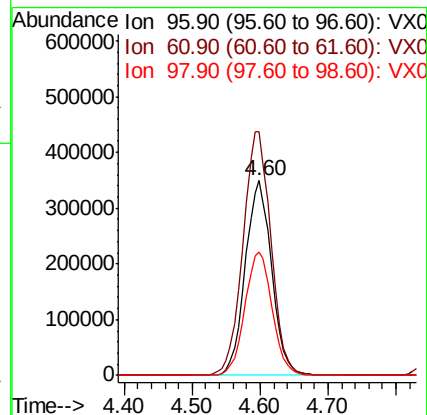
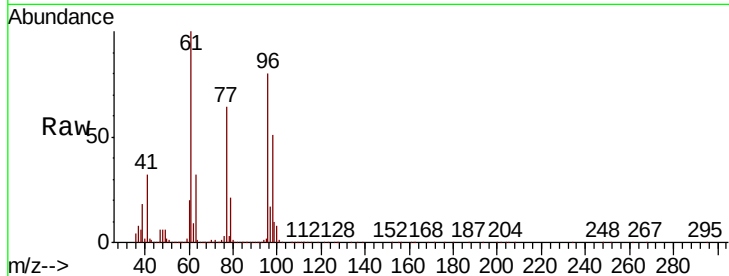


#27

cis-1,2-Dichloroethene
 Concen: 143.629 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

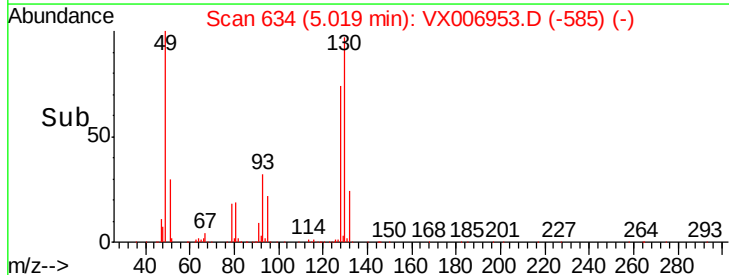
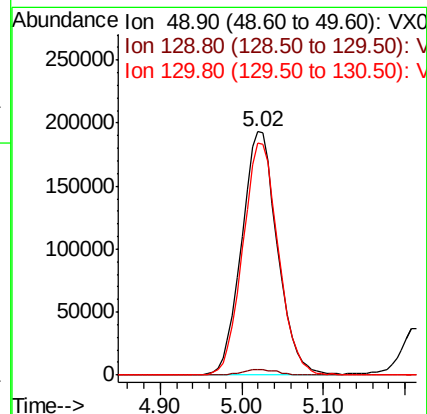
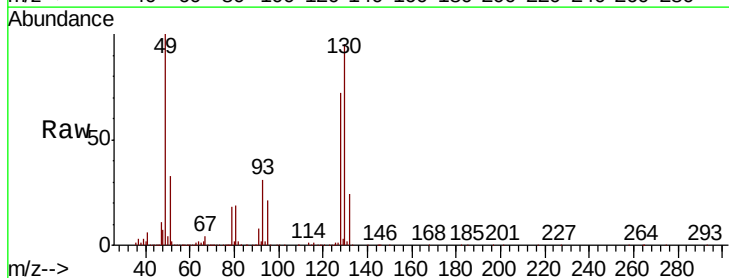
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	258.6
98	65.3	0.0	132.0

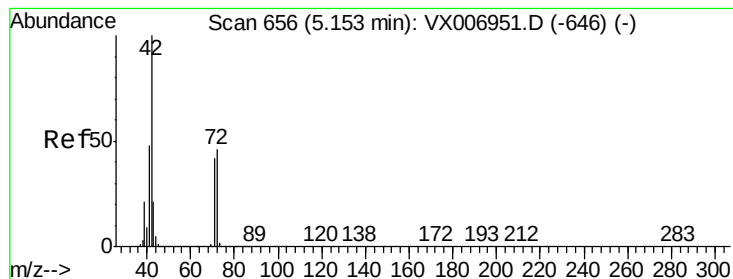


#28

Bromochloromethane
 Concen: 140.017 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	94.5	77.7	116.5





#29

Tetrahydrofuran

Concen: 704.281 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

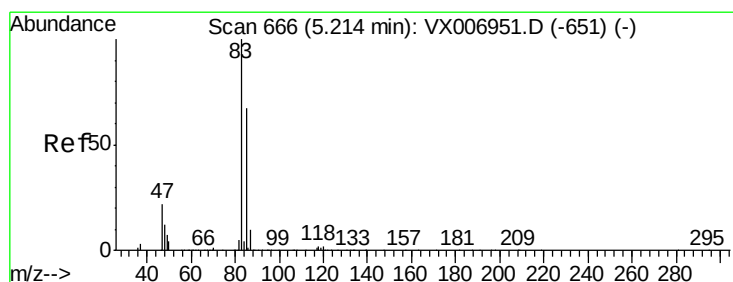
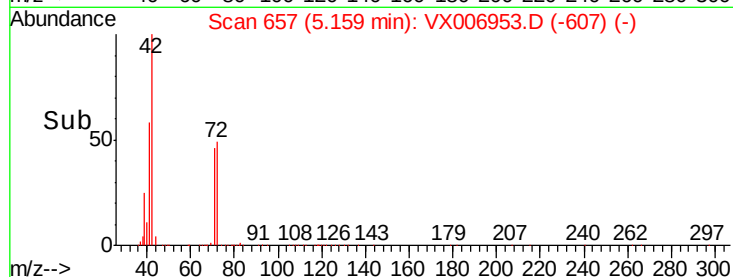
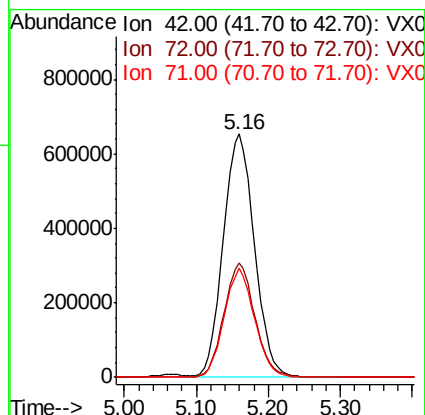
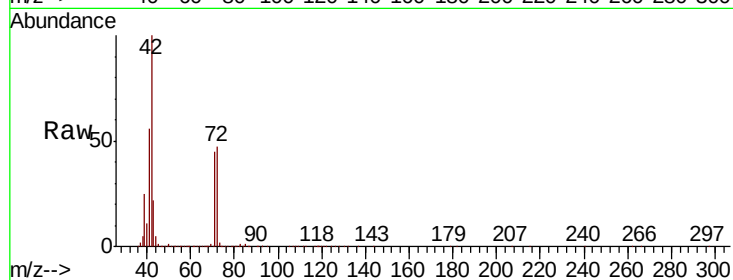
Tgt Ion: 42 Resp: 1962195

Ion Ratio Lower Upper

42 100

72 46.7 38.9 58.3

71 43.7 36.2 54.4



#30

Chloroform

Concen: 146.139 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006953.D

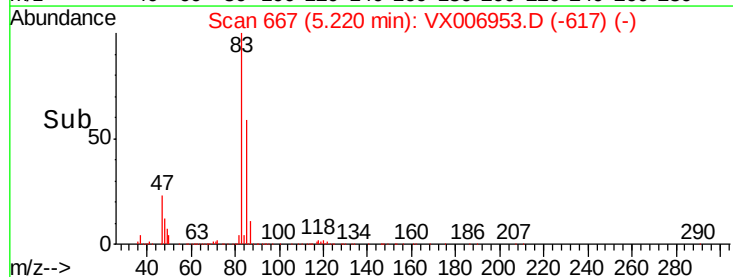
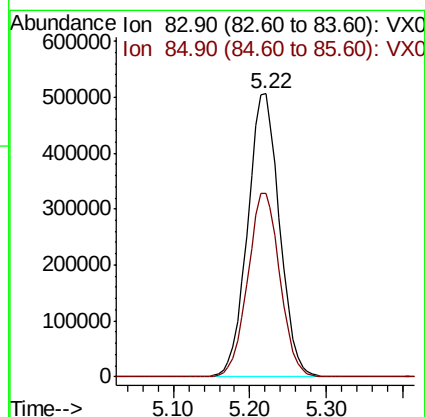
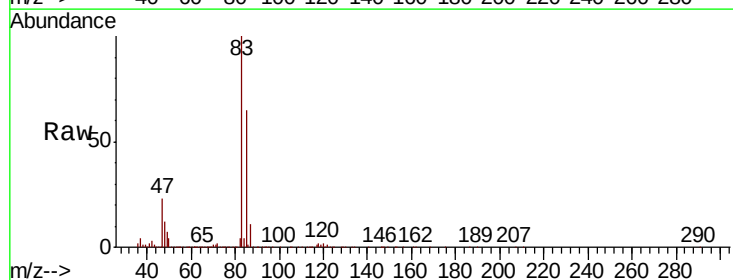
Acq: 08 Jan 2019 13:45

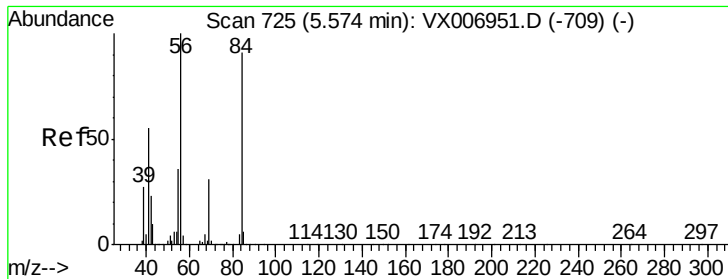
Tgt Ion: 83 Resp: 1469224

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

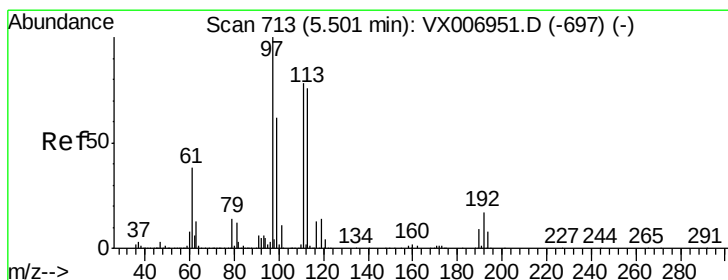
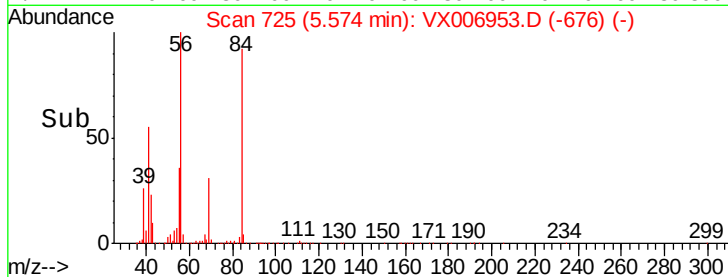
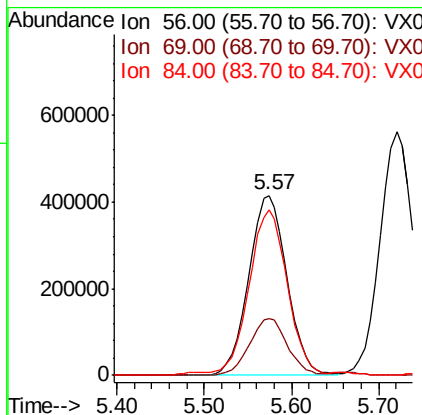
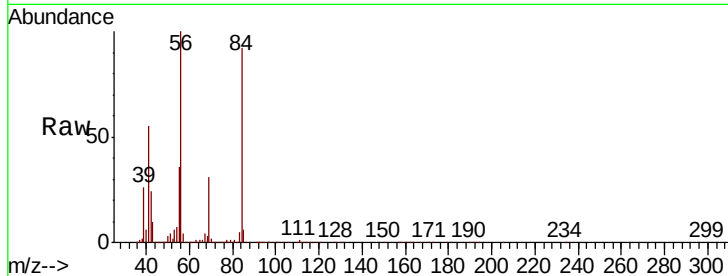




#31
Cyclohexane
Concen: 147.780 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

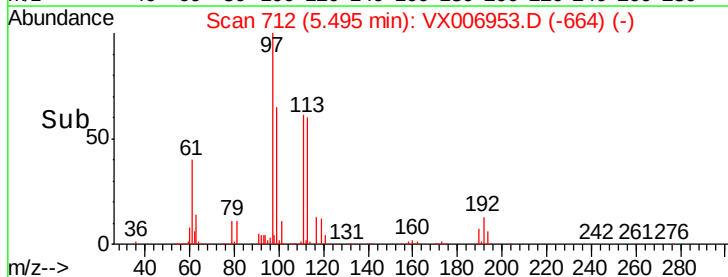
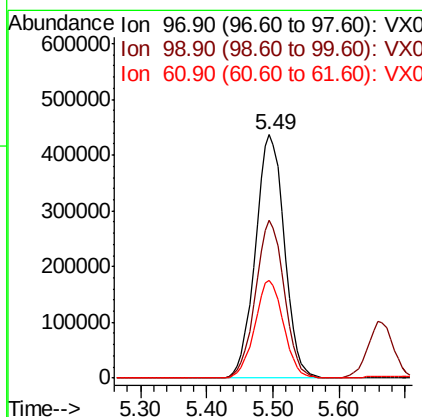
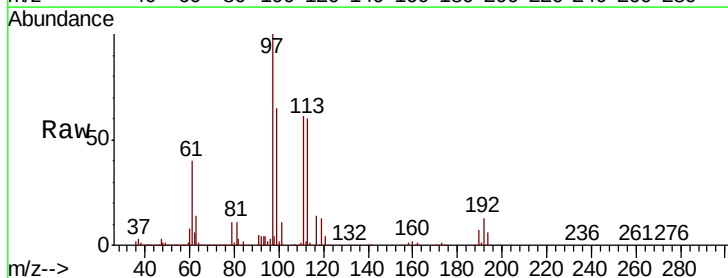
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

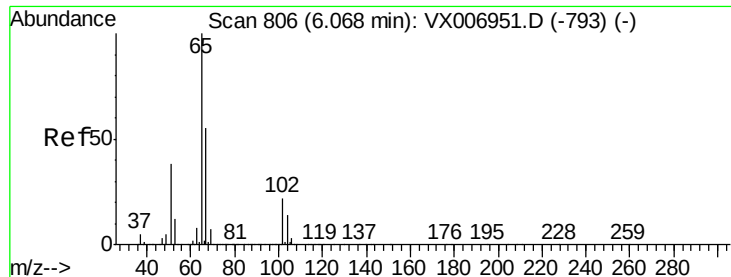
Tgt Ion: 56 Resp: 1262997
Ion Ratio Lower Upper
56 100
69 31.4 24.4 36.6
84 90.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 155.869 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 97 Resp: 1328245
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 39.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 147.281 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

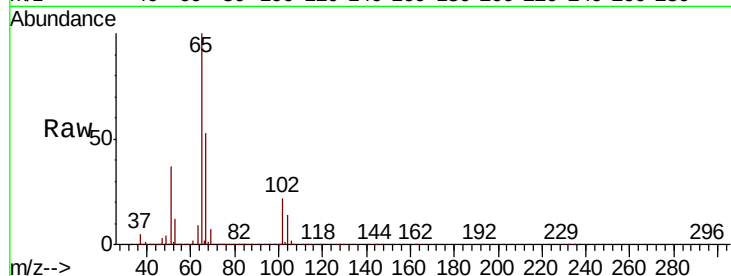
VSTDIC150

Tgt Ion: 65 Resp: 892620

Ion Ratio Lower Upper

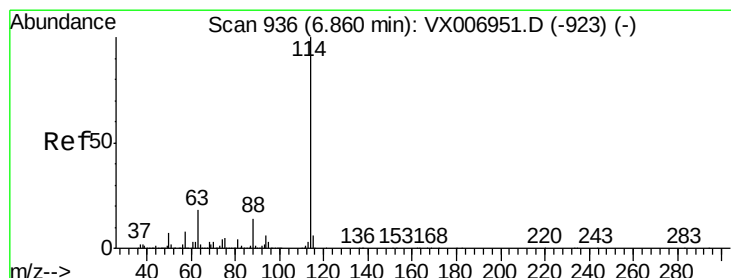
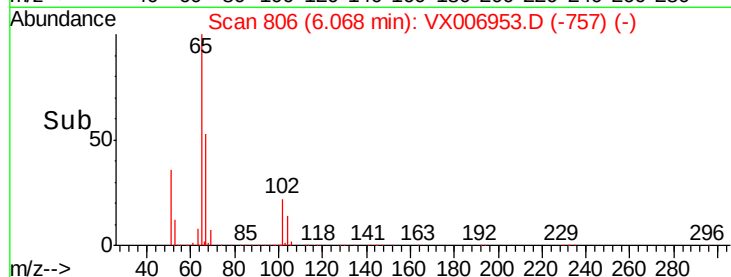
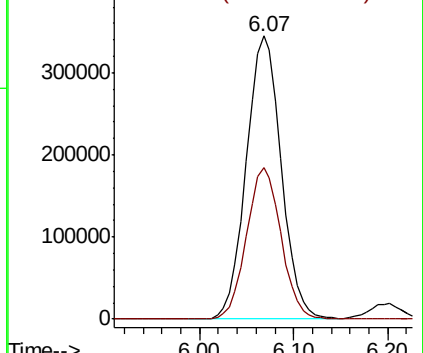
65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

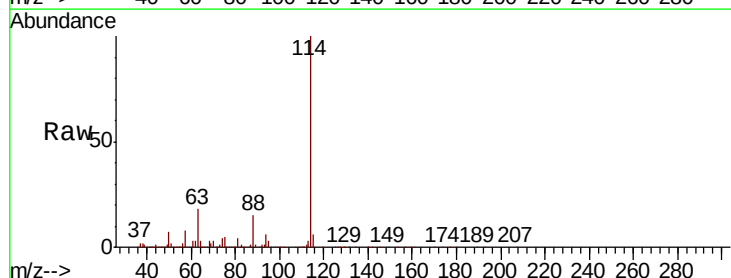
Tgt Ion: 114 Resp: 847182

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

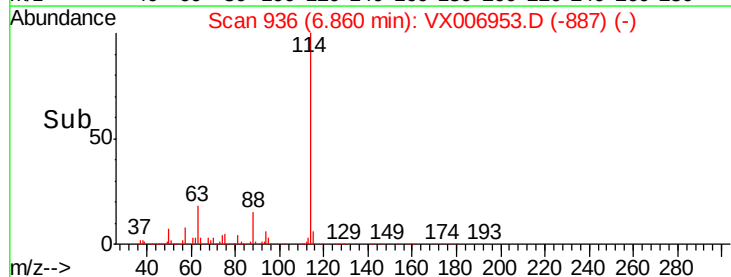
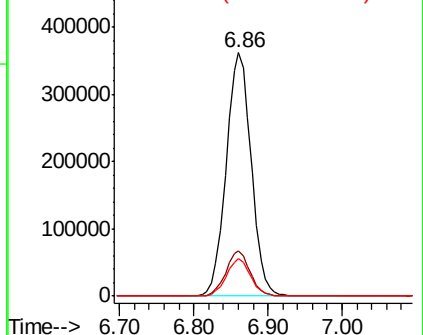
88 15.4 0.0 28.8

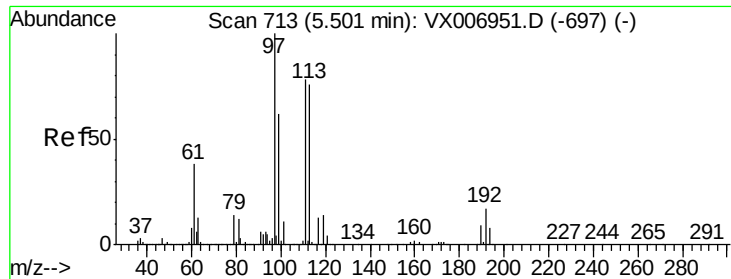


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

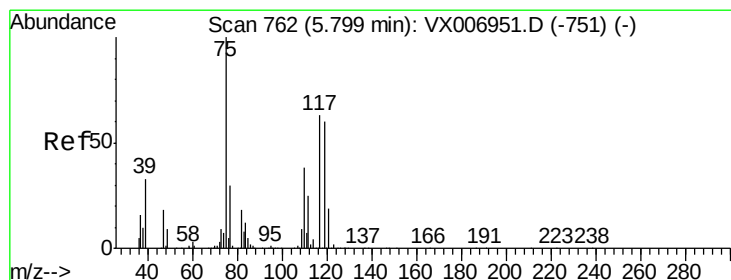
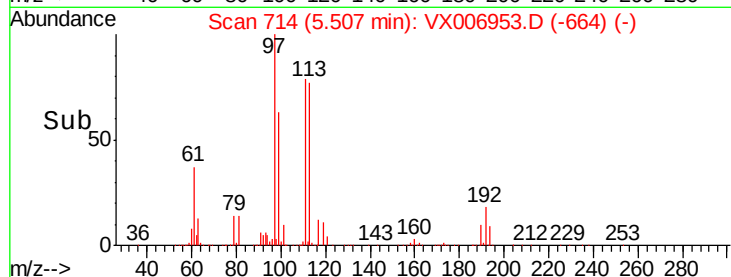
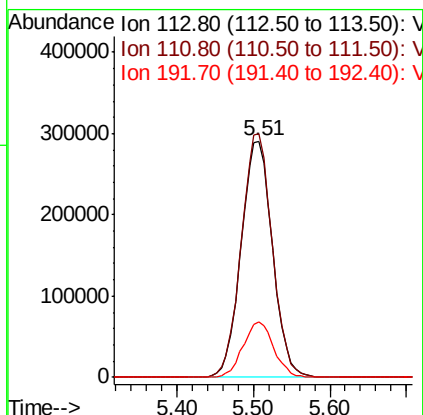
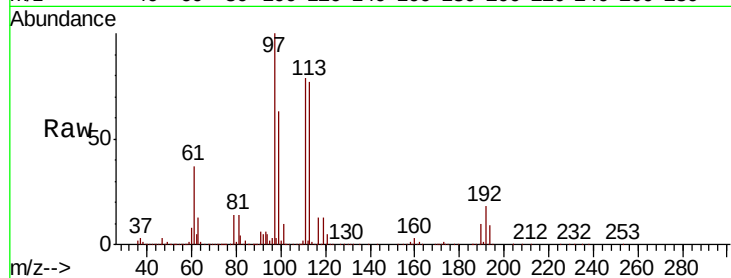




#35
 Dibromofluoromethane
 Concen: 152.605 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

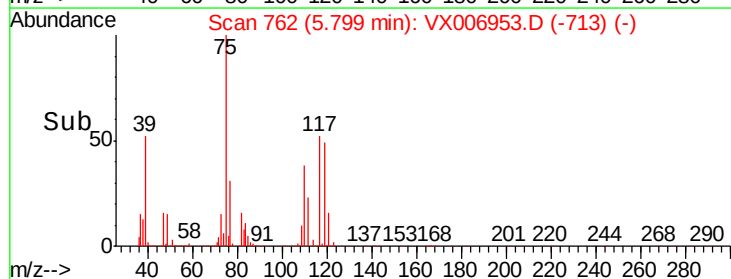
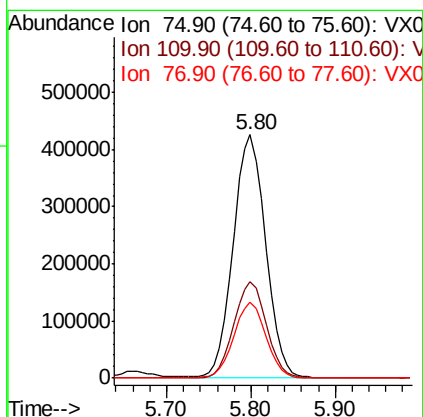
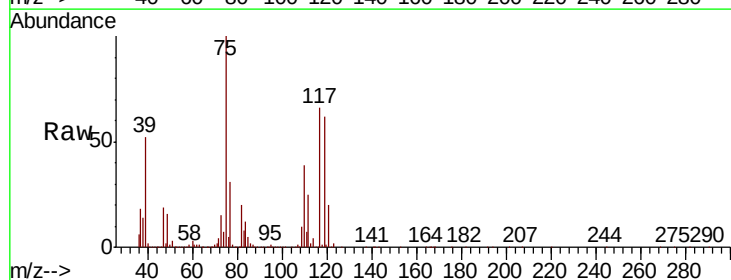
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

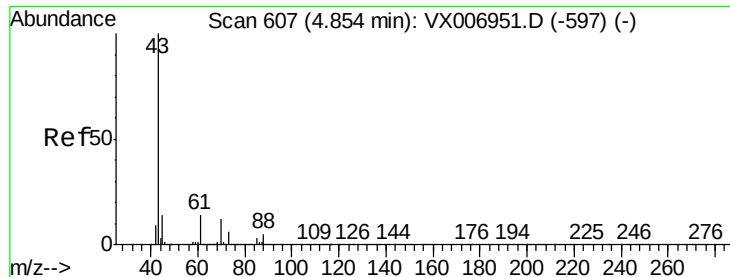
Tgt Ion:113 Resp: 827927
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.6 122.4
 192 23.1 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 150.604 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion: 75 Resp: 1109278
 Ion Ratio Lower Upper
 75 100
 110 39.5 20.2 60.5
 77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 146.349 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

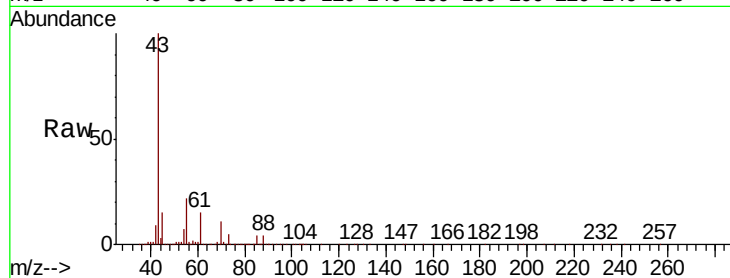
Tgt Ion: 43 Resp: 1155655

Ion Ratio Lower Upper

43 100

61 14.5 11.9 17.9

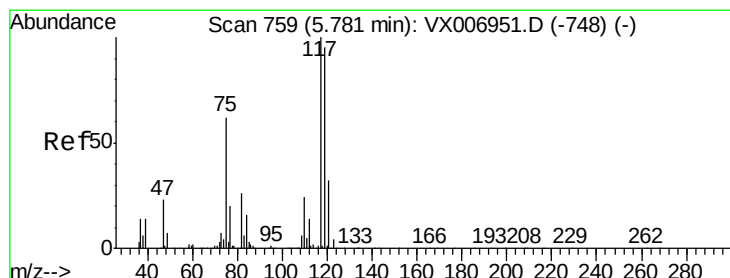
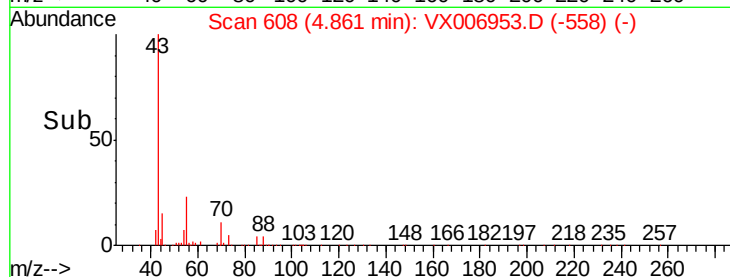
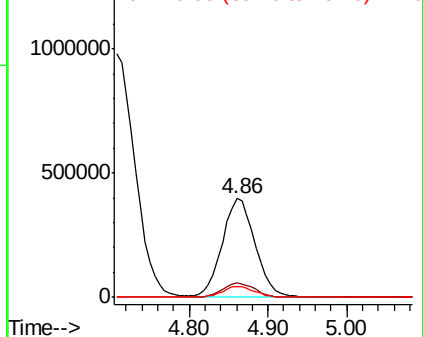
70 11.2 9.7 14.5



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: 160.902 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

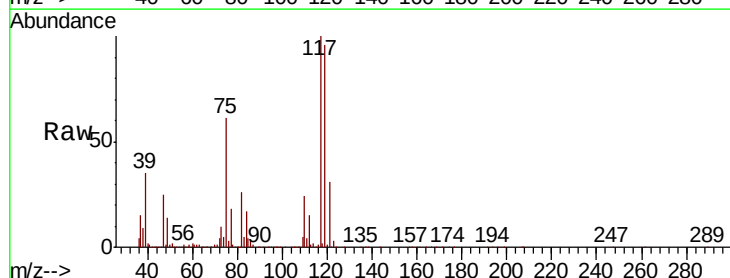
Tgt Ion: 117 Resp: 1192388

Ion Ratio Lower Upper

117 100

119 95.7 79.4 119.2

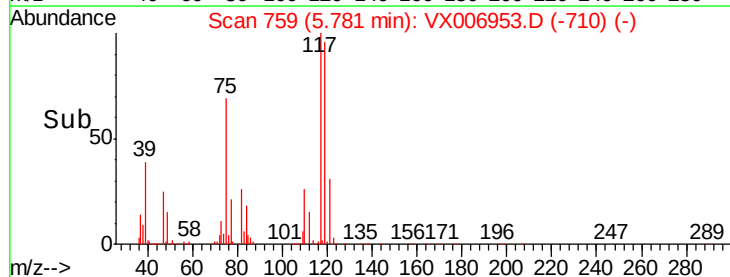
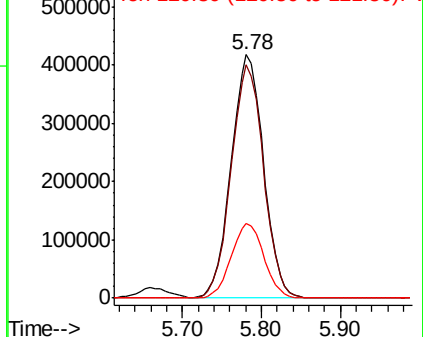
121 30.7 24.0 36.0

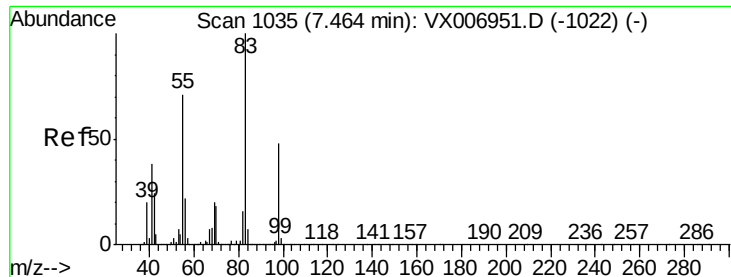


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

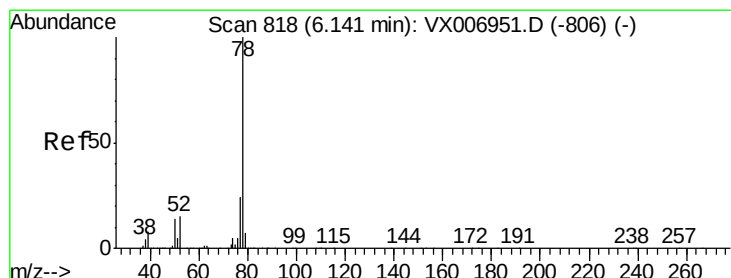
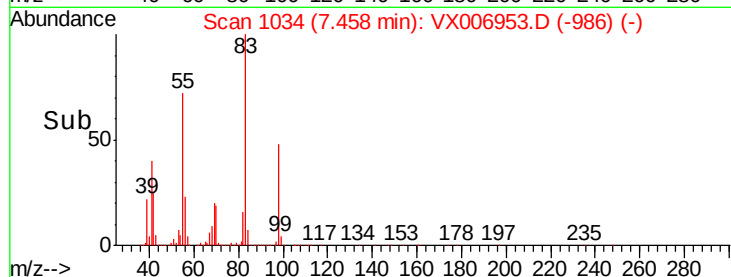
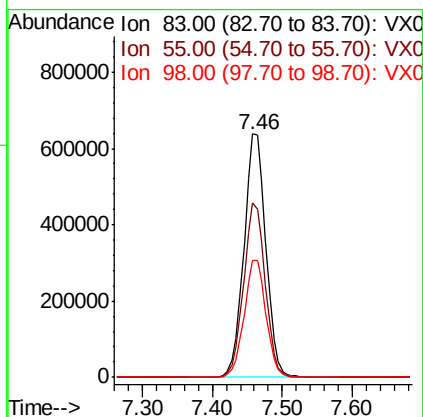
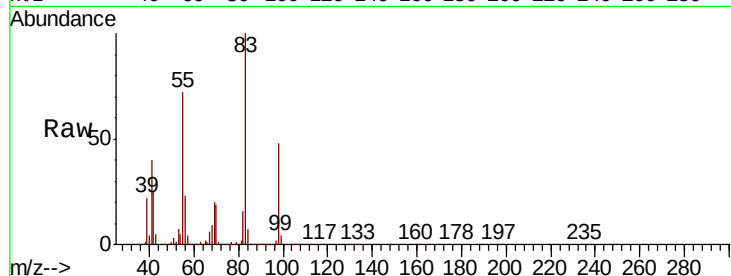




#39
Methylcyclohexane
Concen: 147.350 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

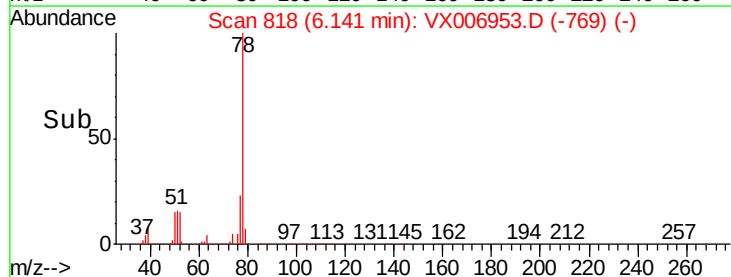
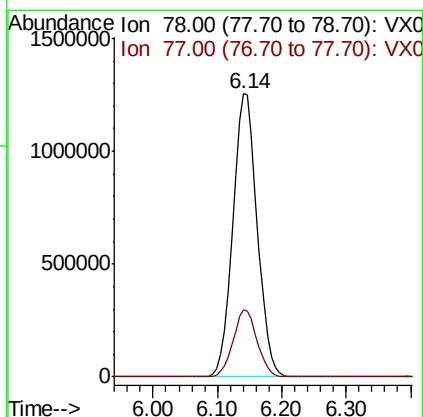
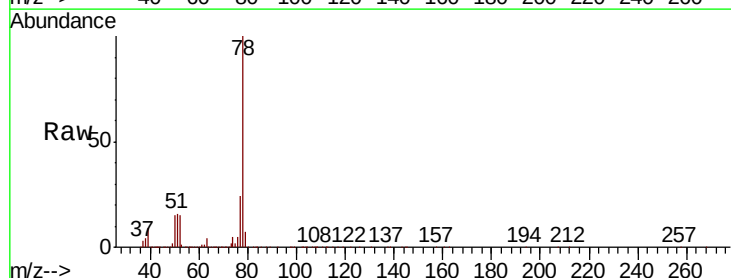
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

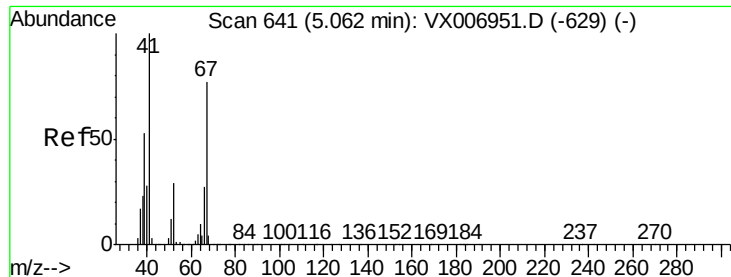
Tgt Ion: 83 Resp: 1383611
Ion Ratio Lower Upper
83 100
55 71.6 54.9 82.3
98 48.1 37.9 56.9



#40
Benzene
Concen: 146.436 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 78 Resp: 3291080
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

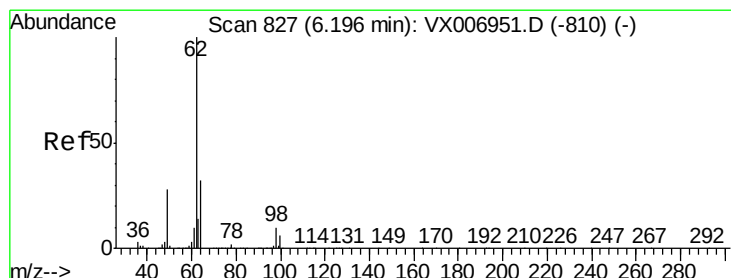
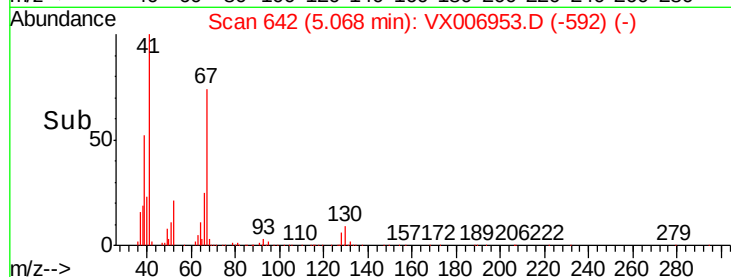
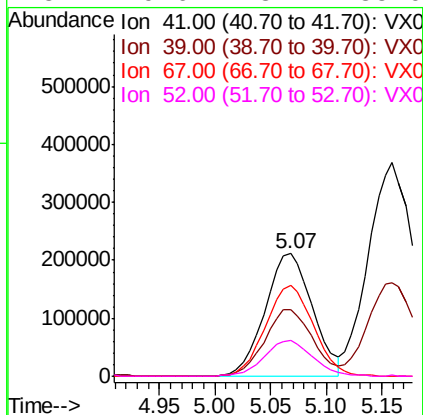
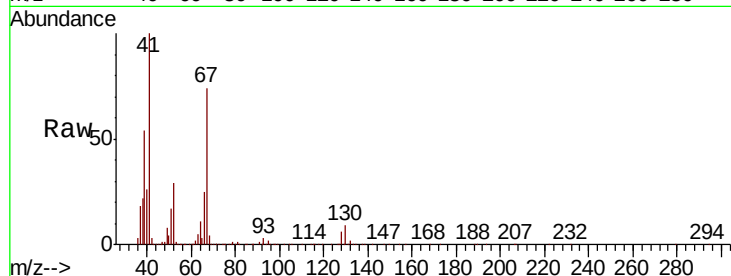




#41
Methacrylonitrile
Concen: 138.211 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

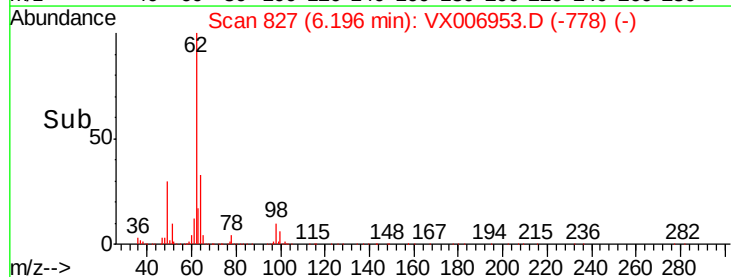
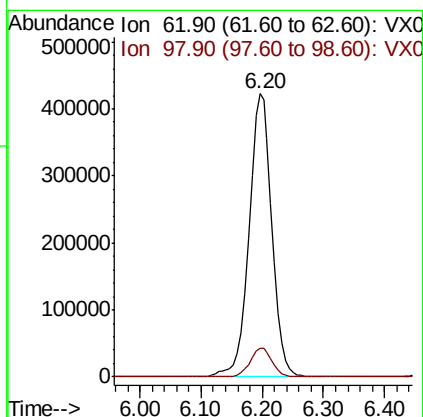
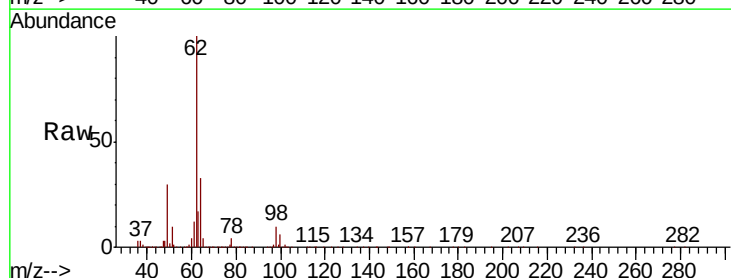
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

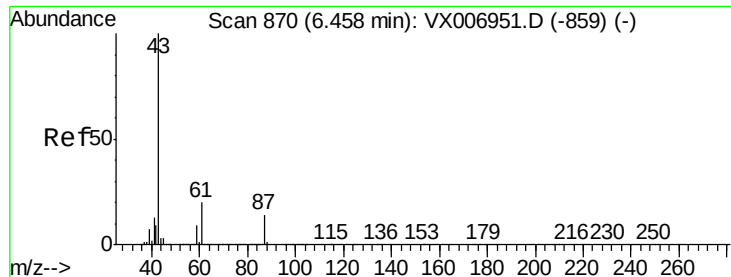
Tgt Ion:	41	Resp:	628726
Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.8	64.2
67	75.2	62.1	93.1
52	29.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 141.872 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion:	62	Resp:	1101828
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2



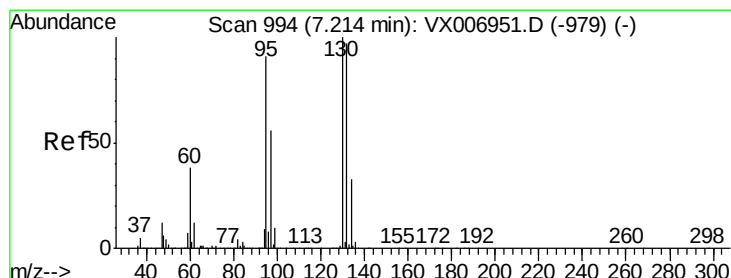
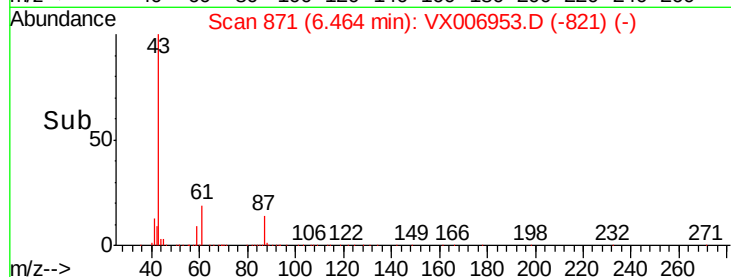
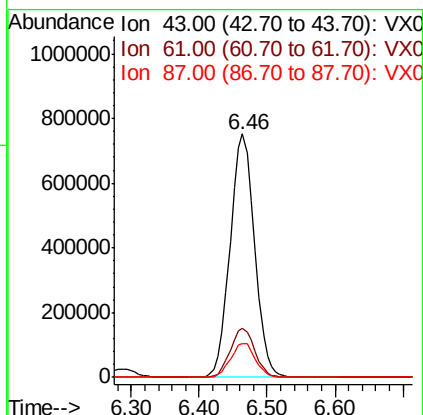
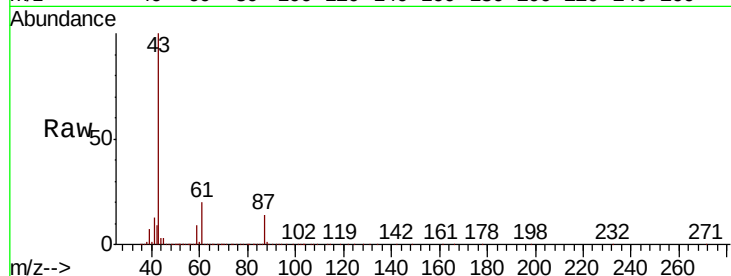


#43

Isopropyl Acetate
 Concen: 150.132 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

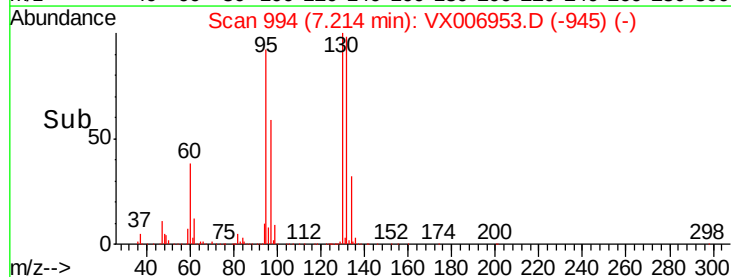
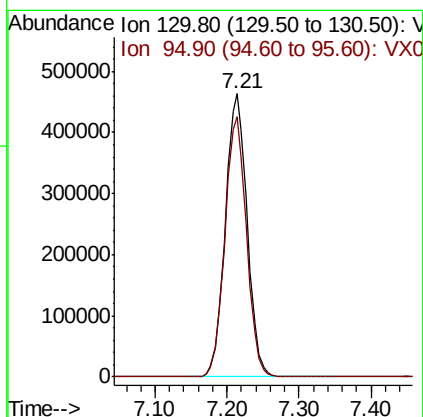
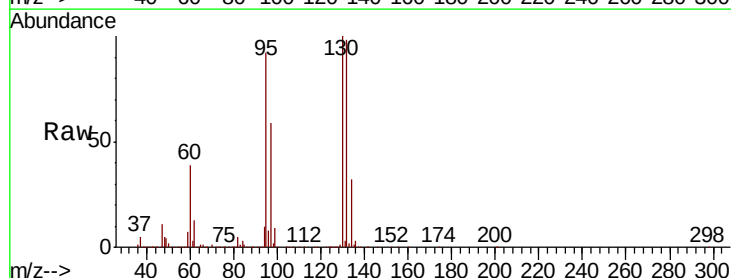
Tgt Ion: 43 Resp: 1869998
 Ion Ratio Lower Upper
 43 100
 61 20.3 16.8 25.2
 87 14.3 12.4 18.6

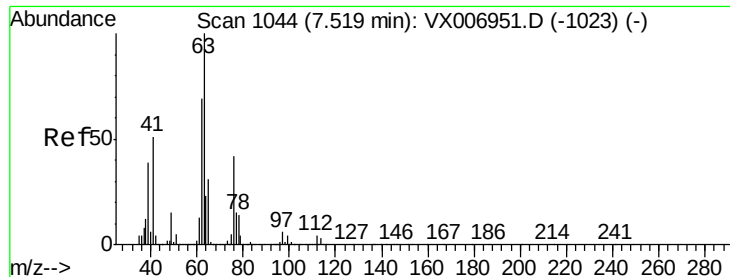


#44

Trichloroethene
 Concen: 144.891 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion: 130 Resp: 975802
 Ion Ratio Lower Upper
 130 100
 95 91.9 0.0 187.0





#45

1,2-Dichloropropane

Concen: 146.283 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

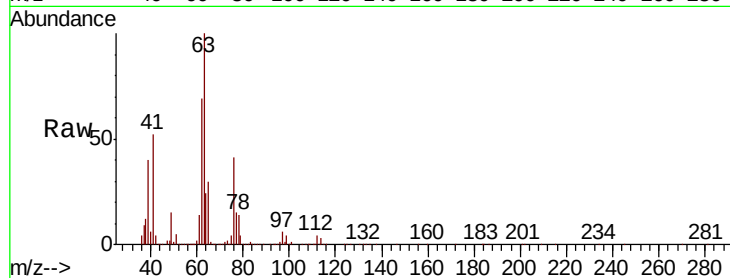
VSTDIC150

Tgt Ion: 63 Resp: 826525

Ion Ratio Lower Upper

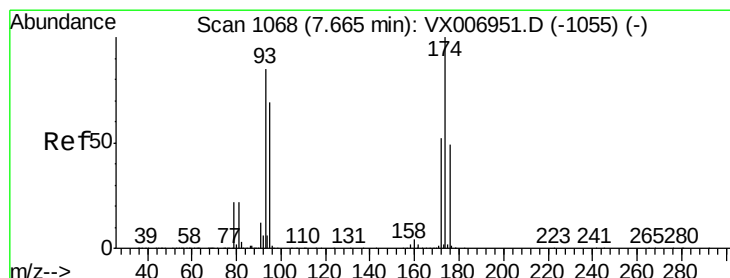
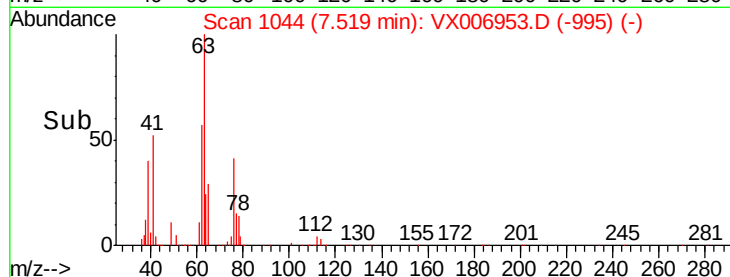
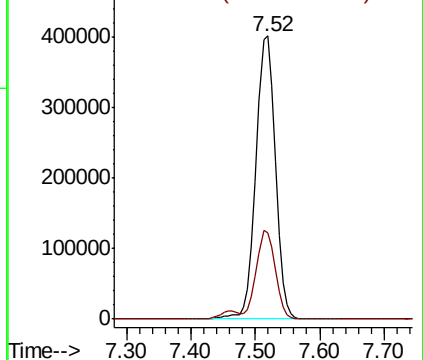
63 100

65 30.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 149.564 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

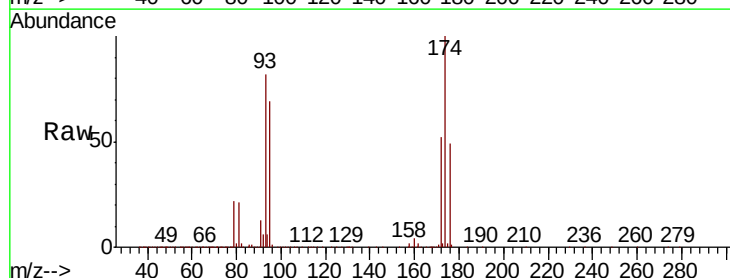
Tgt Ion: 93 Resp: 593913

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

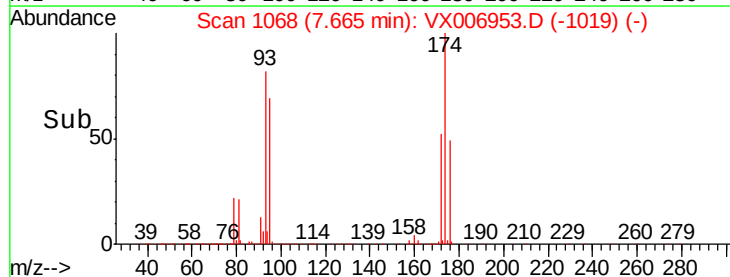
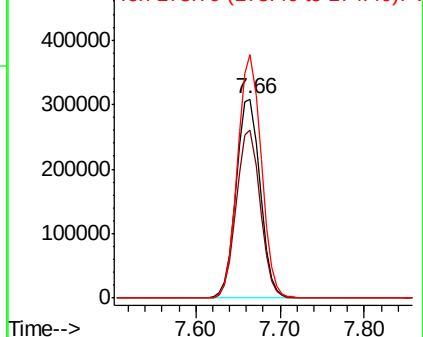
174 119.6 91.0 136.4

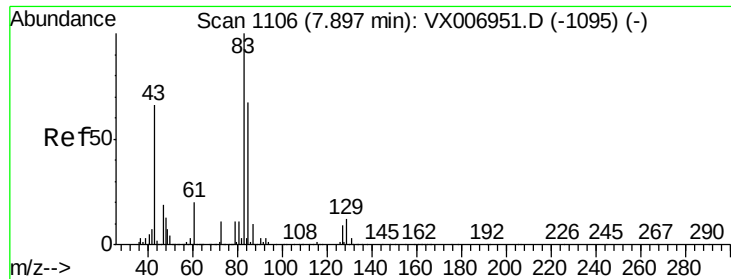


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 163.065 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

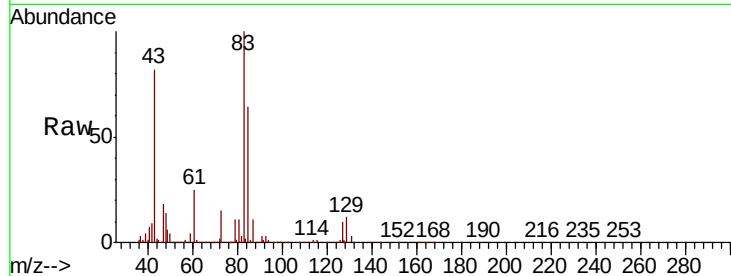
Tgt Ion: 83 Resp: 1102187

Ion Ratio Lower Upper

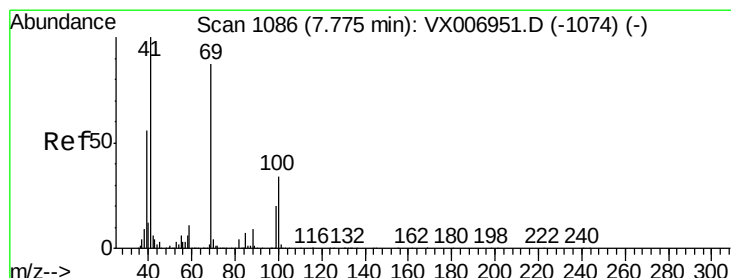
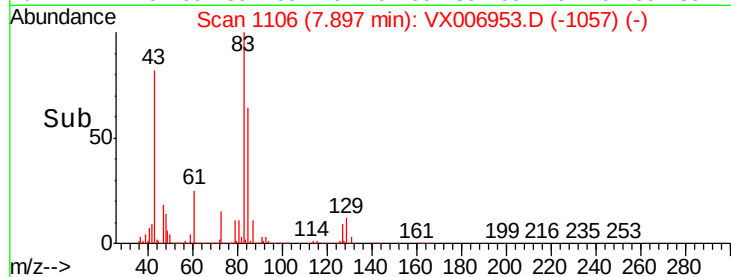
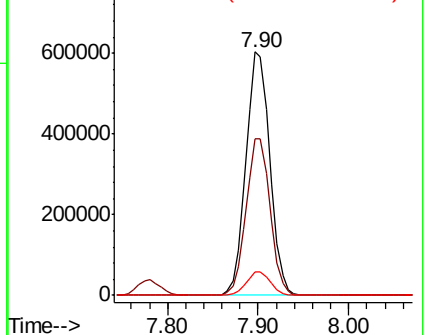
83 100

85 64.4 53.2 79.8

127 9.5 7.8 11.6



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: 145.220 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

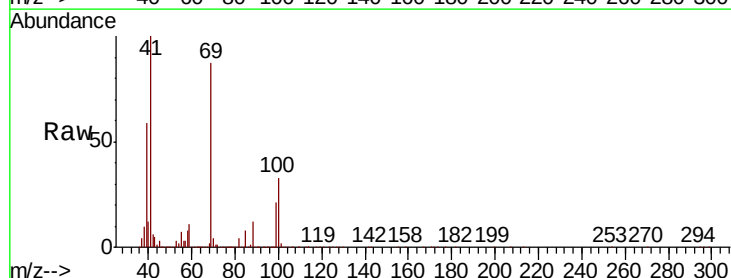
Tgt Ion: 41 Resp: 928900

Ion Ratio Lower Upper

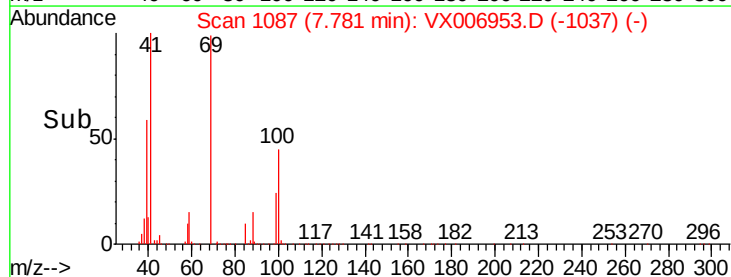
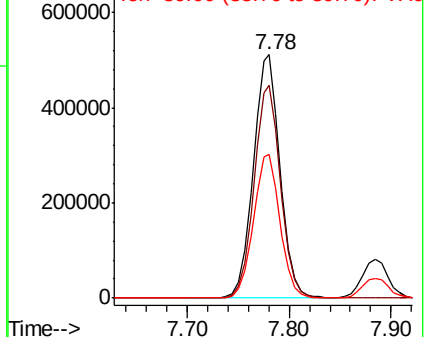
41 100

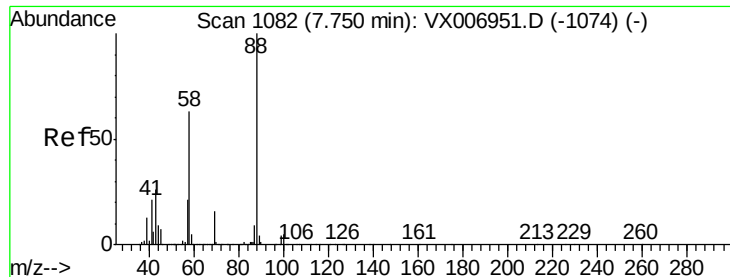
69 87.2 72.4 108.6

39 58.8 45.8 68.8



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: 2967.412 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

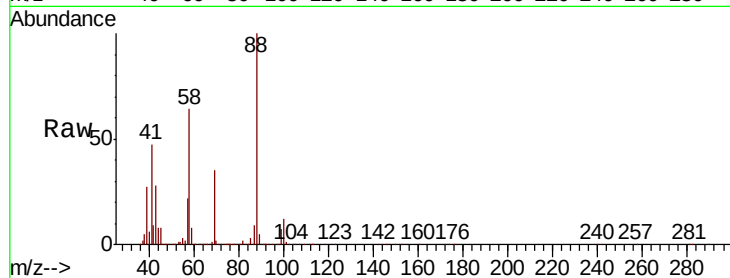
Tgt Ion: 88 Resp: 431002

Ion Ratio Lower Upper

88 100

43 29.5 22.2 33.4

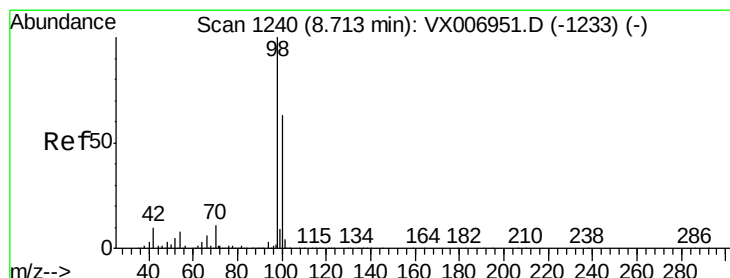
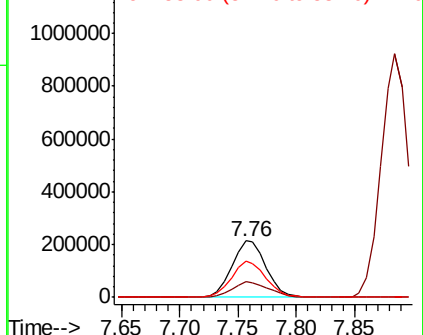
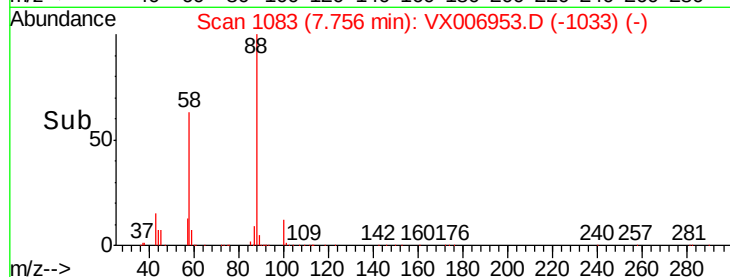
58 64.1 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 147.120 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006953.D

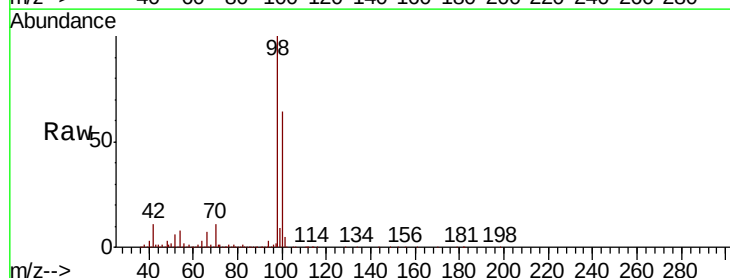
Acq: 08 Jan 2019 13:45

Tgt Ion: 98 Resp: 2921558

Ion Ratio Lower Upper

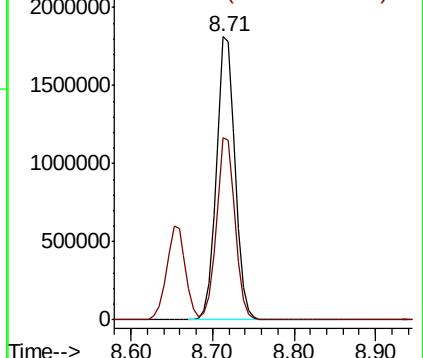
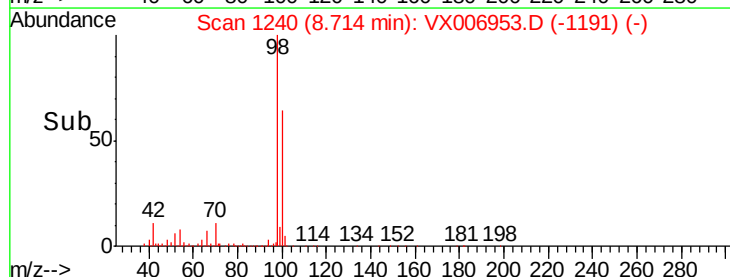
98 100

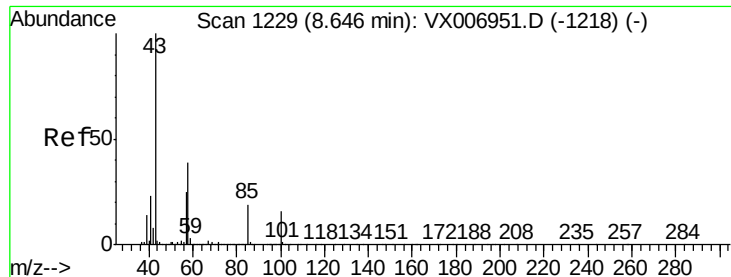
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 733.240 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

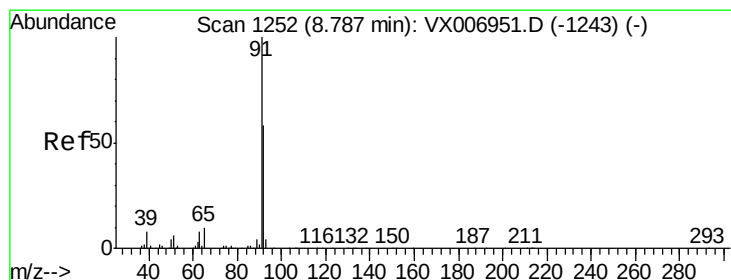
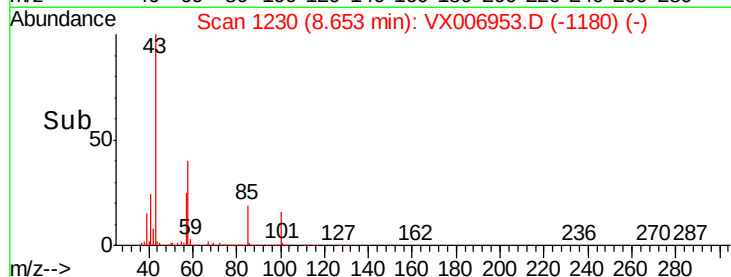
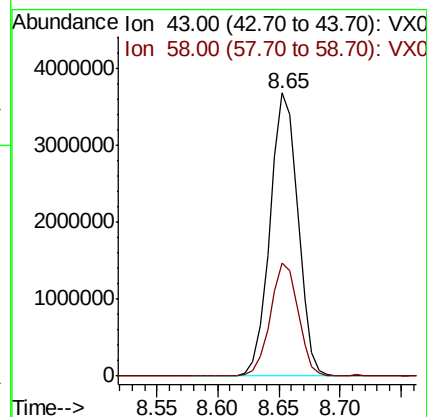
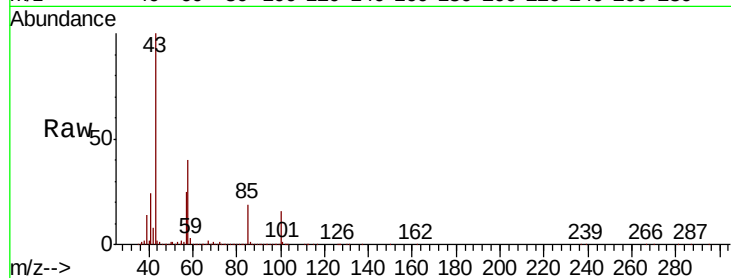
VSTDIC150

Tgt Ion: 43 Resp: 5869432

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.6



#52

Toluene

Concen: 142.828 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006953.D

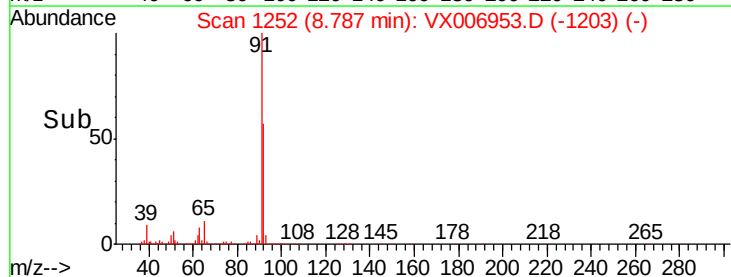
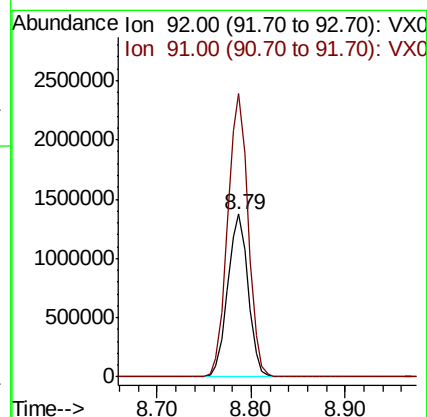
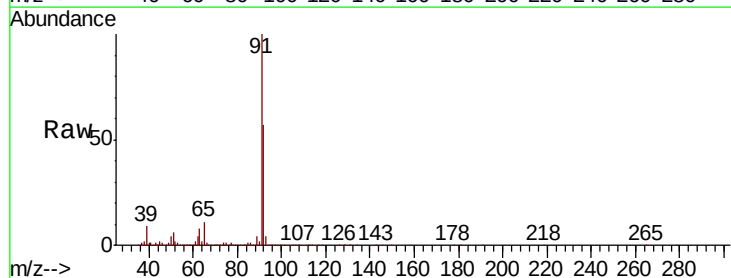
Acq: 08 Jan 2019 13:45

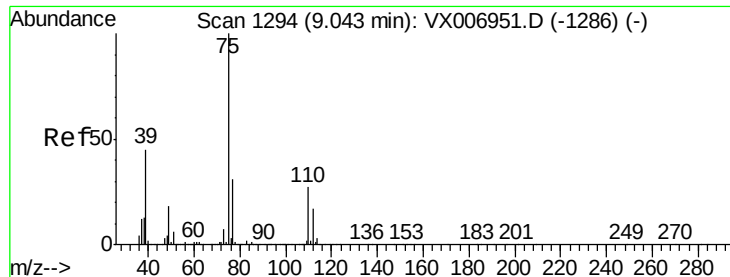
Tgt Ion: 92 Resp: 2063176

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 166.254 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

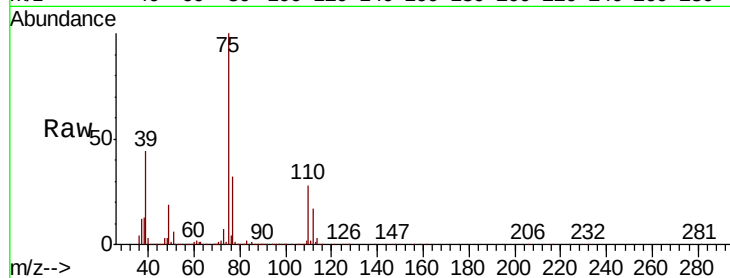
VSTDIC150

Tgt Ion: 75 Resp: 1246076

Ion Ratio Lower Upper

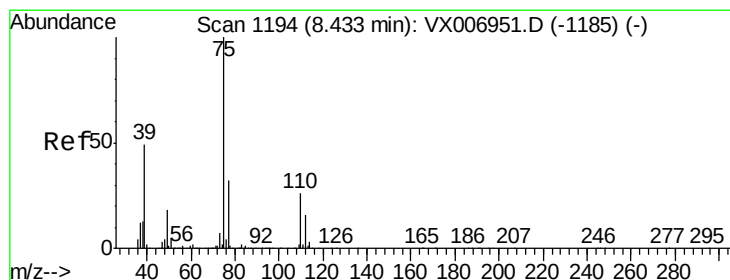
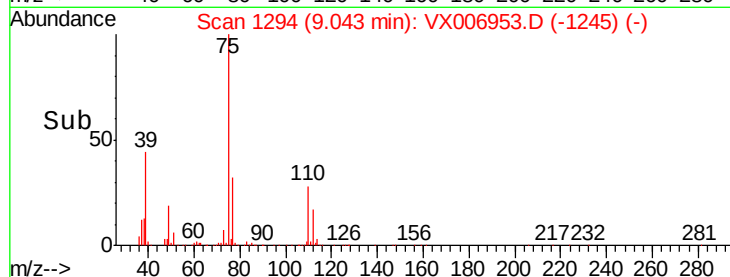
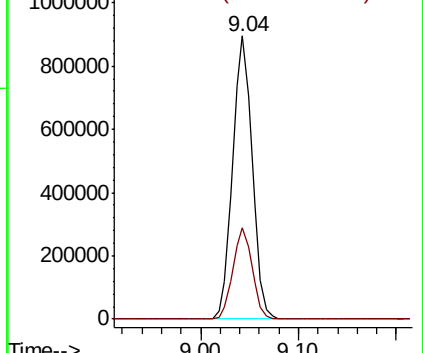
75 100

77 32.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 163.266 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

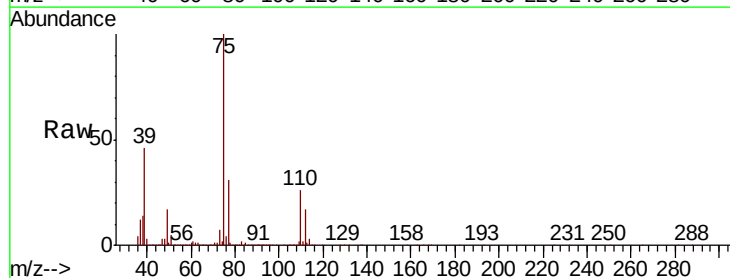
Tgt Ion: 75 Resp: 1351358

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

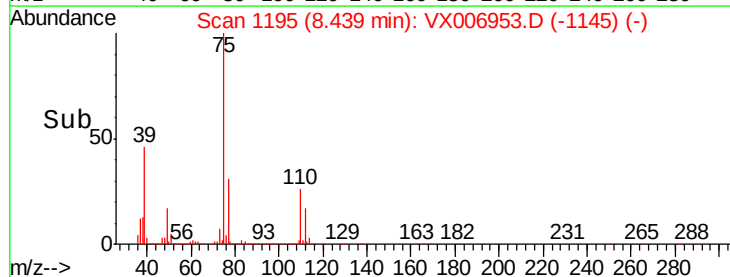
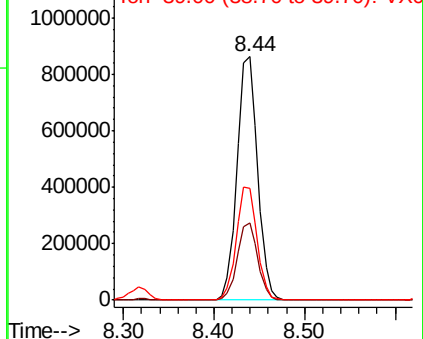
39 45.9 36.7 55.1

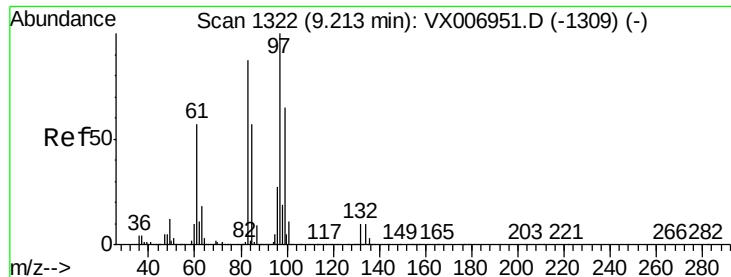


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

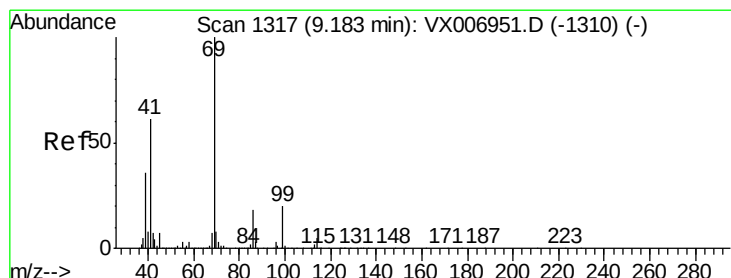
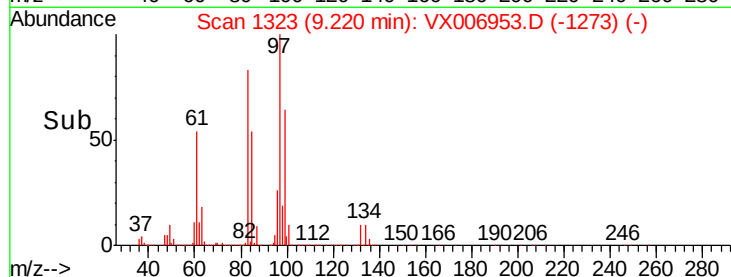
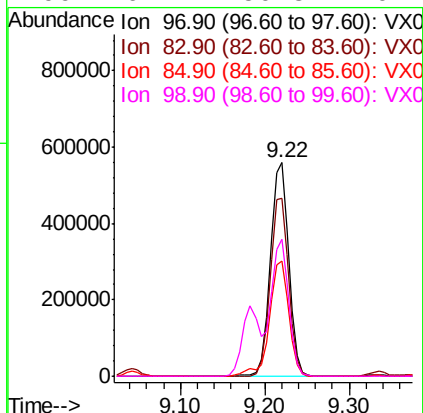
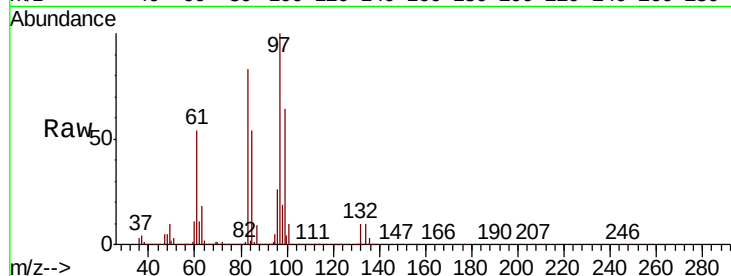




#55
 1,1,2-Trichloroethane
 Concen: 146.065 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

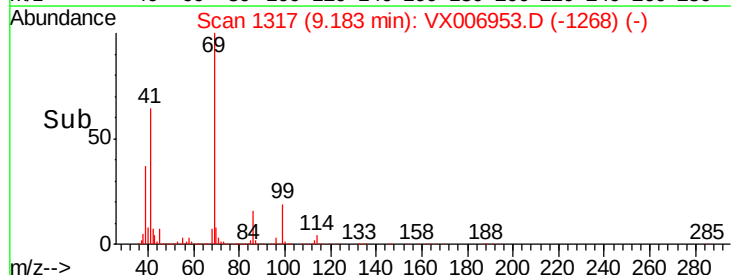
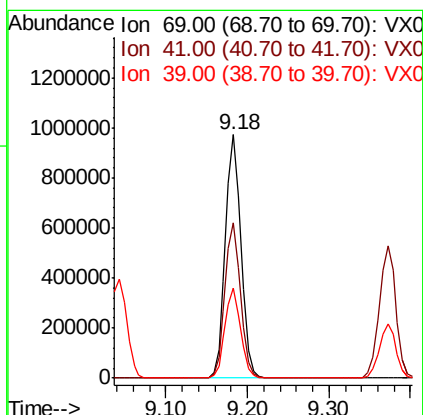
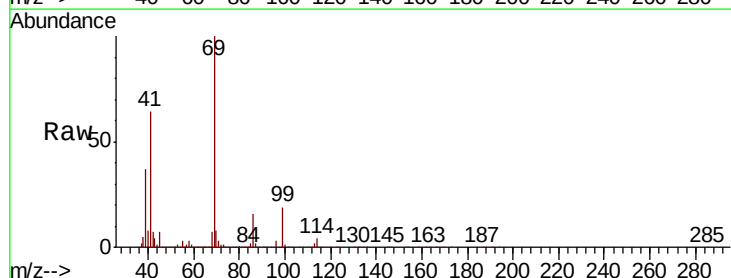
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

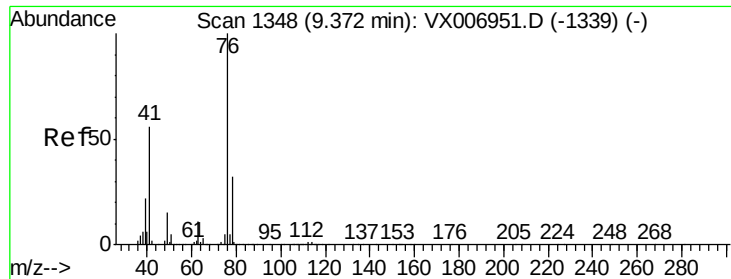
Tgt Ion:	97	Resp:	844530
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.6	99.8
85	54.2	42.7	64.1
99	64.1	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 152.377 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion:	69	Resp:	1286178
Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.7	73.1
39	37.1	27.0	40.6





#57

1,3-Dichloropropane

Concen: 142.501 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

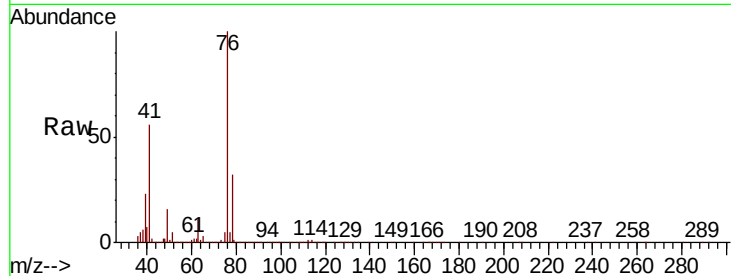
VSTDIC150

Tgt Ion: 76 Resp: 1349807

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

1000000

800000

600000

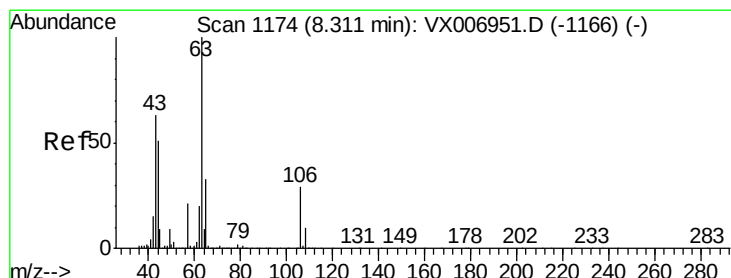
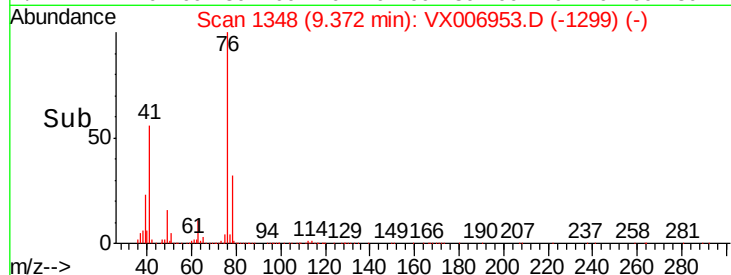
400000

200000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 748.898 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006953.D

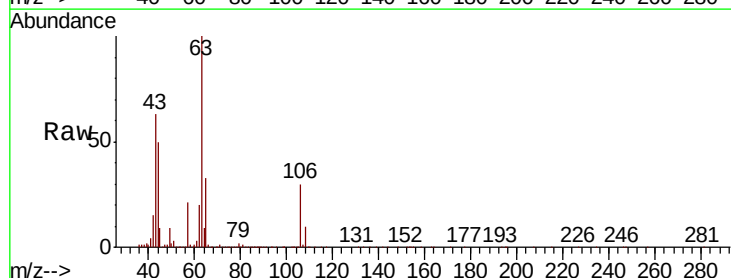
Acq: 08 Jan 2019 13:45

Tgt Ion: 63 Resp: 3250122

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

2000000

1500000

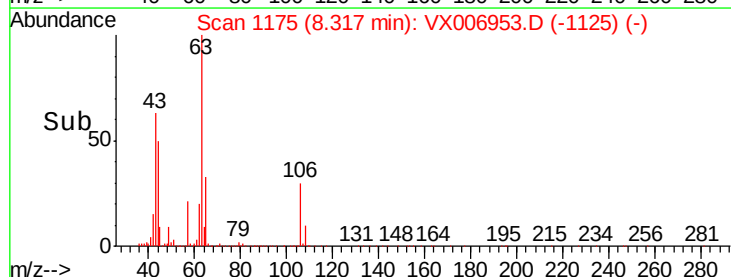
1000000

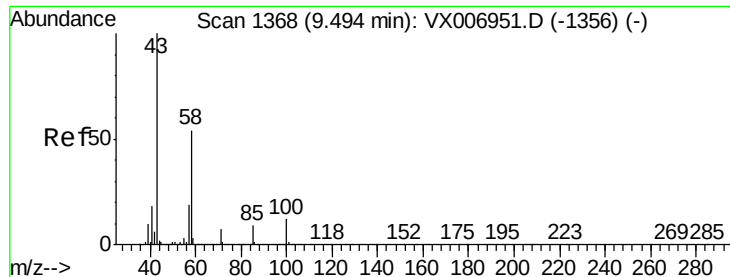
500000

0

8.25 8.30 8.35 8.40

Time-->

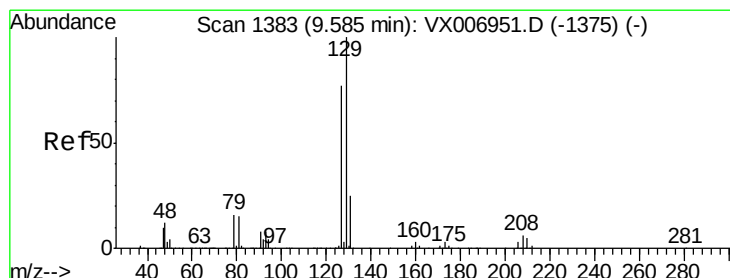
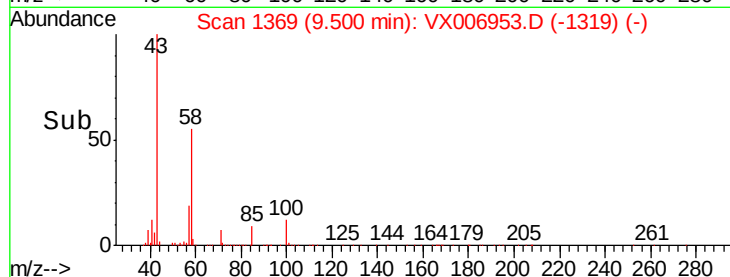
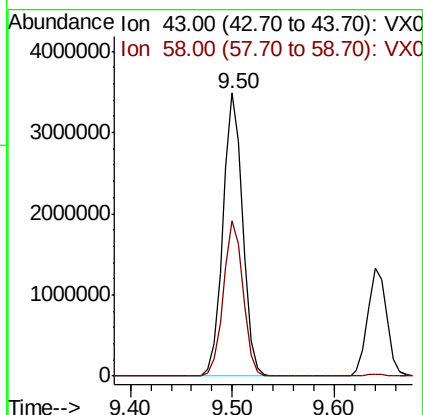
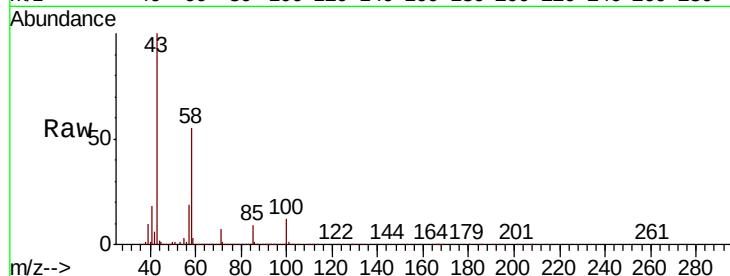




#59
2-Hexanone
Concen: 765.423 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

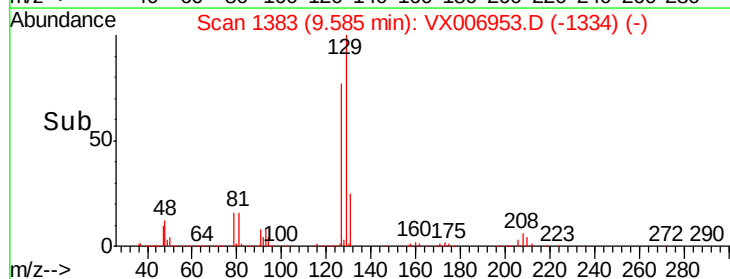
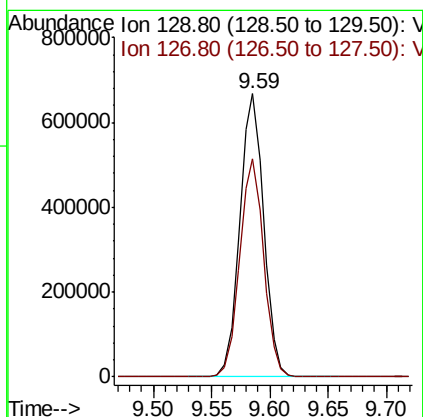
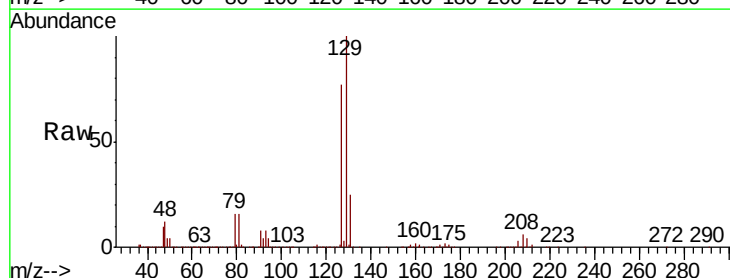
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

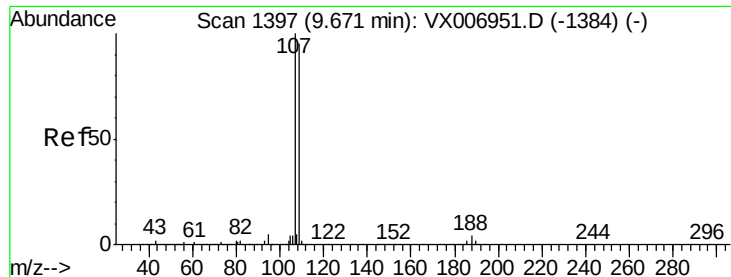
Tgt Ion: 43 Resp: 4669164
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 170.155 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 129 Resp: 955310
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 145.107 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

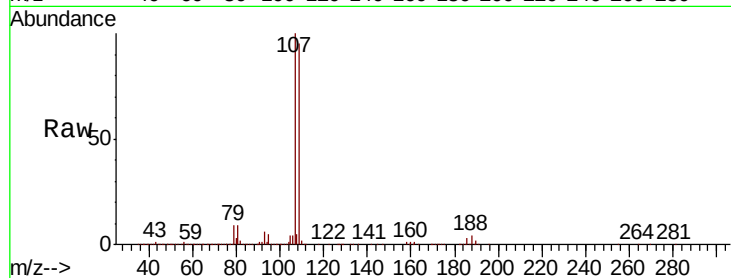
VSTDIC150

Tgt Ion: 107 Resp: 923640

Ion Ratio Lower Upper

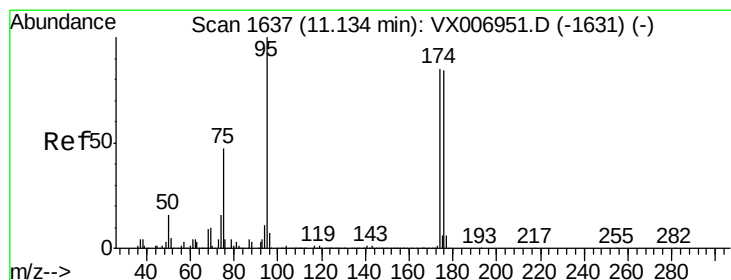
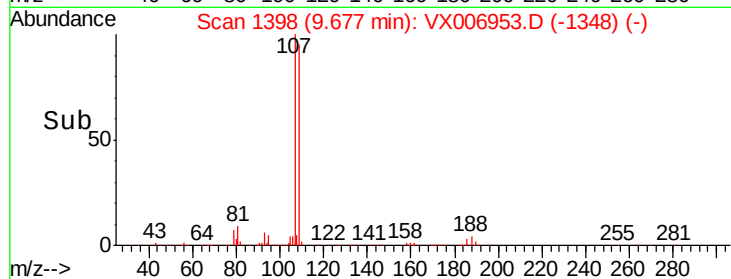
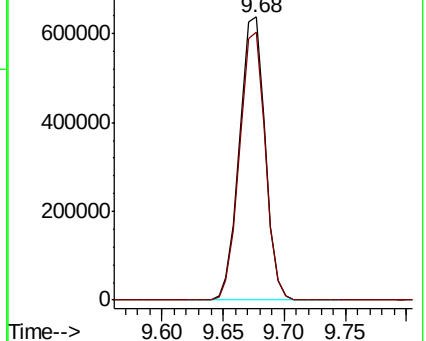
107 100

109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 154.472 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

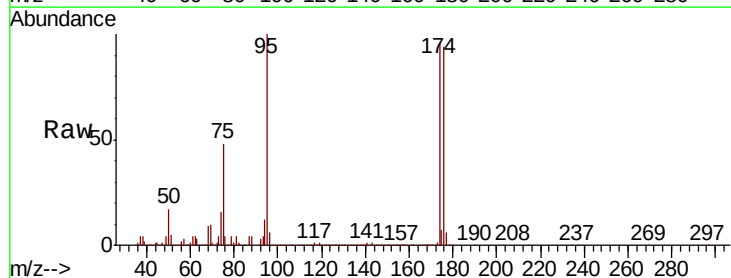
Tgt Ion: 95 Resp: 1069419

Ion Ratio Lower Upper

95 100

174 94.7 0.0 182.2

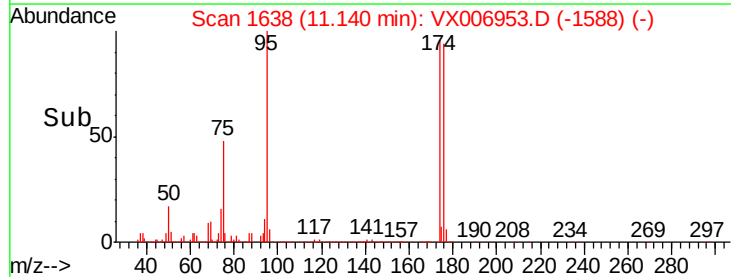
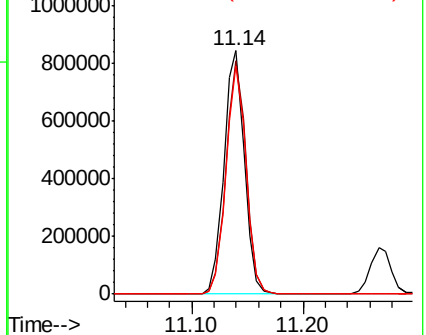
176 91.9 0.0 178.8

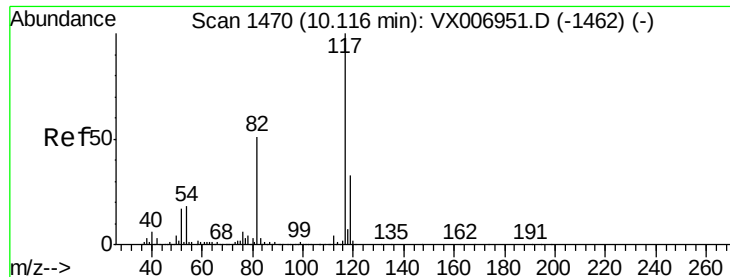


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

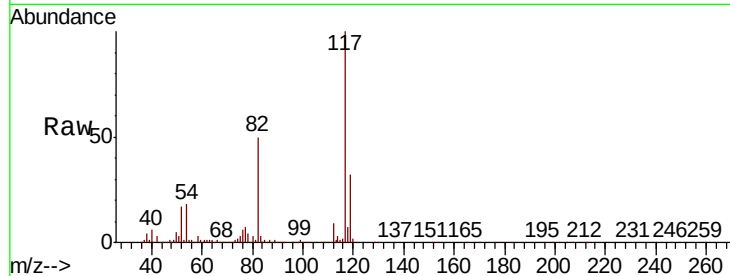




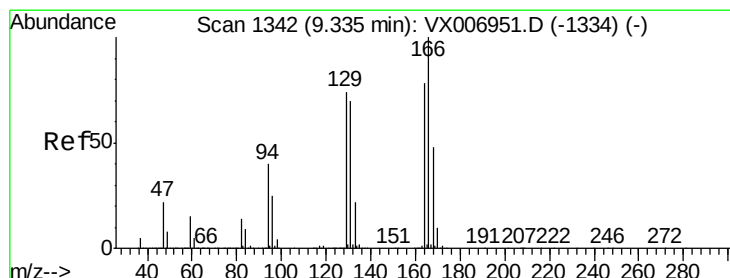
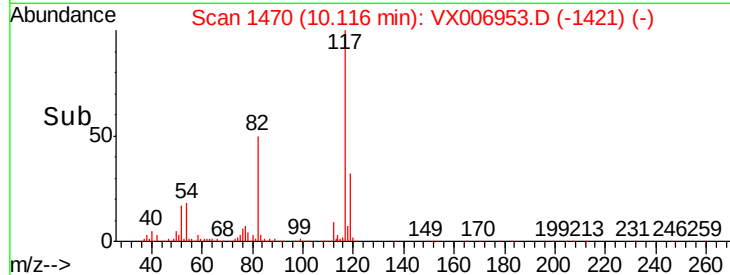
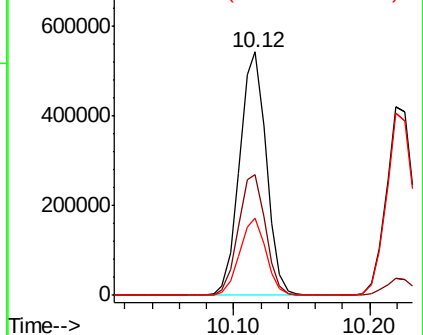
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 740490
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.6
119 31.9 25.4 38.0



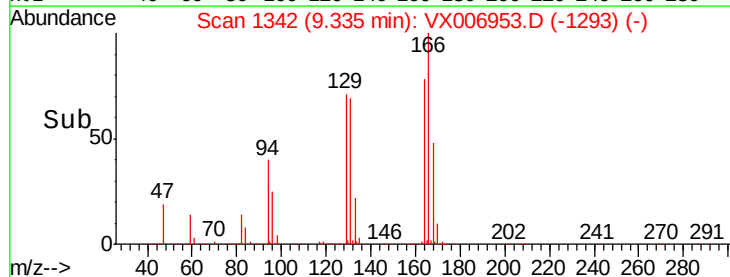
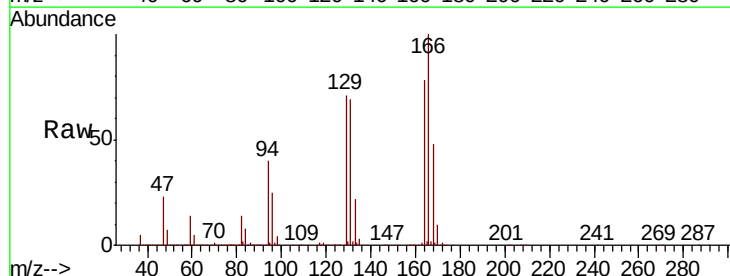
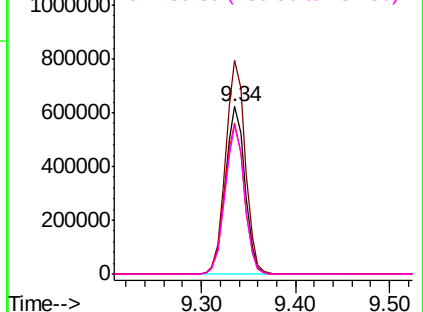
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

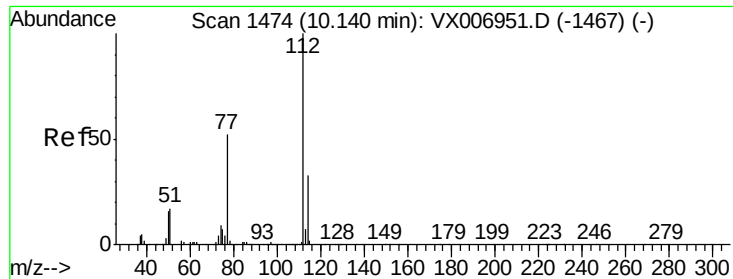


#64
Tetrachloroethene
Concen: 139.634 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion:164 Resp: 895190
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 90.4 75.1 112.7
131 88.6 72.7 109.1

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

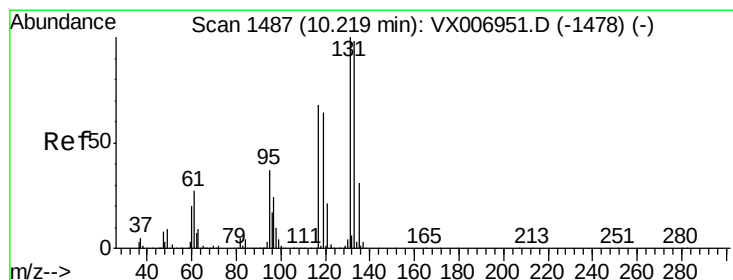
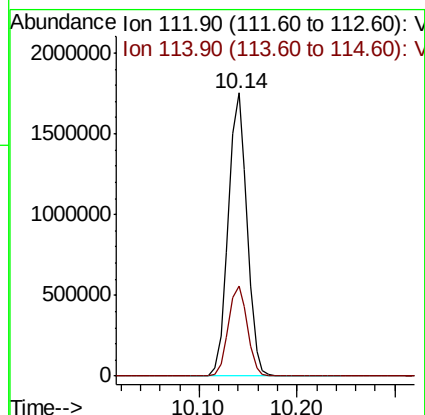
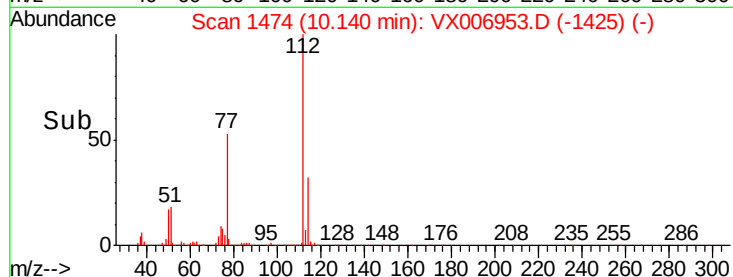
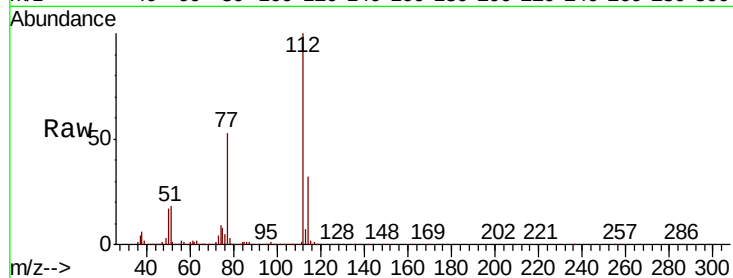




#65
Chlorobenzene
Concen: 144.229 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

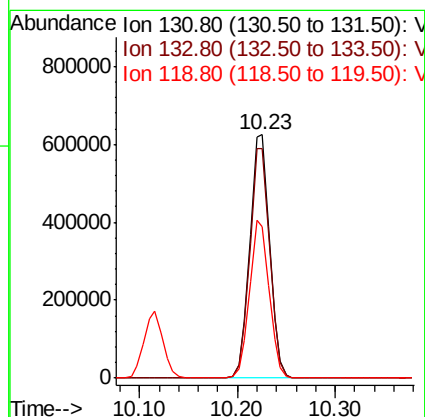
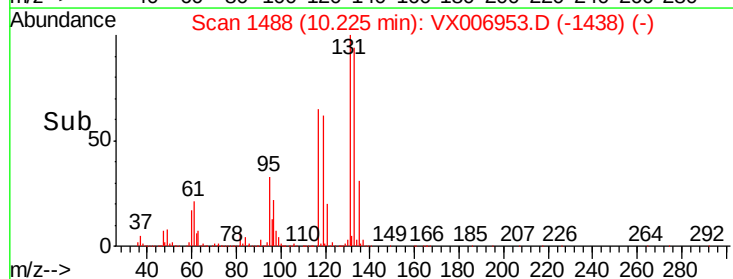
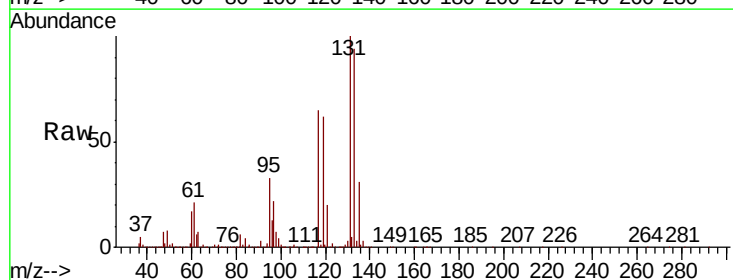
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

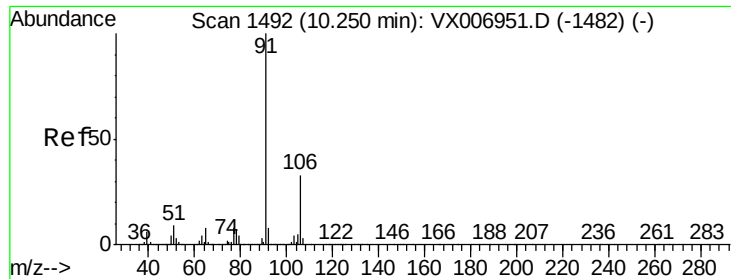
Tgt Ion:112 Resp: 2329360
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 161.590 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion:131 Resp: 877926
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 64.0 32.6 97.8

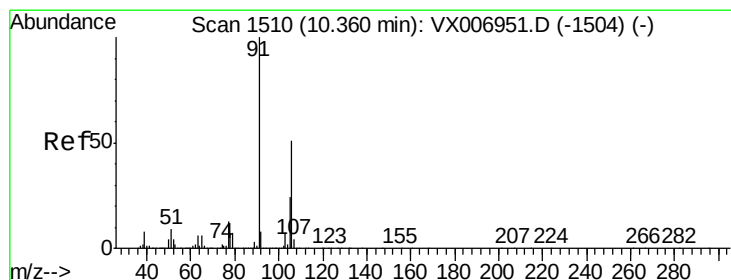
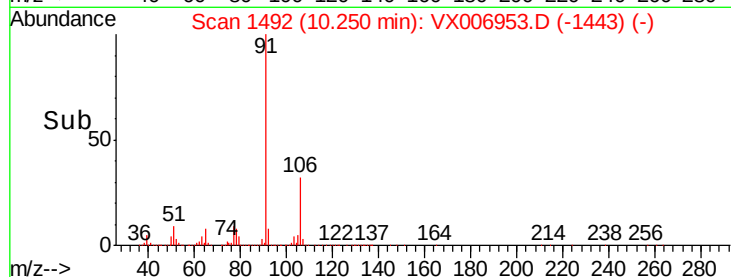
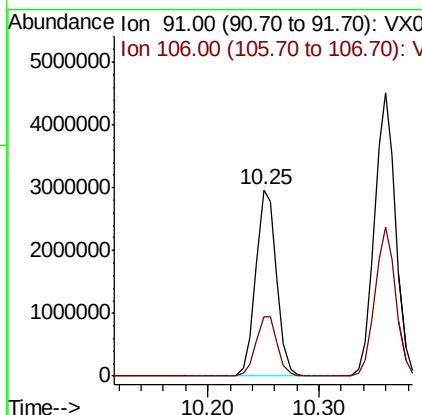
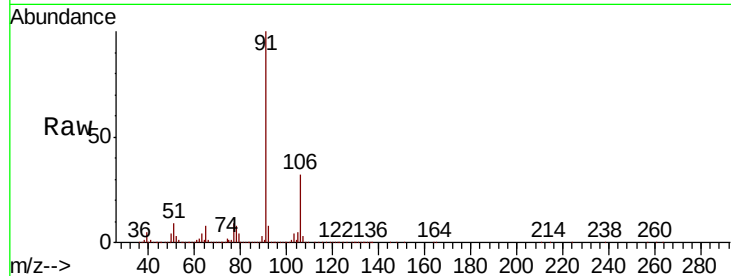




#67
Ethyl Benzene
Concen: 145.199 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

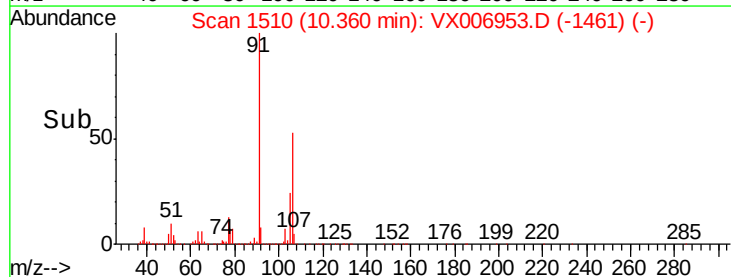
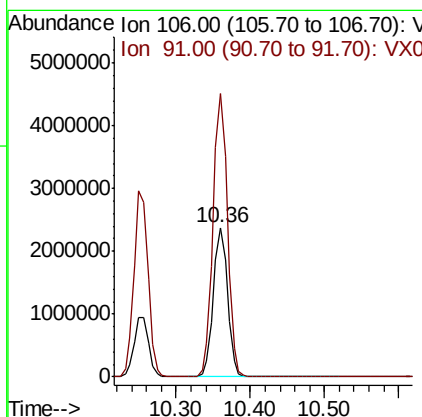
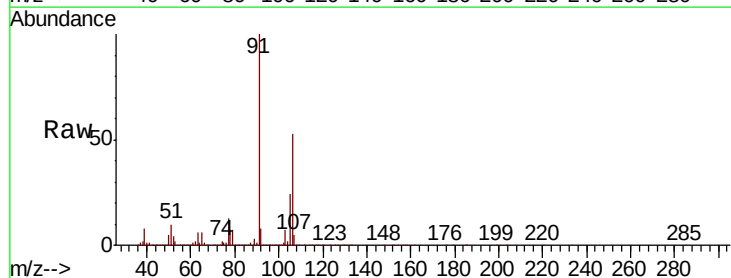
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

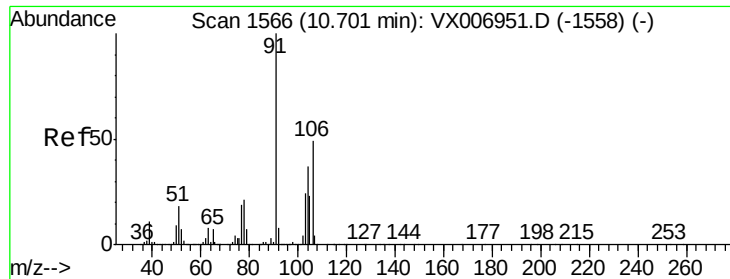
Tgt Ion: 91 Resp: 3871359
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6



#68
m/p-Xylenes
Concen: 295.524 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 106 Resp: 3104359
Ion Ratio Lower Upper
106 100
91 193.4 155.8 233.6

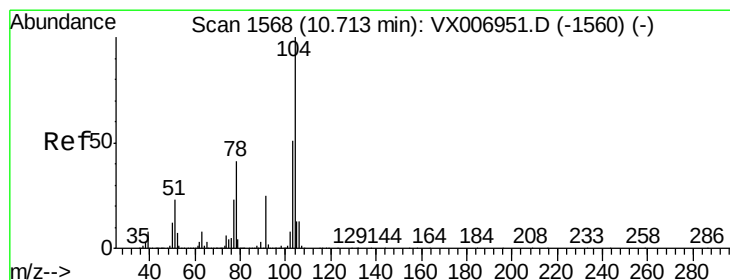
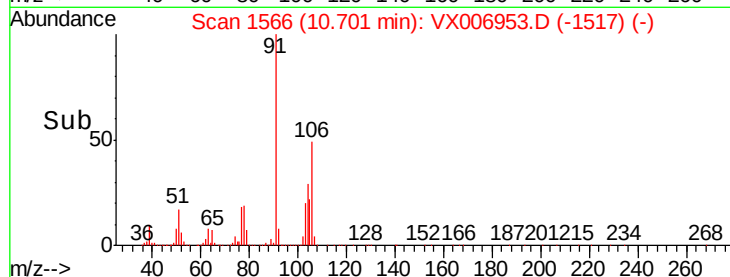
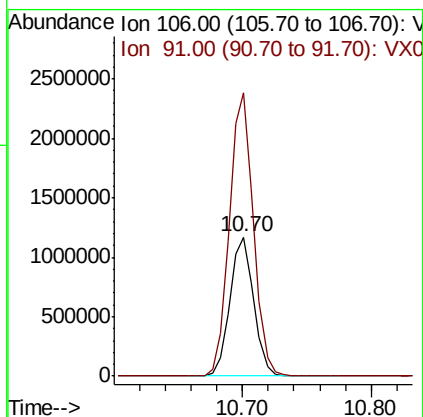
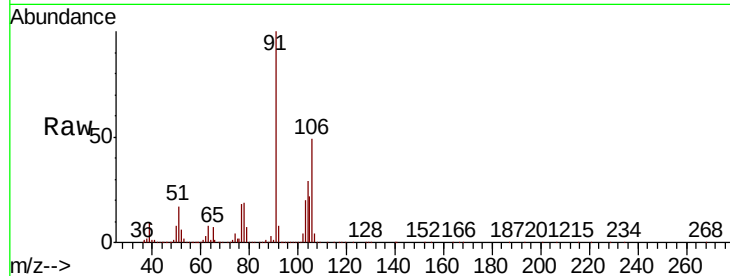




#69
o-Xylene
Concen: 147.624 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

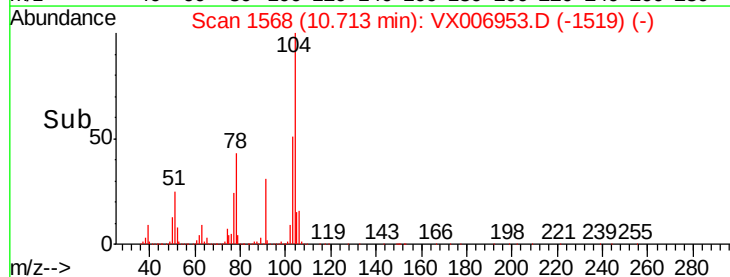
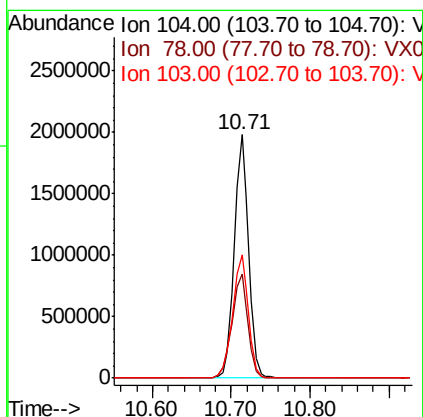
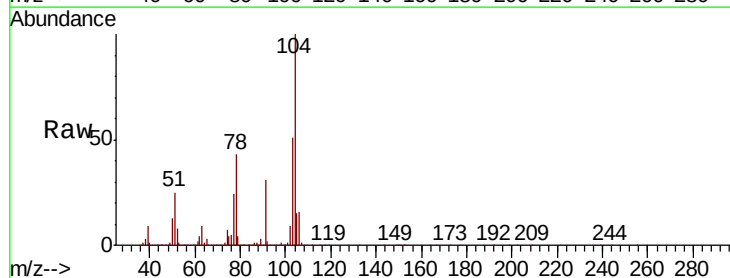
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

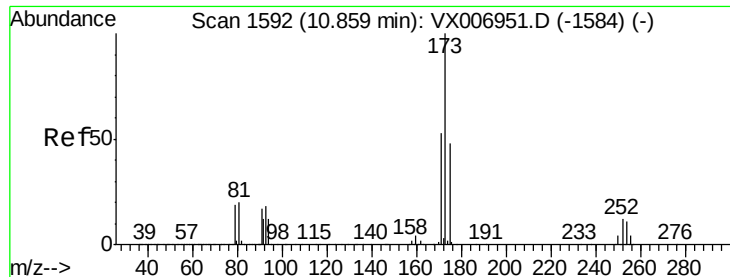
Tgt Ion:106 Resp: 1512355
Ion Ratio Lower Upper
106 100
91 205.4 101.3 303.7



#70
Styrene
Concen: 154.145 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion:104 Resp: 2501055
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 55.5 43.8 65.8





#71

Bromoform

Concen: 155.024 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

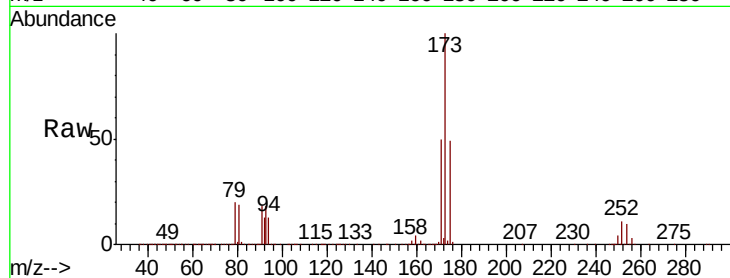
Tgt Ion:173 Resp: 806844

Ion Ratio Lower Upper

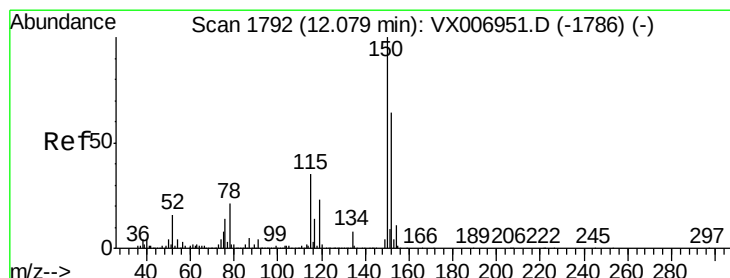
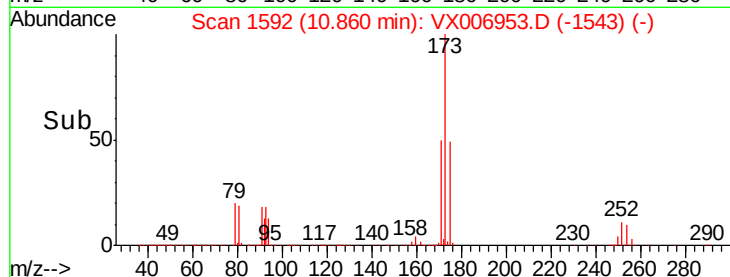
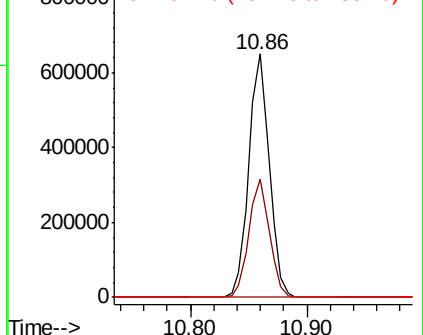
173 100

175 48.7 24.7 74.1

254 0.1 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: VX006953.D

Acq: 08 Jan 2019 13:45

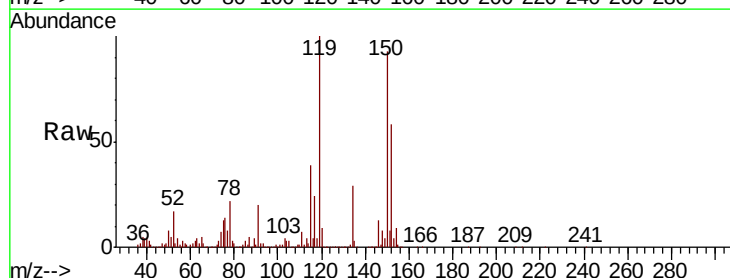
Tgt Ion:152 Resp: 412005

Ion Ratio Lower Upper

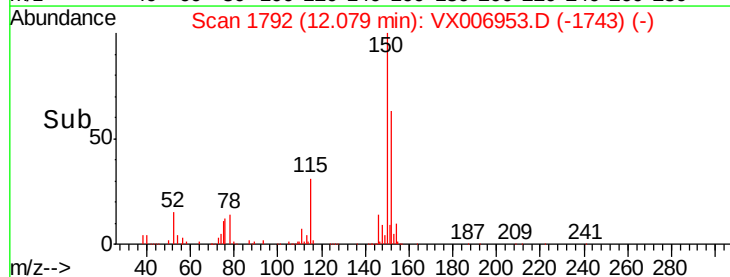
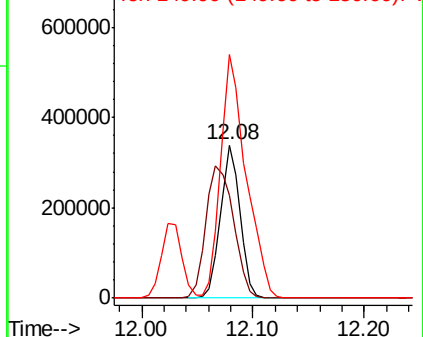
152 100

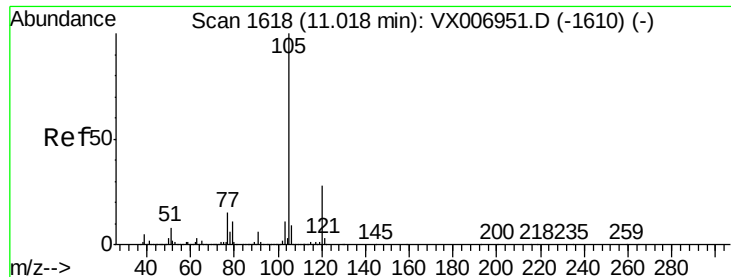
115 122.9 39.1 117.2#

150 207.7 0.0 344.8



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: 136.517 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

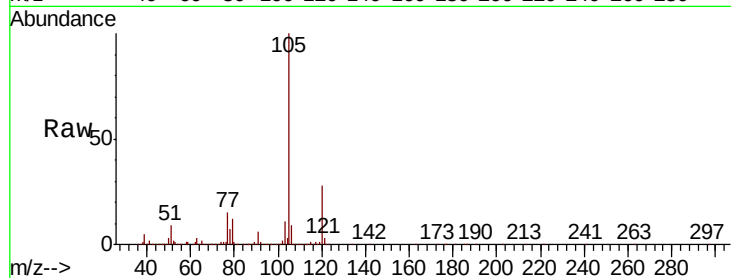
VSTDIC150

Tgt Ion:105 Resp: 3966088

Ion Ratio Lower Upper

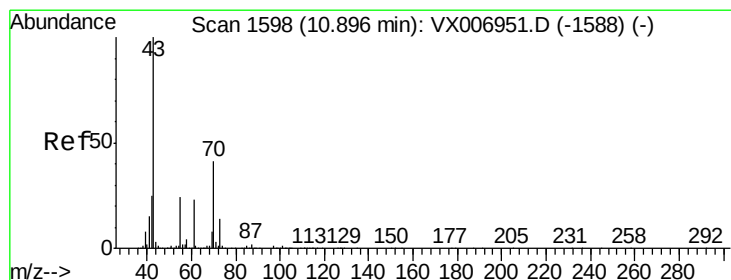
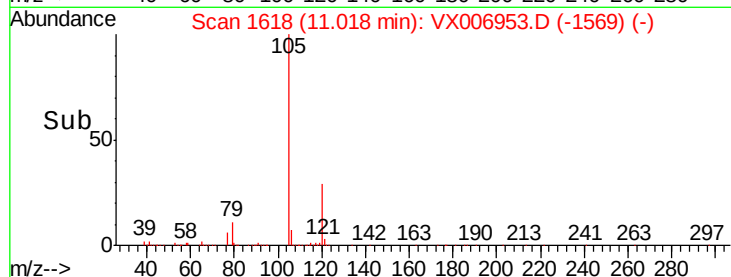
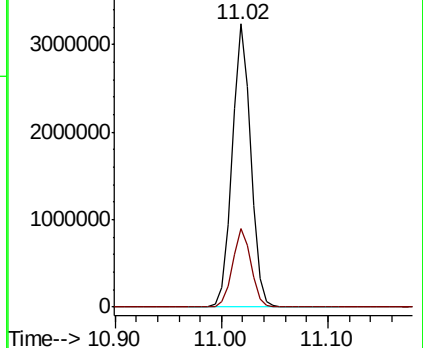
105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 153.999 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Tgt Ion: 43 Resp: 1801327

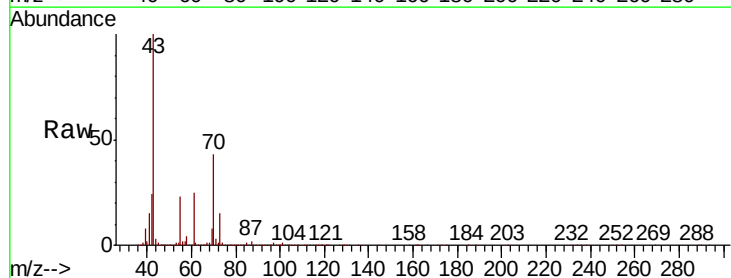
Ion Ratio Lower Upper

43 100

70 42.3 35.8 53.8

55 22.9 19.4 29.0

61 24.4 20.1 30.1

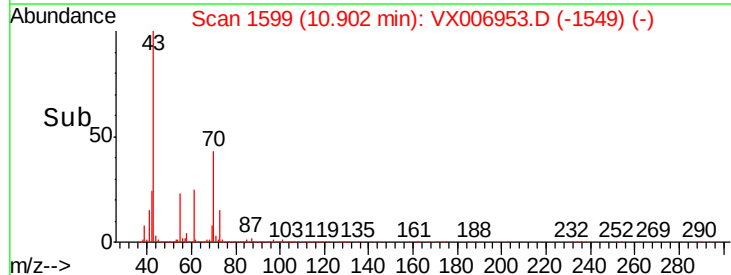
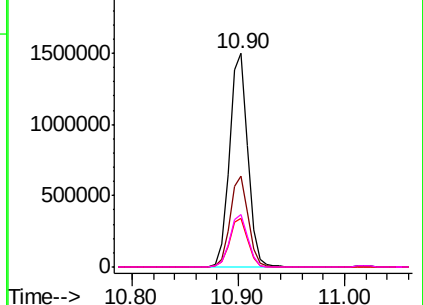


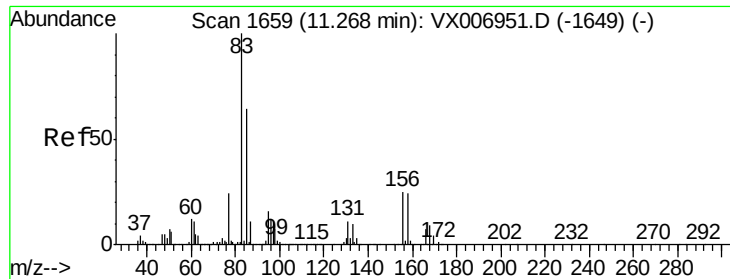
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 145.994 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

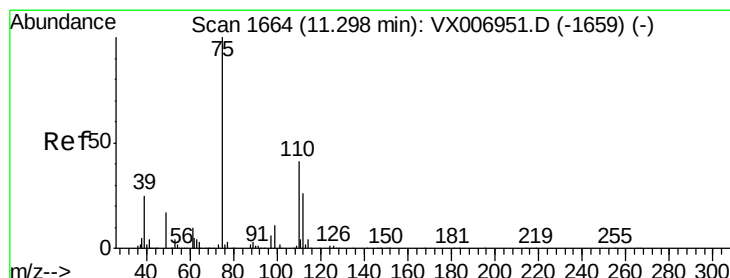
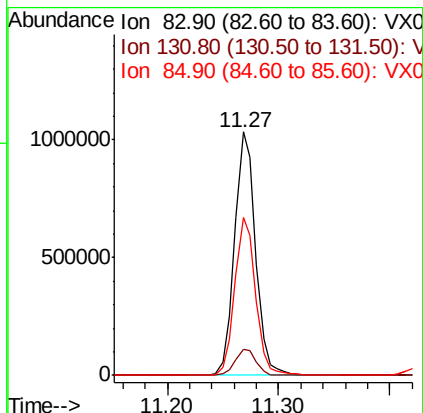
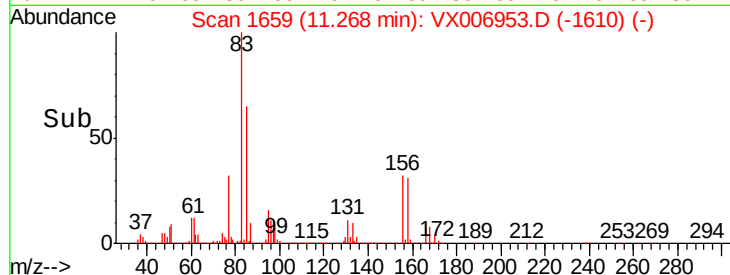
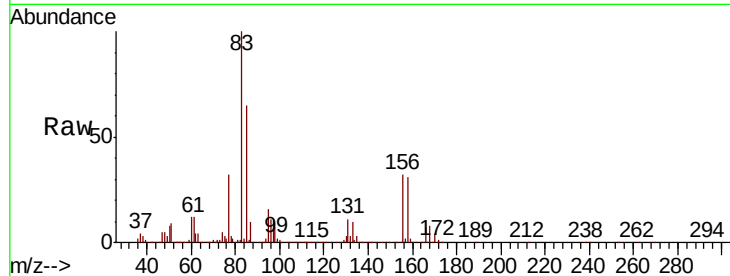
Tgt Ion: 83 Resp: 1346514

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 185.583 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006953.D

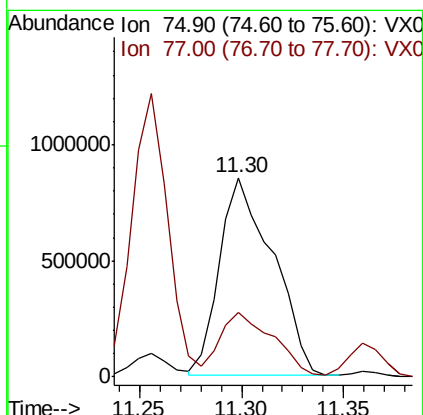
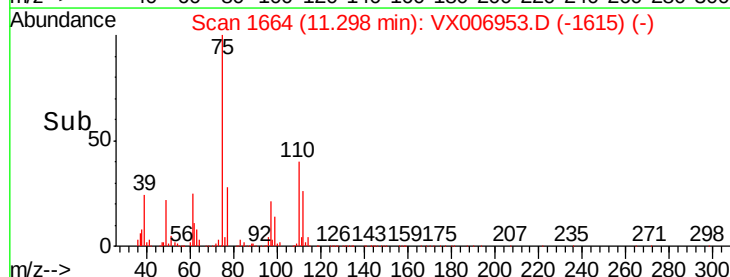
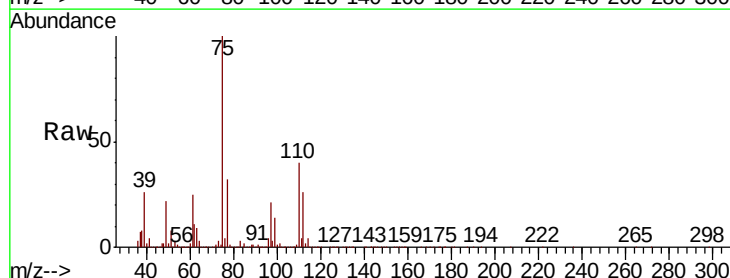
Acq: 08 Jan 2019 13:45

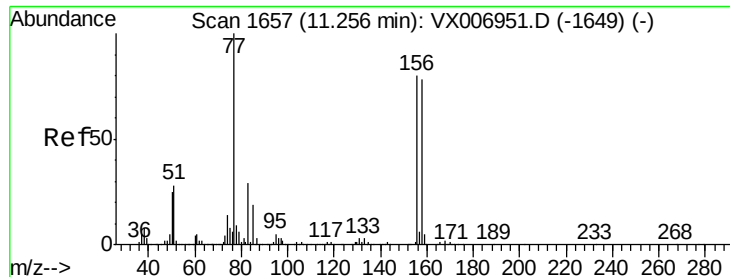
Tgt Ion: 75 Resp: 1549450

Ion Ratio Lower Upper

75 100

77 32.5 18.5 55.5





#77

Bromobenzene

Concen: 140.050 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

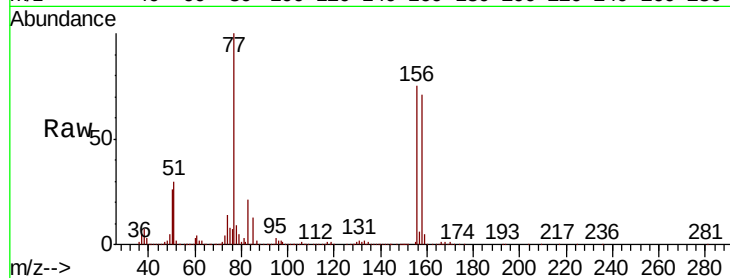
Tgt Ion:156 Resp: 1121095

Ion Ratio Lower Upper

156 100

77 135.0 68.0 204.0

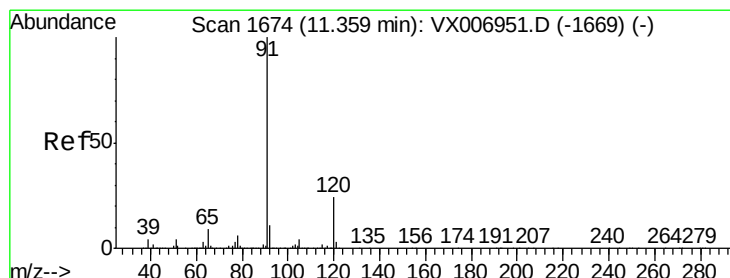
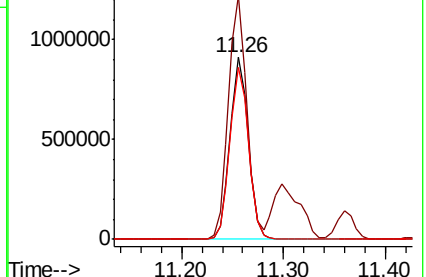
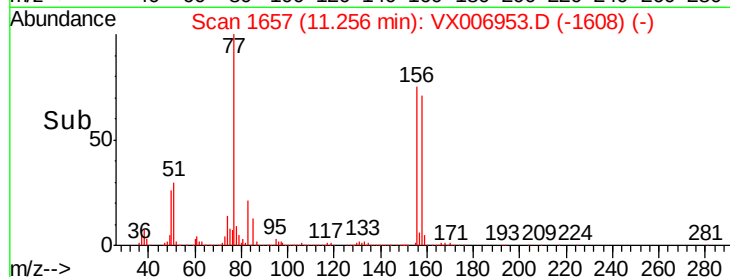
158 96.8 48.3 144.8



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: 140.033 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006953.D

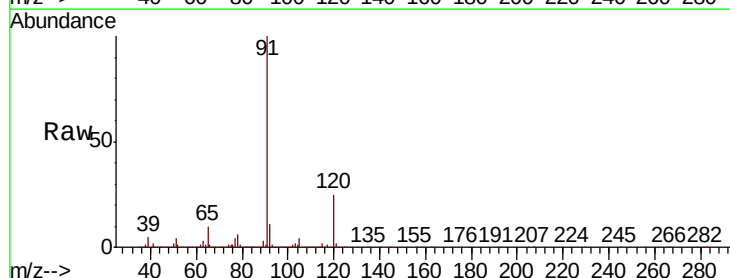
Acq: 08 Jan 2019 13:45

Tgt Ion: 91 Resp: 4466062

Ion Ratio Lower Upper

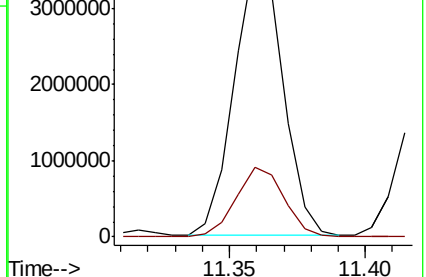
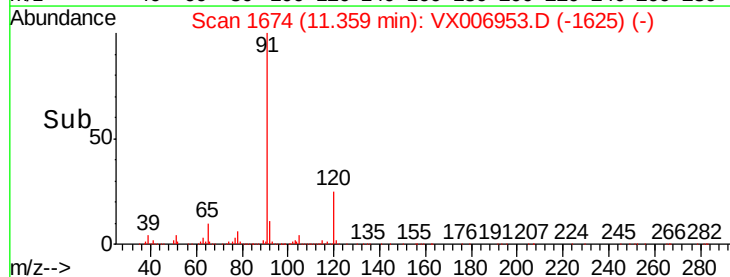
91 100

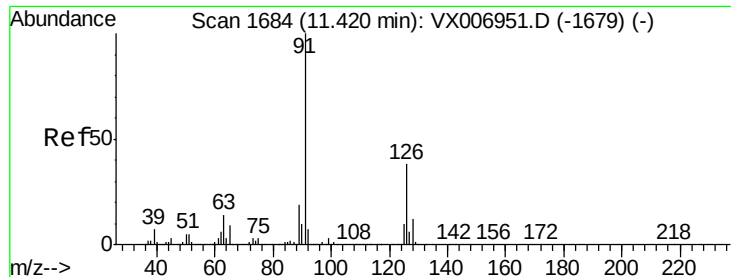
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 136.634 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

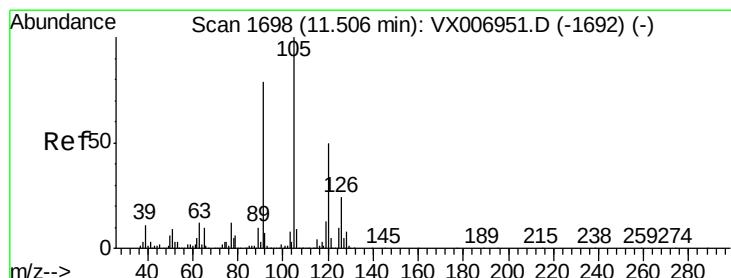
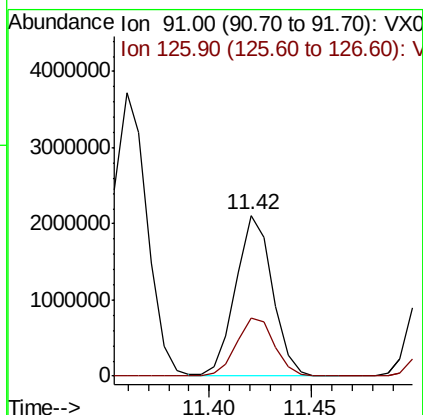
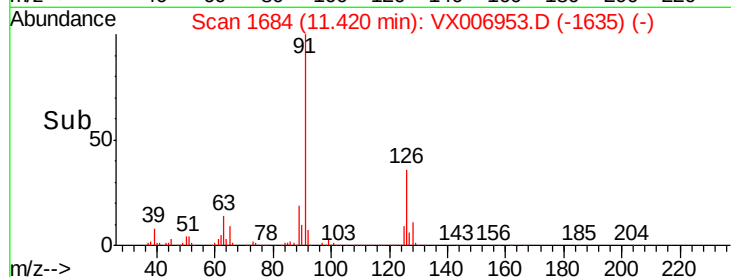
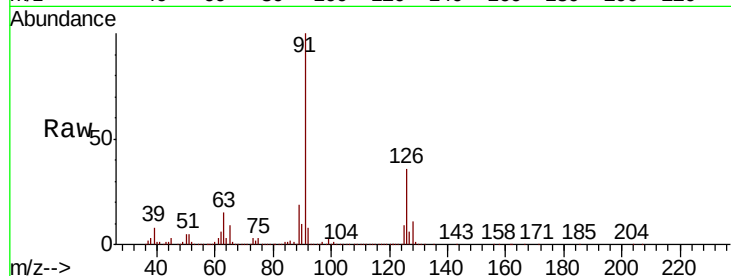
VSTDIC150

Tgt Ion: 91 Resp: 2623144

Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 139.790 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006953.D

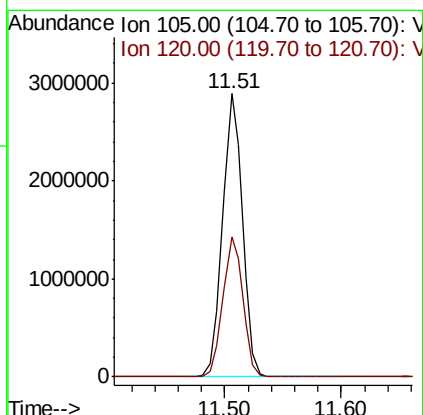
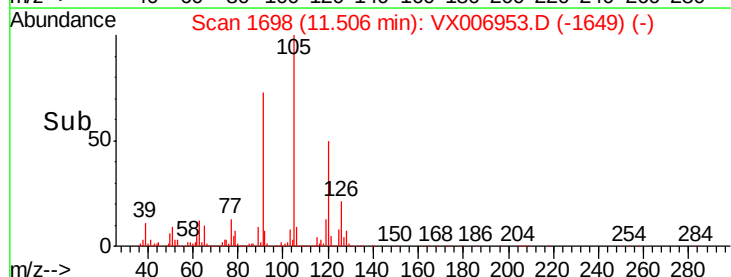
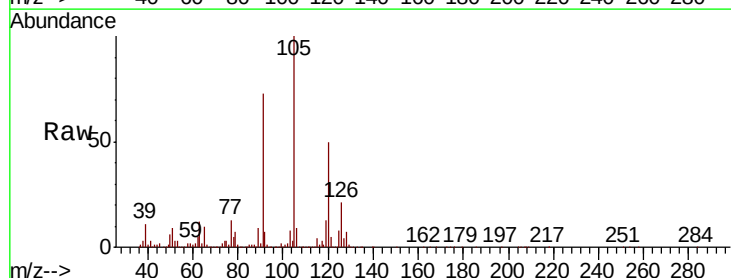
Acq: 08 Jan 2019 13:45

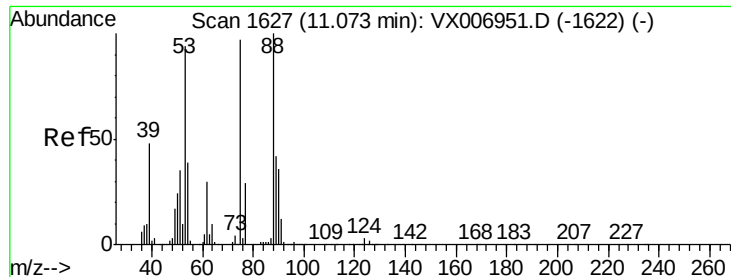
Tgt Ion: 105 Resp: 3393432

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 152.440 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

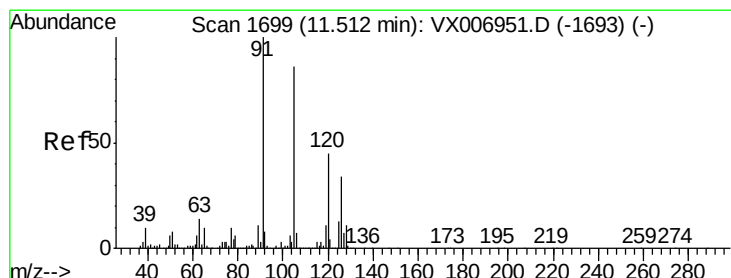
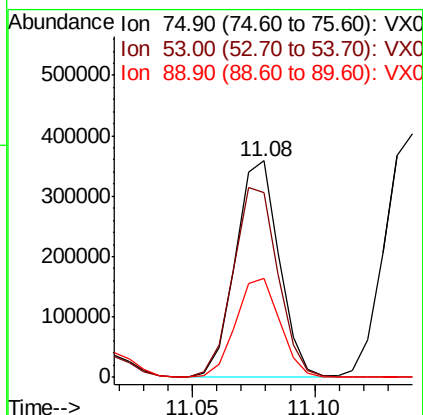
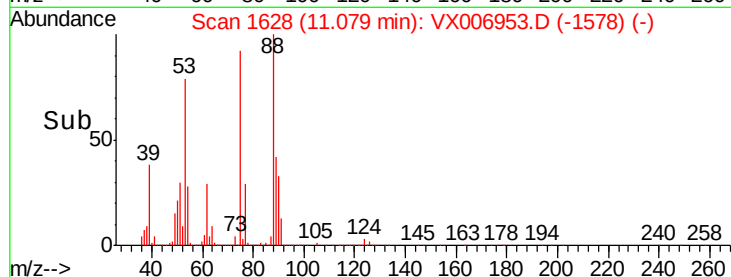
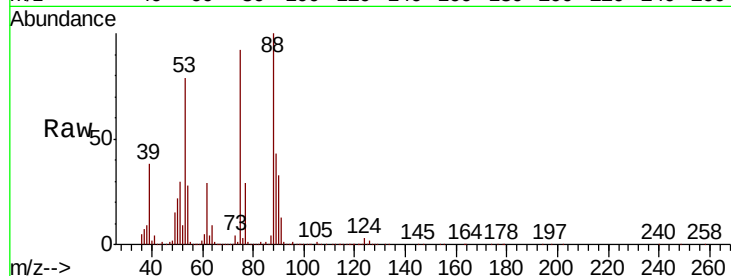
Tgt Ion: 75 Resp: 444931

Ion Ratio Lower Upper

75 100

53 90.2 79.7 119.5

89 46.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 144.155 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006953.D

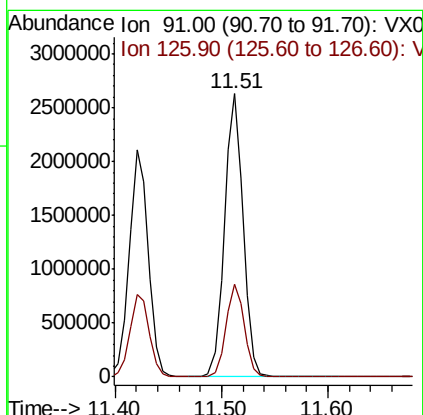
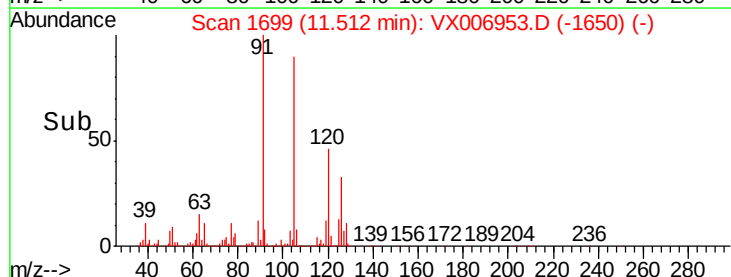
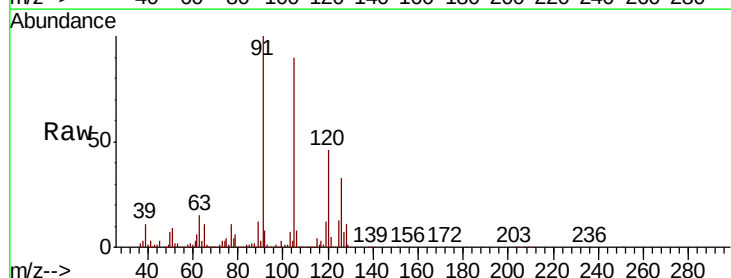
Acq: 08 Jan 2019 13:45

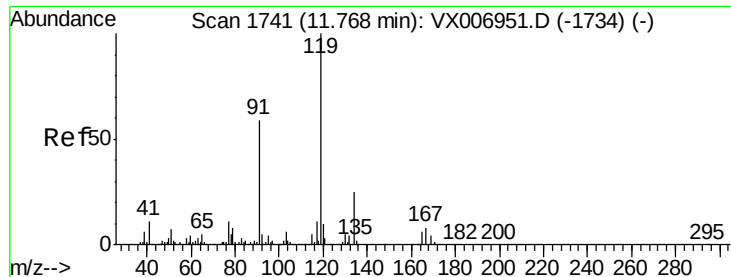
Tgt Ion: 91 Resp: 3204355

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9

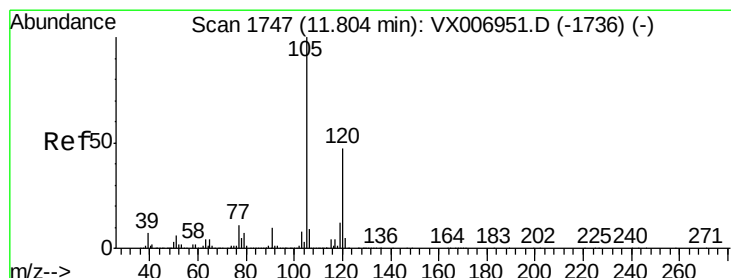
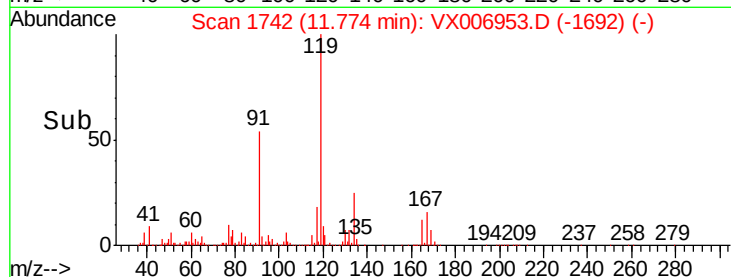
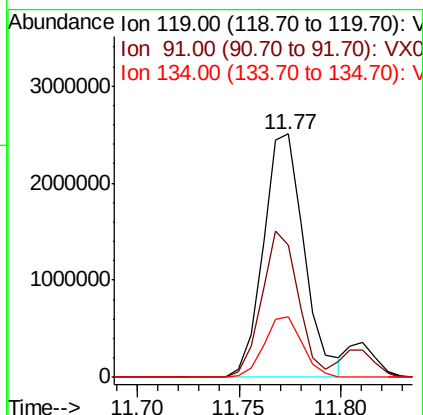
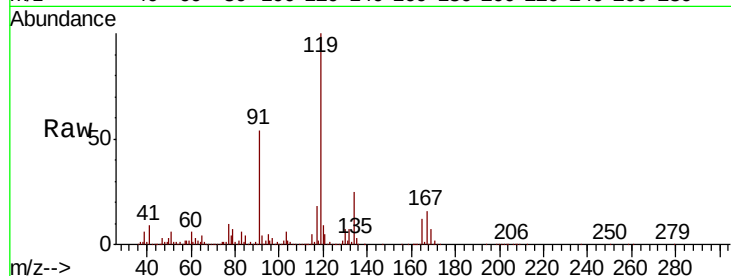




#83
 tert-Butylbenzene
 Concen: 144.457 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

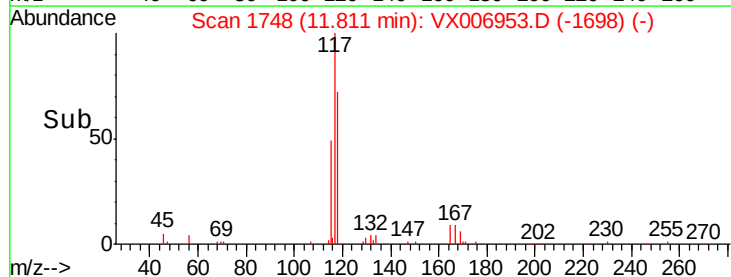
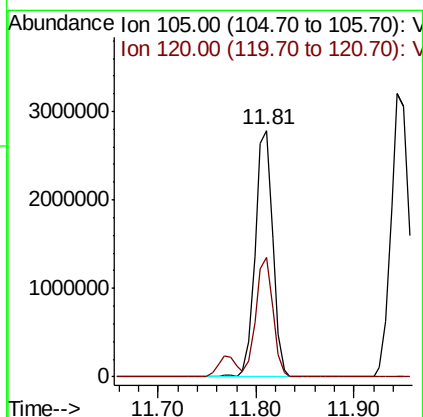
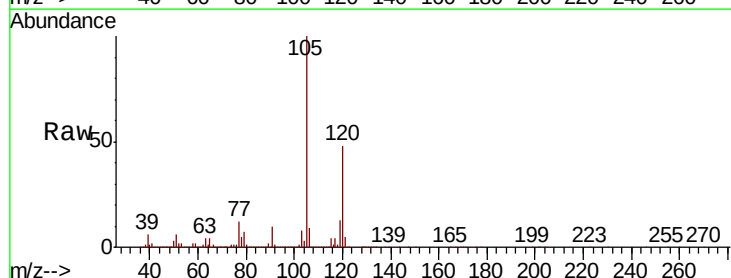
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

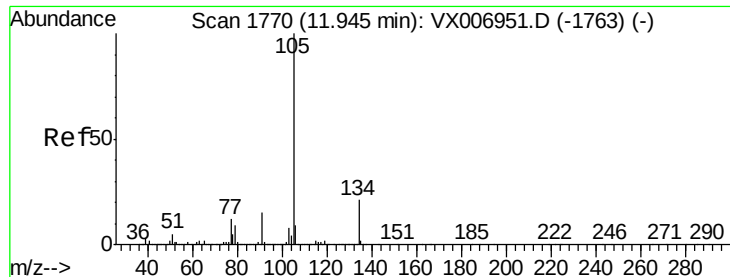
Tgt Ion:119 Resp: 3498757
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.7 83.1
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 141.865 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion:105 Resp: 3463036
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 140.686 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

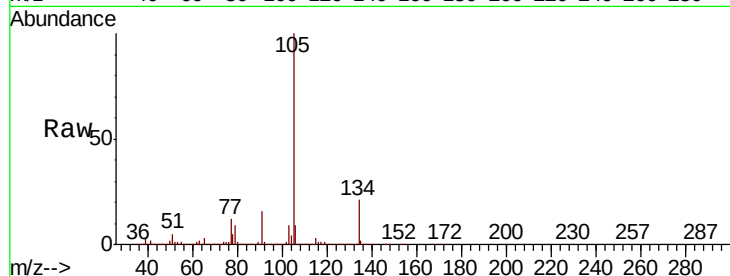
VSTDIC150

Tgt Ion:105 Resp: 4069400

Ion Ratio Lower Upper

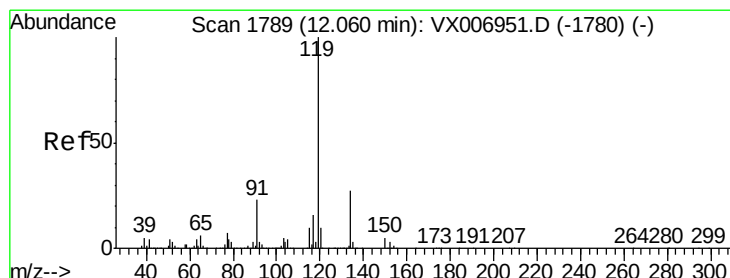
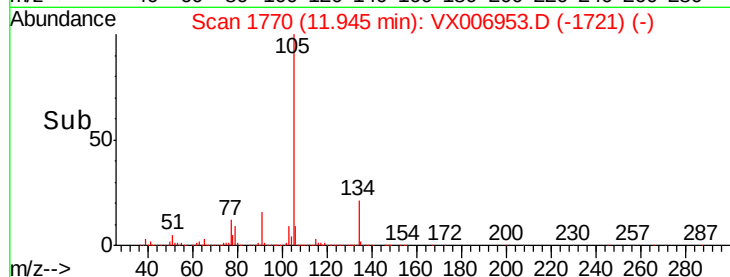
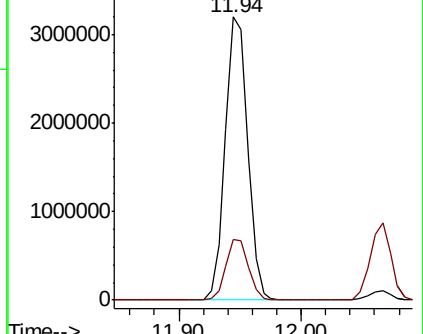
105 100

134 21.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 144.123 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006953.D

Acq: 08 Jan 2019 13:45

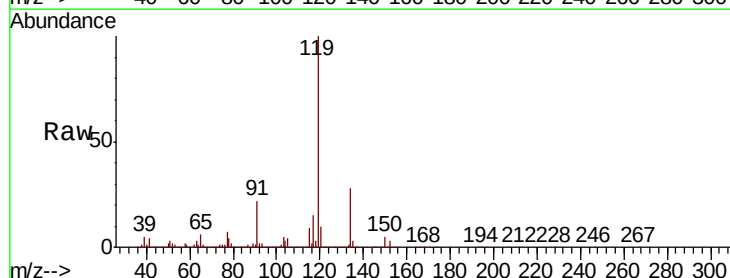
Tgt Ion:119 Resp: 3728879

Ion Ratio Lower Upper

119 100

134 27.6 14.0 41.9

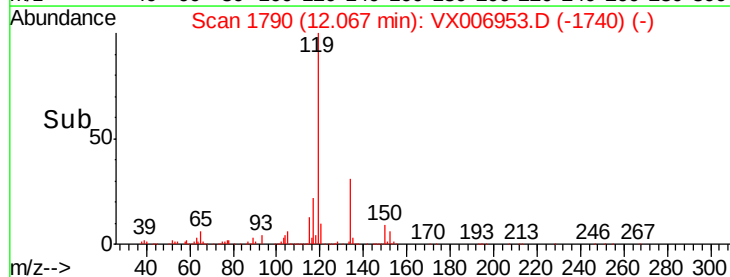
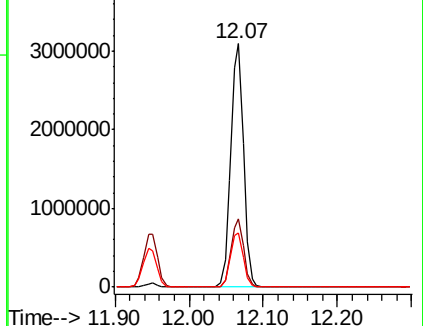
91 22.8 11.3 33.9

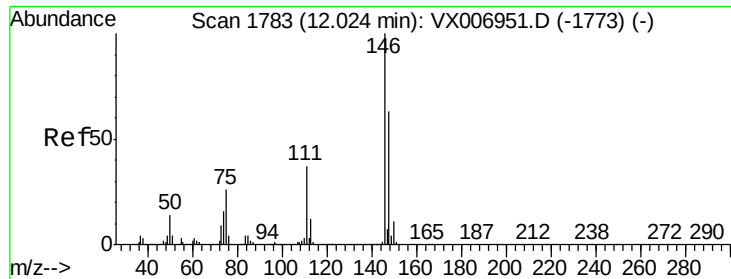


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

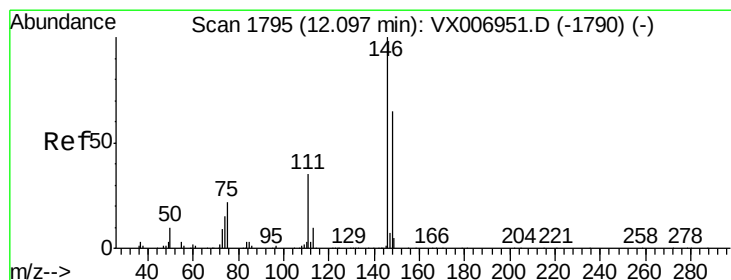
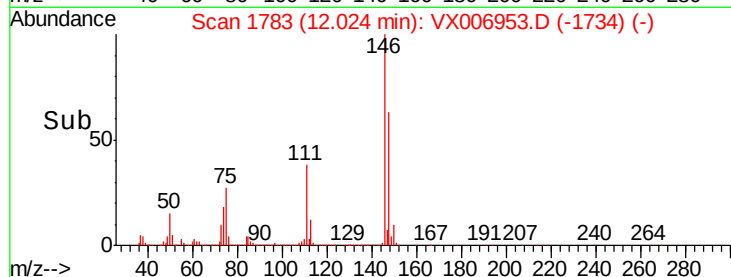
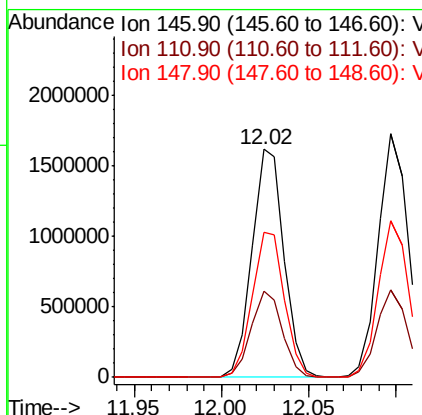
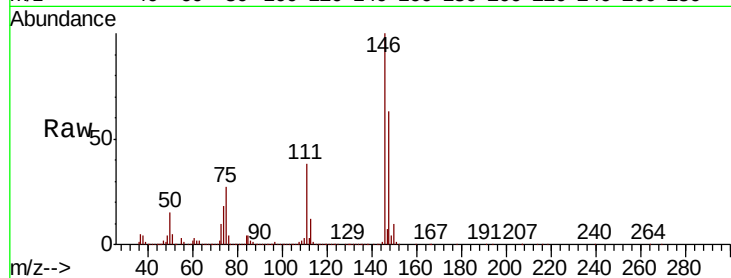




#87
 1,3-Dichlorobenzene
 Concen: 142.210 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

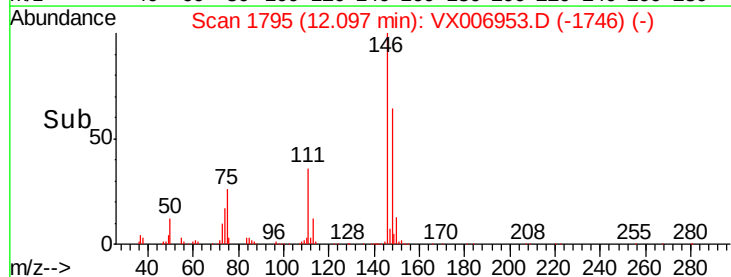
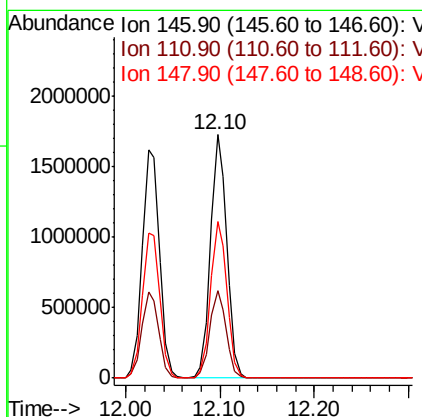
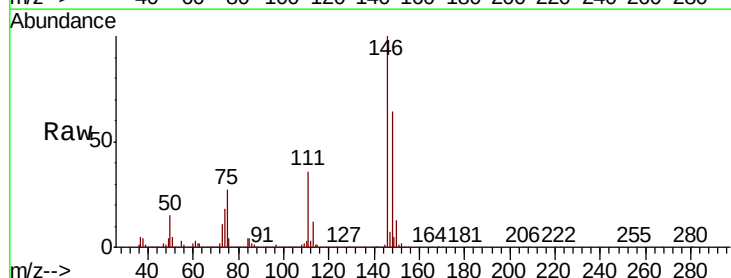
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

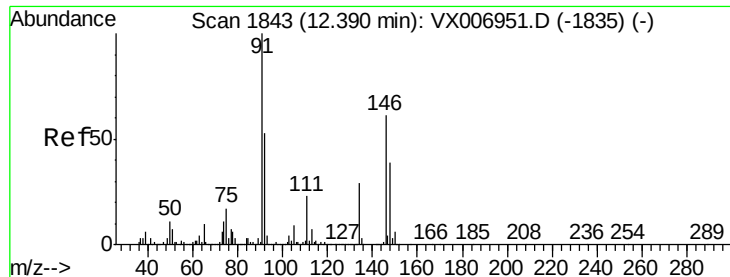
Tgt Ion:146 Resp: 2057610
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 150.749 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion:146 Resp: 2070613
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.1 54.1
 148 64.6 31.9 95.9

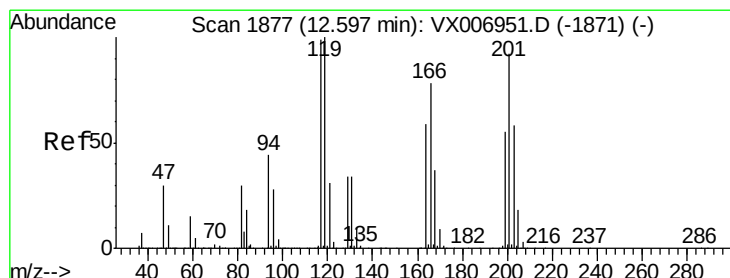
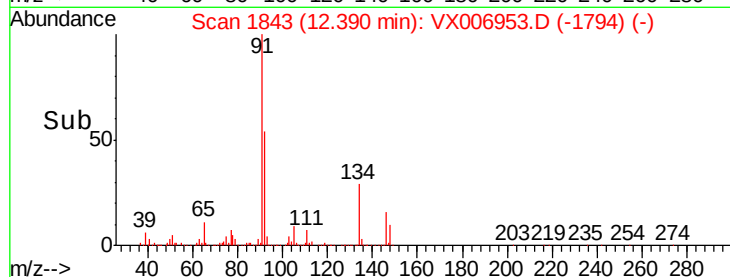
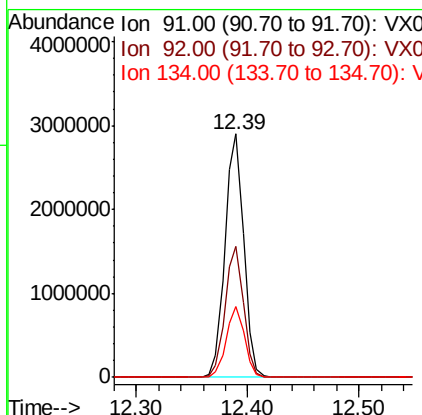
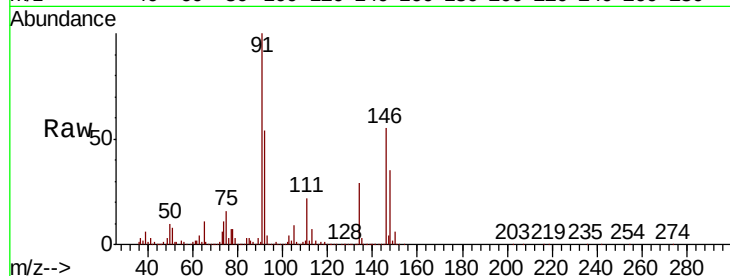




#89
n-Butylbenzene
Concen: 152.547 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

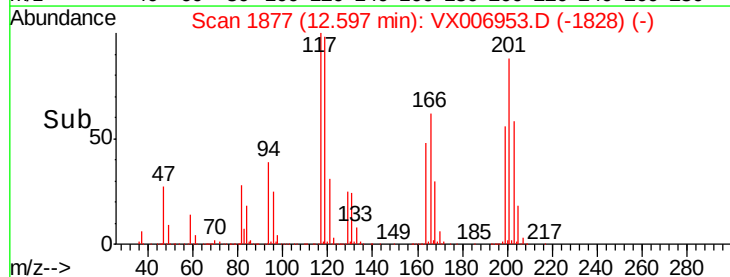
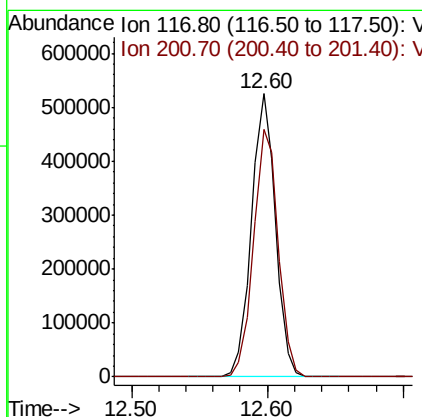
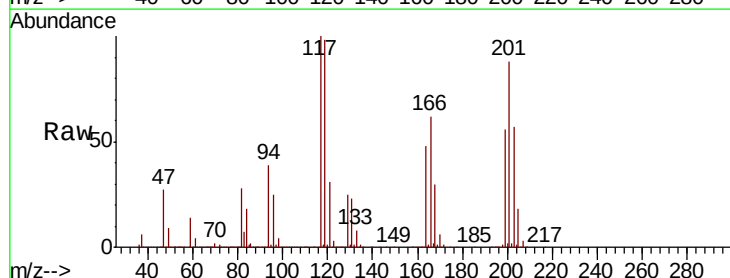
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

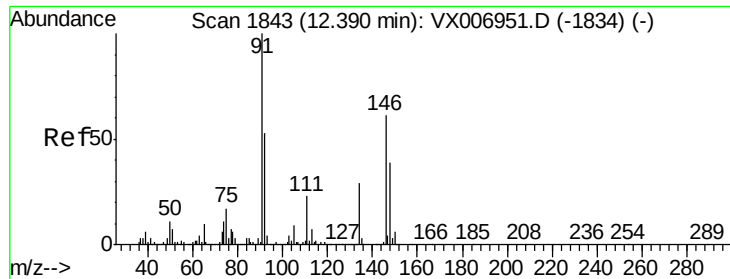
Tgt Ion: 91 Resp: 3364531
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 151.388 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion: 117 Resp: 651161
Ion Ratio Lower Upper
117 100
201 89.7 42.9 128.7

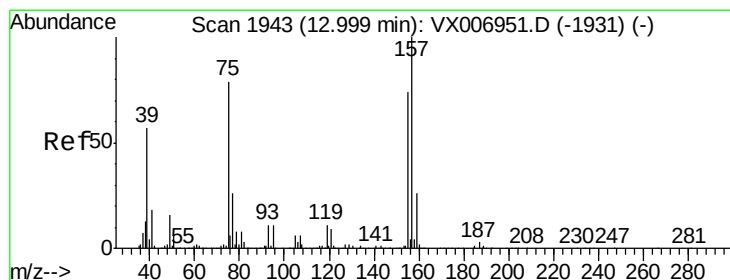
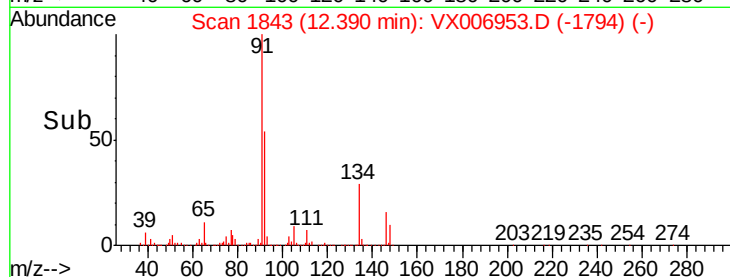
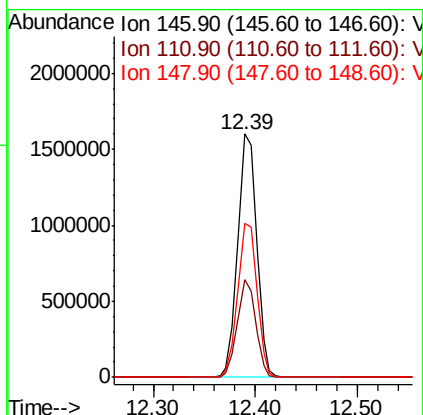
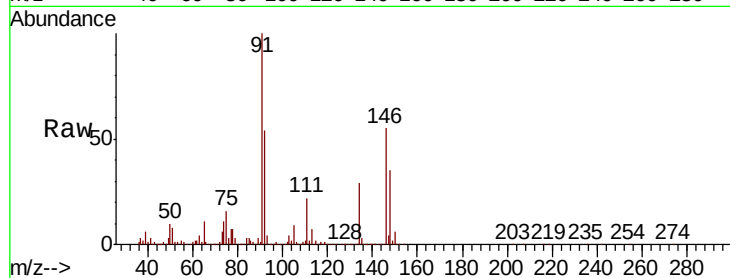




#91
 1,2-Dichlorobenzene
 Concen: 143.695 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

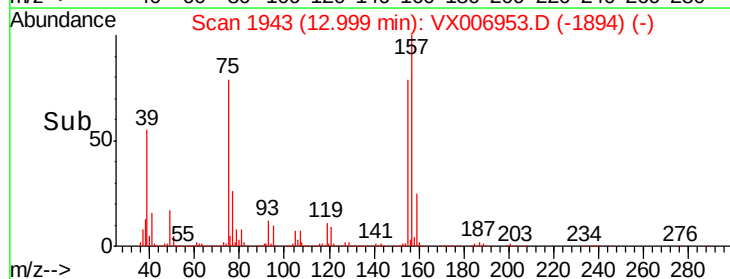
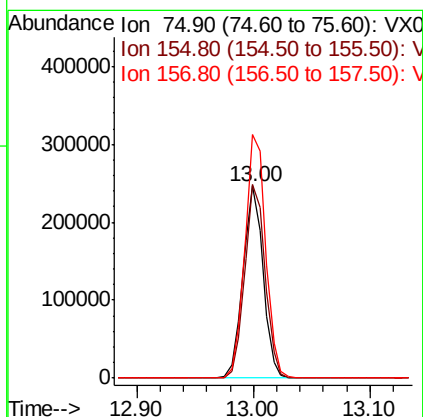
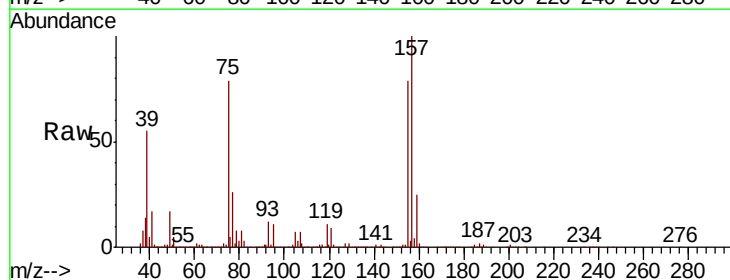
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

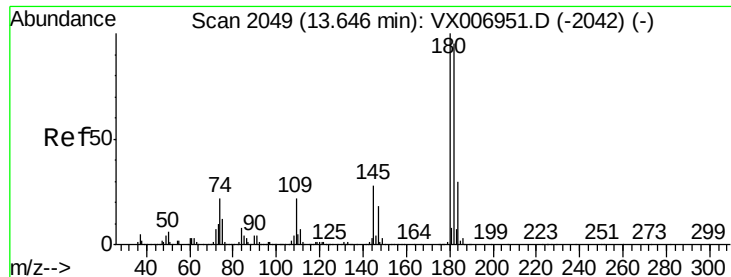
Tgt Ion:146 Resp: 2051757
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 64.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 162.246 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion: 75 Resp: 295952
 Ion Ratio Lower Upper
 75 100
 155 103.4 50.6 151.8
 157 132.0 64.6 193.8

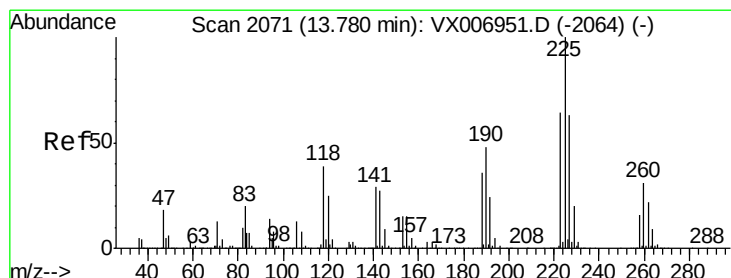
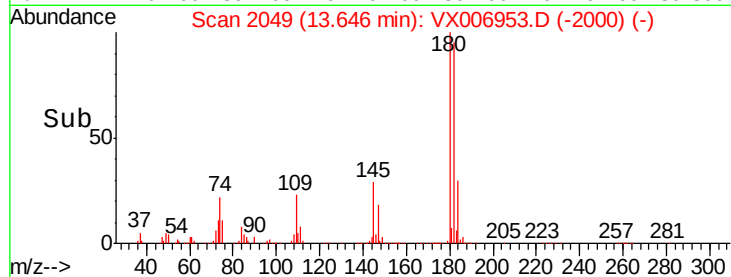
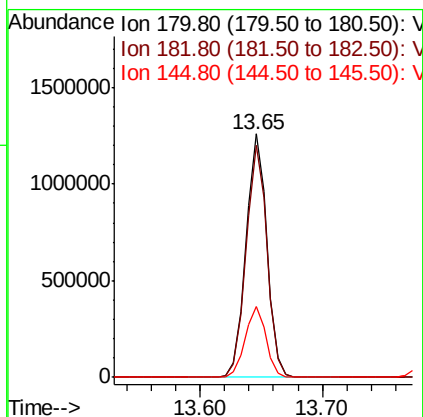
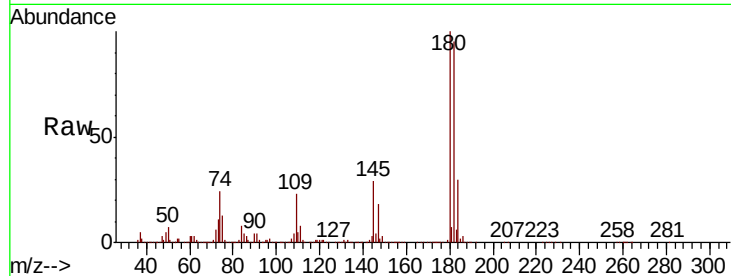




#93
 1,2,4-Trichlorobenzene
 Concen: 152.033 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

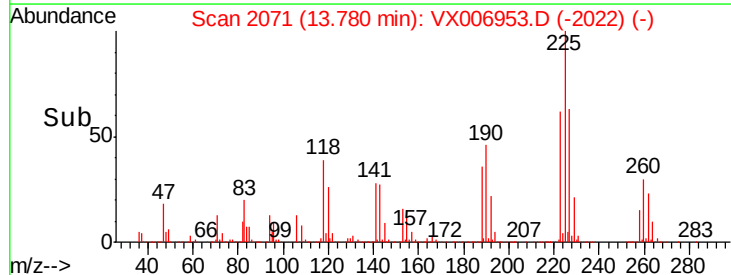
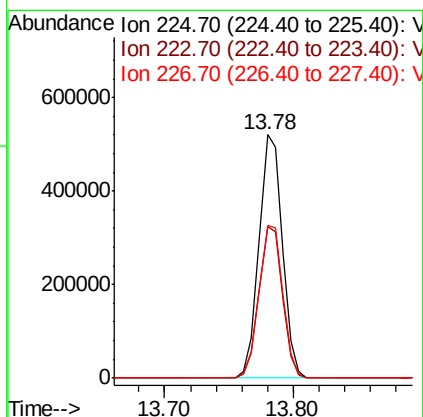
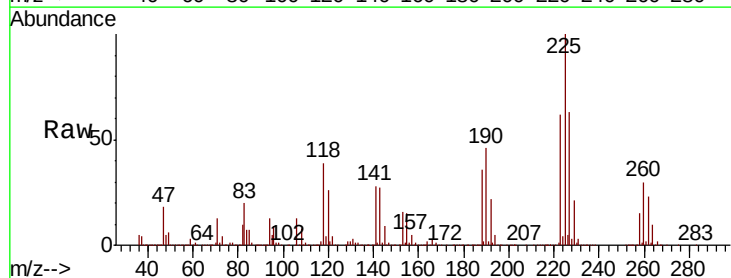
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

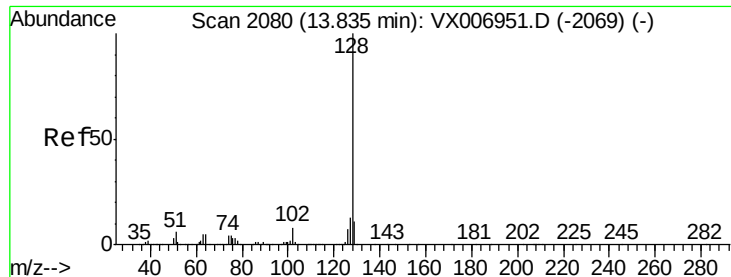
Tgt Ion:180 Resp: 1489338
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 28.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 148.271 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006953.D
 Acq: 08 Jan 2019 13:45

Tgt Ion:225 Resp: 644560
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.1 96.3
 227 64.0 32.3 96.8

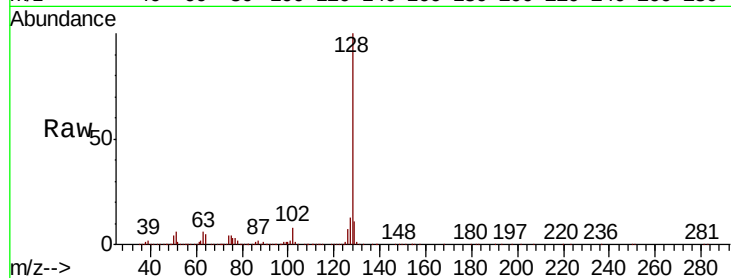




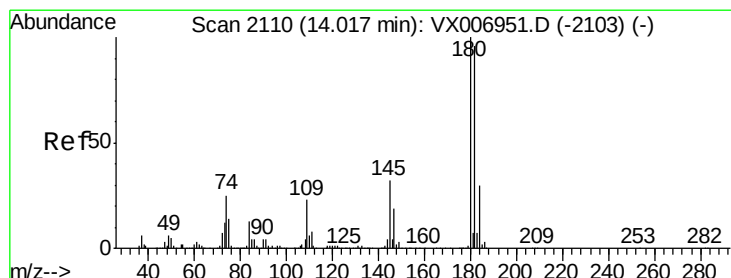
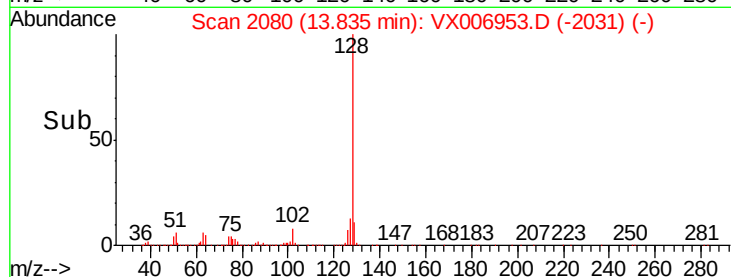
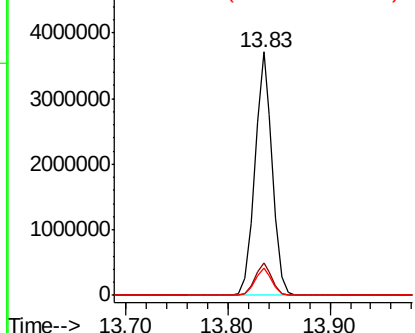
#95
Naphthalene
Concen: 148.247 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 4400634
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.6 13.0

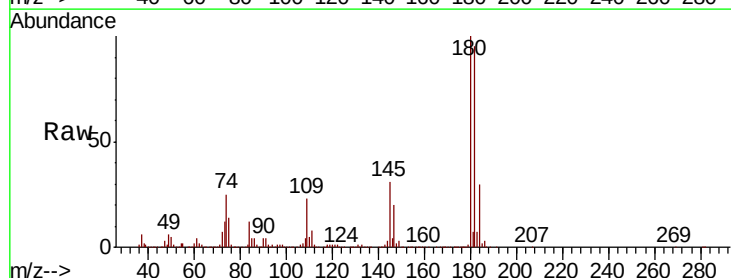


Abundance Ion 128.00 (127.70 to 128.70): V
5000000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 148.858 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006953.D
Acq: 08 Jan 2019 13:45

Tgt Ion:180 Resp: 1448591
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.5
145 30.5 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V
1500000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

