

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009175.D
 Acq On : 25 Apr 2019 20:13
 Operator : JC/SP
 Sample : K2555-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:44:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129689	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
35) Dibromofluoromethane	5.50	113	95882	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	382304	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	140777	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	104455	50.012	ug/l	100
3) Chloromethane	1.32	50	129642	50.560	ug/l	99
4) Vinyl Chloride	1.40	62	123367	49.433	ug/l	98
5) Bromomethane	1.64	94	75233	48.283	ug/l	100
6) Chloroethane	1.71	64	79534	54.196	ug/l	97
7) Trichlorofluoromethane	1.92	101	142728	48.983	ug/l	97
8) Diethyl Ether	2.19	74	65058	48.822	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88589	47.552	ug/l	98
10) Methyl Iodide	2.51	142	100809	49.535	ug/l	99
11) Tert butyl alcohol	3.06	59	159446	281.087	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91730	47.172	ug/l	96
13) Acrolein	2.29	56	114605	233.828	ug/l	99
14) Allyl chloride	2.73	41	215436	50.781	ug/l	99
15) Acrylonitrile	3.14	53	389823	270.720	ug/l	100
16) Acetone	2.45	43	339480	256.170	ug/l	97
17) Carbon Disulfide	2.57	76	263944	46.286	ug/l	99
18) Methyl Acetate	2.78	43	153234	46.330	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	351700	50.759	ug/l	100
20) Methylene Chloride	2.85	84	109221	48.194	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	97934	47.217	ug/l	97
22) Diisopropyl ether	3.86	45	420845	51.049	ug/l	# 87
23) Vinyl Acetate	3.82	43	1633622	225.431	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206993	50.019	ug/l	99
25) 2-Butanone	4.68	43	576464	272.139	ug/l	100
26) 2,2-Dichloropropane	4.58	77	118119	38.078	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	113756	48.306	ug/l	99
28) Bromochloromethane	5.02	49	87153	50.732	ug/l	100
29) Tetrahydrofuran	5.13	42	386226	272.413	ug/l	99
30) Chloroform	5.21	83	187585	50.656	ug/l	100
31) Cyclohexane	5.58	56	196969	48.393	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154100	50.209	ug/l	100
36) 1,1-Dichloropropene	5.80	75	143065	45.870	ug/l	99
37) Ethyl Acetate	4.84	43	187044	46.605	ug/l	99
38) Carbon Tetrachloride	5.79	117	128299	48.522	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172205	45.348	ug/l	99
40) Benzene	6.14	78	441984	48.036	ug/l	99
41) Methacrylonitrile	5.04	41	119941	52.072	ug/l	99
42) 1,2-Dichloroethane	6.20	62	159451	48.921	ug/l	99
43) Isopropyl Acetate	6.45	43	307012	47.470	ug/l	100
44) Trichloroethene	7.21	130	102139	45.306	ug/l	99
45) 1,2-Dichloropropane	7.51	63	126407	49.521	ug/l	100
46) Dibromomethane	7.66	93	71683	48.253	ug/l	100
47) Bromodichloromethane	7.90	83	143871	49.377	ug/l	99
48) Methyl methacrylate	7.77	41	168111	52.606	ug/l	99
49) 1,4-Dioxane	7.74	88	60319	1008.456	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1127000	273.523	ug/l	99
52) Toluene	8.79	92	268128	48.623	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	162889	48.576	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	178627	47.573	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108932	49.843	ug/l	97
56) Ethyl methacrylate	9.18	69	203631	51.963	ug/l	99
57) 1,3-Dichloropropane	9.37	76	192597	49.495	ug/l	99
59) 2-Hexanone	9.49	43	893752	281.348	ug/l	99
60) Dibromochloromethane	9.58	129	107198	51.178	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111827	49.577	ug/l	99
64) Tetrachloroethene	9.34	164	88722	42.403	ug/l	99
65) Chlorobenzene	10.14	112	275680	47.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	99372	48.522	ug/l	100
67) Ethyl Benzene	10.25	91	507240	47.731	ug/l	98
68) m/p-Xylenes	10.36	106	372245	96.382	ug/l	99
69) o-Xylene	10.70	106	183587	48.853	ug/l	99
70) Stvrene	10.71	104	320426	49.204	ug/l	99
71) Bromoform	10.85	173	83028	50.888	ug/l #	99
73) Isopropylbenzene	11.02	105	484820	48.113	ug/l	100
74) N-amyl acetate	10.90	43	263592	45.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186472	50.647	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	213361	65.728	ug/l	81
77) Bromobenzene	11.26	156	120083	47.232	ug/l	99
78) n-propylbenzene	11.36	91	560035	48.422	ug/l	100
79) 2-Chlorotoluene	11.42	91	334548	48.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	409479	48.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58473	46.245	ug/l	96
82) 4-Chlorotoluene	11.51	91	383706	47.405	ug/l	100
83) tert-Butylbenzene	11.77	119	404015	49.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	411607	47.820	ug/l	100
85) sec-Butylbenzene	11.94	105	466174	48.146	ug/l	100
86) p-Isopropyltoluene	12.06	119	421357	47.333	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208841	46.933	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	209036	46.341	ug/l	100
89) n-Butylbenzene	12.38	91	377718	45.561	ug/l	99
90) Hexachloroethane	12.60	117	72112	49.109	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	214764	48.876	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44091	52.597	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	148254	46.740	ug/l	100

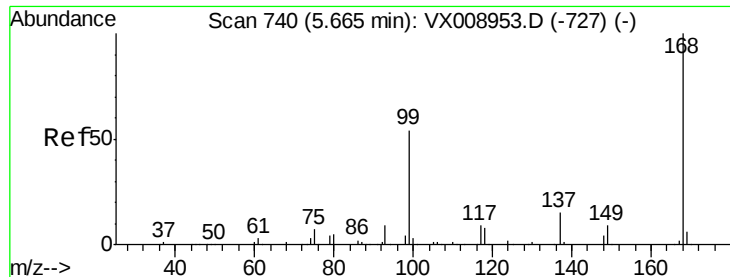
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	72649	45.923	ug/l	99
95) Naphthalene	13.83	128	511143	50.299	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150016	47.934	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: VX009175.D

Acq: 25 Apr 2019 20:13

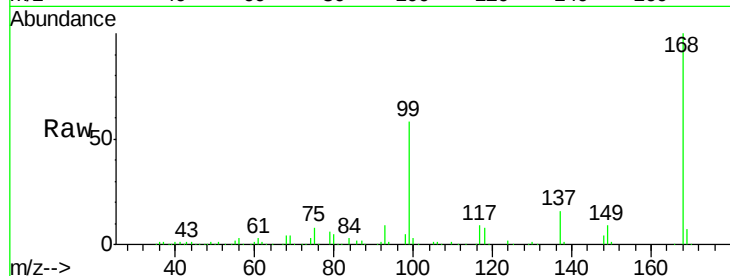
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 181332

Ion Ratio Lower Upper

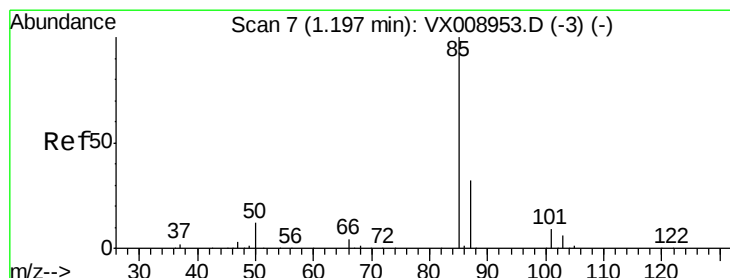
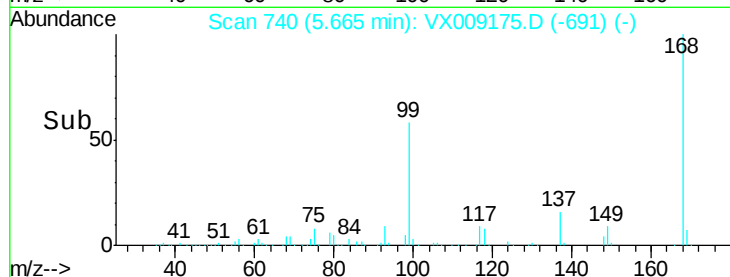
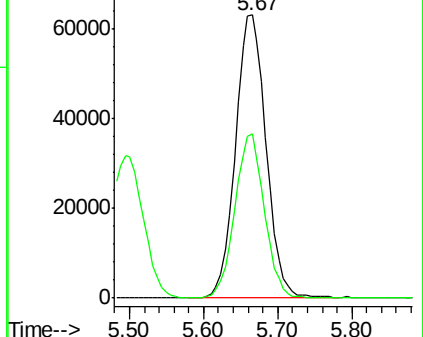
168 100

99 57.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.012 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009175.D

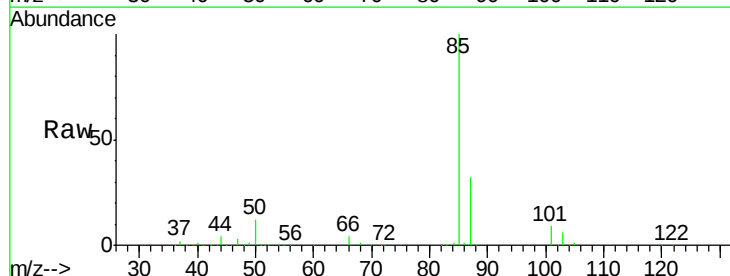
Acq: 25 Apr 2019 20:13

Tgt Ion: 85 Resp: 104455

Ion Ratio Lower Upper

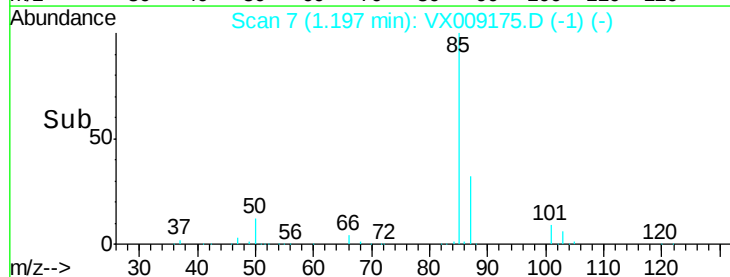
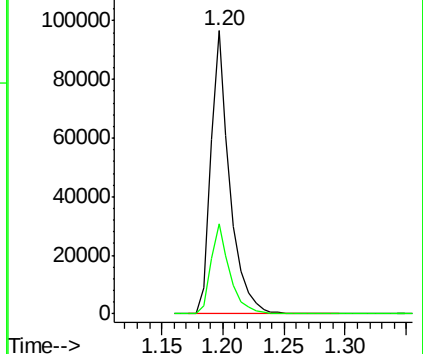
85 100

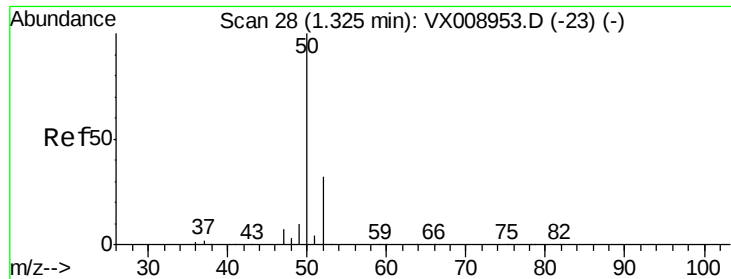
87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.560 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

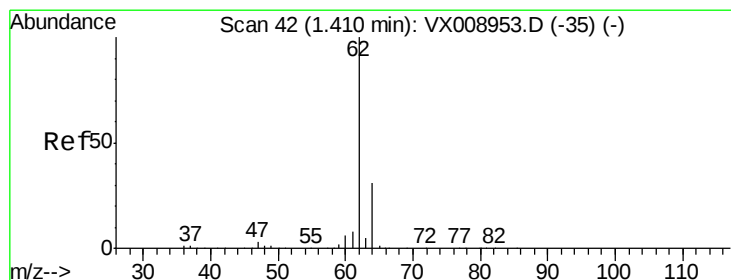
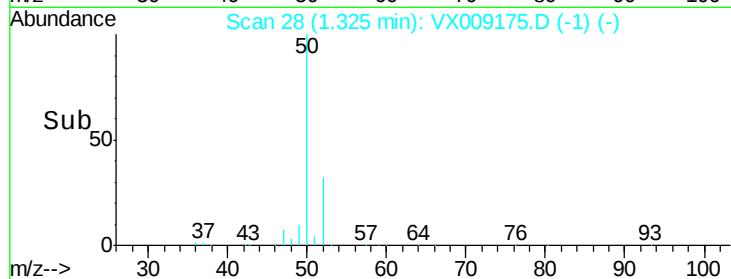
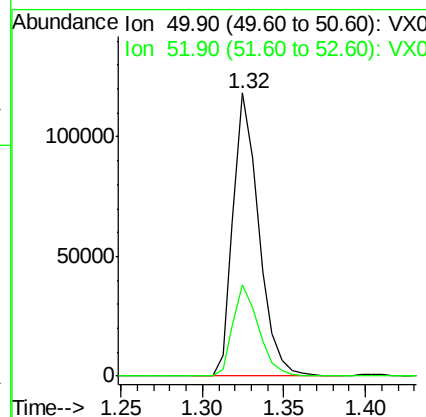
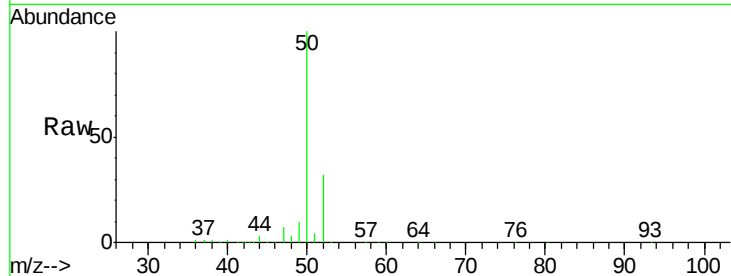
ClientSampleId :

Tot Ion: 50 Resp: 129642

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



#4

Vinyl Chloride

Concen: 49.433 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009175.D

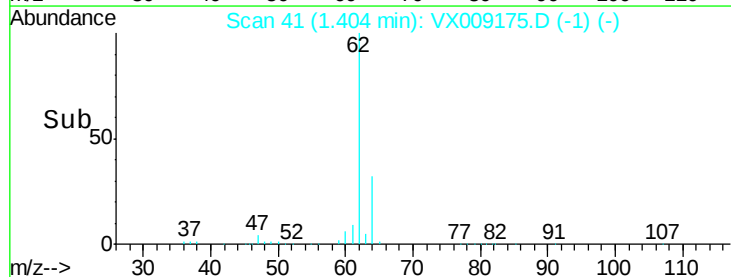
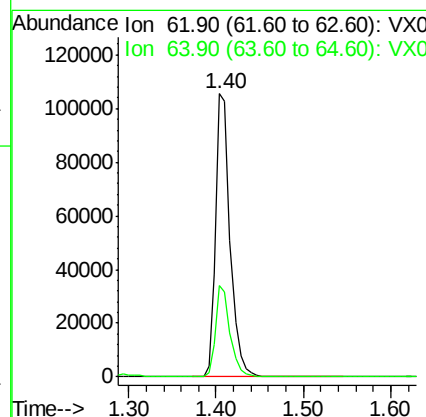
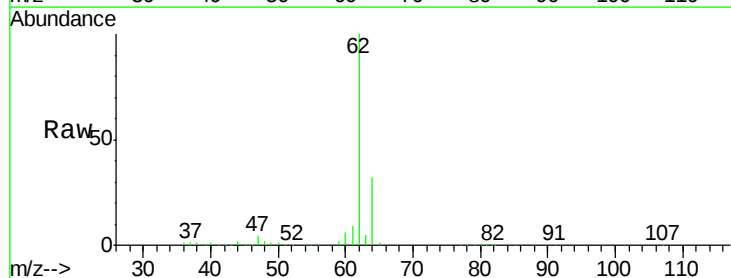
Acq: 25 Apr 2019 20:13

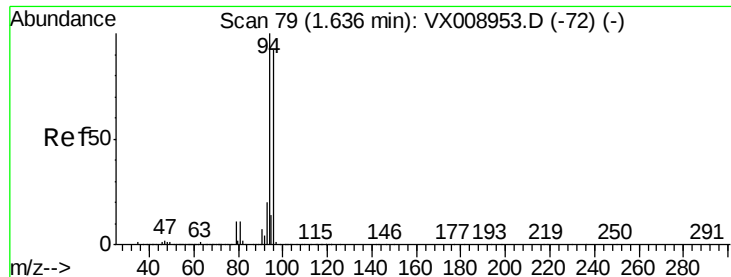
Tgt Ion: 62 Resp: 123367

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 48.283 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

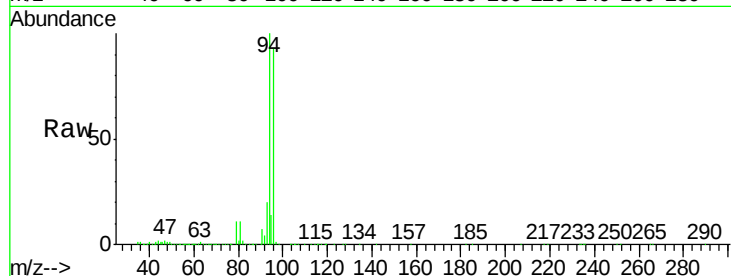
ClientSampleId :

Tot Ion: 94 Resp: 75233

Ion Ratio Lower Upper

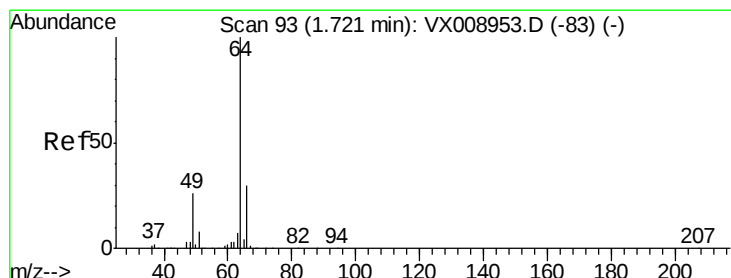
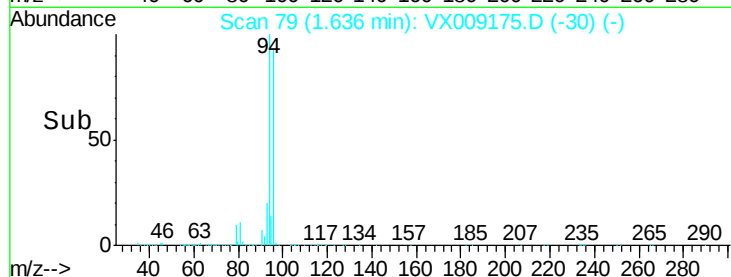
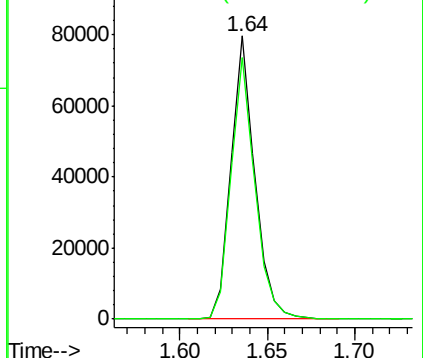
94 100

96 92.6 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.196 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009175.D

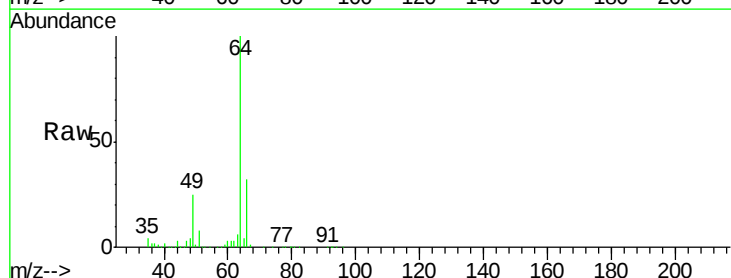
Acq: 25 Apr 2019 20:13

Tgt Ion: 64 Resp: 79534

Ion Ratio Lower Upper

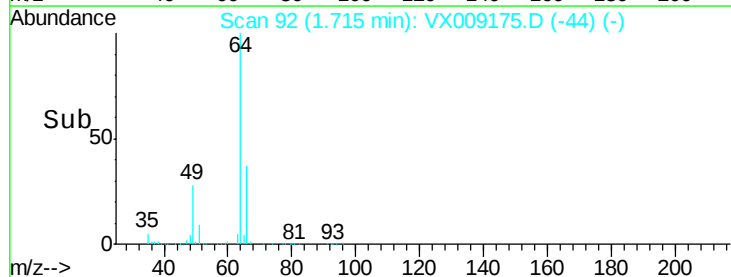
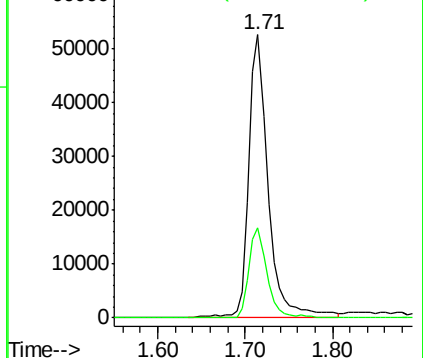
64 100

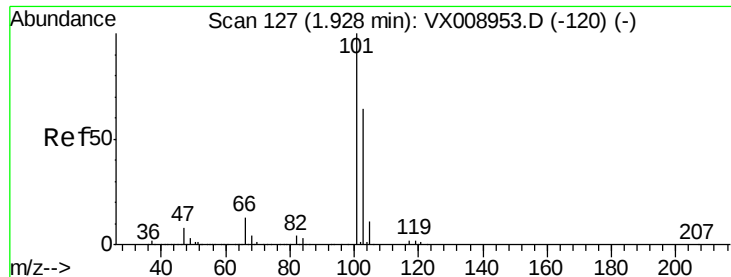
66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



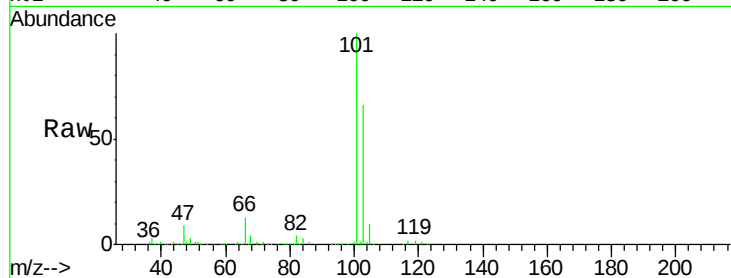


#7

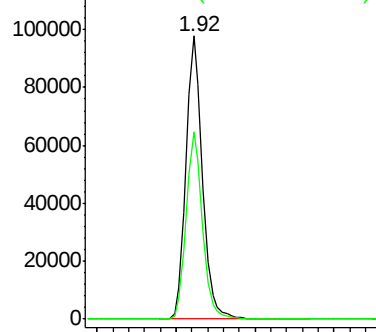
Trichlorofluoromethane
Concen: 48.983 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampled :

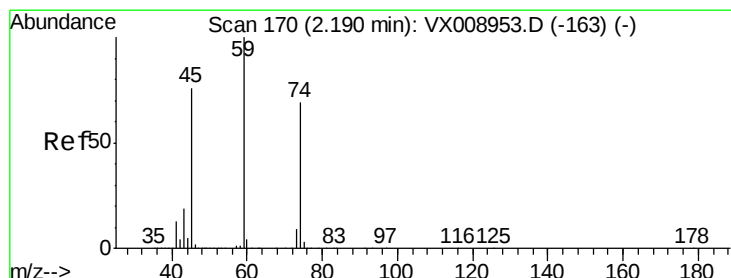
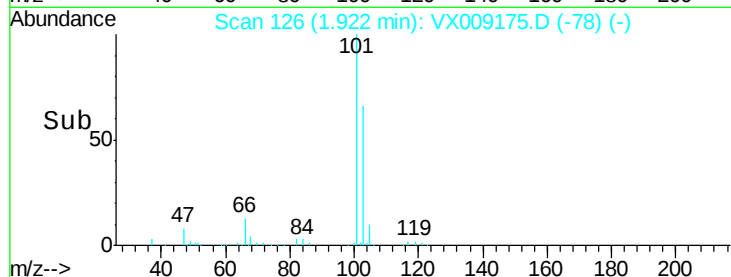
Tot Ion:101 Resp: 142728
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.6



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



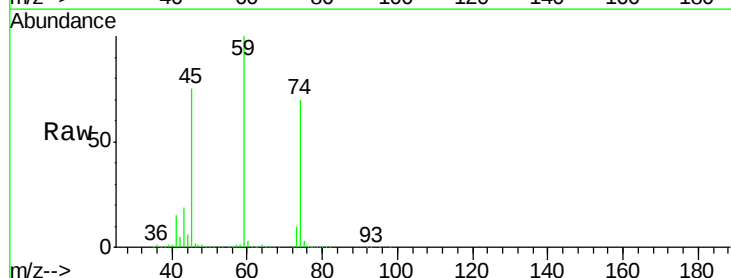
Time--> 1.80 1.90 2.00 2.10



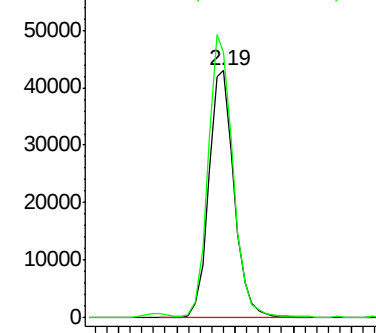
#8

Diethyl Ether
Concen: 48.822 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

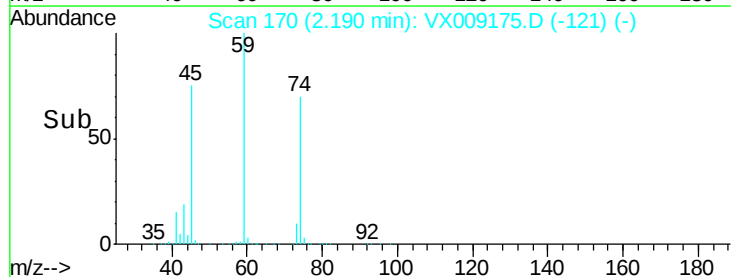
Tgt Ion: 74 Resp: 65058
Ion Ratio Lower Upper
74 100
45 111.2 54.9 164.8

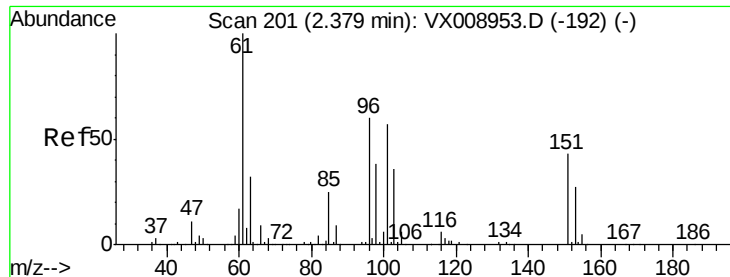


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.552 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

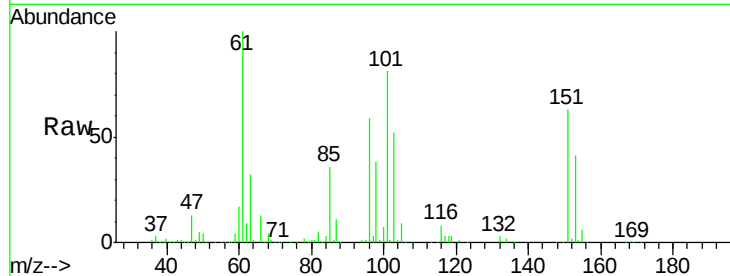
Tot Ion:101 Resp: 88589

Ion Ratio Lower Upper

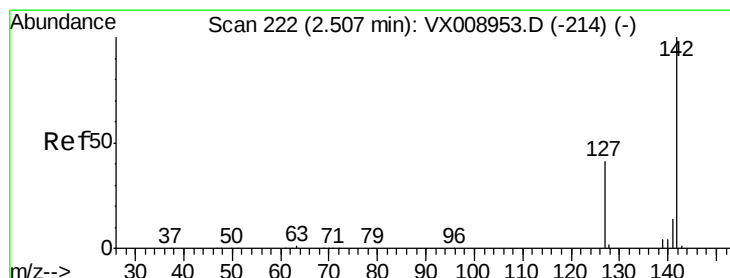
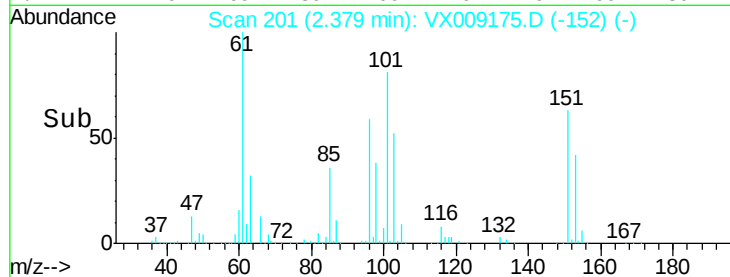
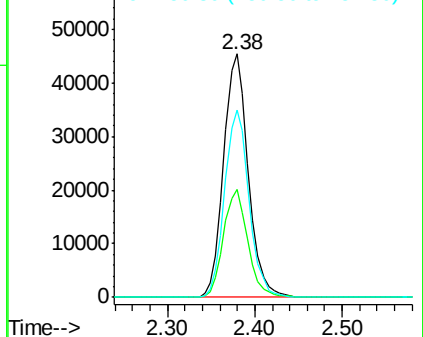
101 100

85 43.9 35.7 53.5

151 76.6 62.7 94.1



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: 49.535 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

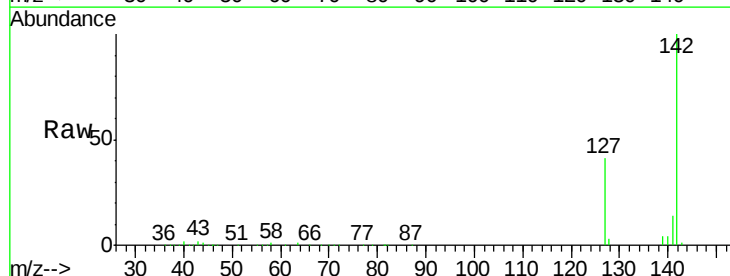
Tgt Ion:142 Resp: 100809

Ion Ratio Lower Upper

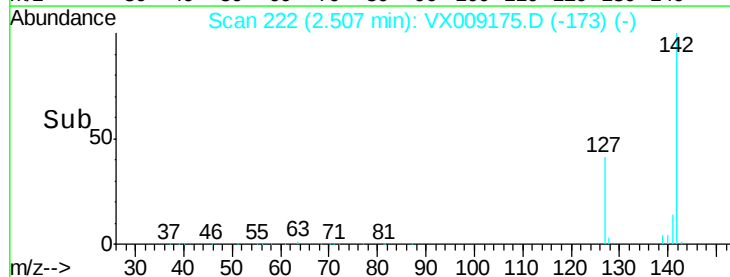
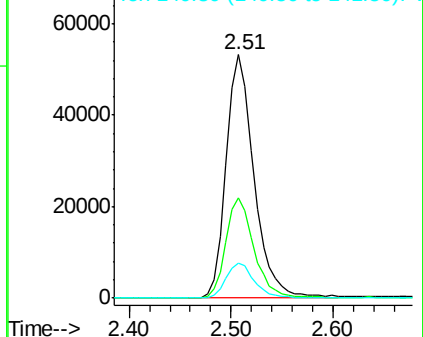
142 100

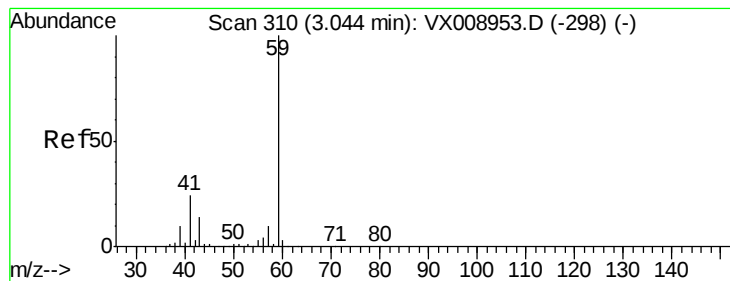
127 41.8 32.8 49.2

141 14.5 11.4 17.2



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



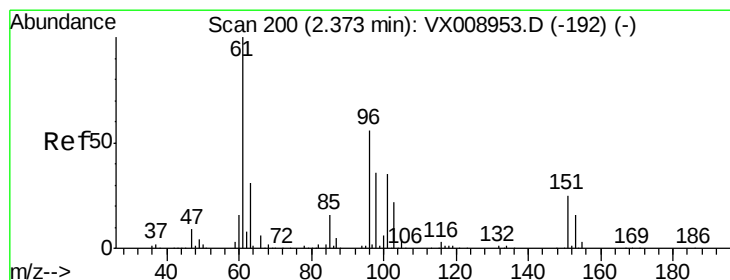
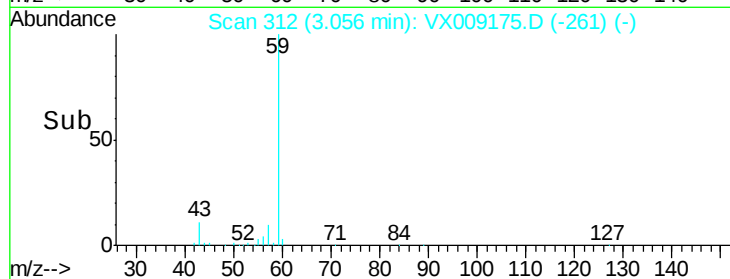
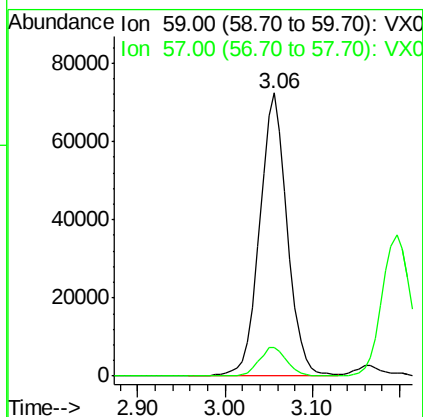
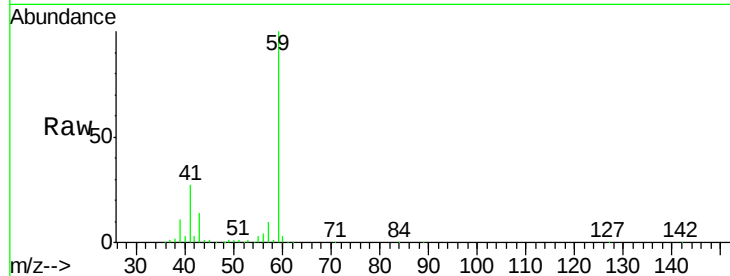


#11

Tert butyl alcohol
 Concen: 281.087 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Instrument :
 MSVOA_X
 ClientSampled :

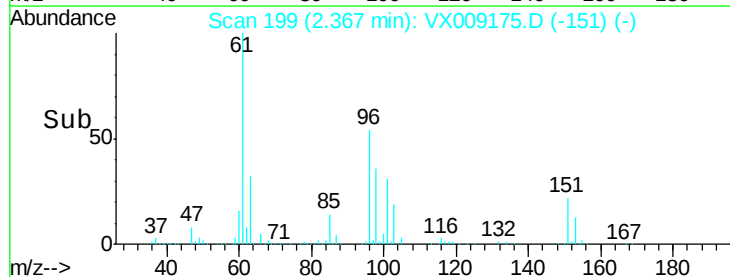
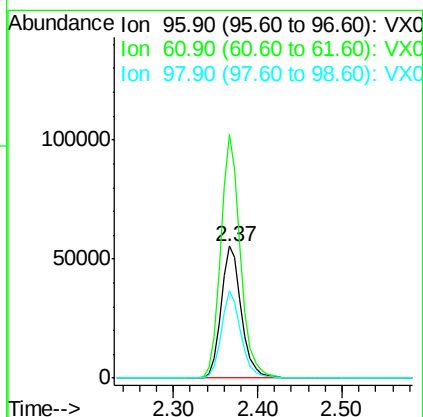
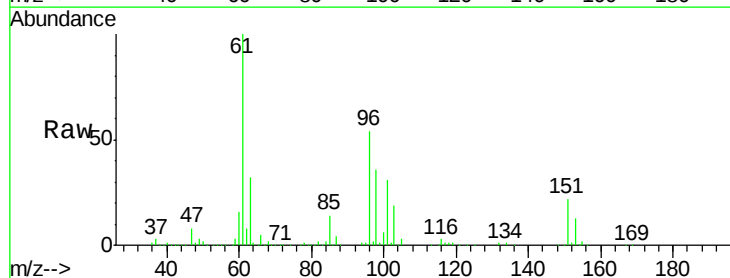
Tot Ion: 59 Resp: 159446
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

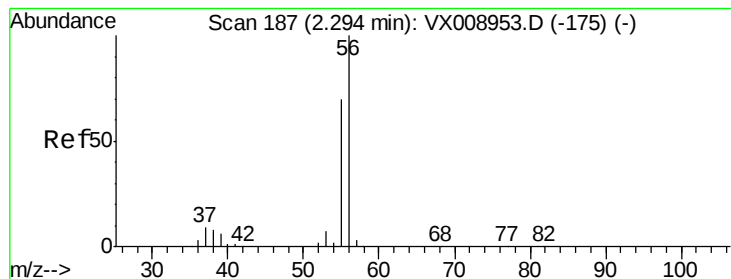


#12

1,1-Dichloroethene
 Concen: 47.172 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion: 96 Resp: 91730
 Ion Ratio Lower Upper
 96 100
 61 184.5 142.2 213.2
 98 66.0 50.9 76.3





#13

Acrolein

Concen: 233.828 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

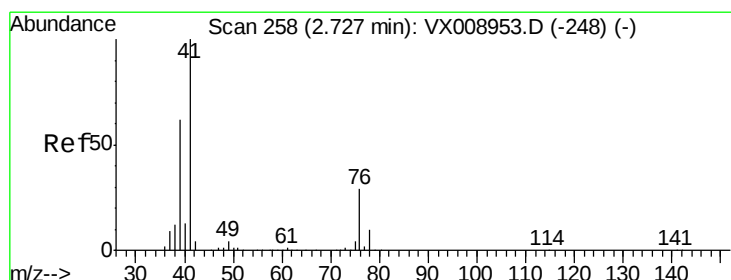
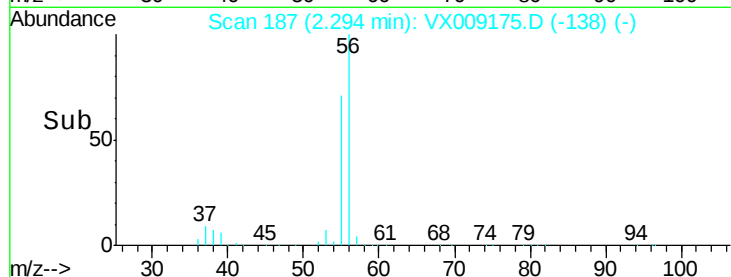
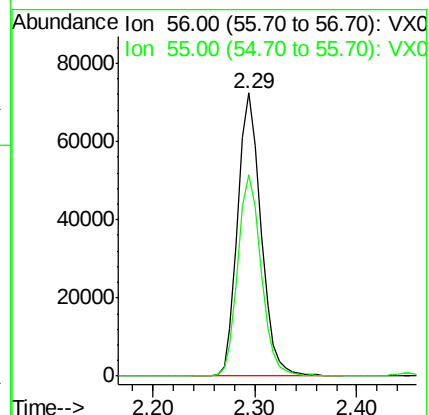
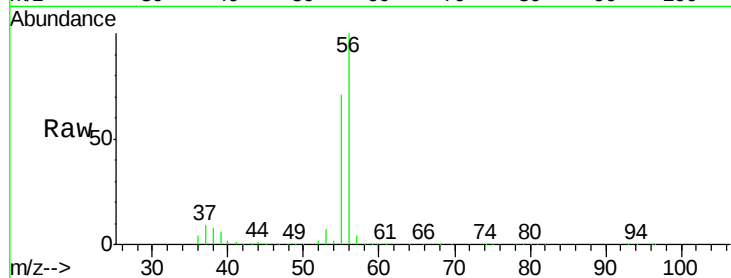
ClientSampled :

Tot Ion: 56 Resp: 114605

Ion Ratio Lower Upper

56 100

55 71.3 56.6 84.8



#14

Allyl chloride

Concen: 50.781 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

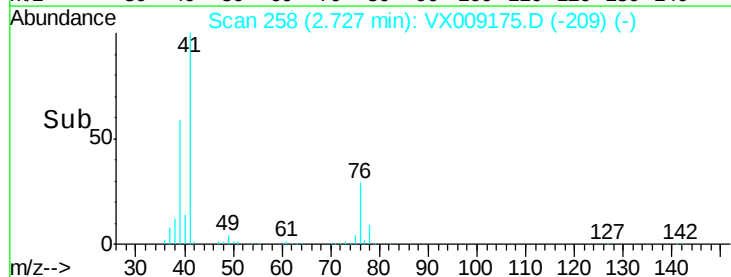
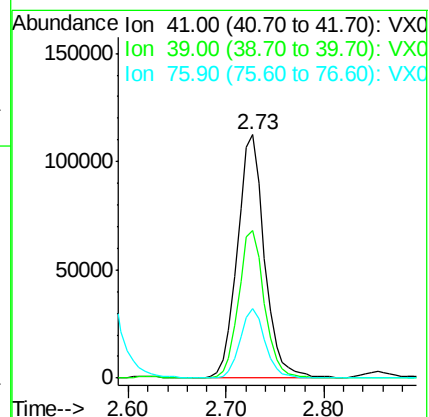
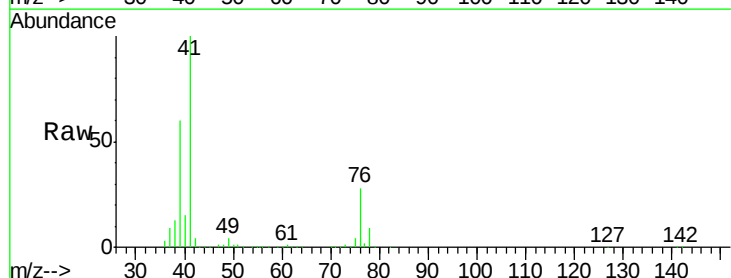
Tgt Ion: 41 Resp: 215436

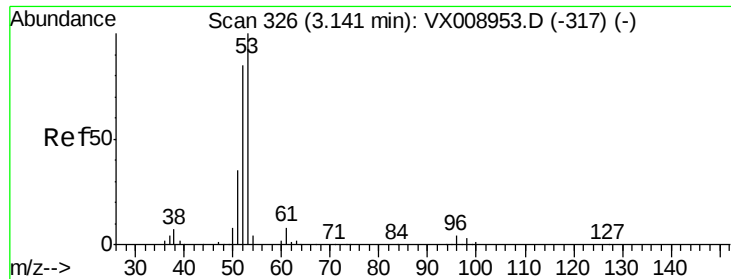
Ion Ratio Lower Upper

41 100

39 58.5 46.7 70.1

76 26.4 22.0 33.0





#15

Acrylonitrile

Concen: 270.720 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

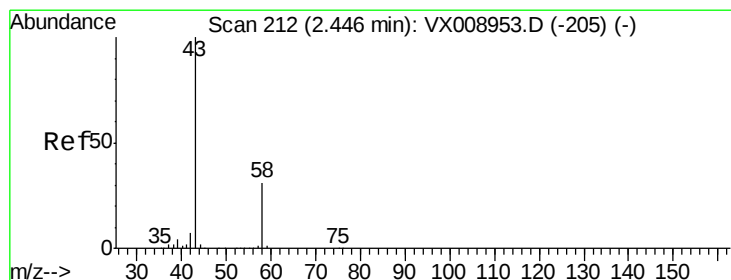
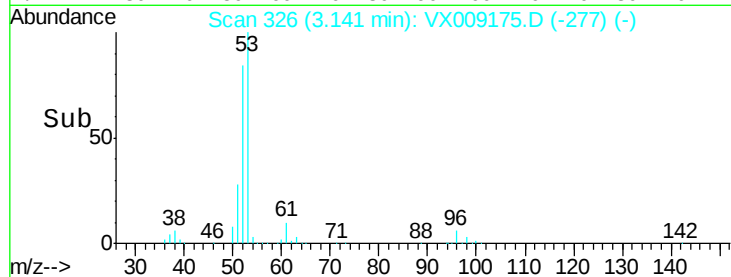
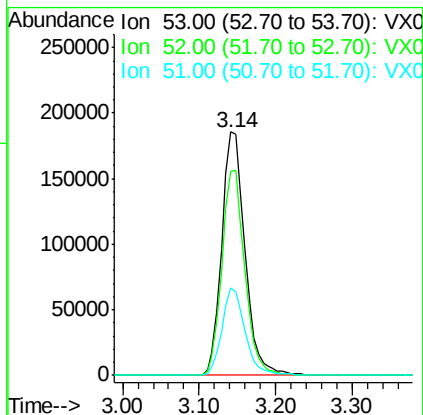
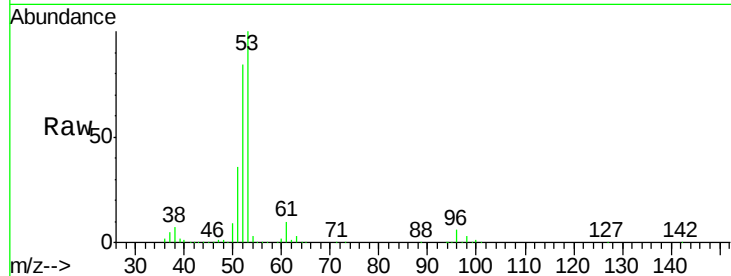
Tot Ion: 53 Resp: 389823

Ion Ratio Lower Upper

53 100

52 83.8 66.6 100.0

51 35.7 28.3 42.5



#16

Acetone

Concen: 256.170 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009175.D

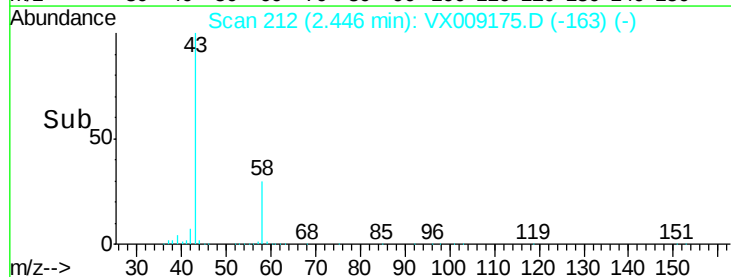
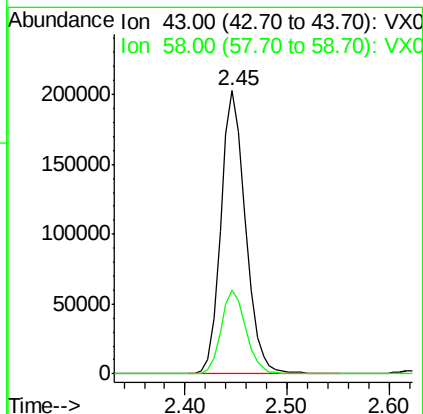
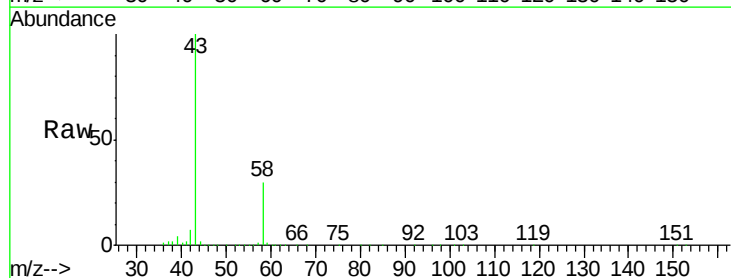
Acq: 25 Apr 2019 20:13

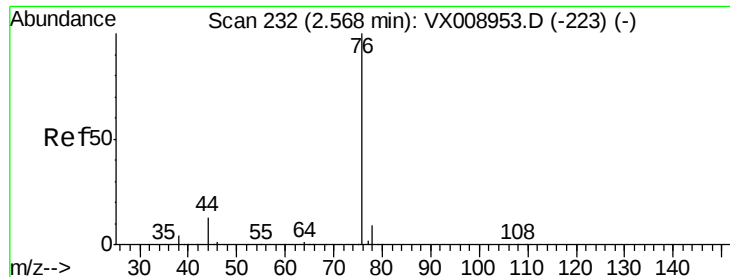
Tgt Ion: 43 Resp: 339480

Ion Ratio Lower Upper

43 100

58 29.6 24.8 37.2

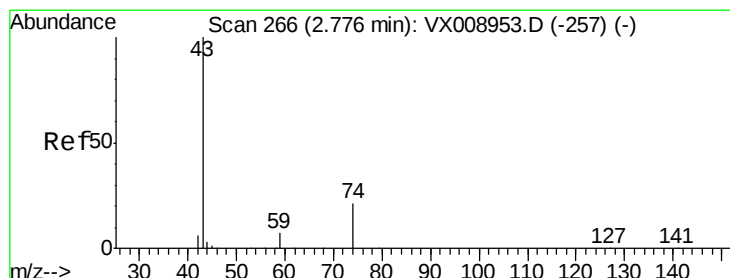
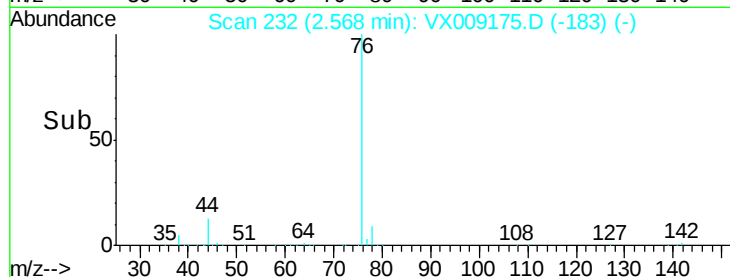
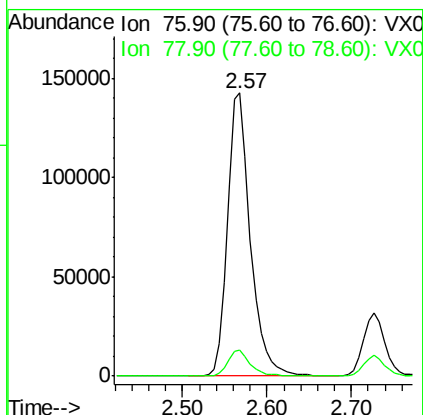
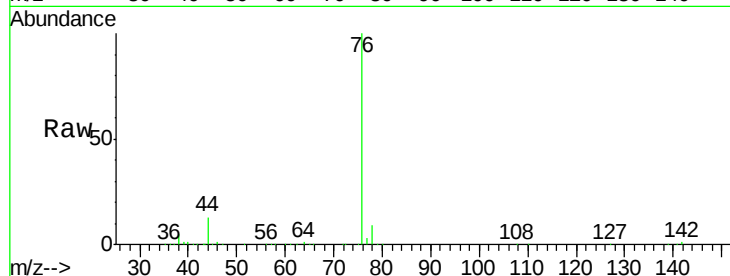




#17
Carbon Disulfide
Concen: 46.286 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

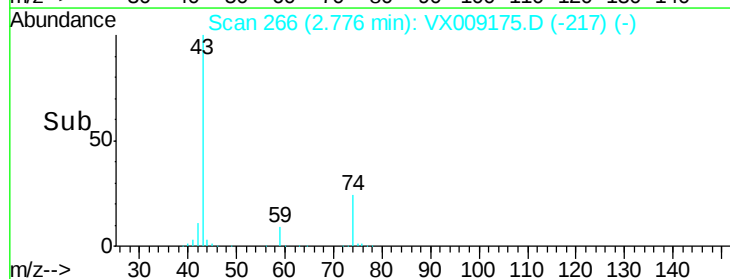
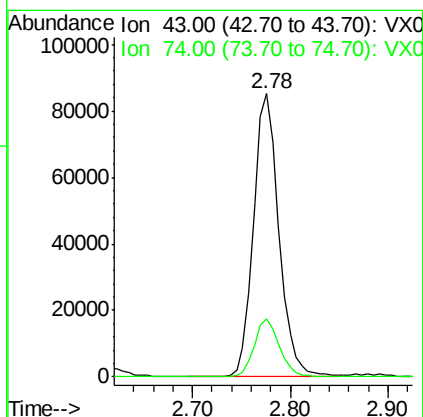
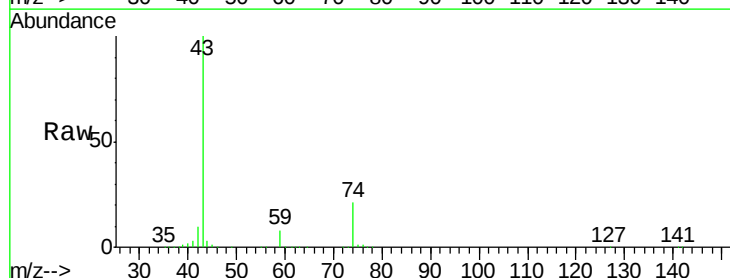
Instrument :
MSVOA_X
ClientSampleId :

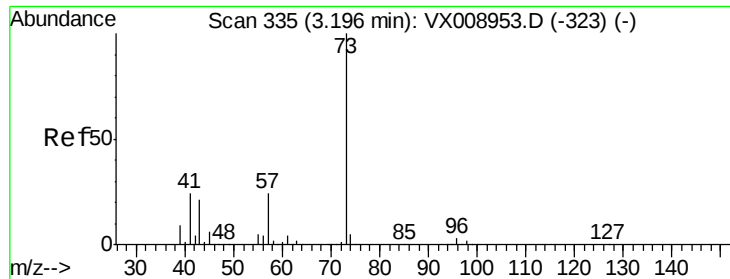
Tot Ion: 76 Resp: 263944
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 46.330 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion: 43 Resp: 153234
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0

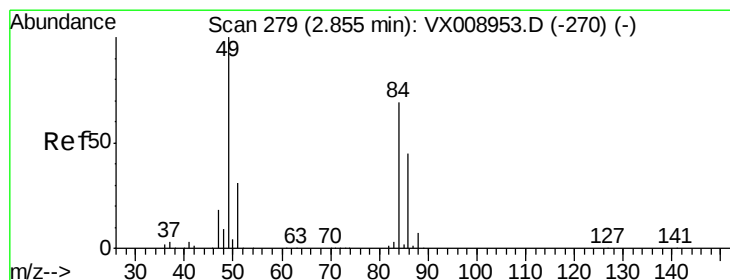
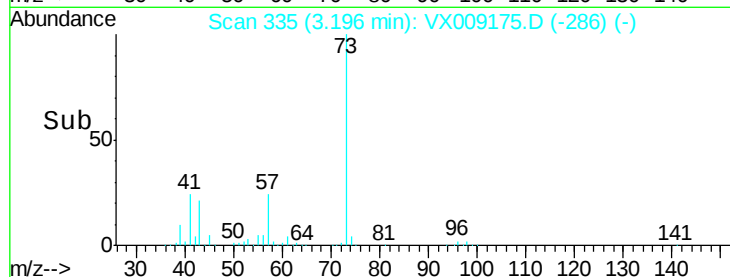
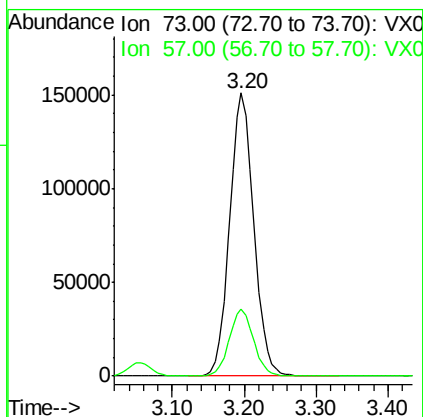
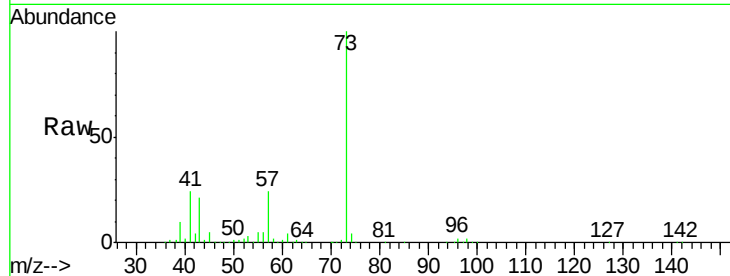




#19
Methvl tert-butvl Ether
Concen: 50.759 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

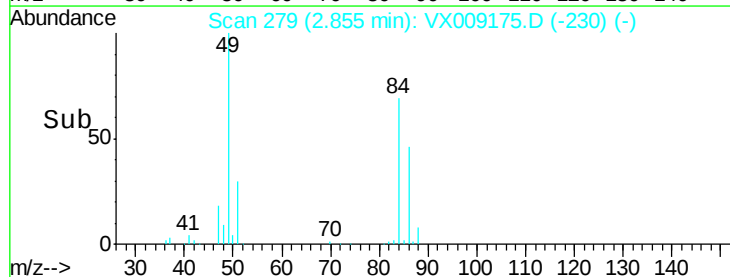
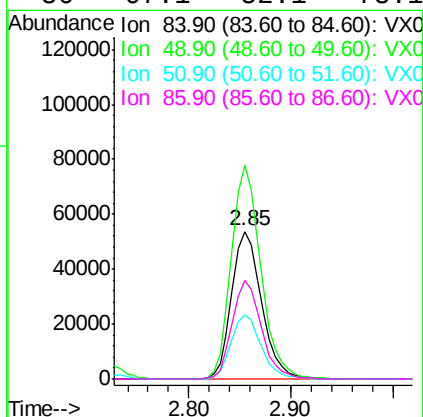
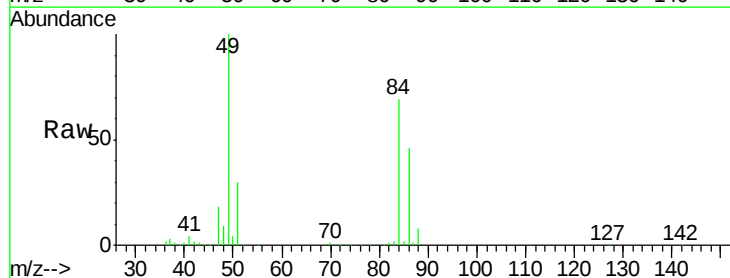
Instrument :
MSVOA_X
ClientSampleId :

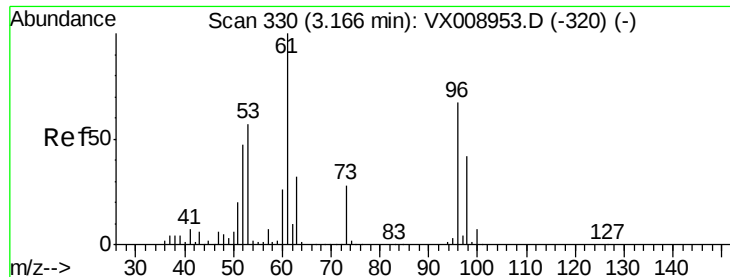
Tot Ion: 73 Resp: 351700
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8



#20
Methylene Chloride
Concen: 48.194 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion: 84 Resp: 109221
Ion Ratio Lower Upper
84 100
49 144.9 115.4 173.0
51 43.1 35.8 53.6
86 67.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 47.217 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampled :

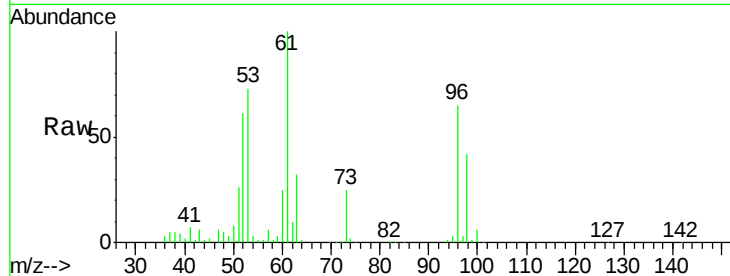
Tot Ion: 96 Resp: 97934

Ion Ratio Lower Upper

96 100

61 153.6 120.3 180.5

98 65.0 50.2 75.2

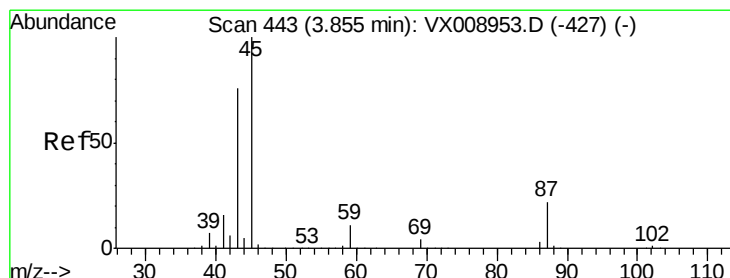
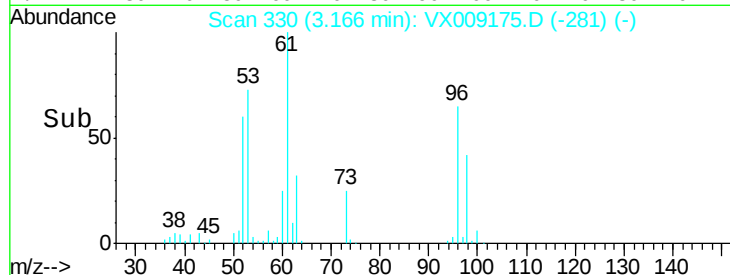
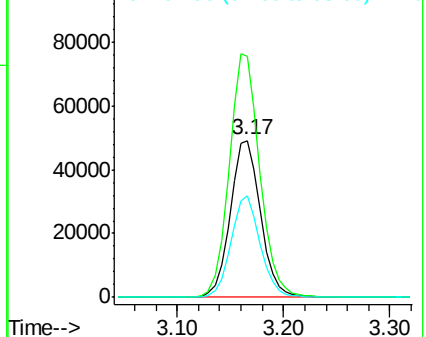


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.049 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Tgt Ion: 45 Resp: 420845

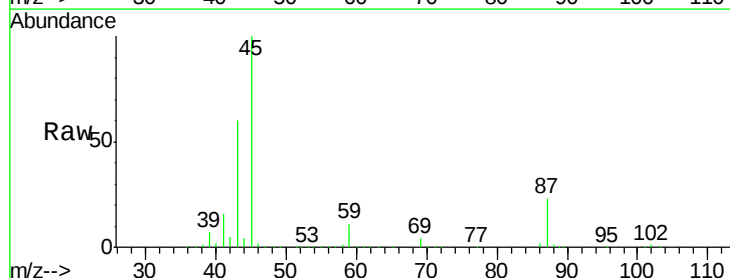
Ion Ratio Lower Upper

45 100

43 60.3 60.6 91.0#

87 22.9 17.8 26.8

59 10.5 8.7 13.1



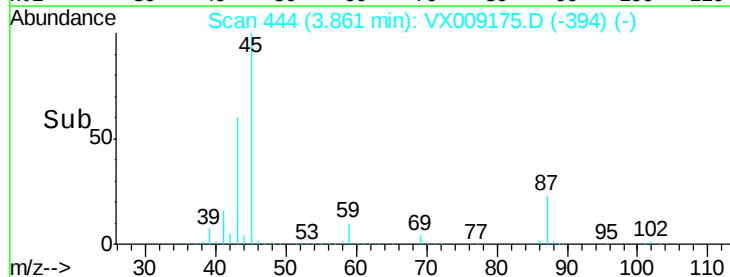
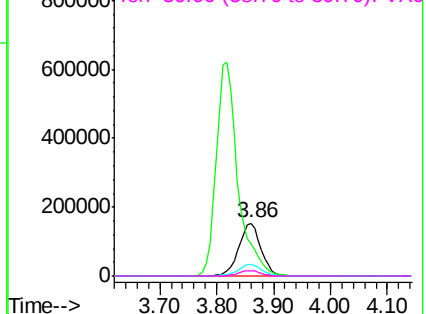
Abundance

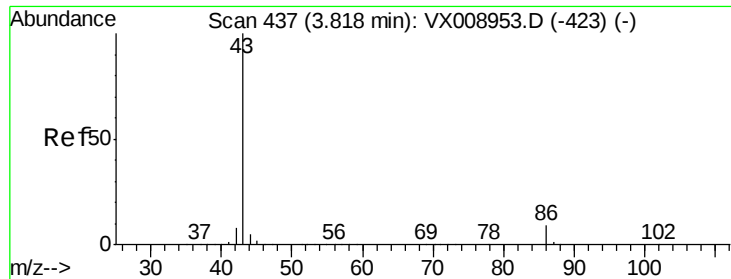
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 225.431 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

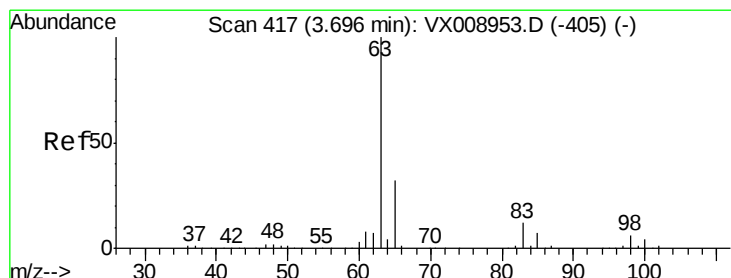
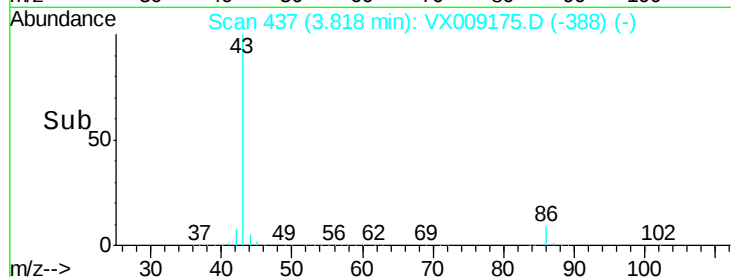
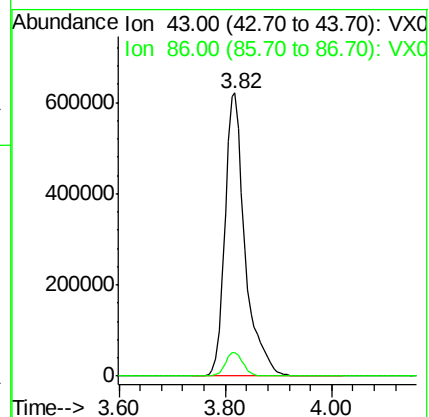
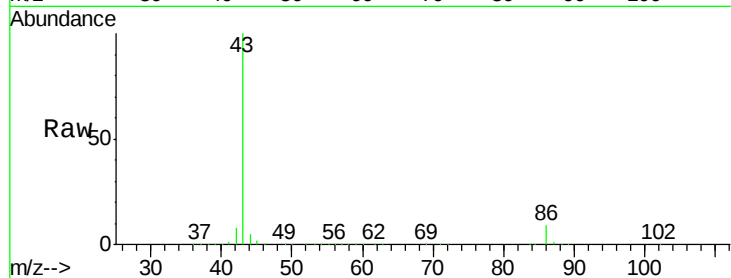
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1633622

Ion Ratio Lower Upper

43 100

86 8.5 7.1 10.7



#24

1,1-Dichloroethane

Concen: 50.019 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

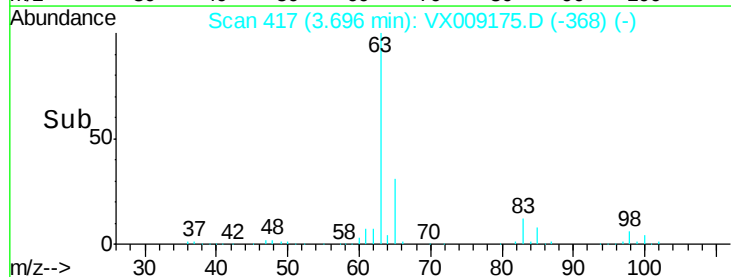
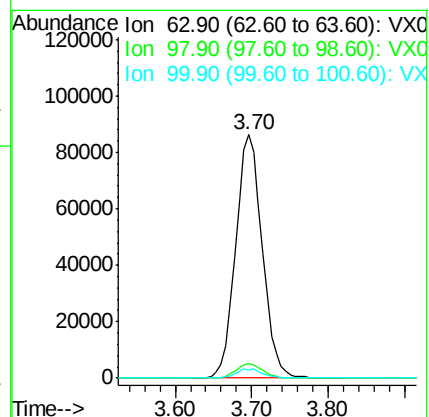
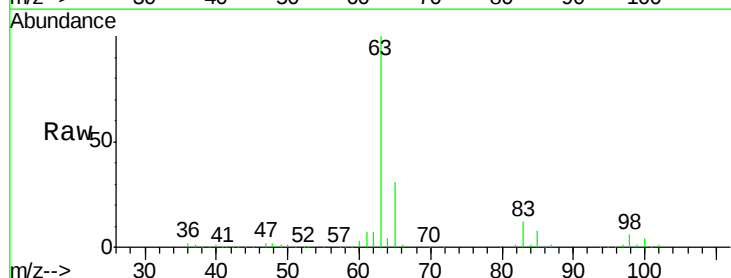
Tgt Ion: 63 Resp: 206993

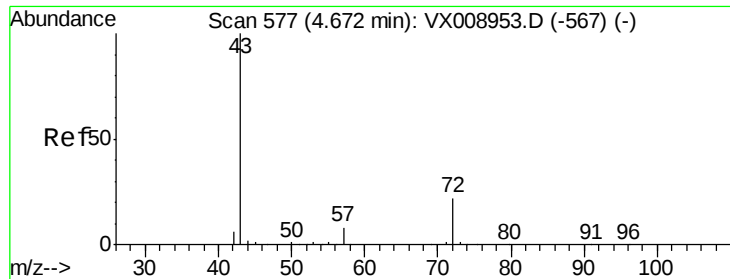
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.6 1.9 5.7





#25

2-Butanone

Concen: 272.139 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

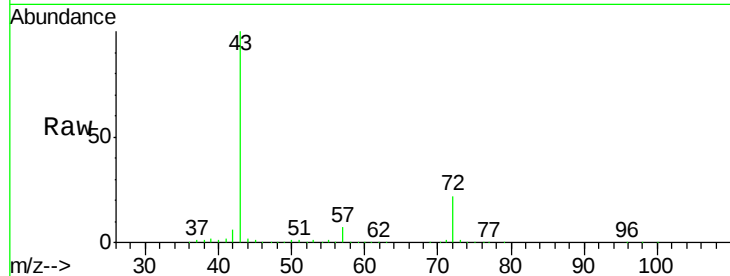
ClientSampled :

Tot Ion: 43 Resp: 576464

Ion Ratio Lower Upper

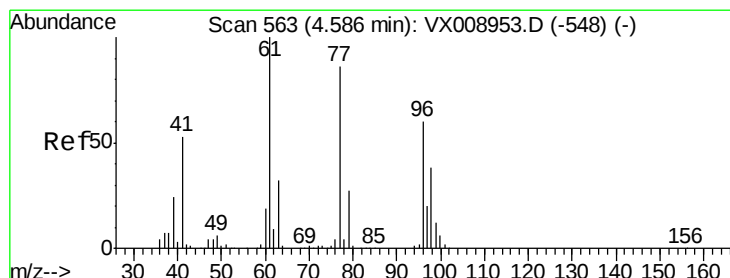
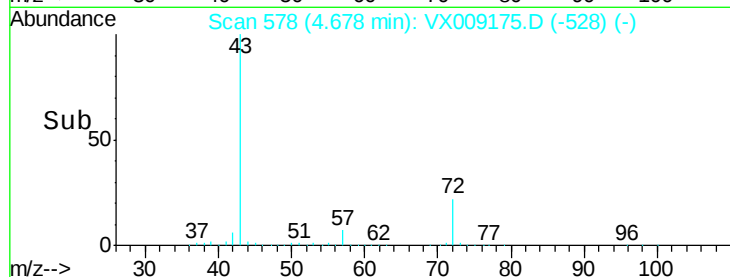
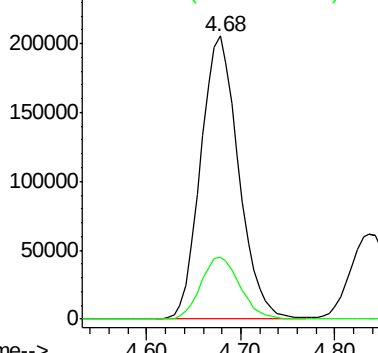
43 100

72 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.078 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009175.D

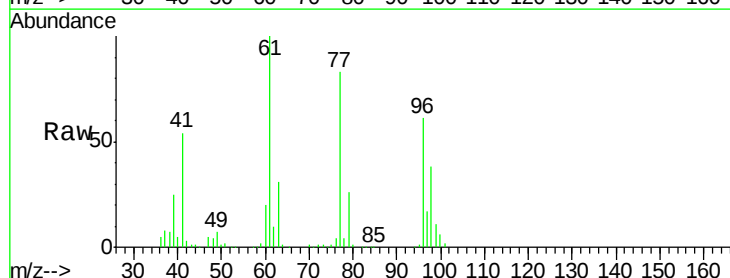
Acq: 25 Apr 2019 20:13

Tgt Ion: 77 Resp: 118119

Ion Ratio Lower Upper

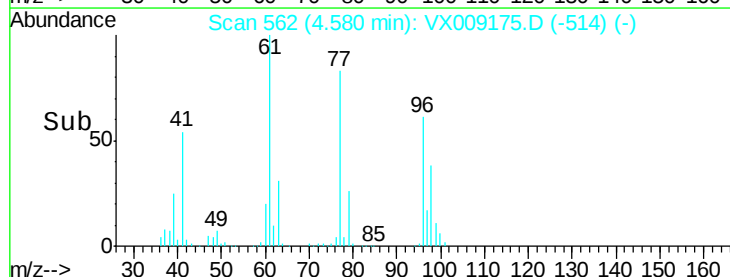
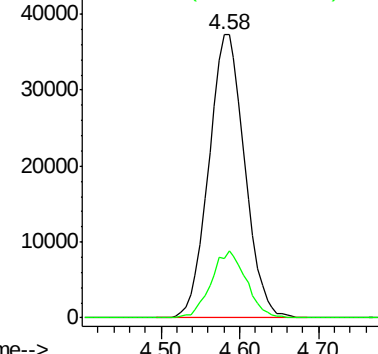
77 100

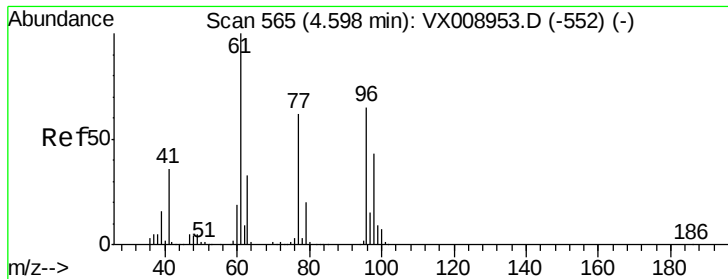
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



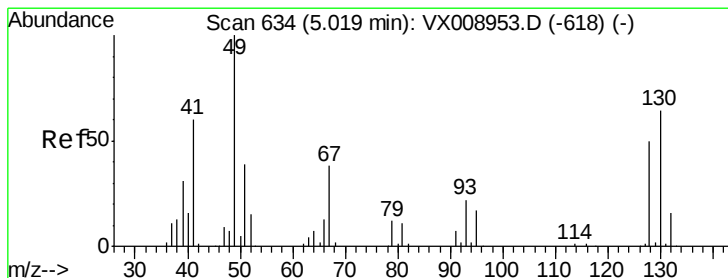
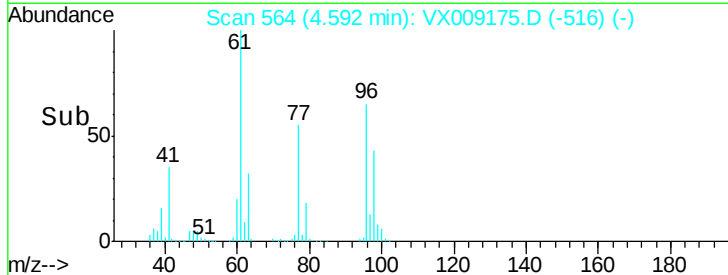
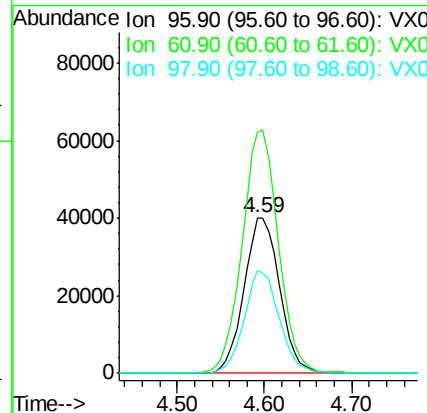
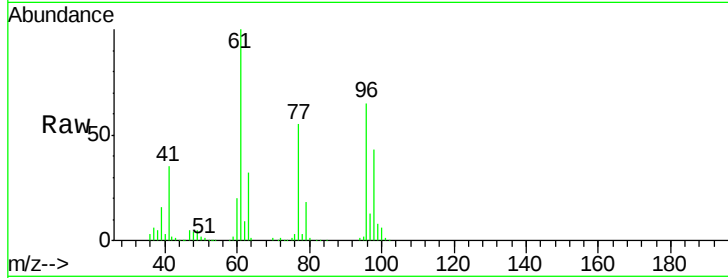


#27

cis-1,2-Dichloroethene
Concen: 48.306 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampled :

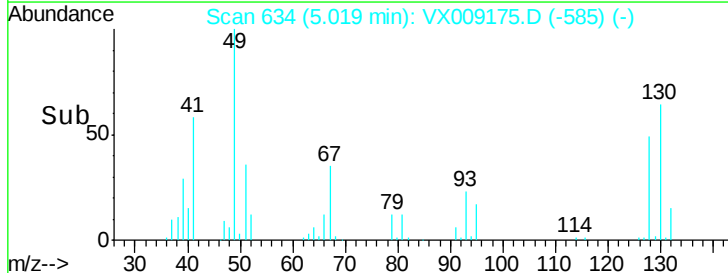
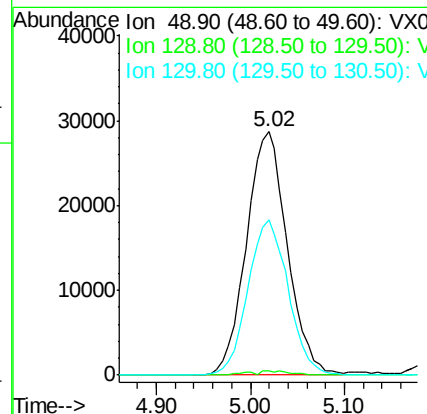
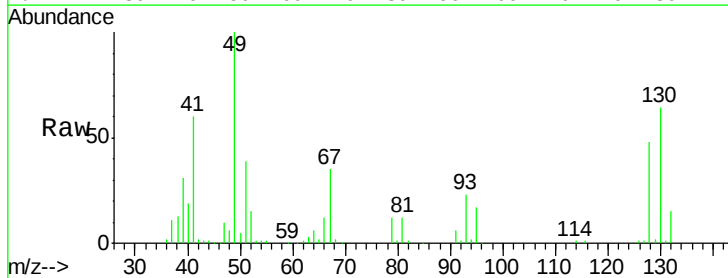
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	322.0
98	64.8	0.0	128.4

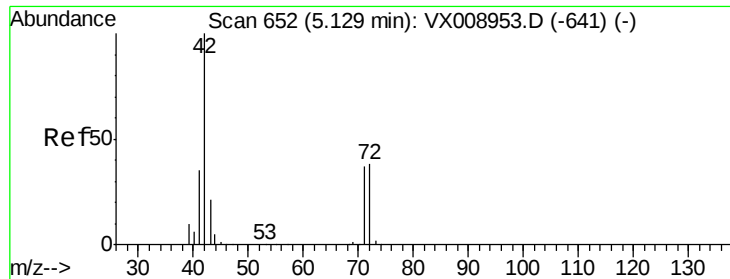


#28

Bromochloromethane
Concen: 50.732 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	63.0	50.4	75.6





#29

Tetrahydrofuran

Concen: 272.413 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :

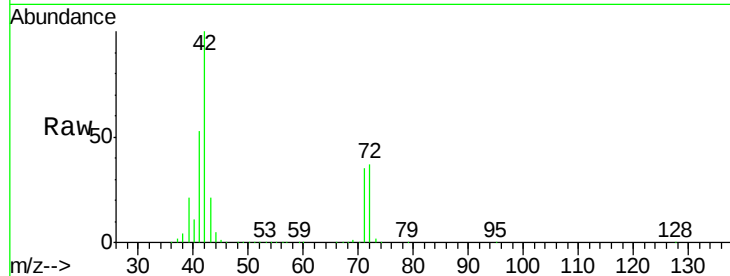
Tot Ion: 42 Resp: 386226

Ion Ratio Lower Upper

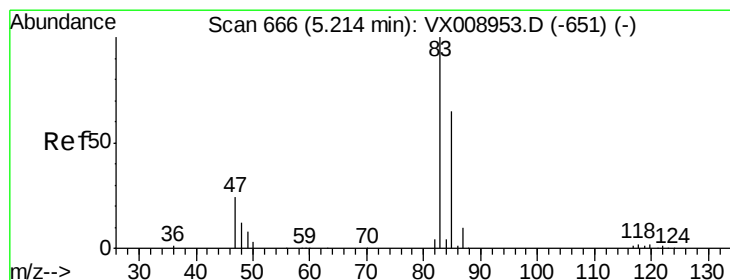
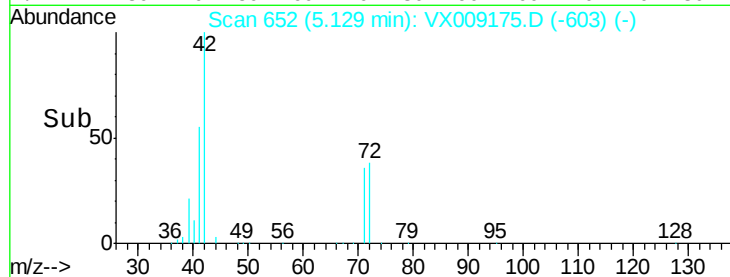
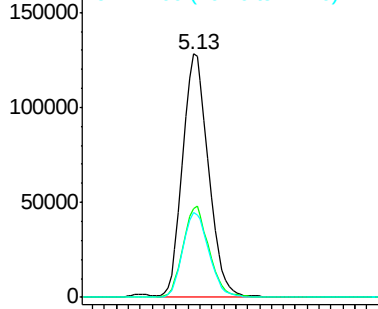
42 100

72 37.5 30.6 45.8

71 35.2 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.656 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009175.D

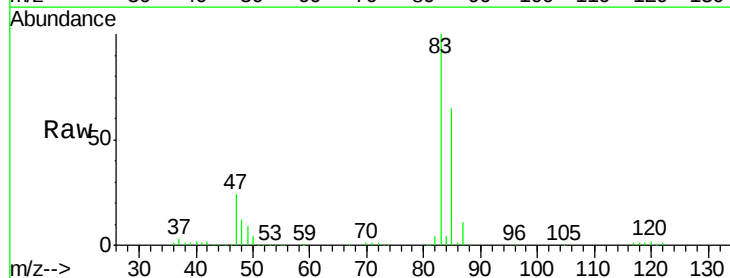
Acq: 25 Apr 2019 20:13

Tgt Ion: 83 Resp: 187585

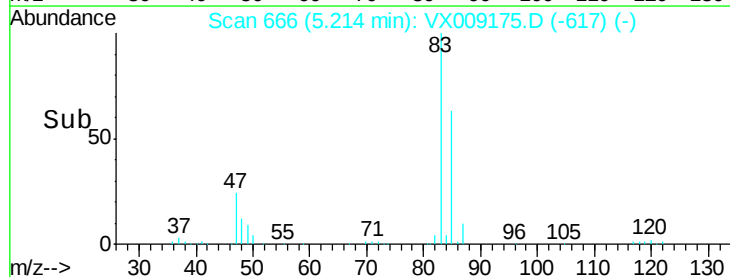
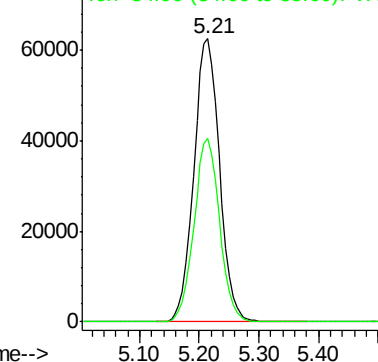
Ion Ratio Lower Upper

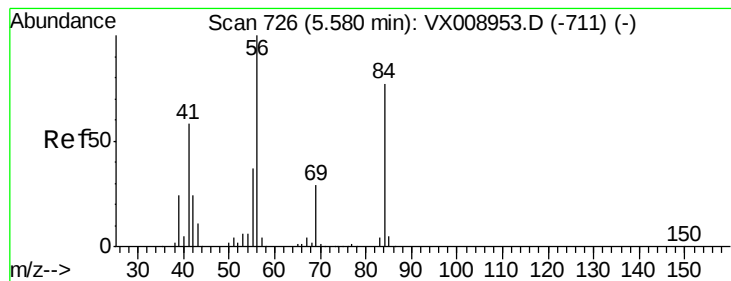
83 100

85 65.0 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.393 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :

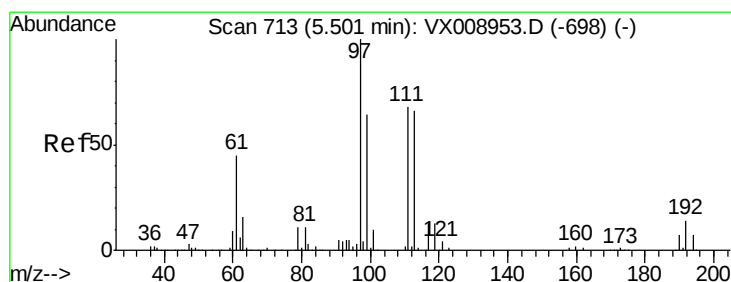
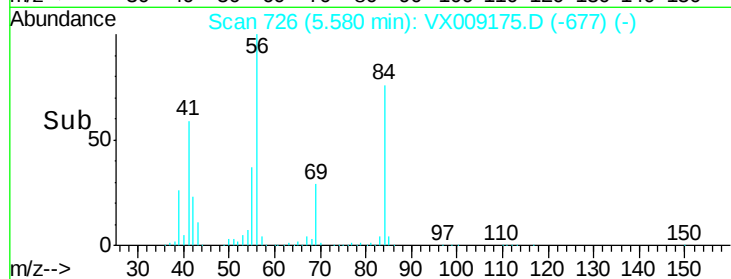
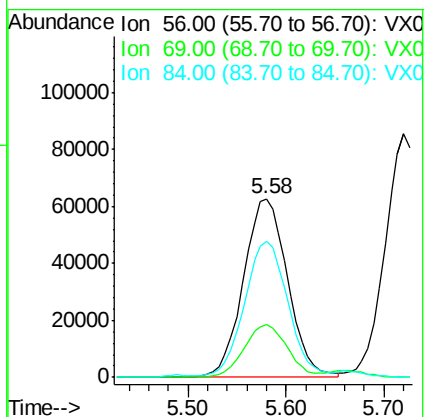
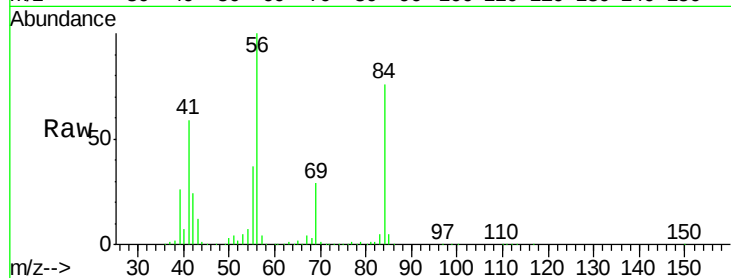
Tot Ion: 56 Resp: 196969

Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 75.2 61.7 92.5



#32

1,1,1-Trichloroethane

Concen: 50.209 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

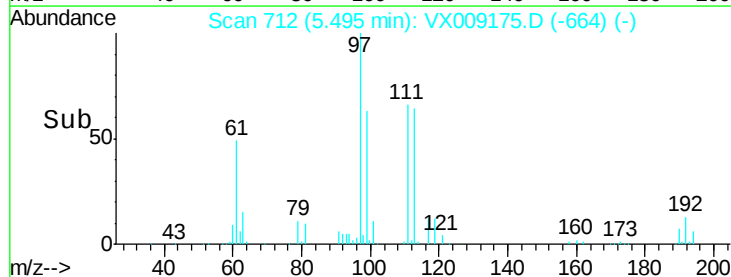
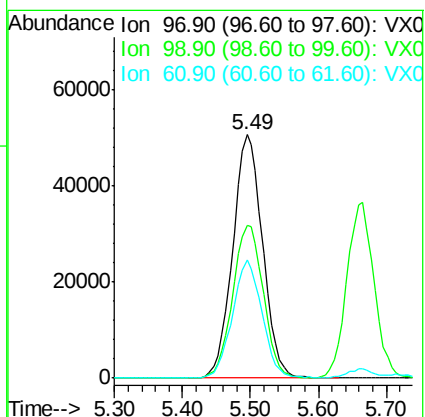
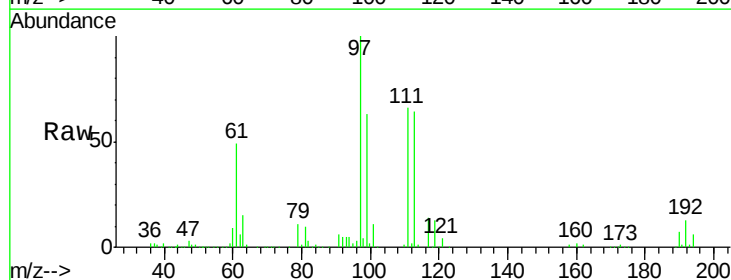
Tgt Ion: 97 Resp: 154100

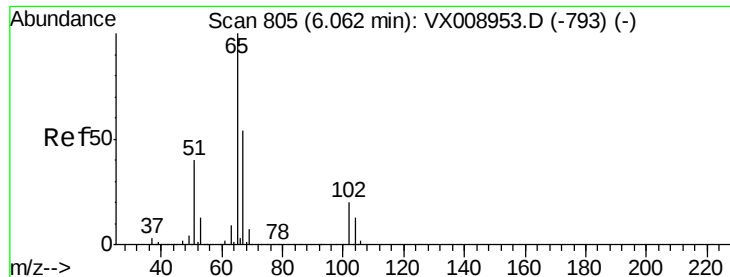
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 47.9 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 50.749 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

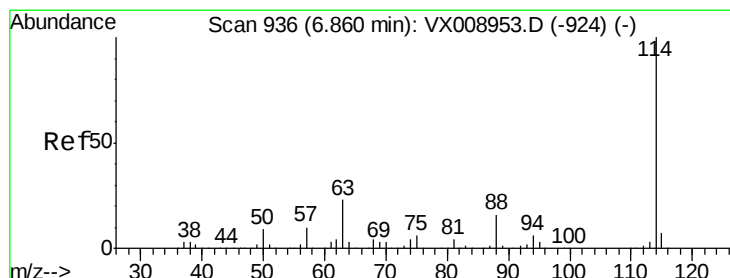
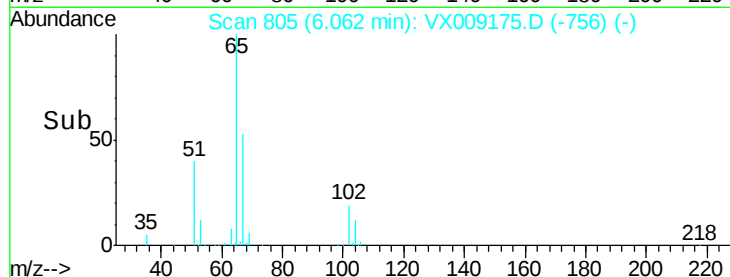
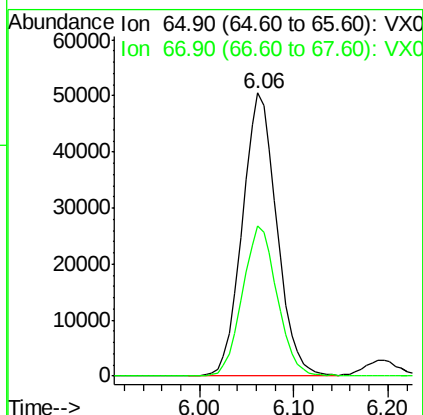
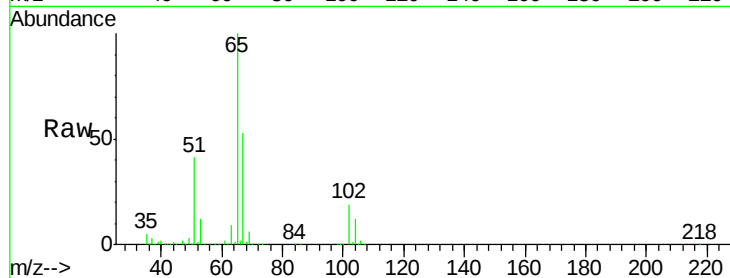
ClientSampleId :

Tot Ion: 65 Resp: 129689

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

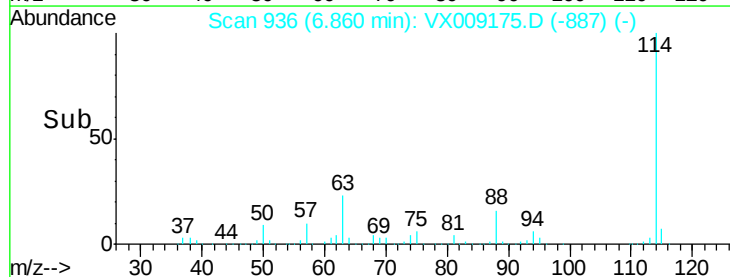
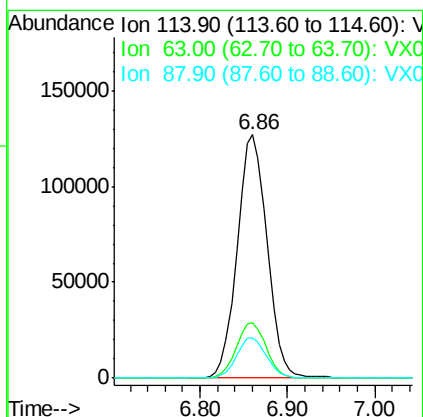
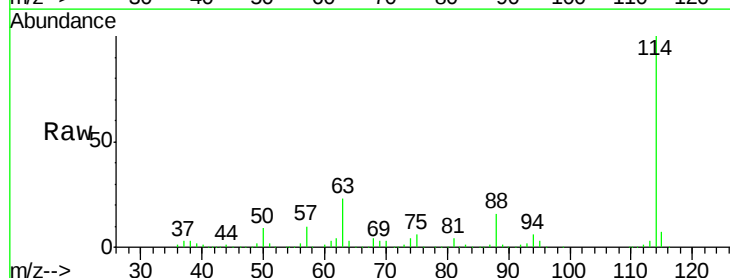
Tgt Ion: 114 Resp: 301575

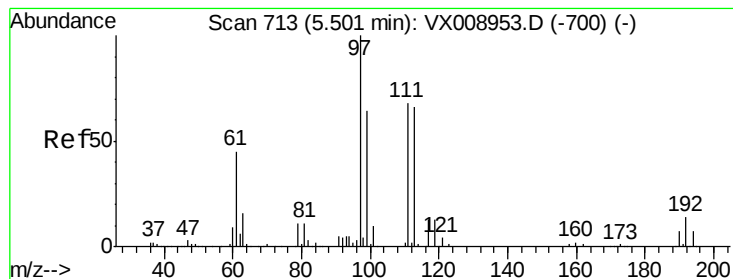
Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.540 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampled :

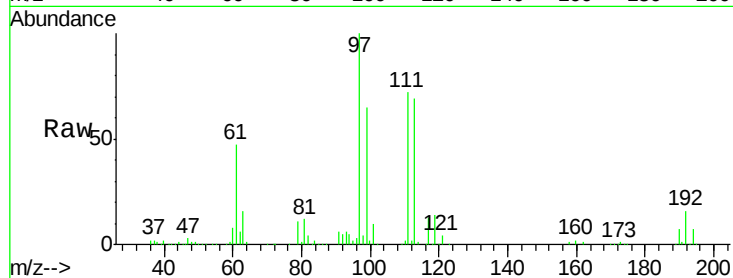
Tot Ion:113 Resp: 95882

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

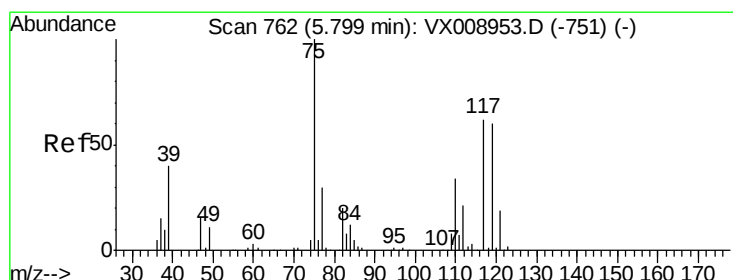
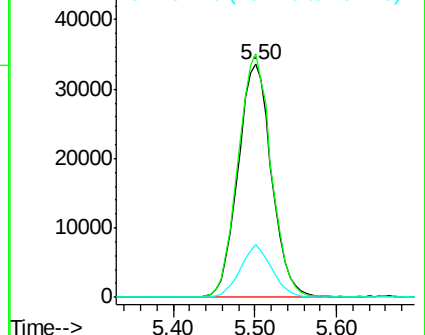
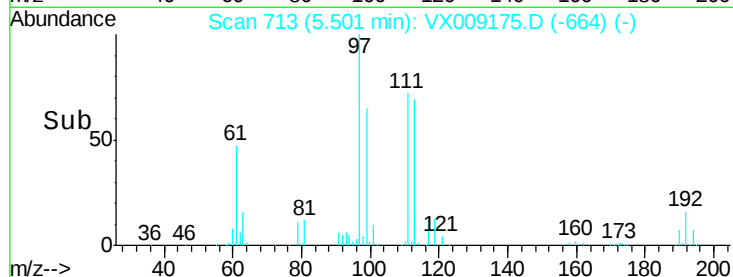
192 21.2 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.870 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

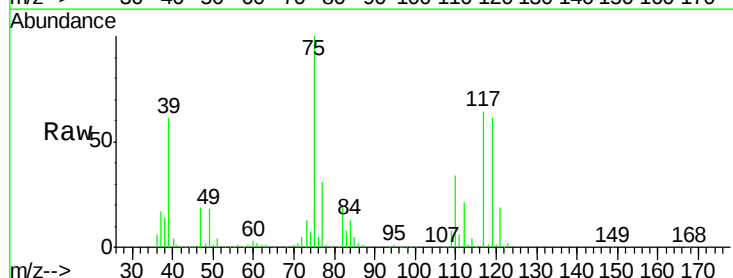
Tgt Ion: 75 Resp: 143065

Ion Ratio Lower Upper

75 100

110 33.0 16.9 50.7

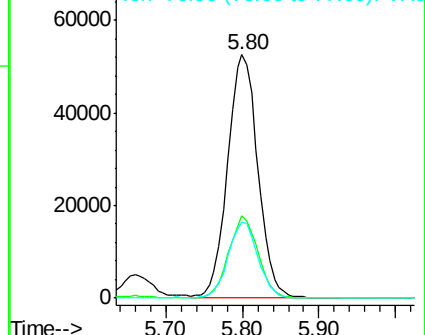
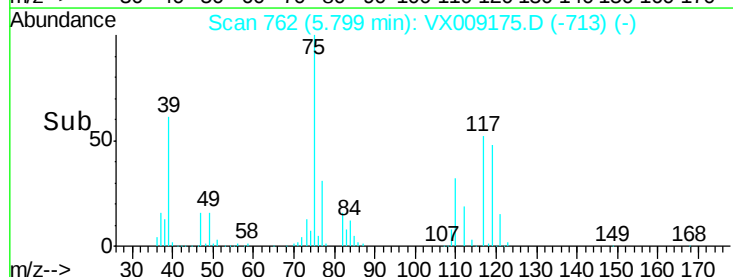
77 31.2 25.0 37.4

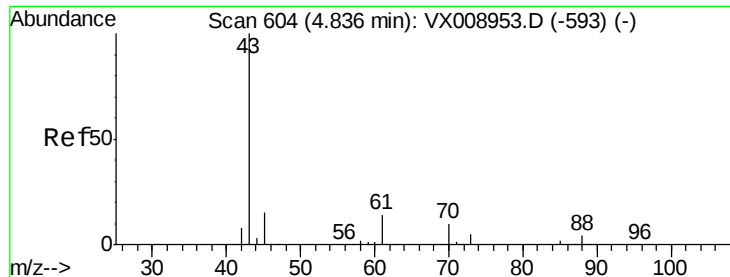


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

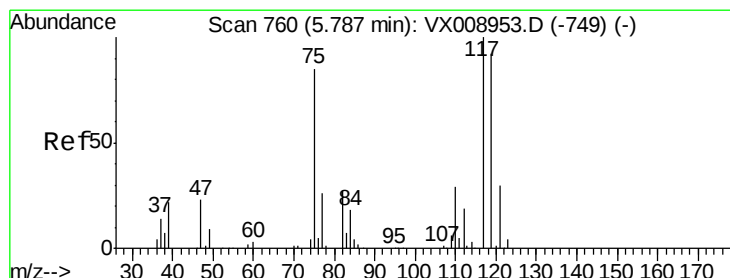
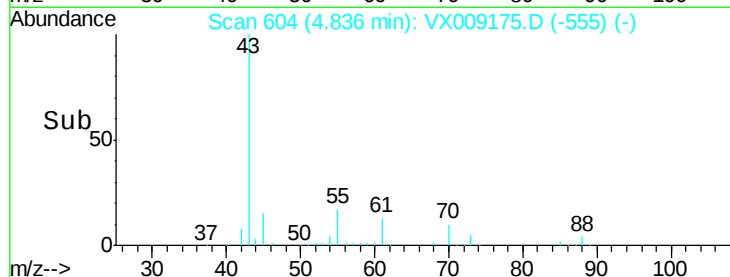
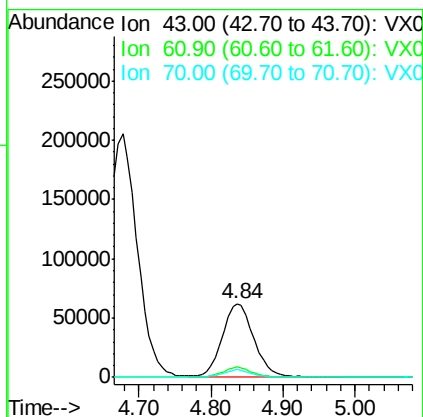
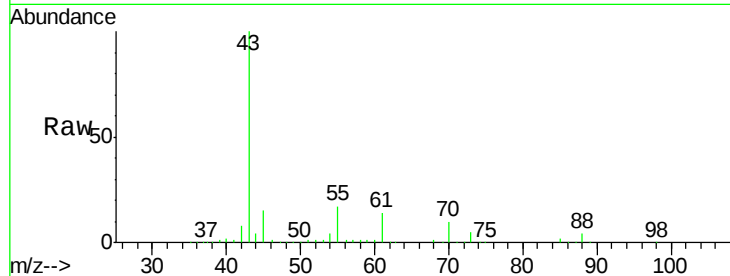




#37
Ethyl Acetate
Concen: 46.605 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

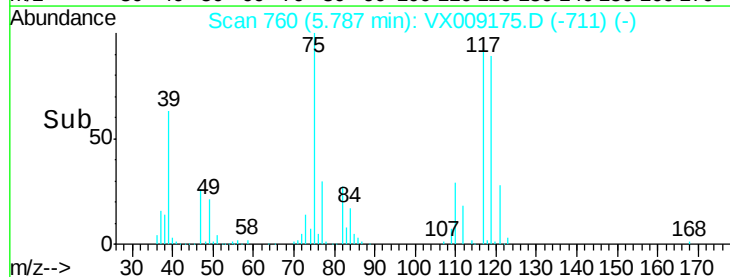
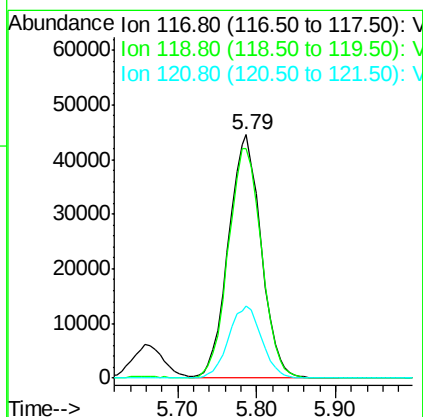
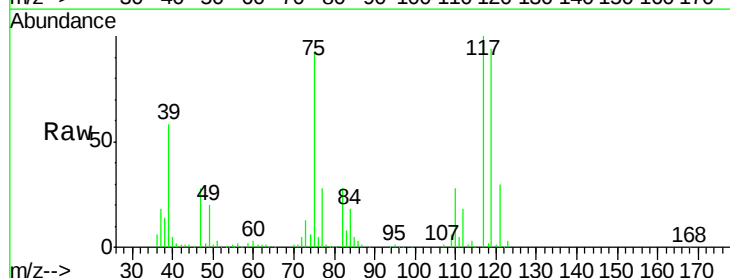
Instrument :
MSVOA_X
ClientSampled :

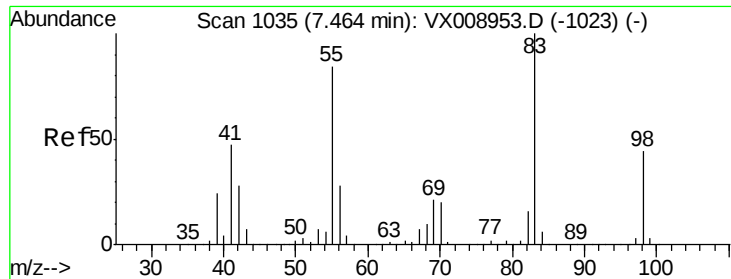
Tot Ion: 43 Resp: 187044
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.522 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion: 117 Resp: 128299
Ion Ratio Lower Upper
117 100
119 94.3 73.8 110.8
121 29.7 23.6 35.4

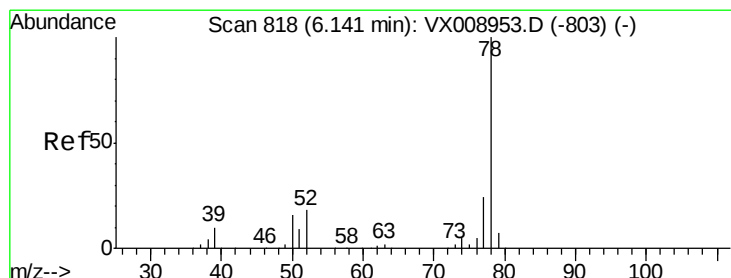
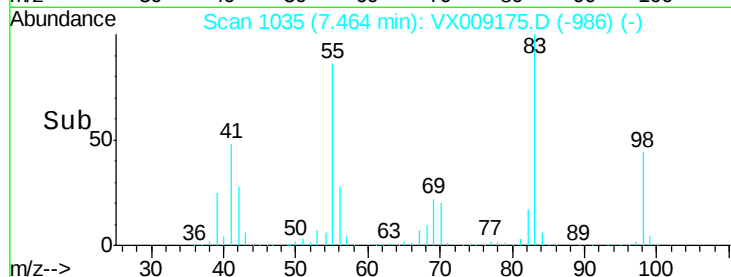
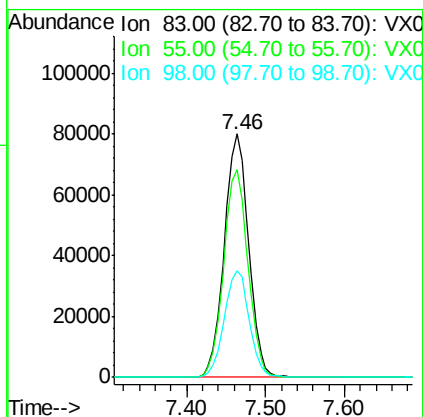
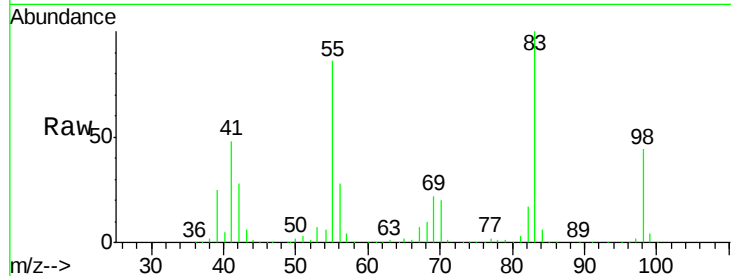




#39
Methvlcvclohexane
Concen: 45.348 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

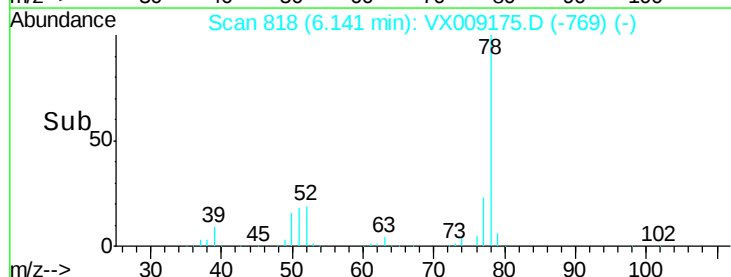
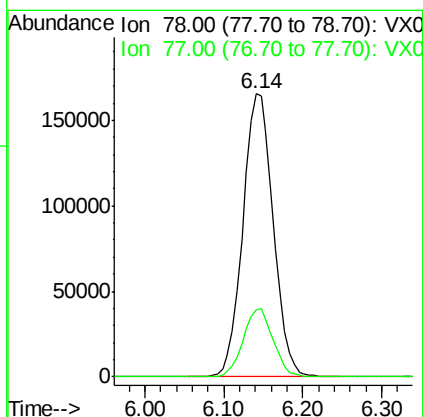
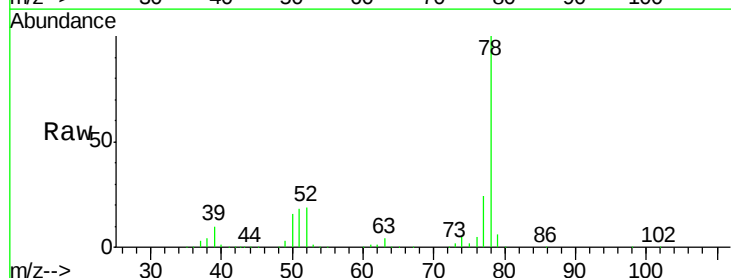
Instrument :
MSVOA_X
ClientSampled :

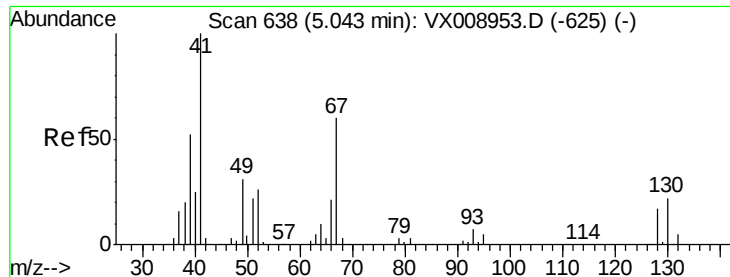
Tot Ion: 83 Resp: 172205
Ion Ratio Lower Upper
83 100
55 85.6 67.1 100.7
98 43.9 35.1 52.7



#40
Benzene
Concen: 48.036 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion: 78 Resp: 441984
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41

Methacrylonitrile

Concen: 52.072 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 119941

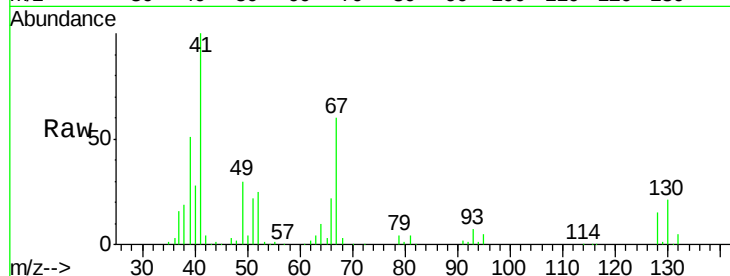
Ion Ratio Lower Upper

41 100

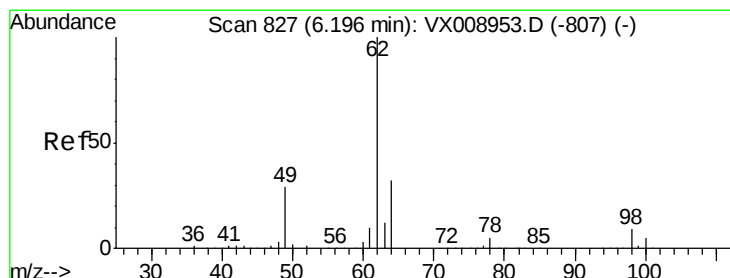
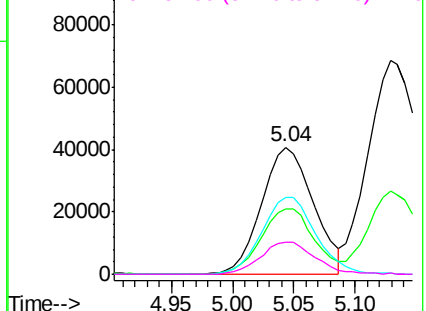
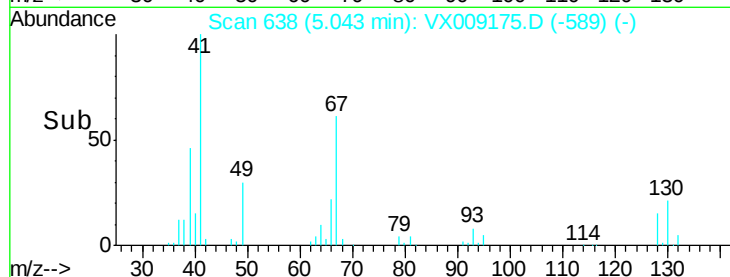
39 52.6 41.8 62.6

67 63.3 50.2 75.4

52 27.0 21.1 31.7



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



#42

1,2-Dichloroethane

Concen: 48.921 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX009175.D

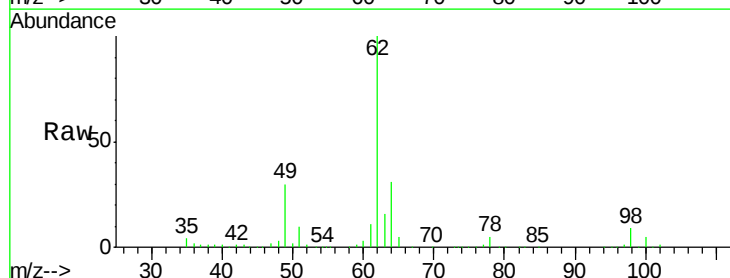
Acq: 25 Apr 2019 20:13

Tgt Ion: 62 Resp: 159451

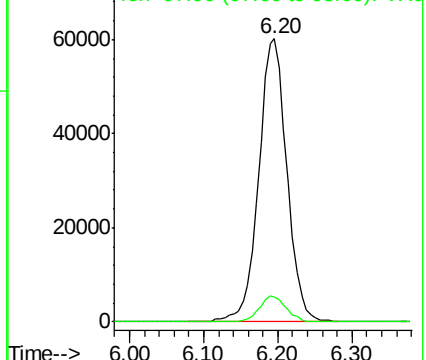
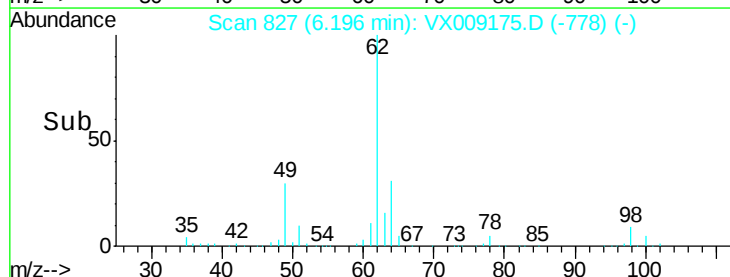
Ion Ratio Lower Upper

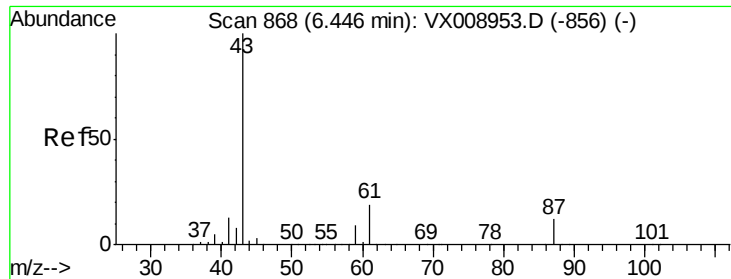
62 100

98 8.8 0.0 18.4



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



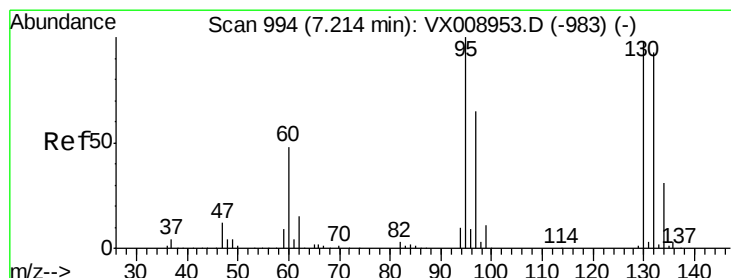
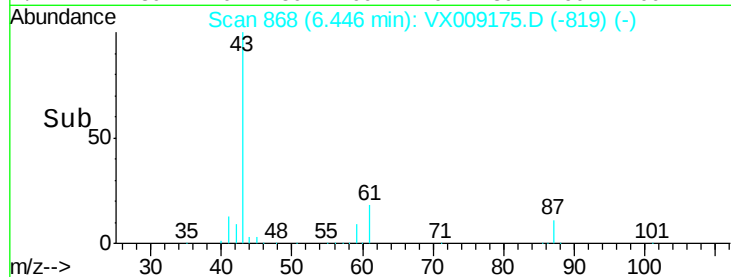
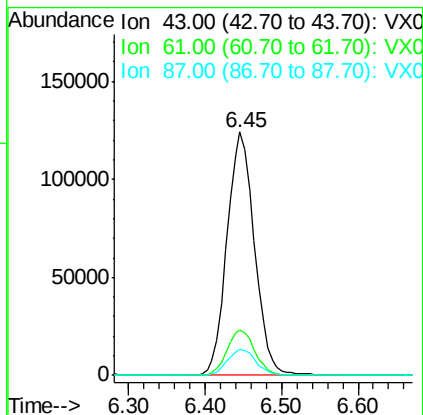
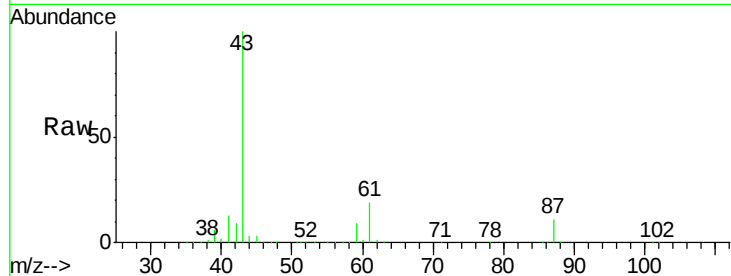


#43

Isopropyl Acetate
 Concen: 47.470 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :

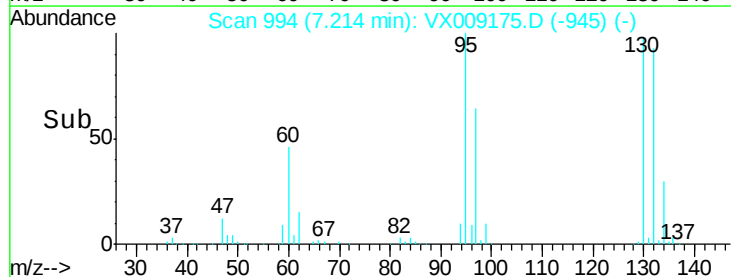
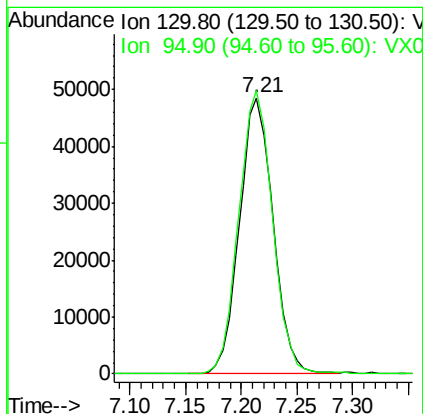
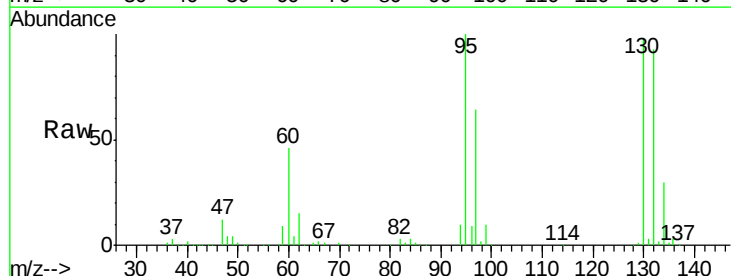
Tot Ion: 43 Resp: 307012
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.4 23.0
 87 11.2 9.0 13.4

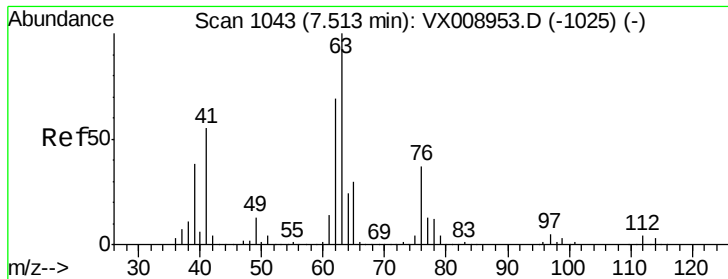


#44

Trichloroethene
 Concen: 45.306 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion:130 Resp: 102139
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 203.2





#45

1,2-Dichloropropane

Concen: 49.521 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

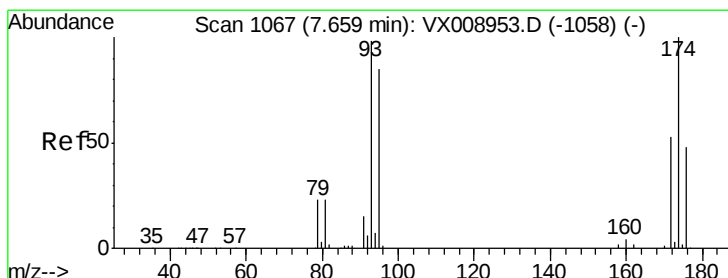
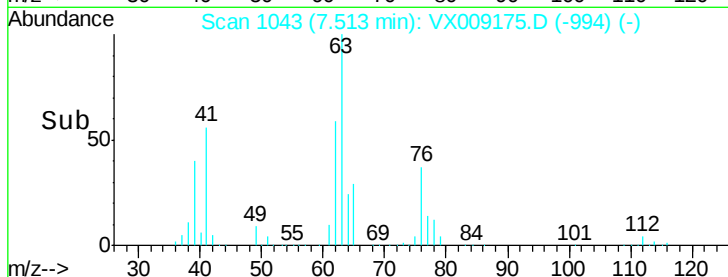
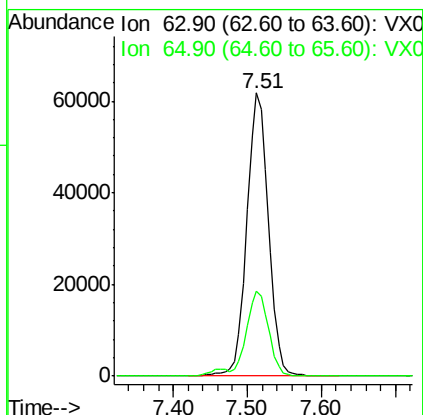
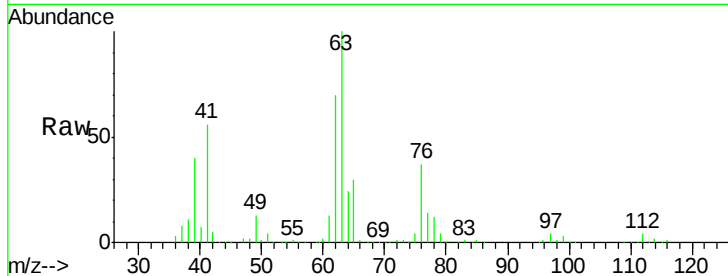
ClientSampleId :

Tot Ion: 63 Resp: 126407

Ion Ratio Lower Upper

63 100

65 29.9 24.1 36.1



#46

Dibromomethane

Concen: 48.253 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

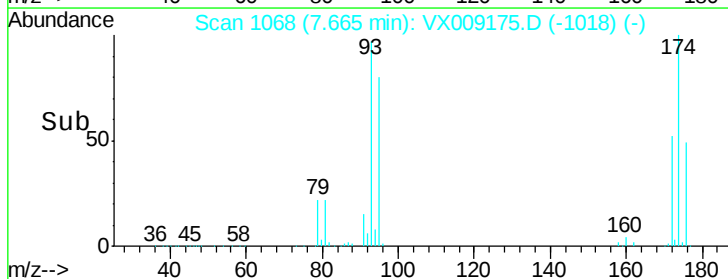
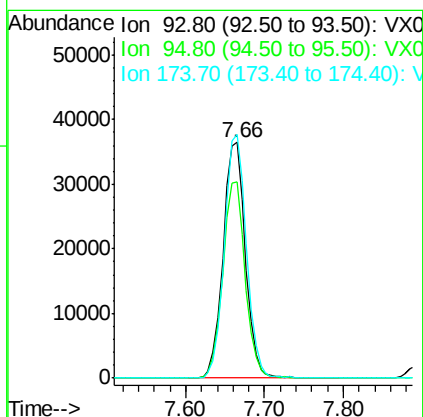
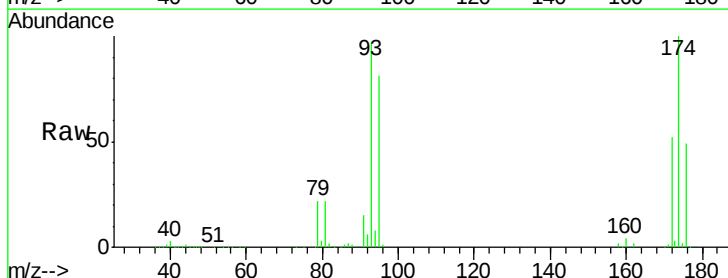
Tgt Ion: 93 Resp: 71683

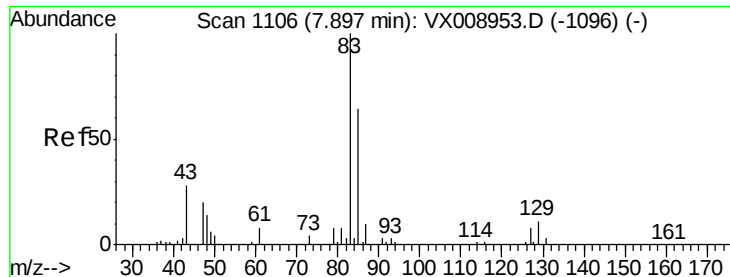
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

174 102.3 81.6 122.4





#47

Bromodichloromethane

Concen: 49.377 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampled :

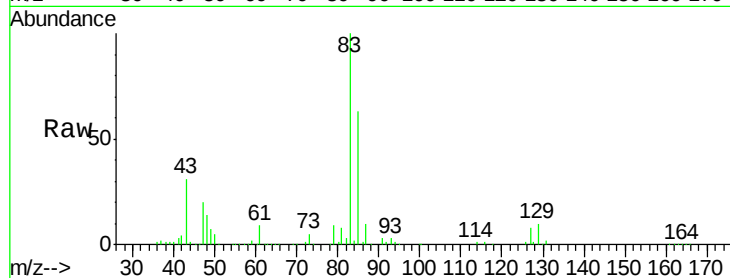
Tot Ion: 83 Resp: 143871

Ion Ratio Lower Upper

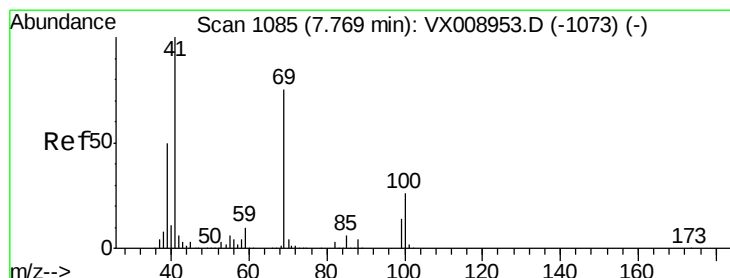
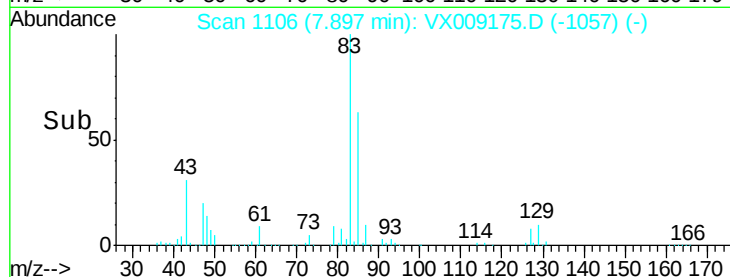
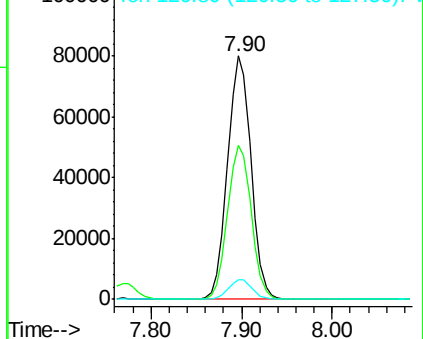
83 100

85 63.0 50.8 76.2

127 8.2 6.4 9.6



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



#48

Methyl methacrylate

Concen: 52.606 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

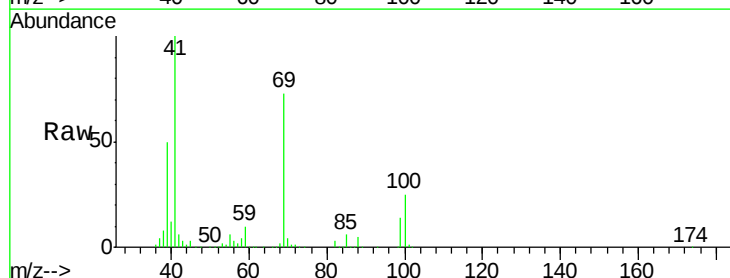
Tgt Ion: 41 Resp: 168111

Ion Ratio Lower Upper

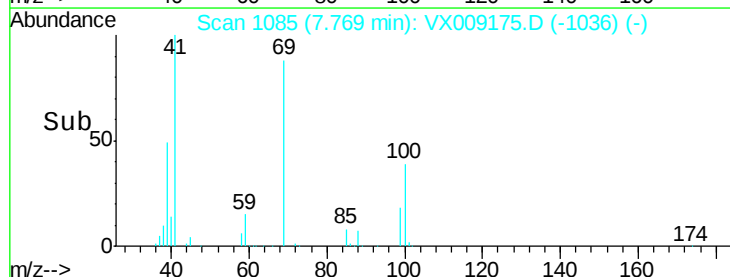
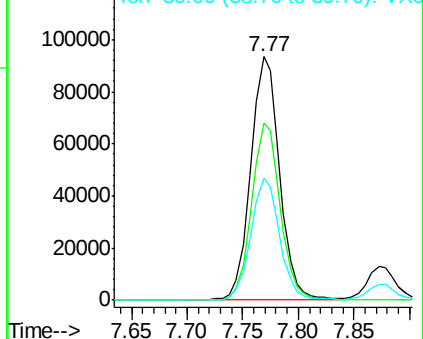
41 100

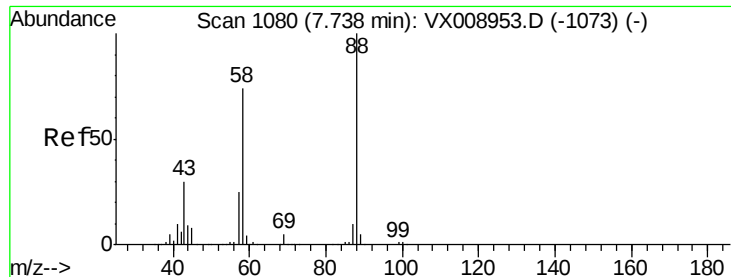
69 72.8 59.4 89.2

39 49.9 39.8 59.6



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

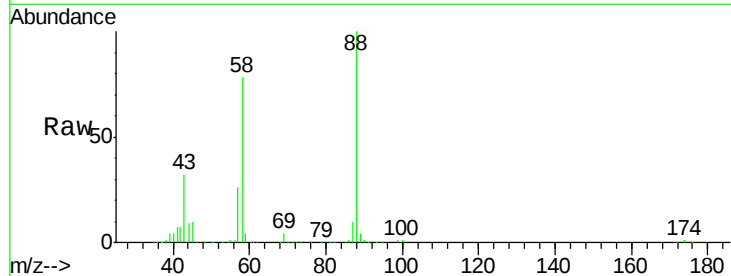




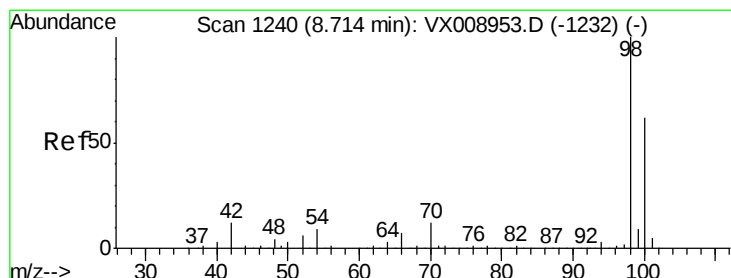
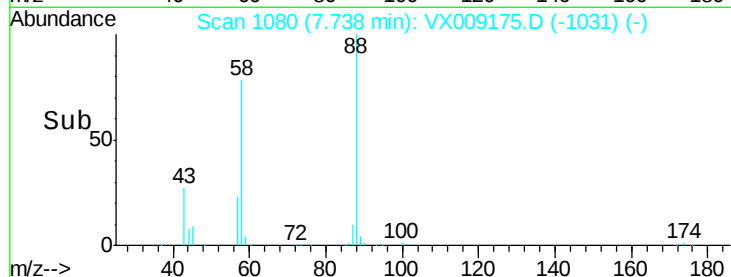
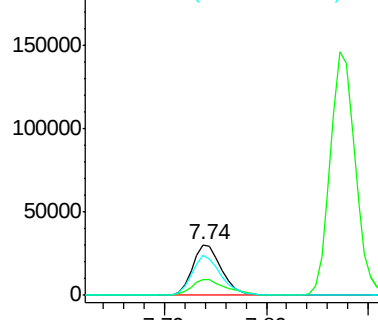
#49
1,4-Dioxane
Concen: 1008.456 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	60319
Ion	Ratio	Lower	Upper
88	100		
43	36.6	29.3	43.9
58	78.8	62.6	93.8

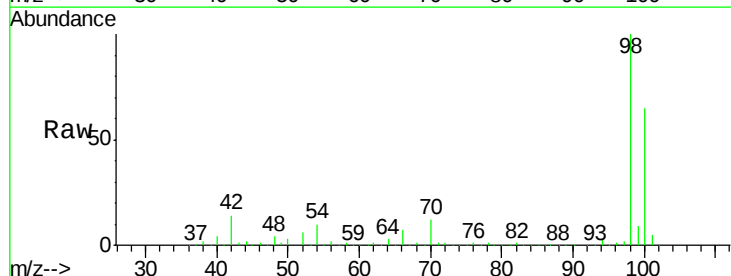


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

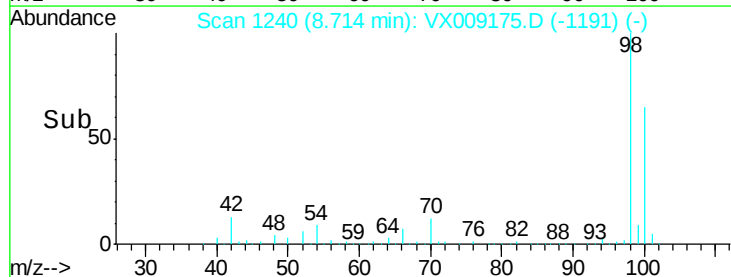
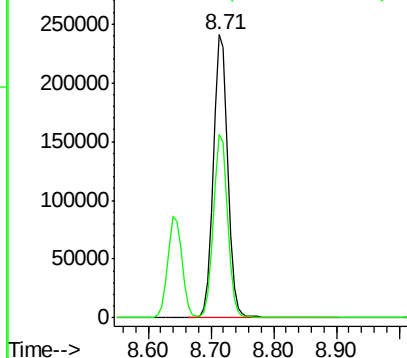


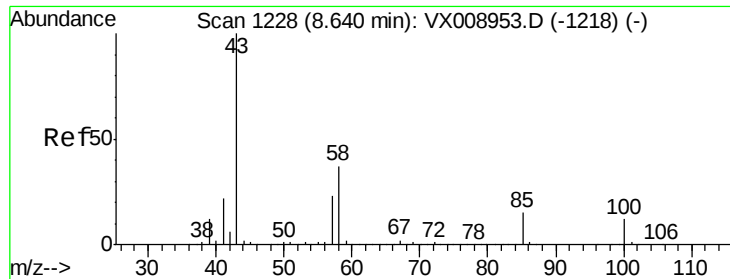
#50
Toluene-d8
Concen: 49.530 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion	98	Resp	382304
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 273.523 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

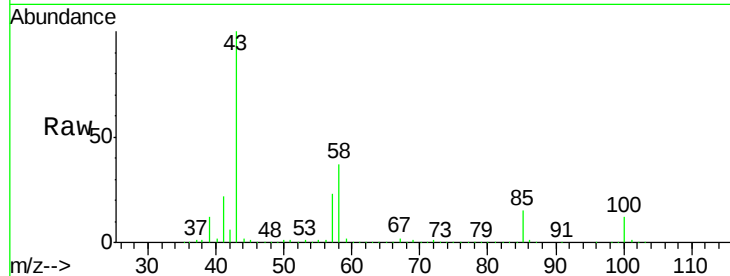
ClientSampleId :

Tot Ion: 43 Resp: 1127000

Ion Ratio Lower Upper

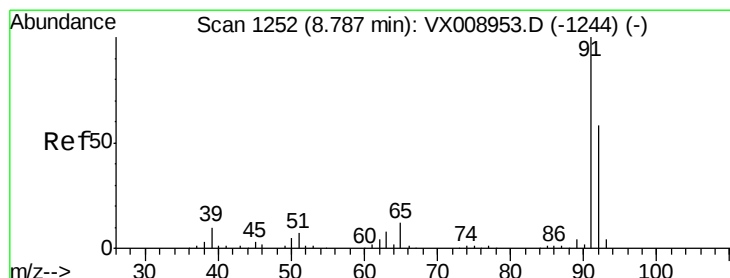
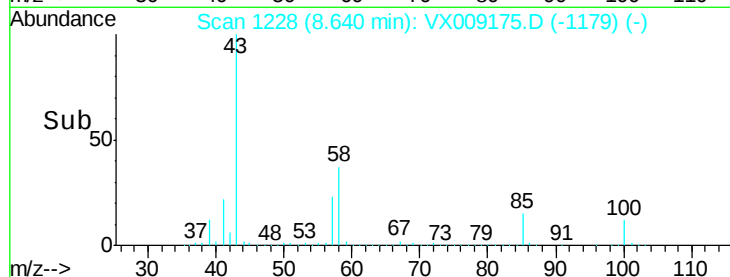
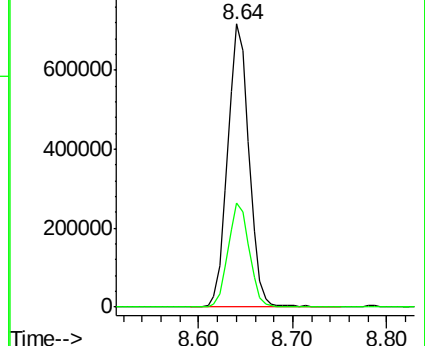
43 100

58 36.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.623 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009175.D

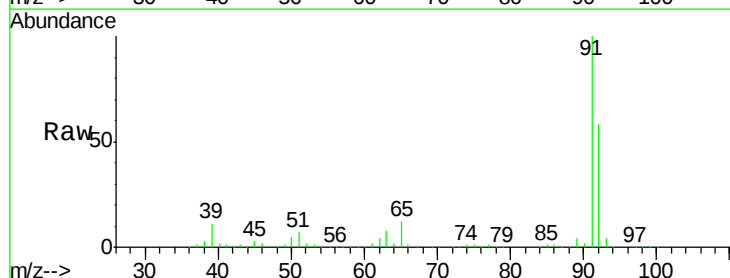
Acq: 25 Apr 2019 20:13

Tgt Ion: 92 Resp: 268128

Ion Ratio Lower Upper

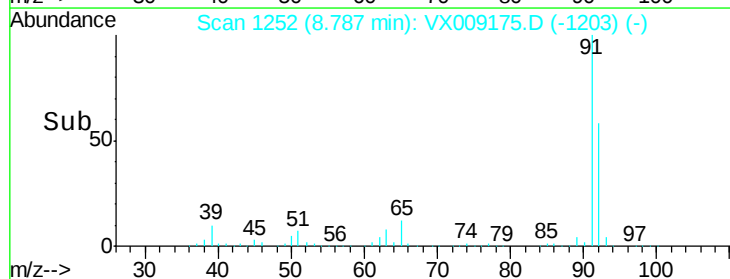
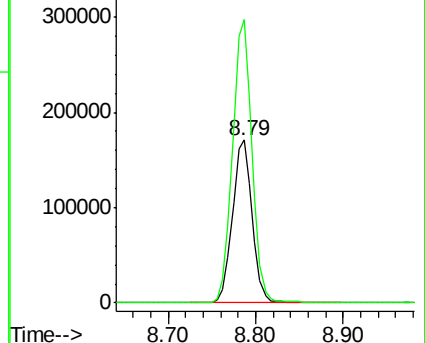
92 100

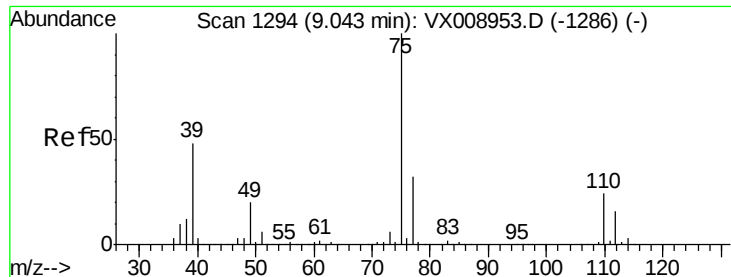
91 173.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

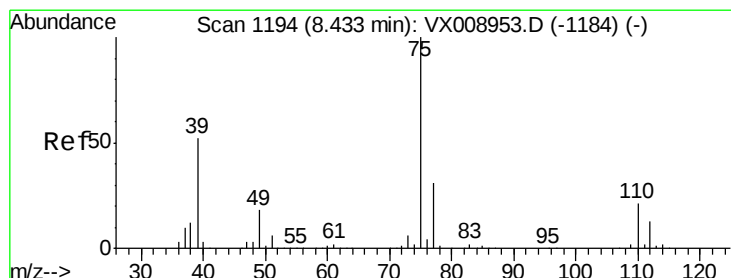
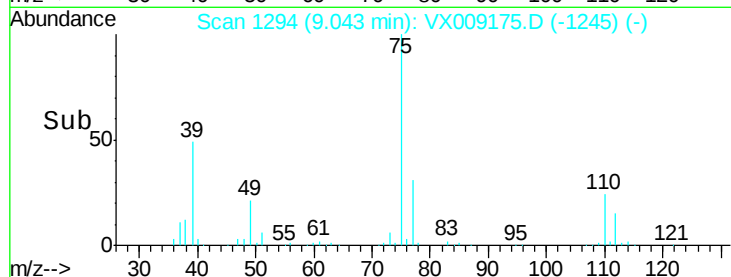
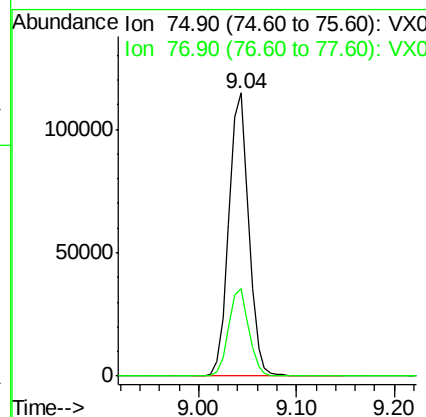
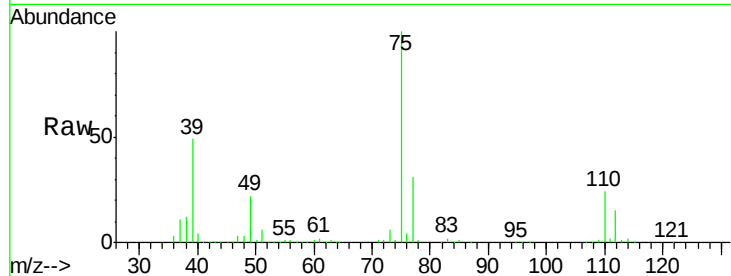




#53
 t-1,3-Dichloropropene
 Concen: 48.576 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

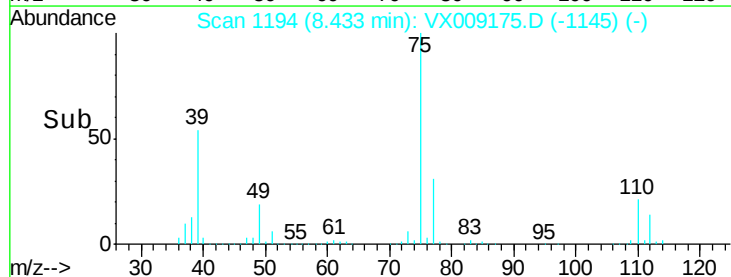
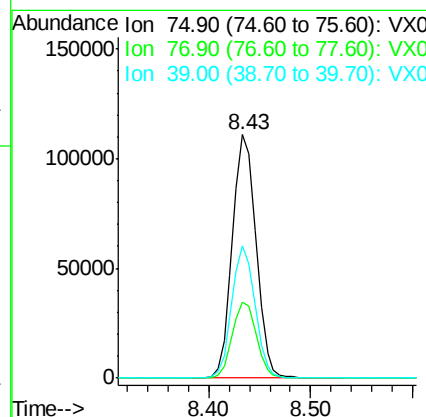
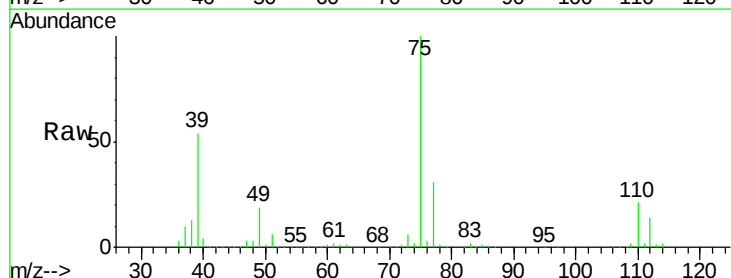
Instrument :
 MSVOA_X
 ClientSampled :

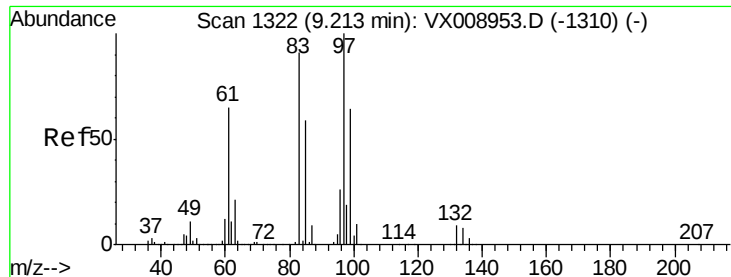
Tot Ion: 75 Resp: 162889
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.573 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion: 75 Resp: 178627
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 54.0 41.8 62.6

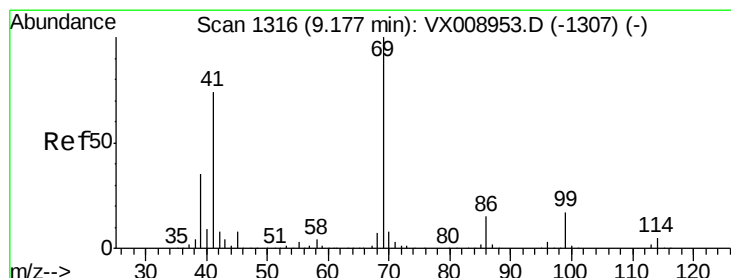
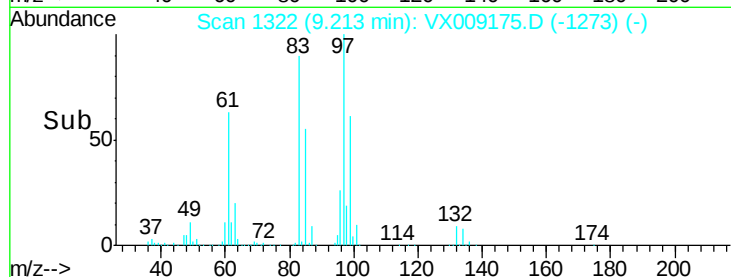
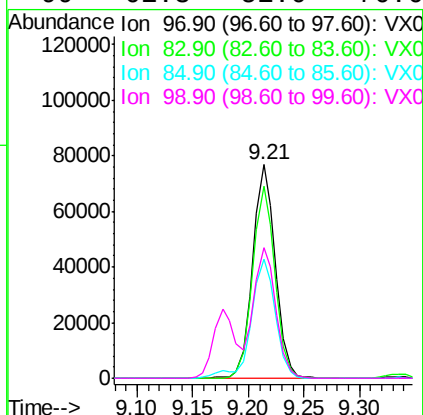
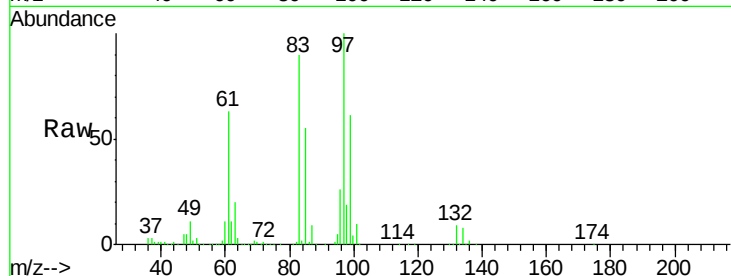




#55
 1,1,2-Trichloroethane
 Concen: 49.843 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

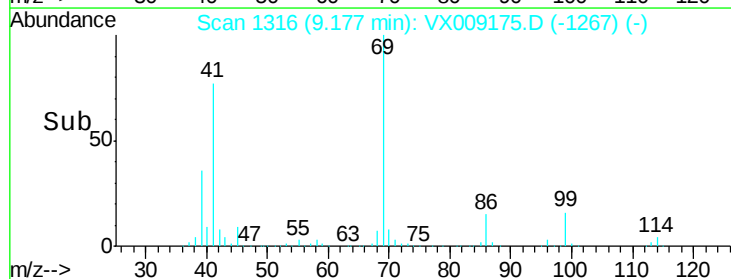
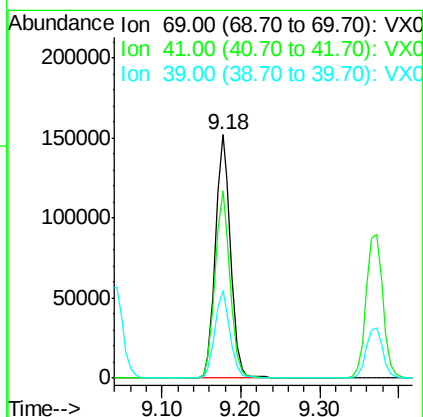
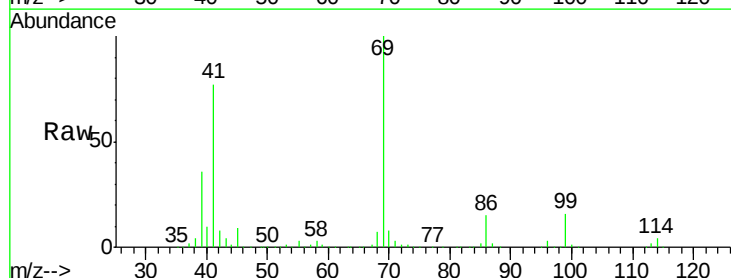
Instrument :
 MSVOA_X
 ClientSampled :

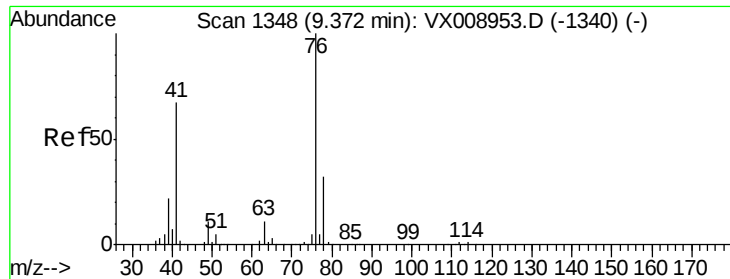
Tot Ion: 97 Resp: 108932
 Ion Ratio Lower Upper
 97 100
 83 89.8 72.6 108.8
 85 55.4 46.9 70.3
 99 61.3 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 51.963 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion: 69 Resp: 203631
 Ion Ratio Lower Upper
 69 100
 41 76.1 60.2 90.2
 39 35.7 27.9 41.9





#57

1,3-Dichloropropane

Concen: 49.495 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

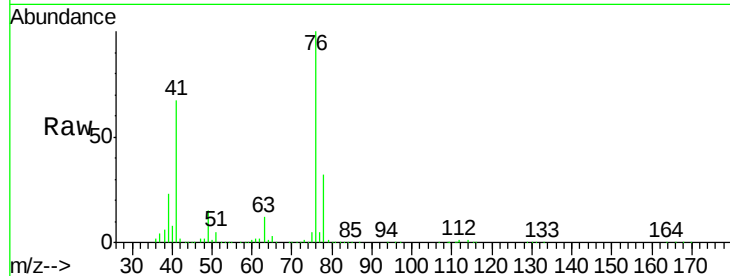
ClientSampleId :

Tot Ion: 76 Resp: 192597

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

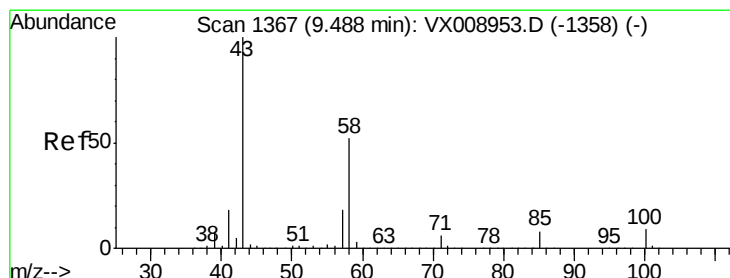
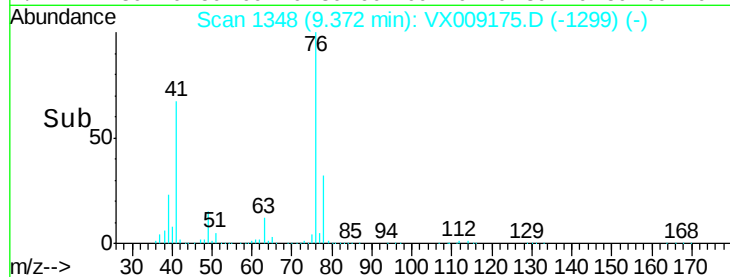
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 281.348 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009175.D

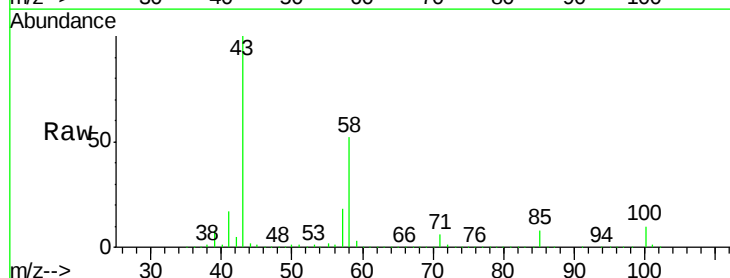
Acq: 25 Apr 2019 20:13

Tgt Ion: 43 Resp: 893752

Ion Ratio Lower Upper

43 100

58 51.2 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

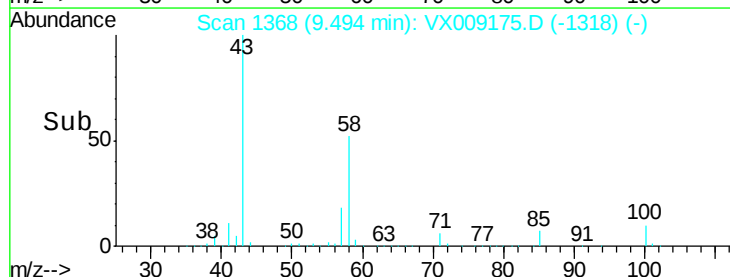
600000

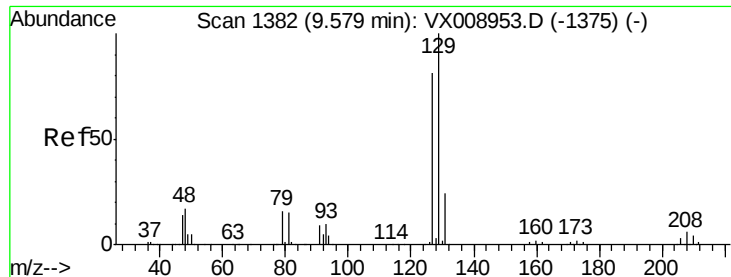
400000

200000

0

Time-->

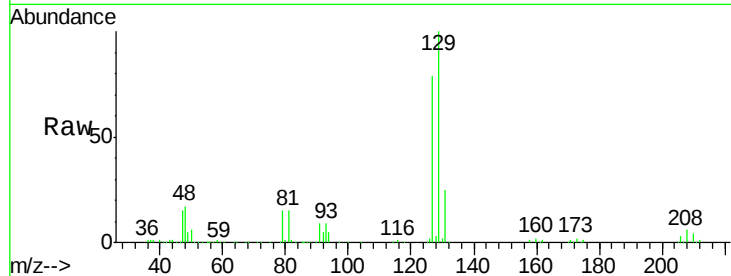




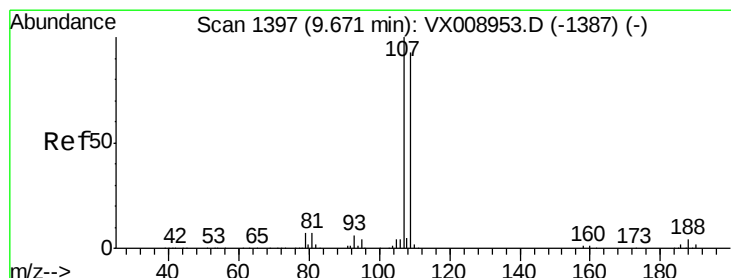
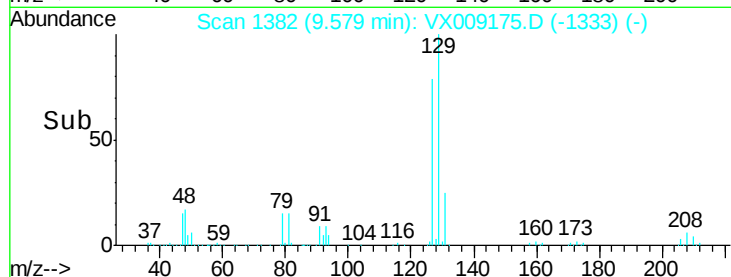
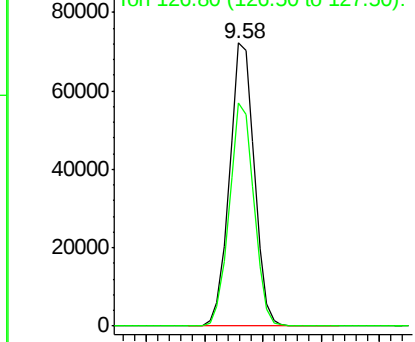
#60
 Dibromochloromethane
 Concen: 51.178 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:129 Resp: 107198
 Ion Ratio Lower Upper
 129 100
 127 77.9 39.1 117.2

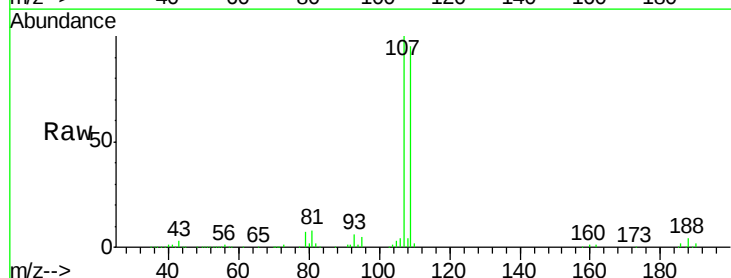


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

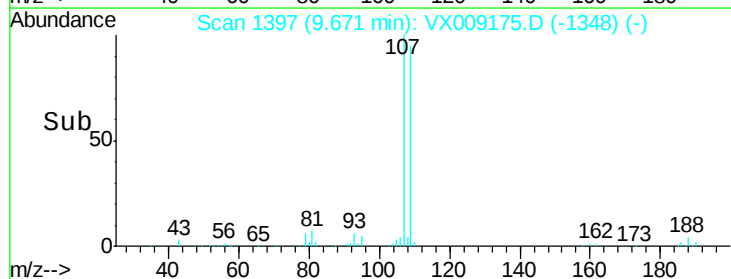
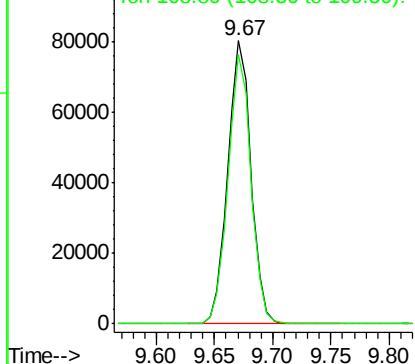


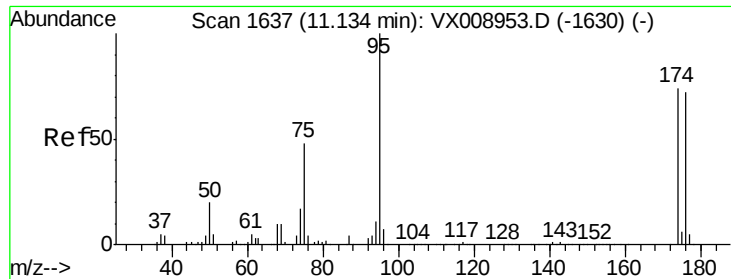
#61
 1,2-Dibromoethane
 Concen: 49.577 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion:107 Resp: 111827
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

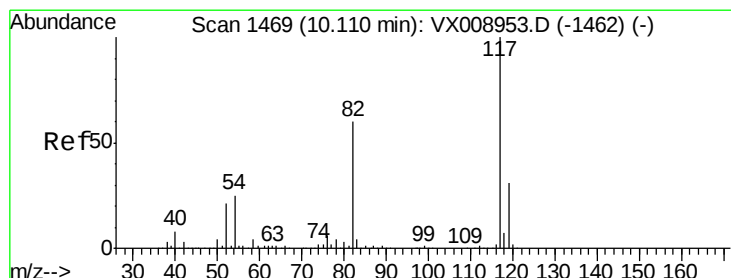
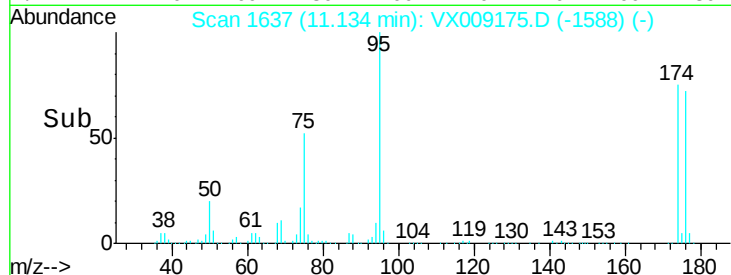
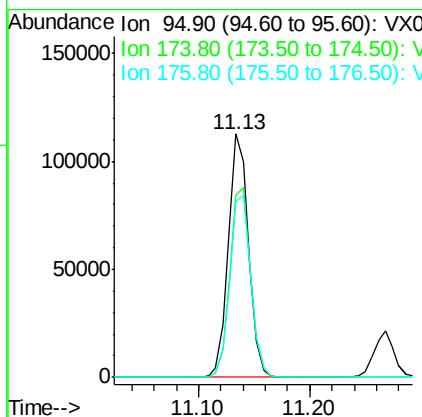
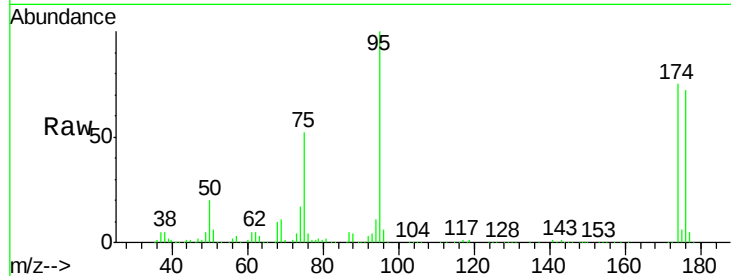




#62
4-Bromofluorobenzene
Concen: 51.667 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

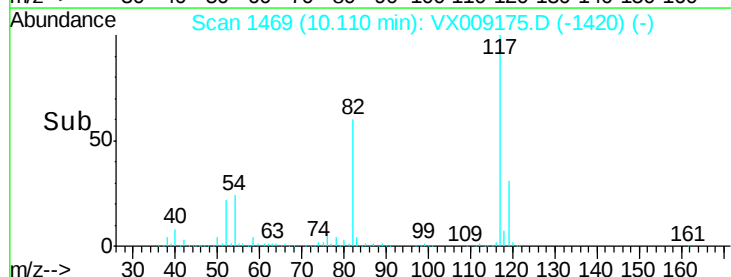
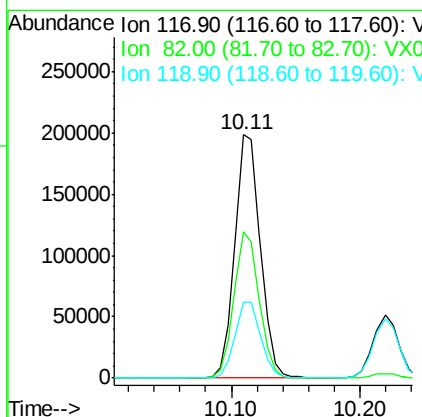
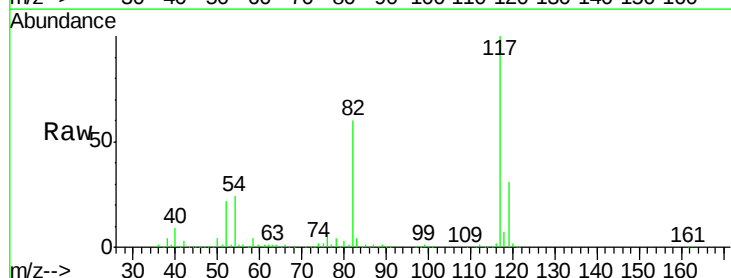
Instrument :
MSVOA_X
ClientSampled :

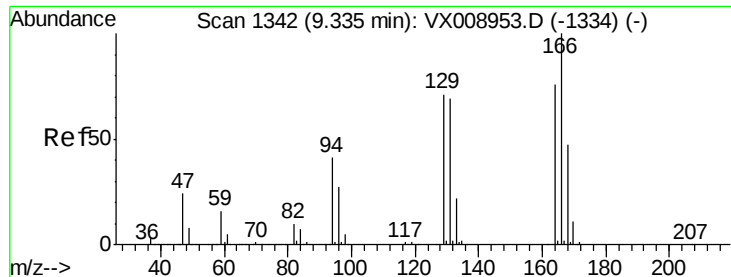
Tot Ion: 95 Resp: 140777
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.6
176 77.9 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion: 117 Resp: 275422
Ion Ratio Lower Upper
117 100
82 59.9 48.2 72.4
119 31.2 25.0 37.6

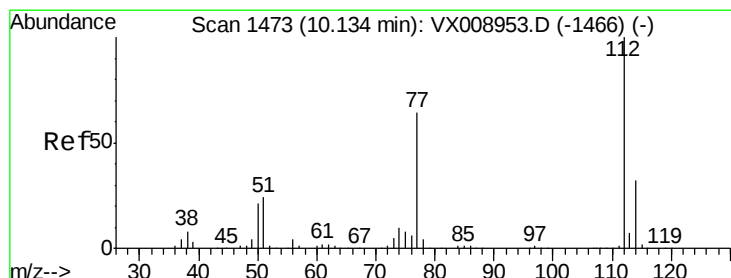
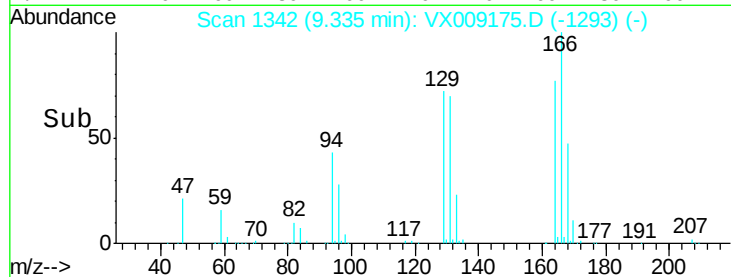
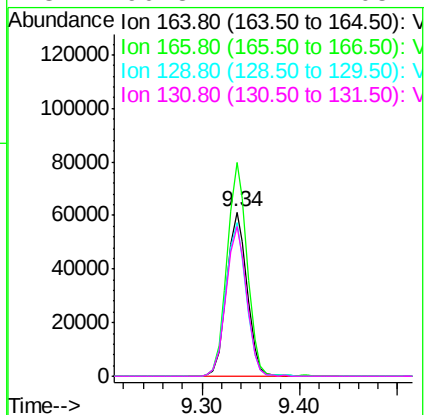
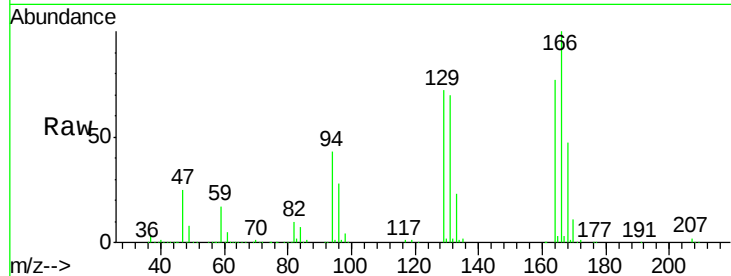




#64
Tetrachloroethene
Concen: 42.403 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

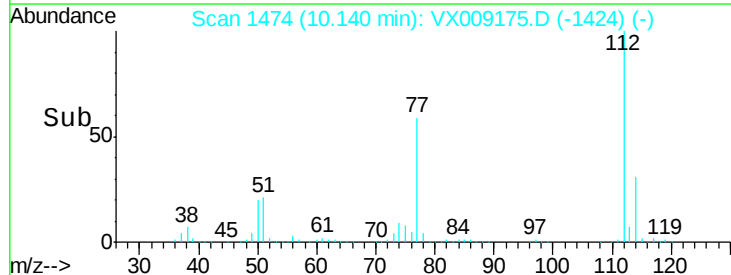
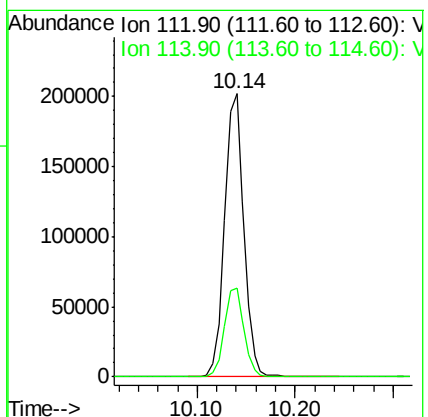
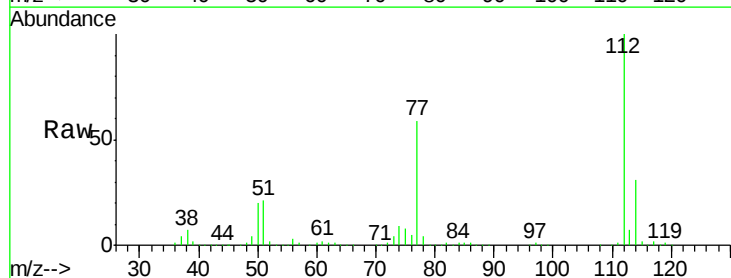
Instrument :
MSVOA_X
ClientSampleId :

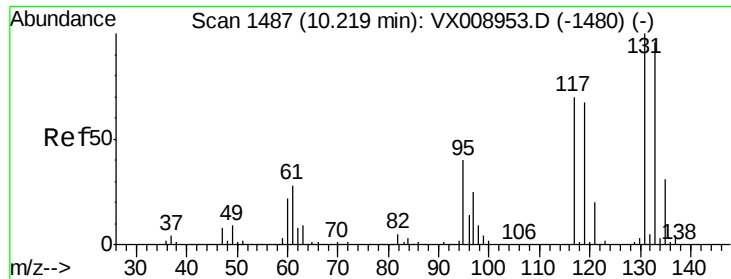
Tot Ion:164 Resp: 88722
Ion Ratio Lower Upper
164 100
166 129.9 105.0 157.4
129 93.4 74.2 111.4
131 90.8 72.2 108.2



#65
Chlorobenzene
Concen: 47.421 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion:112 Resp: 275680
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 48.522 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

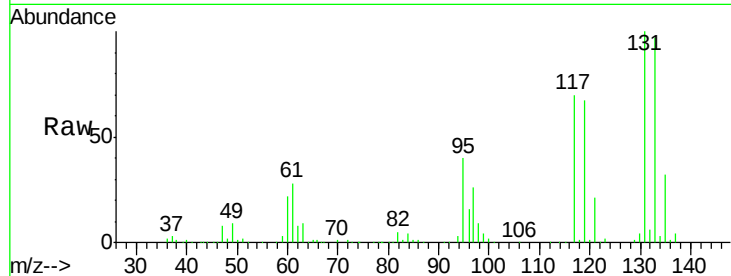
Tot Ion:131 Resp: 99372

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

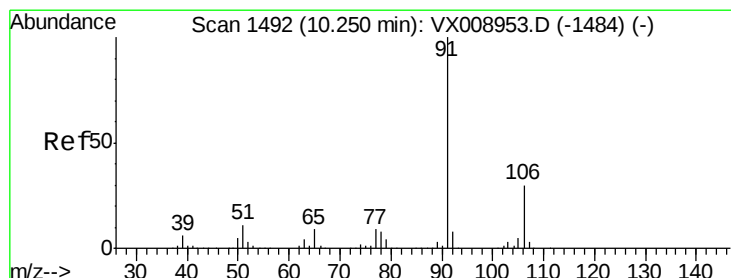
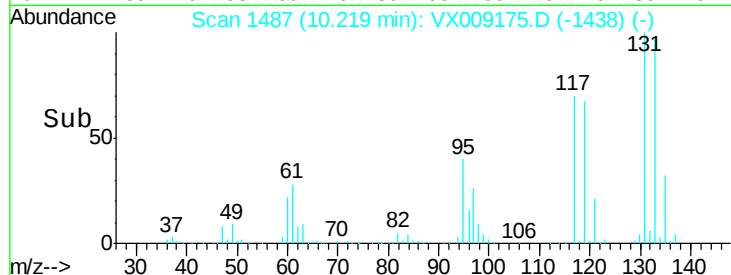
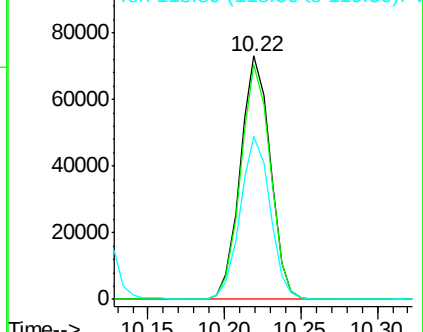
119 67.0 33.7 101.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 47.731 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009175.D

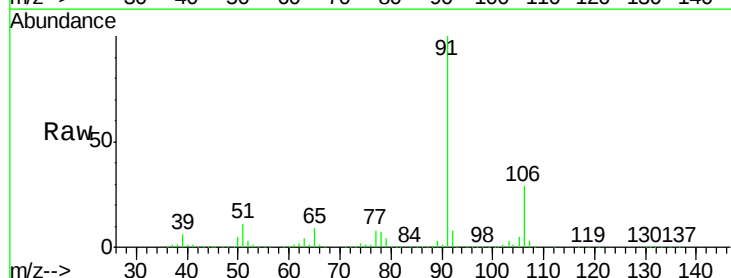
Acq: 25 Apr 2019 20:13

Tgt Ion: 91 Resp: 507240

Ion Ratio Lower Upper

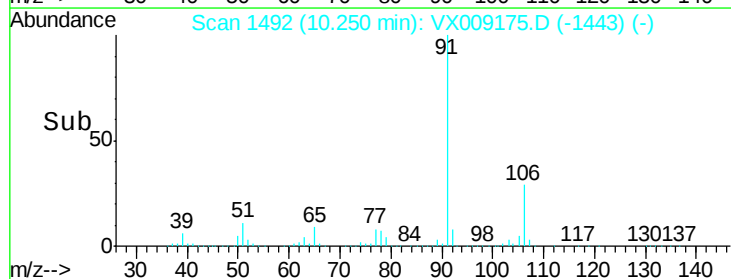
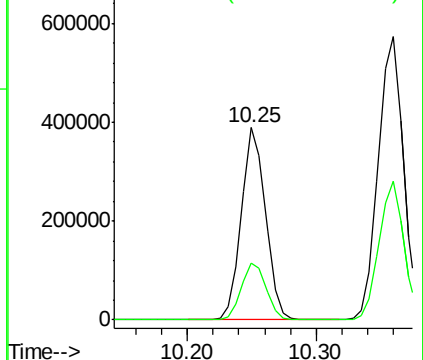
91 100

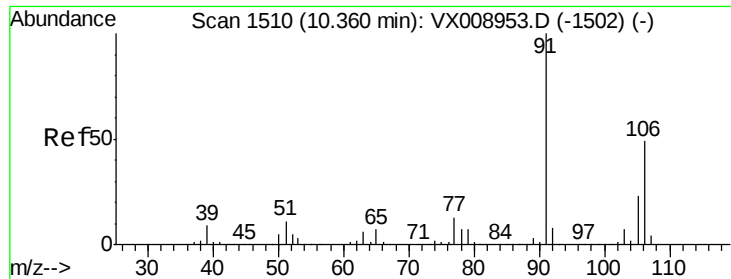
106 29.5 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

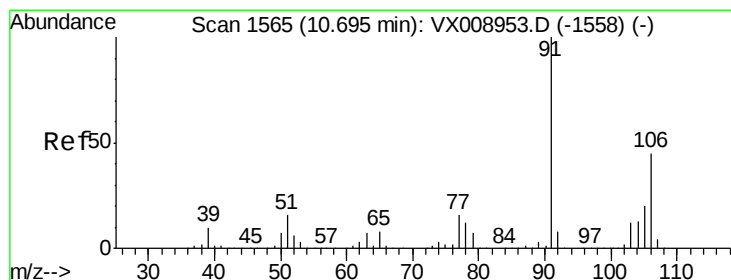
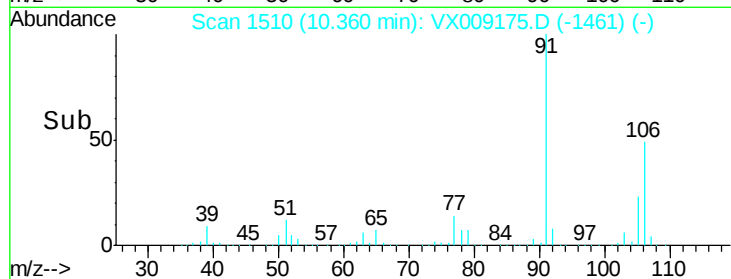
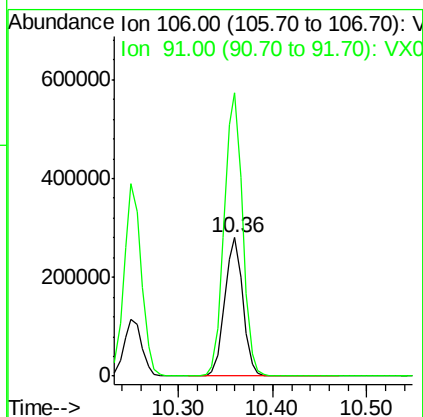
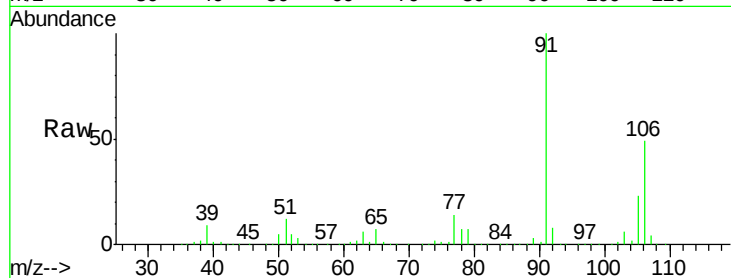




#68
m/p-Xvlenes
Concen: 96.382 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

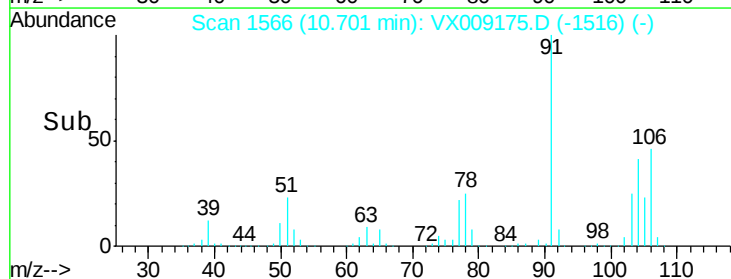
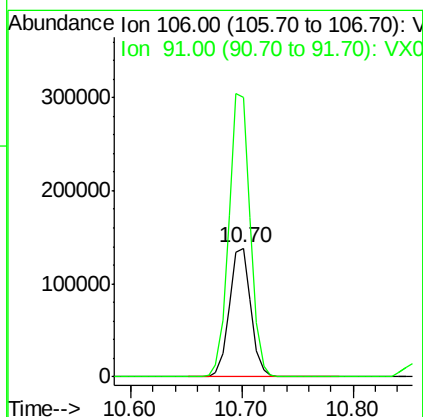
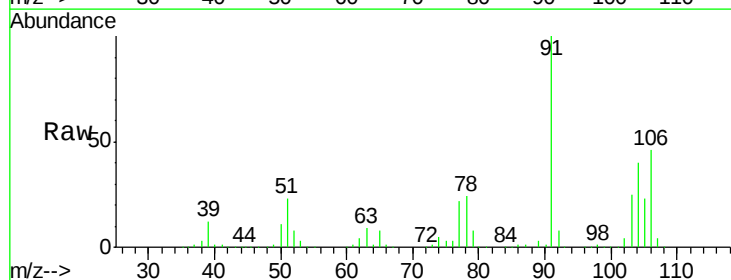
Instrument :
MSVOA_X
ClientSampleId :

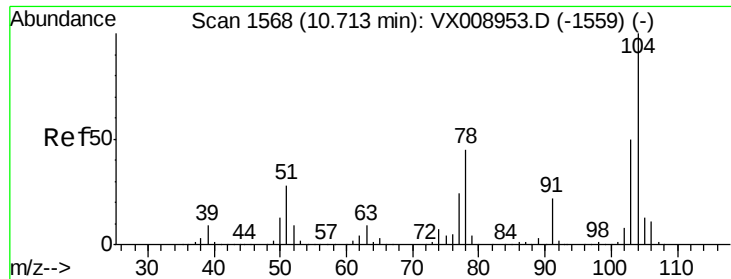
Tot Ion:106 Resp: 372245
Ion Ratio Lower Upper
106 100
91 207.8 165.4 248.2



#69
o-Xylene
Concen: 48.853 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion:106 Resp: 183587
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.7





#70

Stvrene

Concen: 49.204 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

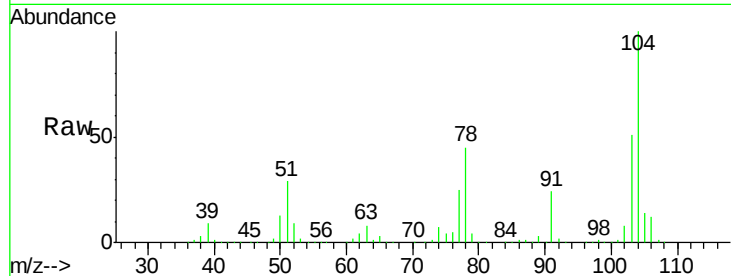
Tot Ion:104 Resp: 320426

Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

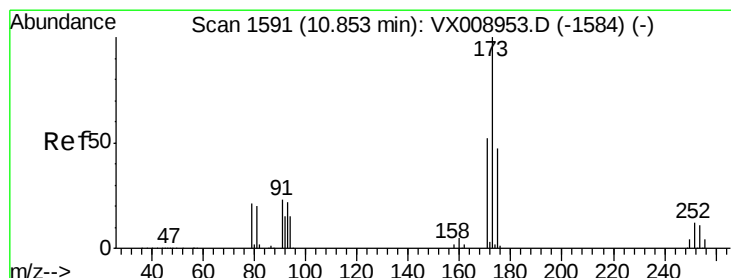
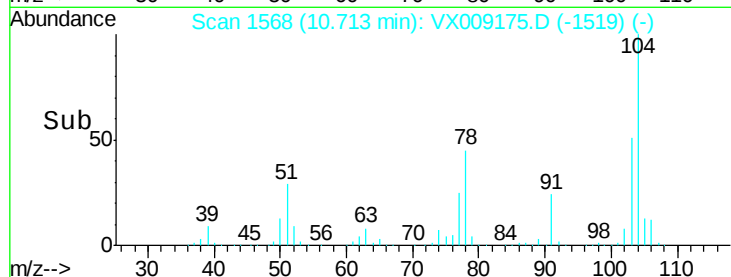
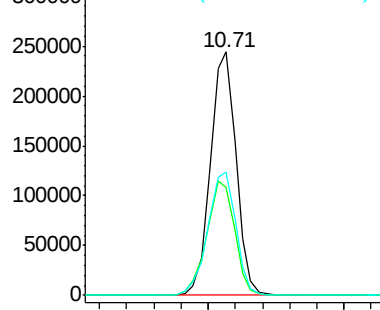
103 55.6 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.888 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

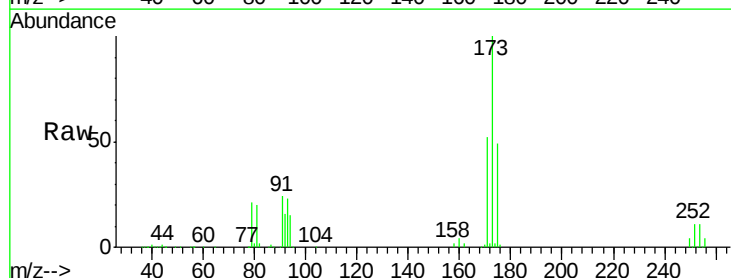
Tgt Ion:173 Resp: 83028

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

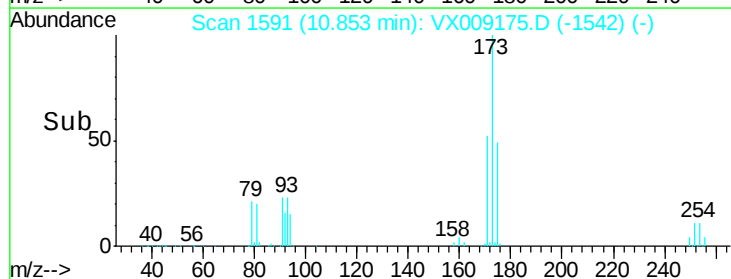
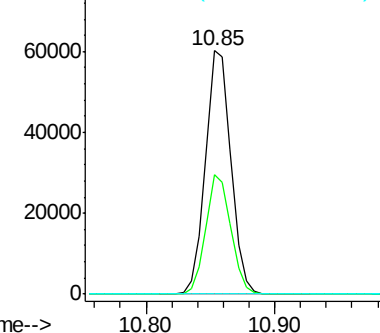
254 0.1 0.2 0.4#

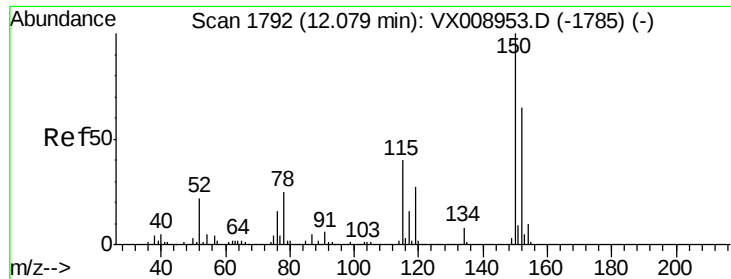


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

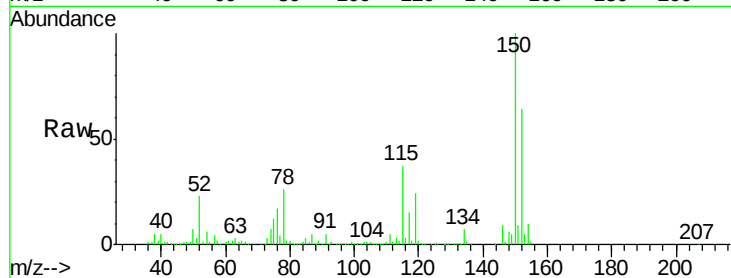
Tot Ion:152 Resp: 132939

Ion Ratio Lower Upper

152 100

115 82.0 41.4 124.2

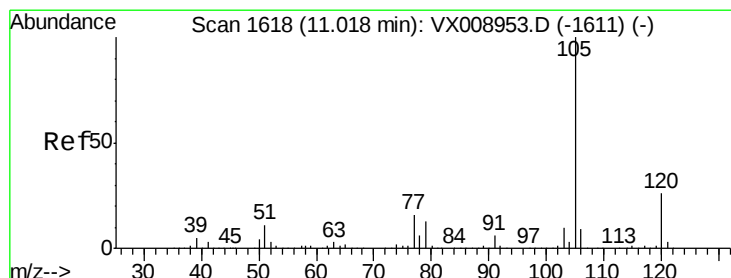
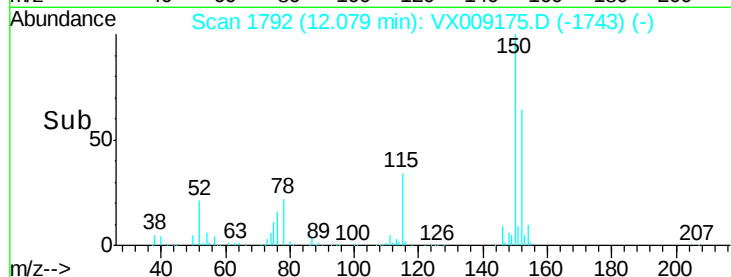
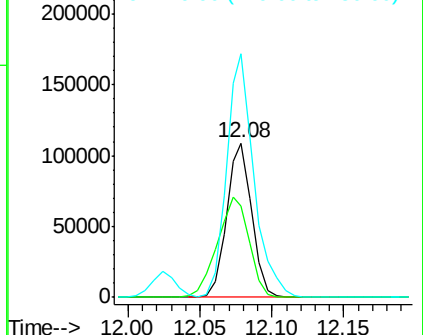
150 171.6 0.0 349.8



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: 48.113 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009175.D

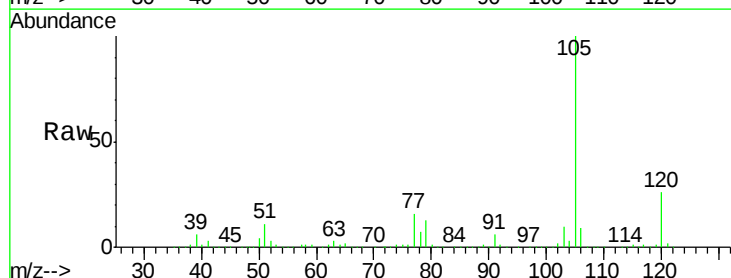
Acq: 25 Apr 2019 20:13

Tgt Ion:105 Resp: 484820

Ion Ratio Lower Upper

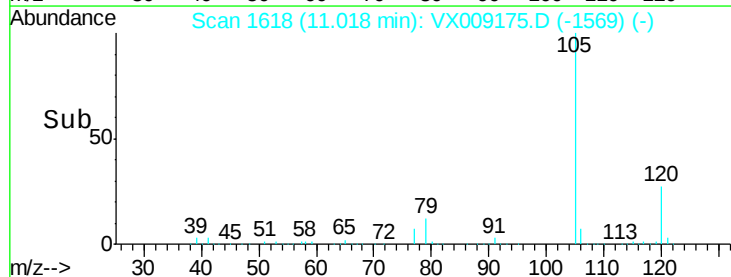
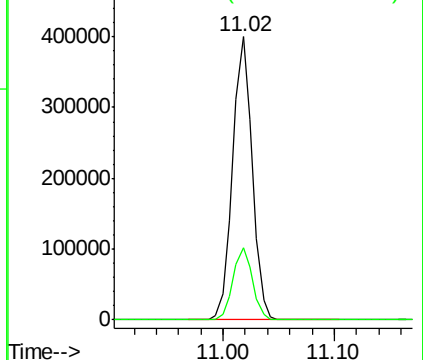
105 100

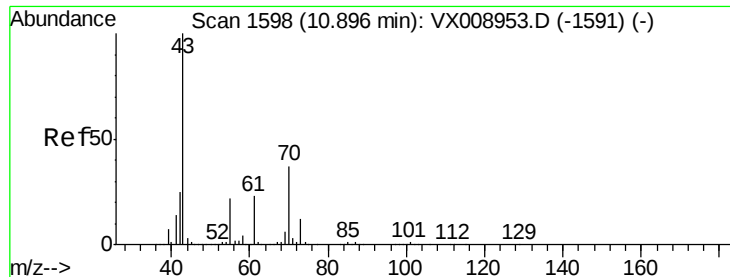
120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.559 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 263592

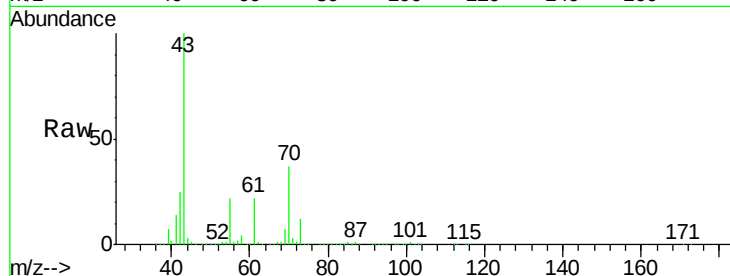
Ion	Ratio	Lower	Upper
43	100		
70	37.1	29.9	44.9
55	22.4	17.8	26.8
61	22.5	18.3	27.5

43 100

70 37.1 29.9 44.9

55 22.4 17.8 26.8

61 22.5 18.3 27.5

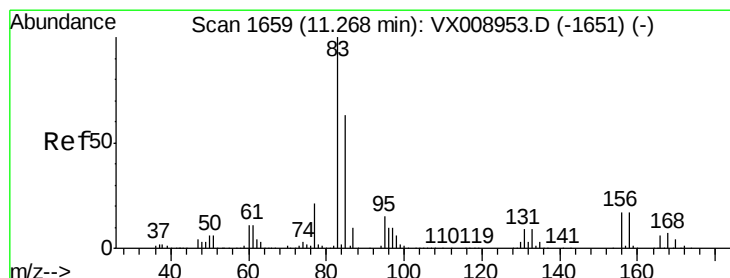
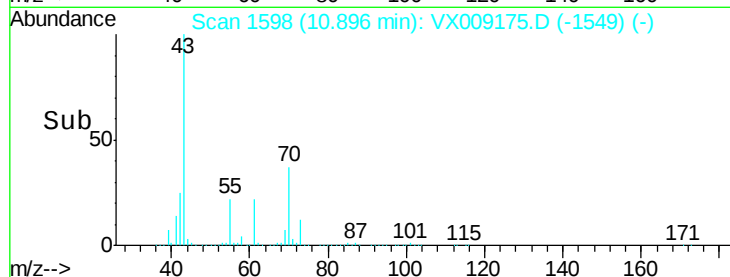
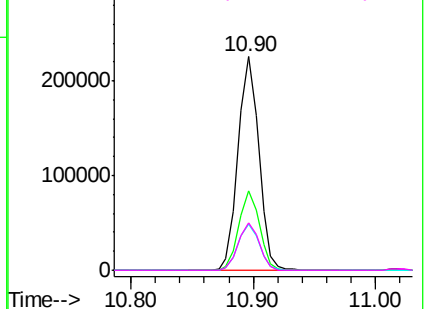


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.647 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

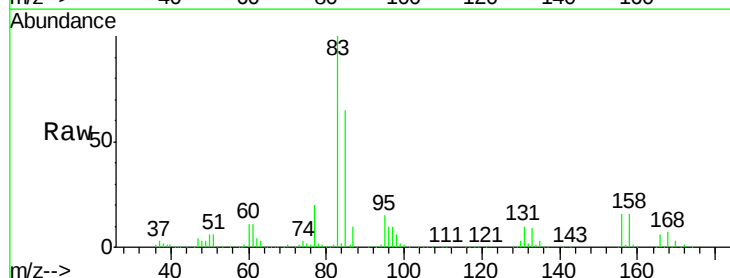
Tgt Ion: 83 Resp: 186472

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	64.0	31.9	95.9

83 100

131 9.4 4.7 14.0

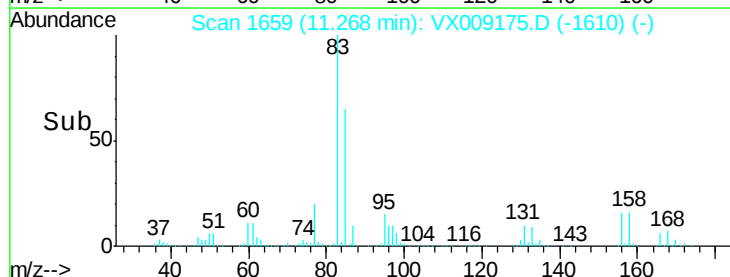
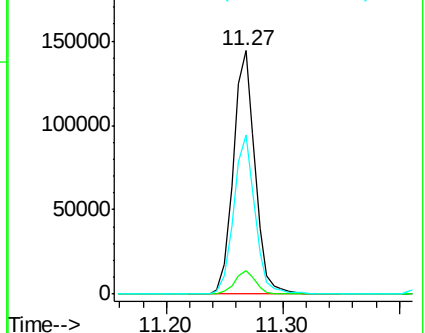
85 64.0 31.9 95.9

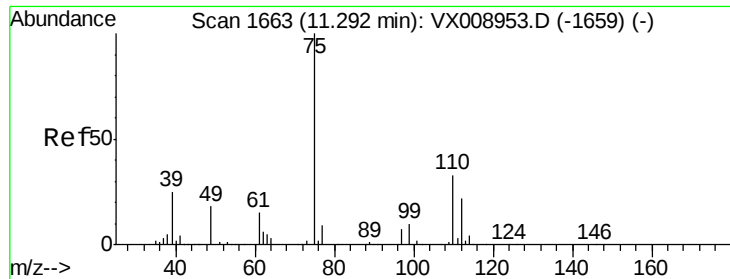


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

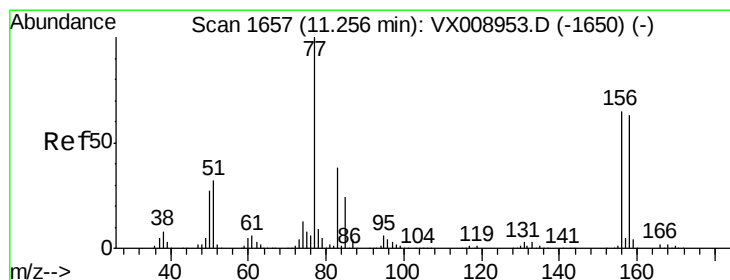
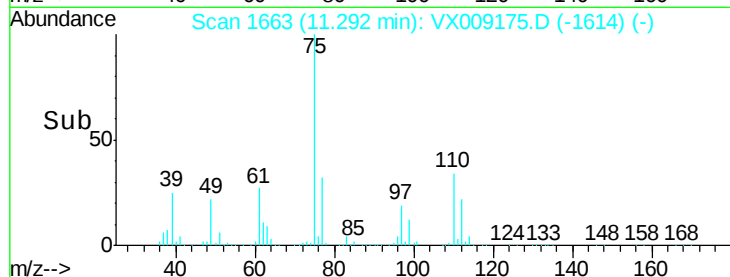
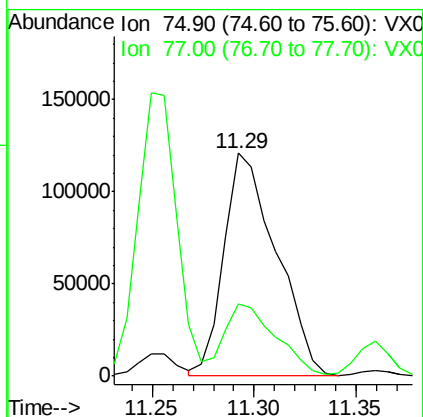
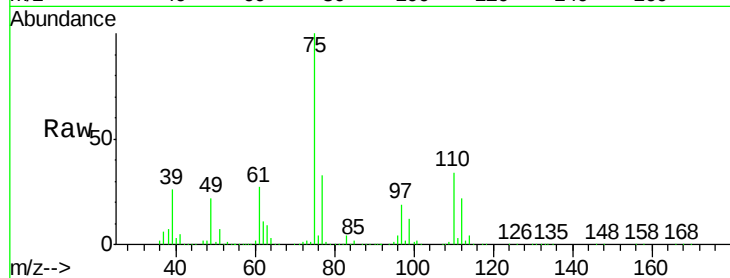




#76
 1,2,3-Trichloropropane
 Concen: 65.728 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

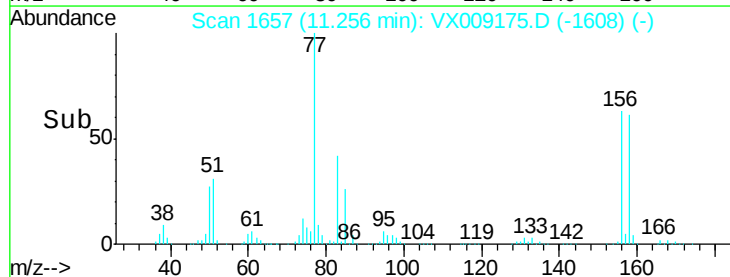
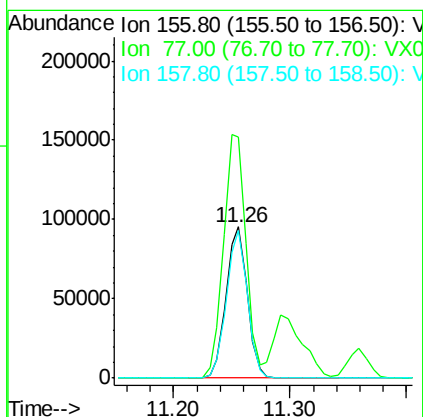
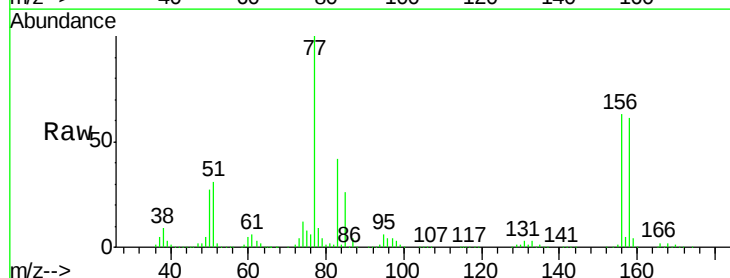
Instrument :
 MSVOA_X
 ClientSampleId :

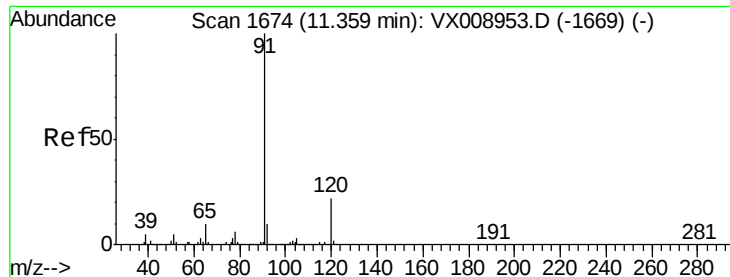
Tot Ion: 75 Resp: 213361
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.7 68.0



#77
 Bromobenzene
 Concen: 47.232 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion: 156 Resp: 120083
 Ion Ratio Lower Upper
 156 100
 77 169.5 85.4 256.1
 158 96.9 48.8 146.4





#78

n-propylbenzene

Concen: 48.422 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

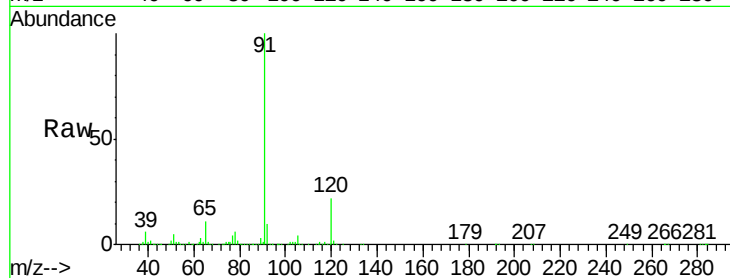
ClientSampled :

Tot Ion: 91 Resp: 560035

Ion Ratio Lower Upper

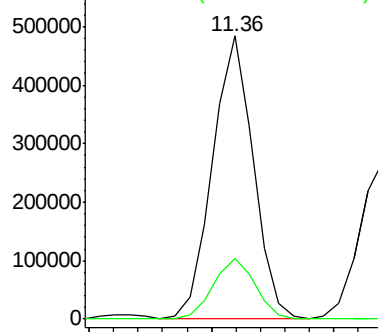
91 100

120 22.0 10.9 32.9

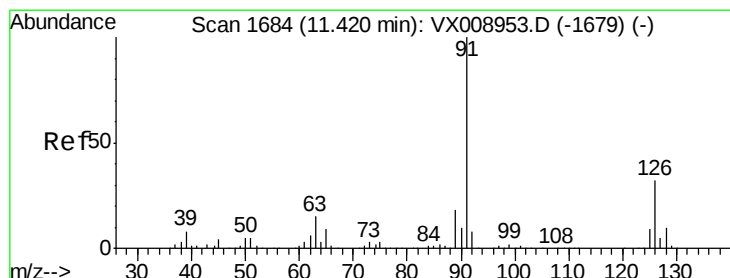
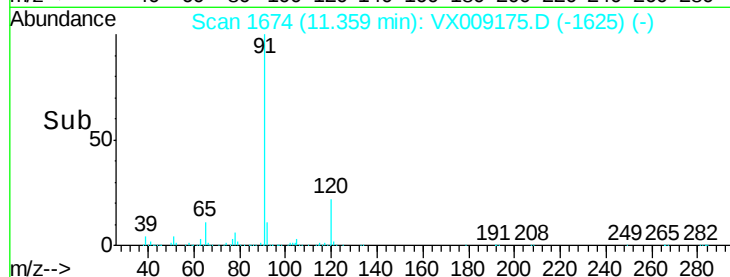


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 48.002 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009175.D

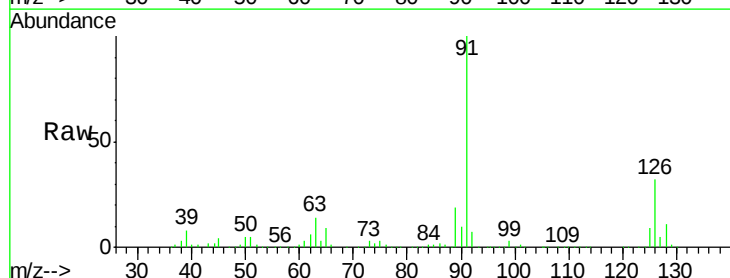
Acq: 25 Apr 2019 20:13

Tgt Ion: 91 Resp: 334548

Ion Ratio Lower Upper

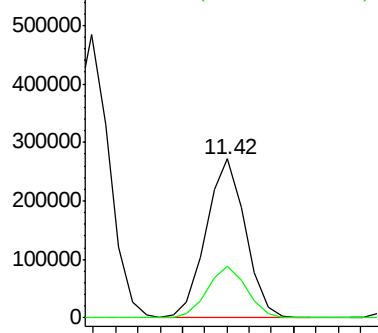
91 100

126 32.5 16.3 48.9

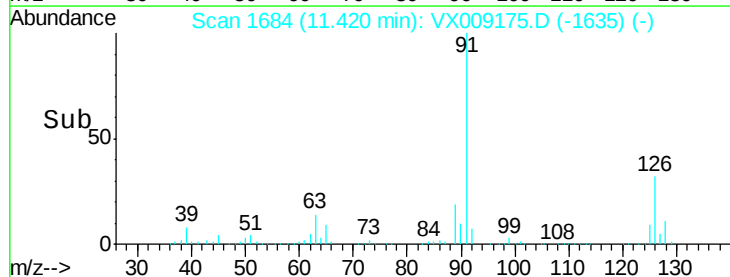


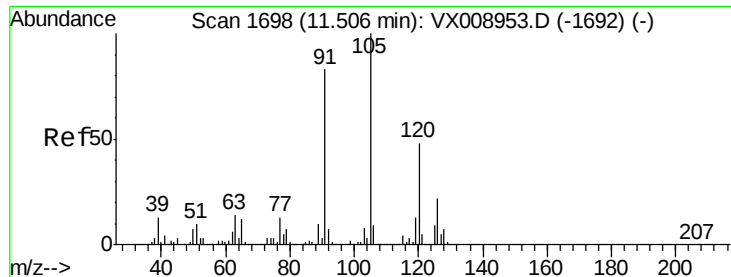
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45





#80

1,3,5-Trimethylbenzene

Concen: 48.425 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

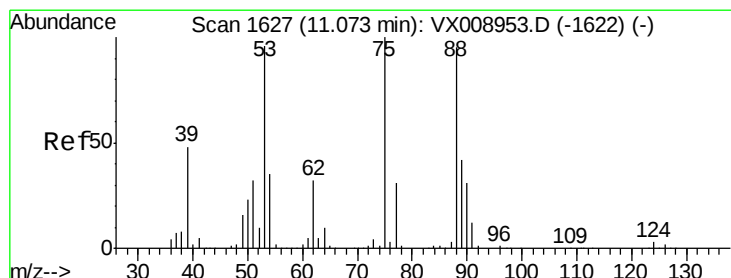
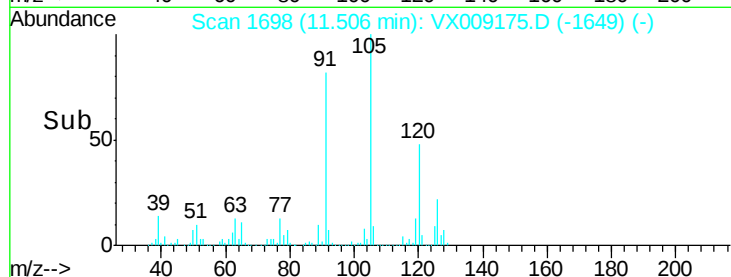
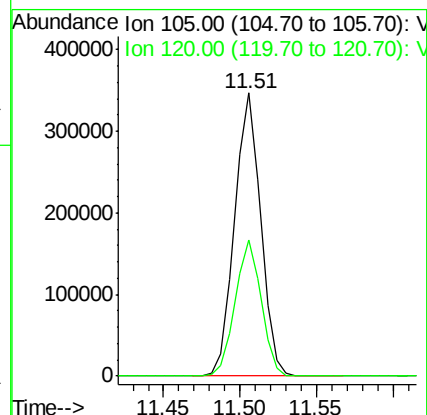
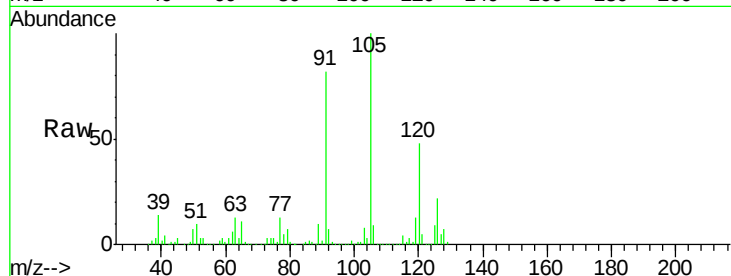
ClientSampled :

Tot Ion:105 Resp: 409479

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 46.245 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

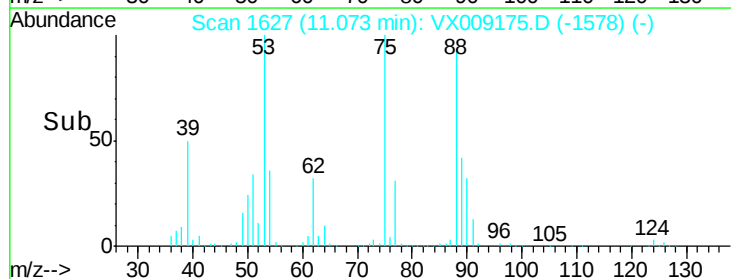
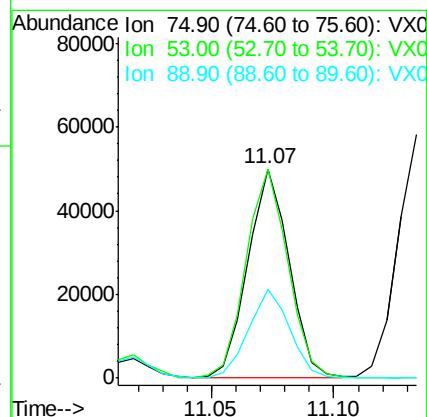
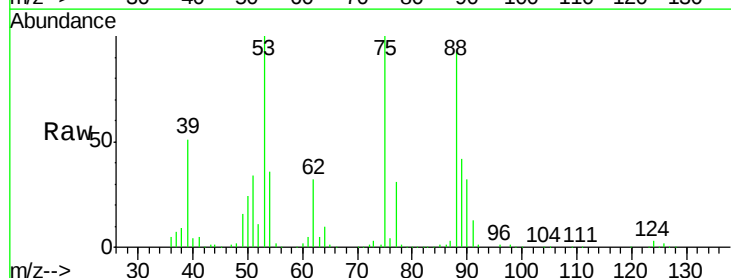
Tgt Ion: 75 Resp: 58473

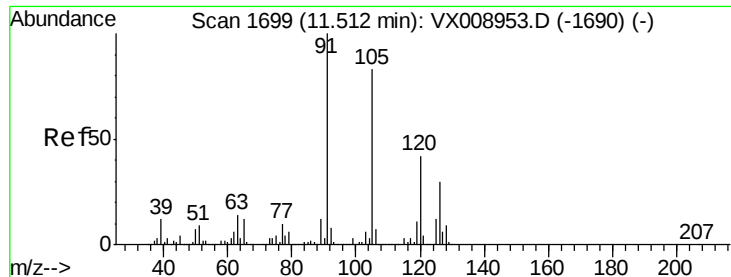
Ion Ratio Lower Upper

75 100

53 101.9 78.2 117.4

89 42.8 36.0 54.0

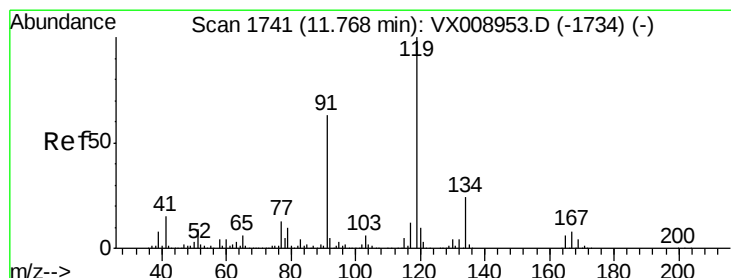
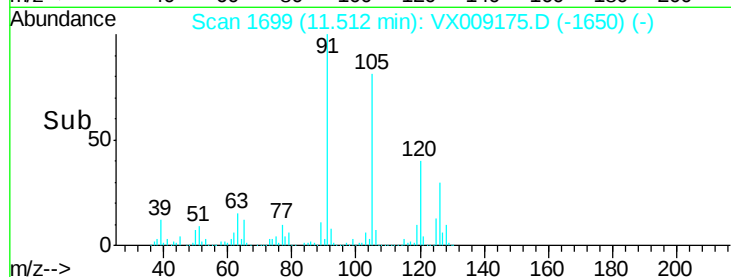
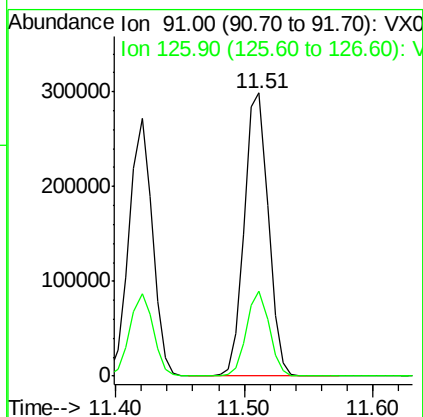
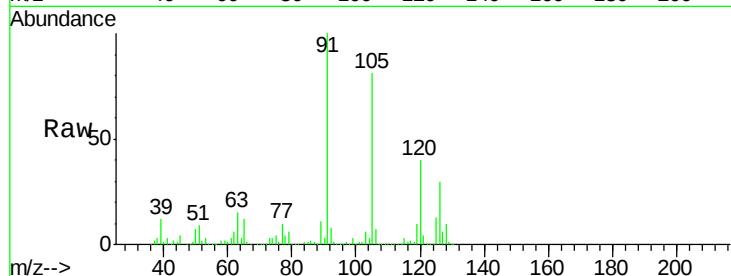




#82
4-Chlorotoluene
Concen: 47.405 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

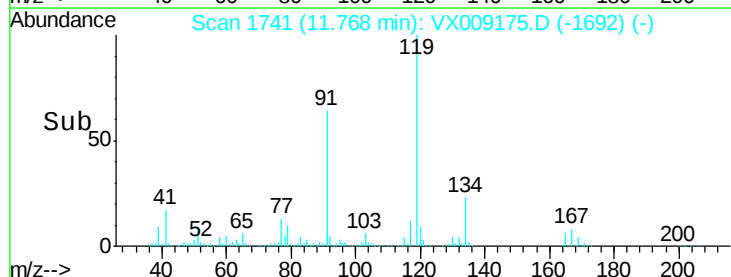
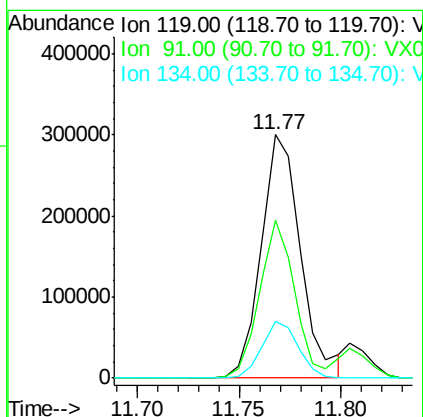
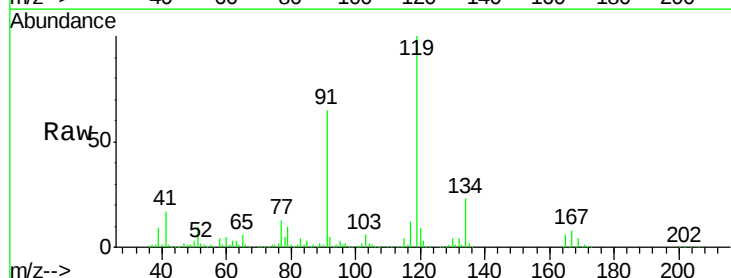
Instrument :
MSVOA_X
ClientSampleId :

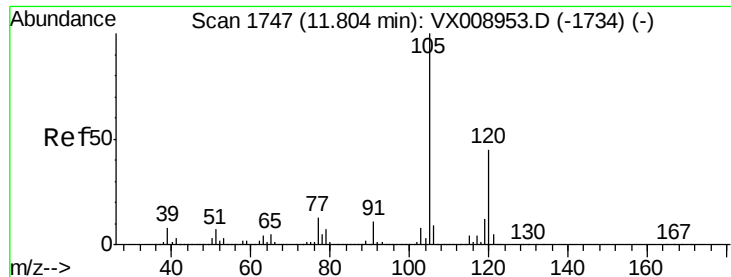
Tot Ion: 91 Resp: 383706
Ion Ratio Lower Upper
91 100
126 28.6 14.3 42.9



#83
tert-Butylbenzene
Concen: 49.765 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion: 119 Resp: 404015
Ion Ratio Lower Upper
119 100
91 57.8 29.7 89.1
134 21.7 11.2 33.5

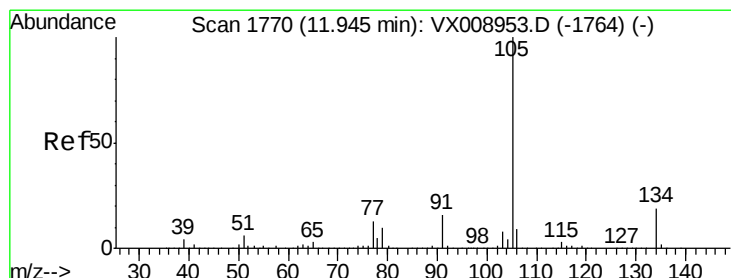
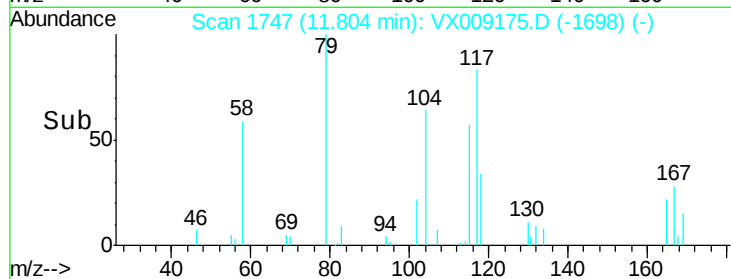
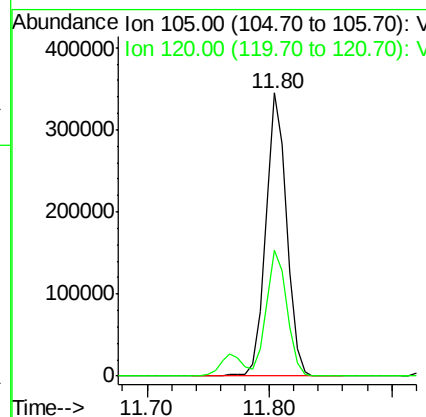
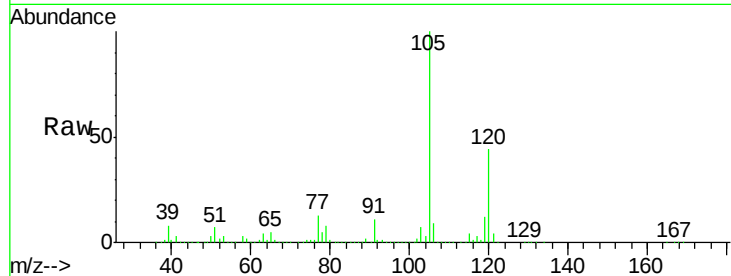




#84
 1,2,4-Trimethylbenzene
 Concen: 47.820 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

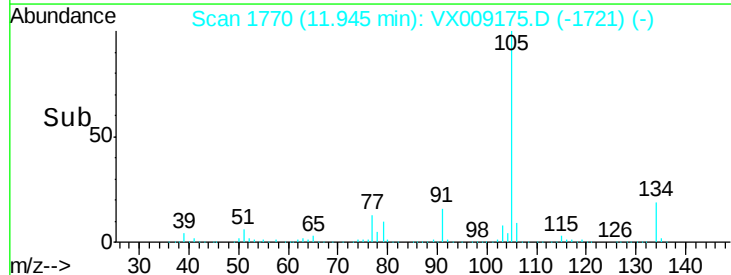
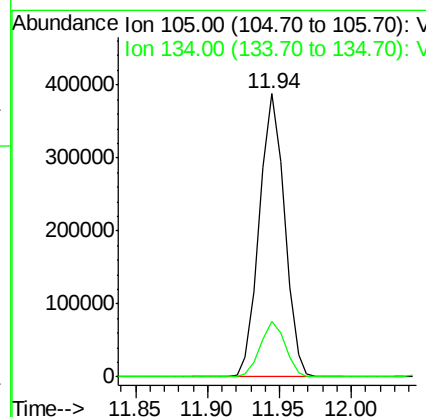
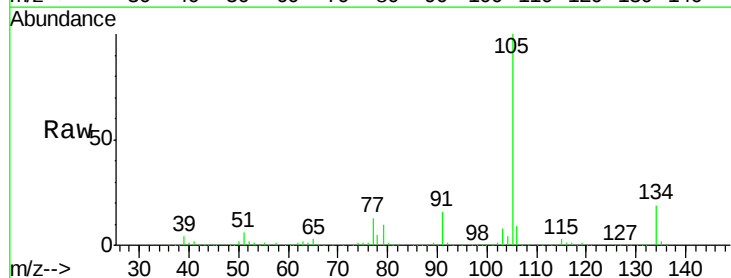
Instrument :
 MSVOA_X
 ClientSampleId :

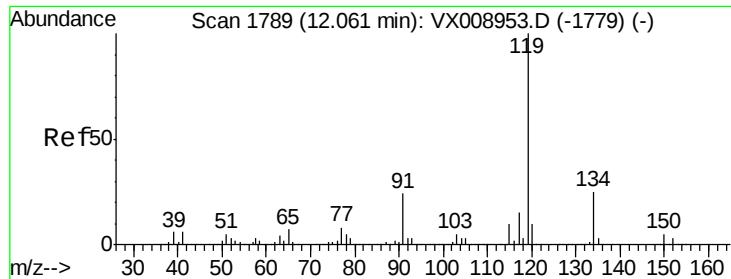
Tot Ion:105 Resp: 411607
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 48.146 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion:105 Resp: 466174
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

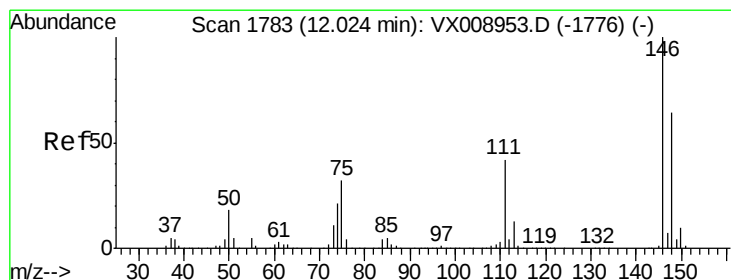
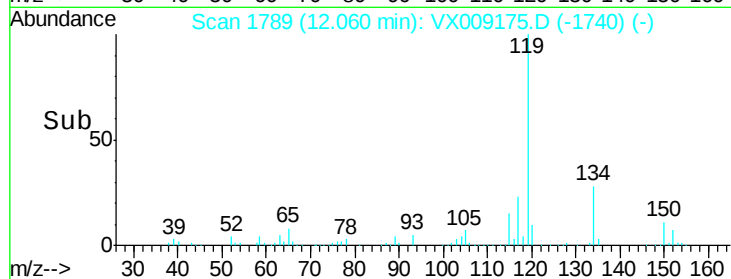
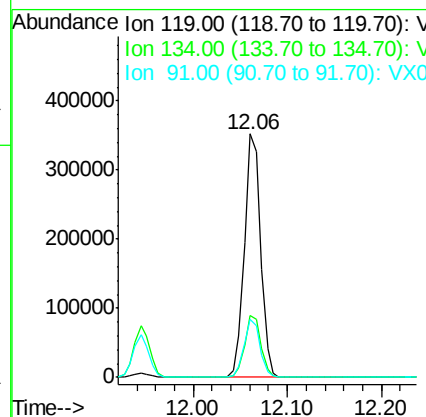
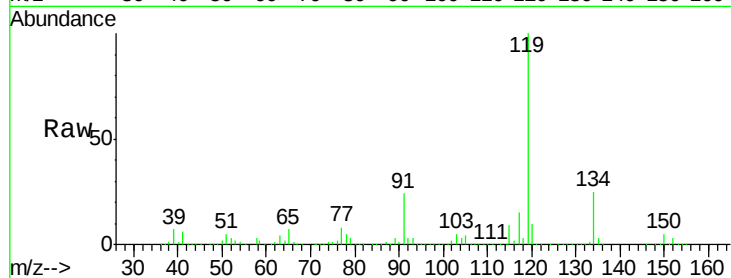




#86
 p-Isopropyltoluene
 Concen: 47.333 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

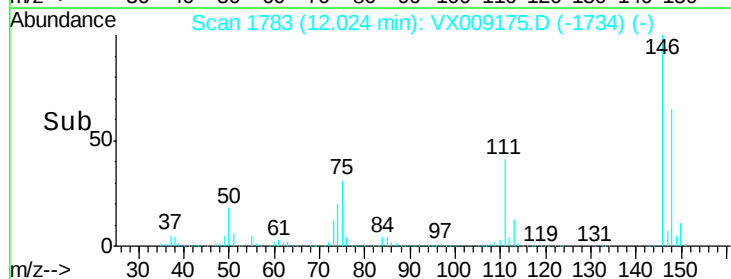
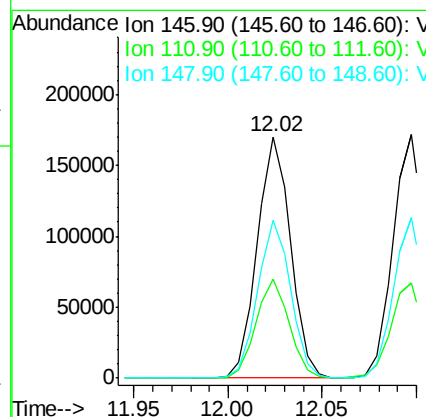
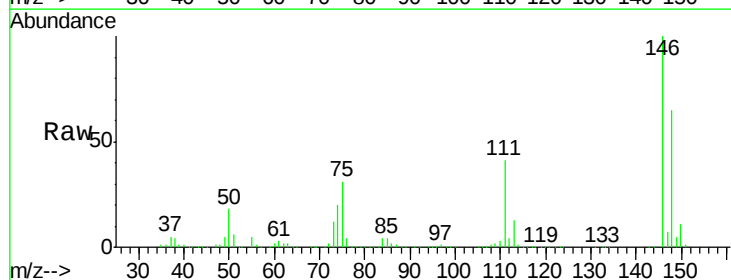
Instrument :
 MSVOA_X
 ClientSampled :

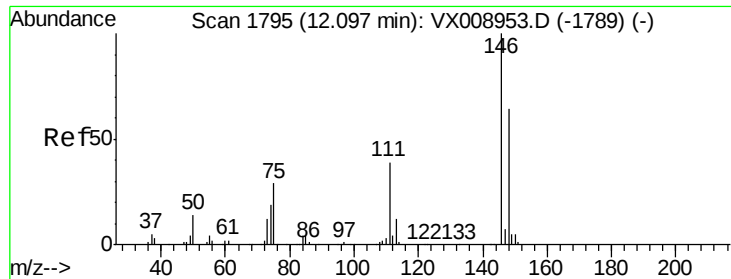
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.6
91	23.6	11.9	35.5



#87
 1,3-Dichlorobenzene
 Concen: 46.933 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.6	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 46.341 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampled :

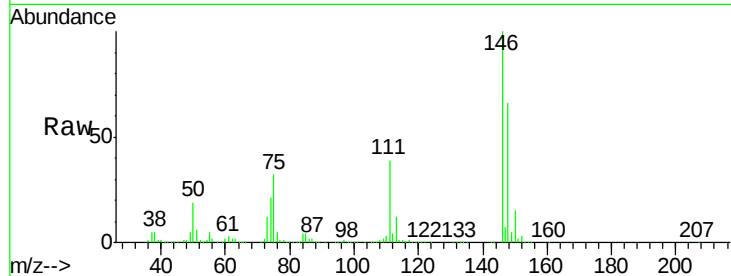
Tot Ion:146 Resp: 209036

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

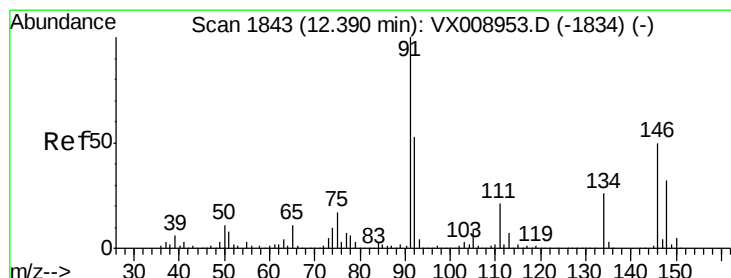
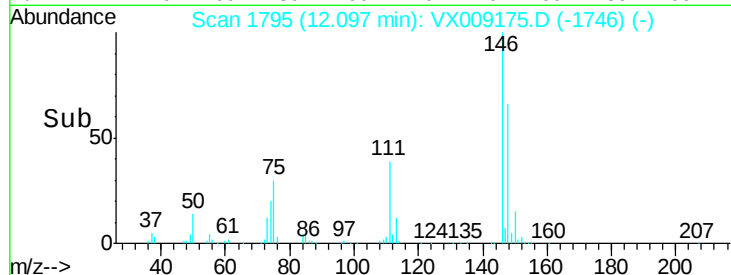
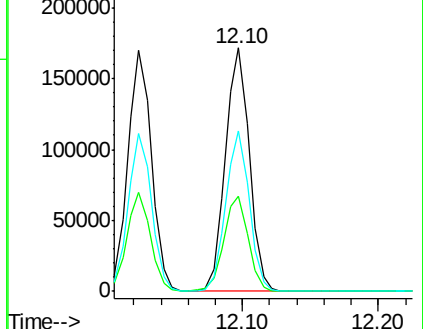
148 64.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 45.561 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

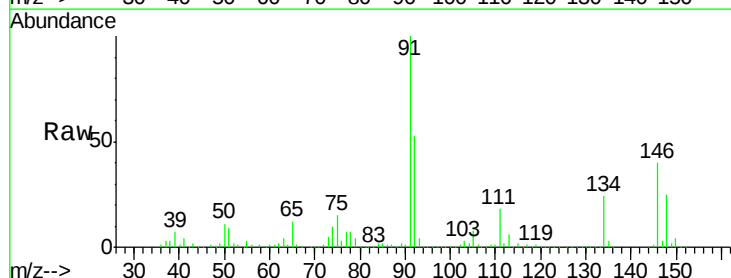
Tgt Ion: 91 Resp: 377718

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.8

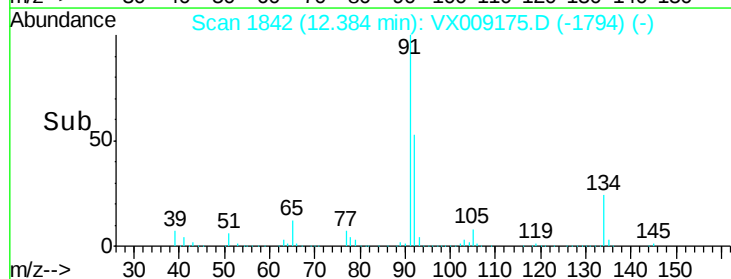
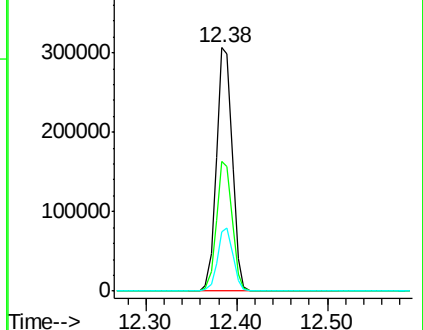
134 25.0 12.4 37.2

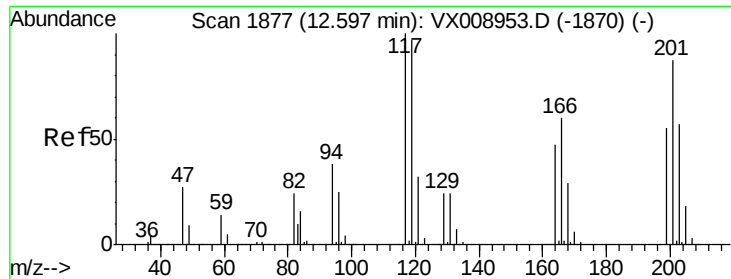


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

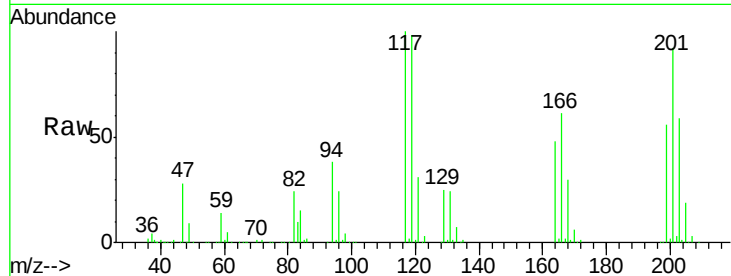




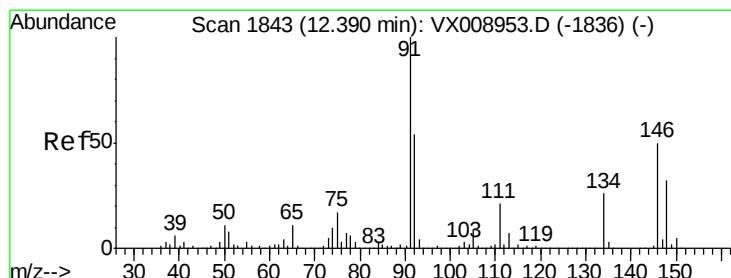
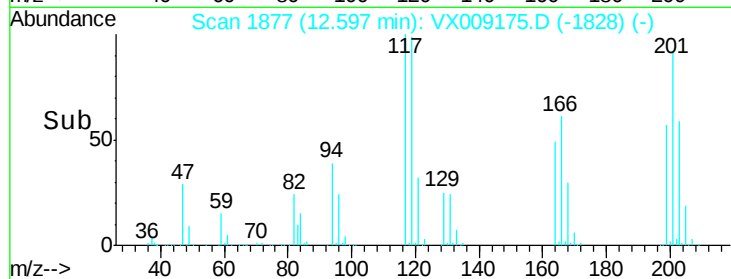
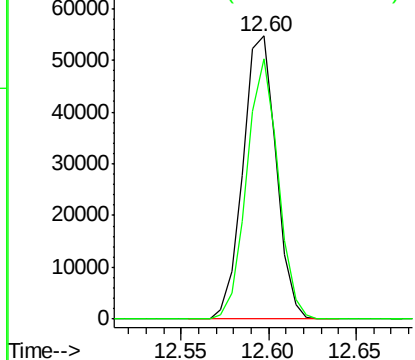
#90
Hexachloroethane
Concen: 49.109 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 72112
Ion Ratio Lower Upper
117 100
201 86.9 43.0 129.0

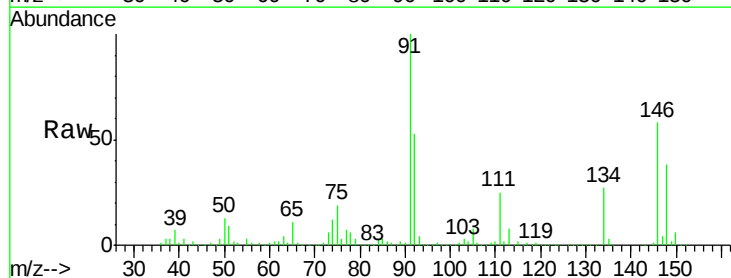


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

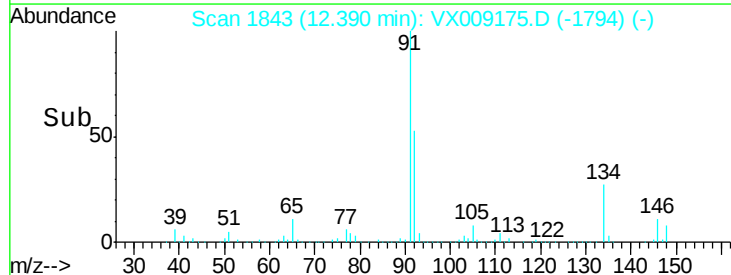
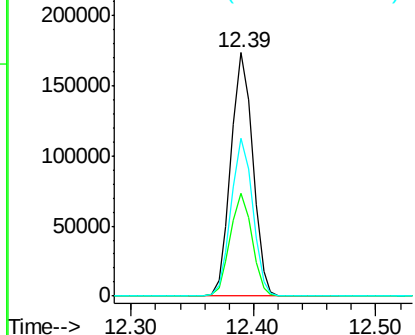


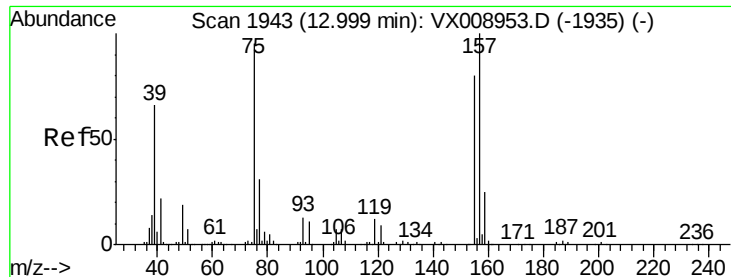
#91
1,2-Dichlorobenzene
Concen: 48.876 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009175.D
Acq: 25 Apr 2019 20:13

Tgt Ion:146 Resp: 214764
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.9
148 64.0 32.0 96.2



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.597 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

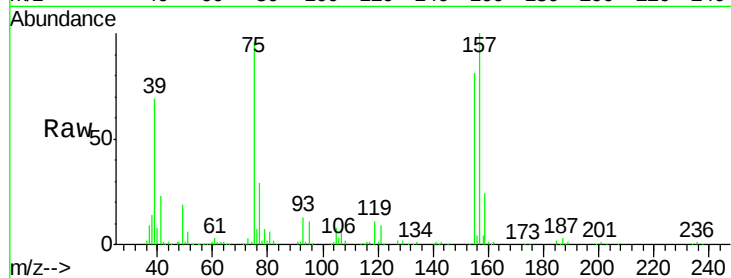
Tot Ion: 75 Resp: 44091

Ion	Ratio	Lower	Upper
75	100		
155	81.7	41.2	123.6
157	105.0	52.5	157.6

75 100

155 81.7 41.2 123.6

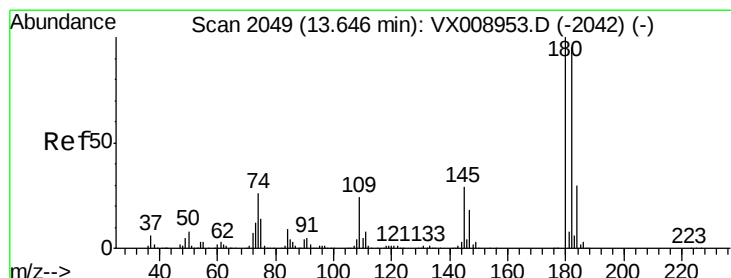
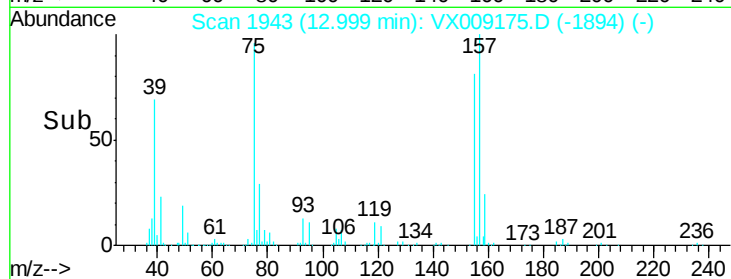
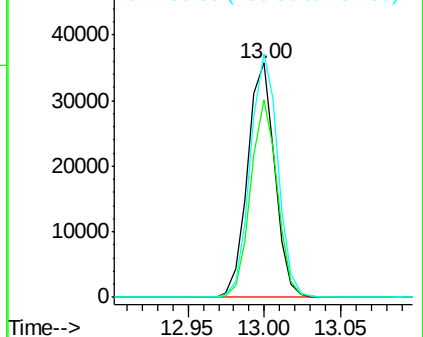
157 105.0 52.5 157.6



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.740 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

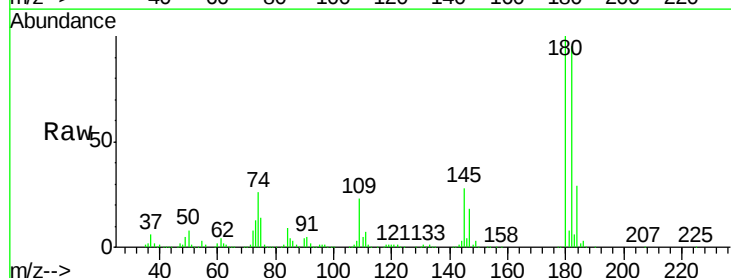
Tgt Ion:180 Resp: 148254

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.9
145	29.5	14.8	44.4

180 100

182 95.2 47.6 142.9

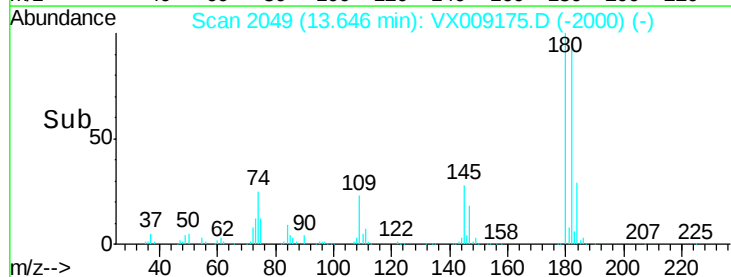
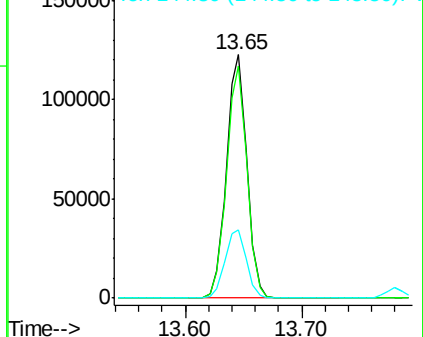
145 29.5 14.8 44.4

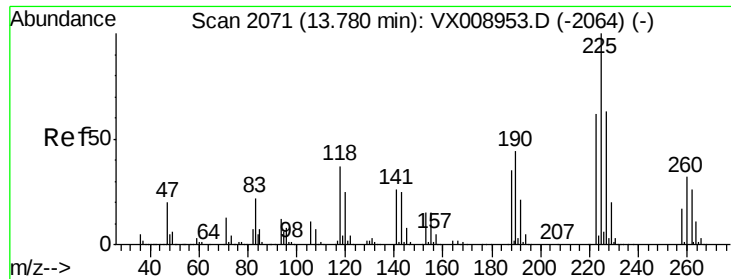


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.923 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

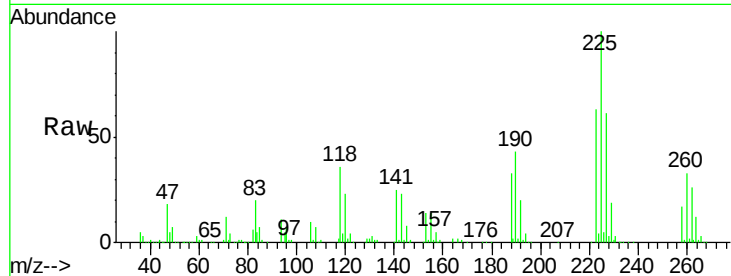
Tot Ion:225 Resp: 72649

Ion Ratio Lower Upper

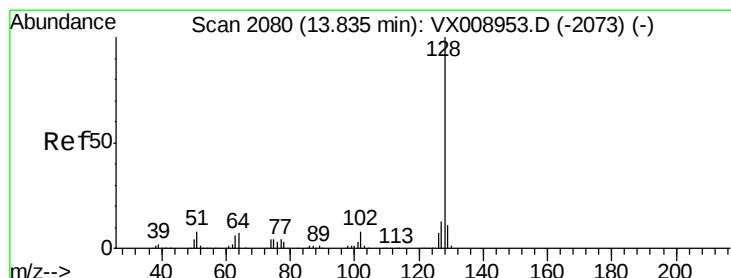
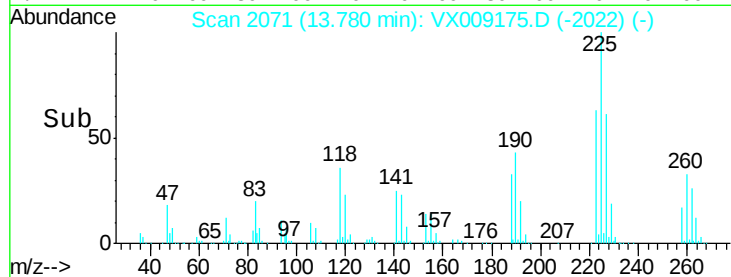
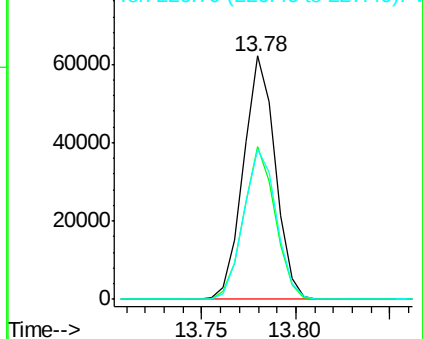
225 100

223 62.0 31.1 93.2

227 63.4 32.0 96.2



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



#95

Naphthalene

Concen: 50.299 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009175.D

Acq: 25 Apr 2019 20:13

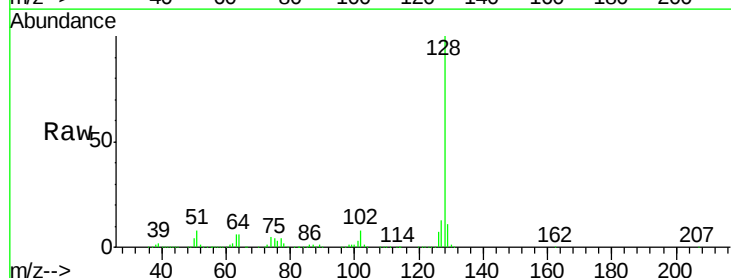
Tgt Ion:128 Resp: 511143

Ion Ratio Lower Upper

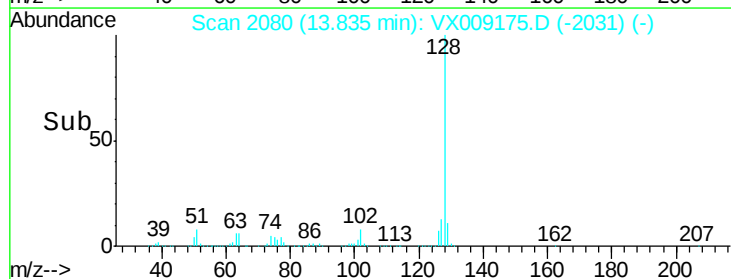
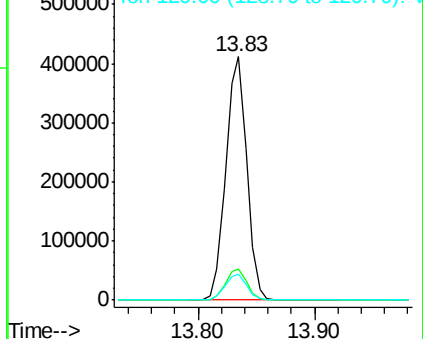
128 100

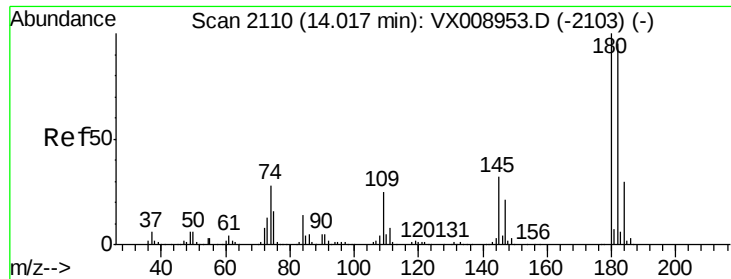
127 13.1 10.6 16.0

129 11.0 8.6 13.0



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

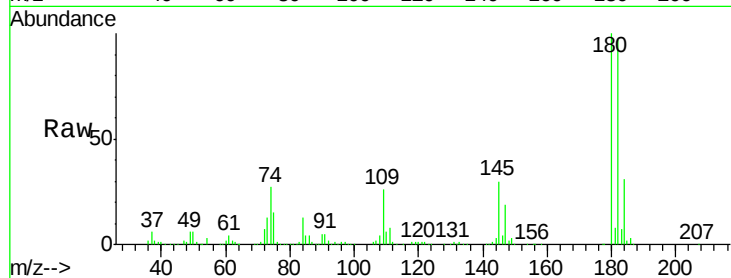




#96
 1,2,3-Trichlorobenzene
 Concen: 47.934 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009175.D
 Acq: 25 Apr 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	30.8	15.8	47.3



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

