

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011339.D
 Acq On : 05 Aug 2019 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:41:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	158316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	233125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120954	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	79489	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
35) Dibromofluoromethane	5.49	113	72989	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	273340	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.13	95	100913	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	55551	45.432	ug/l	100
3) Chloromethane	1.32	50	61596	44.859	ug/l	99
4) Vinyl Chloride	1.40	62	69025	45.700	ug/l	100
5) Bromomethane	1.63	94	44060	40.902	ug/l	100
6) Chloroethane	1.71	64	47456	50.792	ug/l	96
7) Trichlorofluoromethane	1.92	101	127192	47.361	ug/l	97
8) Diethyl Ether	2.18	74	43239	45.090	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66761	45.944	ug/l	99
10) Methyl Iodide	2.50	142	84374	46.056	ug/l	99
11) Tert butyl alcohol	3.04	59	78571	247.140	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65622	45.557	ug/l	95
13) Acrolein	2.29	56	44695	226.178	ug/l	98
14) Allyl chloride	2.72	41	95815	49.897	ug/l	98
15) Acrylonitrile	3.14	53	192322	253.500	ug/l	99
16) Acetone	2.44	43	159456	210.123	ug/l	99
17) Carbon Disulfide	2.56	76	156329	46.249	ug/l	99
18) Methyl Acetate	2.77	43	88287	50.909	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	210742	49.647	ug/l	99
20) Methylene Chloride	2.85	84	75849	45.638	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	70808	46.471	ug/l	94
22) Diisopropyl ether	3.85	45	208560	49.417	ug/l	99
23) Vinyl Acetate	3.81	43	915555	261.553	ug/l	99
24) 1,1-Dichloroethane	3.69	63	118791	47.734	ug/l	99
25) 2-Butanone	4.67	43	262118	242.816	ug/l	97
26) 2,2-Dichloropropane	4.58	77	85568	44.232	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	82389	46.944	ug/l	99
28) Bromochloromethane	5.01	49	55946	49.312	ug/l	98
29) Tetrahydrofuran	5.12	42	167822	253.550	ug/l	99
30) Chloroform	5.20	83	130840	48.373	ug/l	98
31) Cyclohexane	5.57	56	96068	46.790	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	114138	49.260	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94039	46.202	ug/l	99
37) Ethyl Acetate	4.83	43	102494	50.201	ug/l	99
38) Carbon Tetrachloride	5.78	117	100565	49.110	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107726	44.651	ug/l	96
40) Benzene	6.13	78	290220	47.782	ug/l	98
41) Methacrylonitrile	5.04	41	53415	47.906	ug/l	97
42) 1,2-Dichloroethane	6.18	62	101938	49.633	ug/l	98
43) Isopropyl Acetate	6.44	43	161617	49.513	ug/l	100
44) Trichloroethene	7.21	130	85254	46.373	ug/l	96
45) 1,2-Dichloropropane	7.51	63	74028	47.062	ug/l	99
46) Dibromomethane	7.66	93	53858	46.902	ug/l	96
47) Bromodichloromethane	7.90	83	100124	51.499	ug/l	98
48) Methyl methacrylate	7.77	41	80289	52.266	ug/l	98
49) 1,4-Dioxane	7.73	88	40297	904.854	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	549299	260.757	ug/l	99
52) Toluene	8.78	92	195386	48.654	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104844	46.515	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	115407	50.816	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	81928	49.620	ug/l	98
56) Ethyl methacrylate	9.18	69	119959	50.983	ug/l	98
57) 1,3-Dichloropropane	9.37	76	126783	48.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	288436	249.314	ug/l	100
59) 2-Hexanone	9.49	43	426511	261.397	ug/l	98
60) Dibromochloromethane	9.58	129	86782	51.337	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88243	49.467	ug/l	99
64) Tetrachloroethene	9.34	164	77398	41.060	ug/l	99
65) Chlorobenzene	10.13	112	220023	46.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	81890	50.260	ug/l	98
67) Ethyl Benzene	10.25	91	378529	47.491	ug/l	97
68) m/p-Xylenes	10.36	106	295242	95.765	ug/l	98
69) o-Xylene	10.69	106	144242	47.618	ug/l	99
70) Styrene	10.71	104	248487	49.577	ug/l	99
71) Bromoform	10.85	173	65983	45.559	ug/l	98
73) Isopropylbenzene	11.02	105	388414	46.953	ug/l	100
74) N-amyl acetate	10.90	43	152956	51.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132780	48.165	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	141890	64.416	ug/l	84
77) Bromobenzene	11.25	156	104821	45.696	ug/l	98
78) n-propylbenzene	11.36	91	435286	47.317	ug/l	99
79) 2-Chlorotoluene	11.42	91	257295	46.925	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	327601	47.308	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36060	44.283	ug/l	99
82) 4-Chlorotoluene	11.51	91	299421	46.856	ug/l	99
83) tert-Butylbenzene	11.77	119	325944	47.991	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	331219	48.040	ug/l	100
85) sec-Butylbenzene	11.94	105	384698	47.144	ug/l	100
86) p-Isopropyltoluene	12.06	119	355895	47.409	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187147	46.174	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189741	45.399	ug/l	98
89) n-Butylbenzene	12.38	91	303592	46.942	ug/l	99
90) Hexachloroethane	12.59	117	56477	50.887	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187433	46.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27948	52.327	ug/l	94

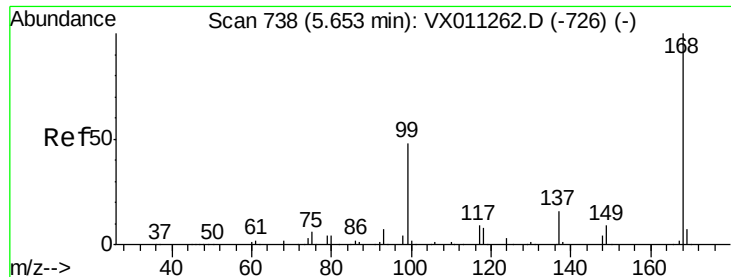
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126169	46.716	ug/l	100
94) Hexachlorobutadiene	13.78	225	63099	46.049	ug/l	99
95) Naphthalene	13.83	128	390104	49.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128222	46.699	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

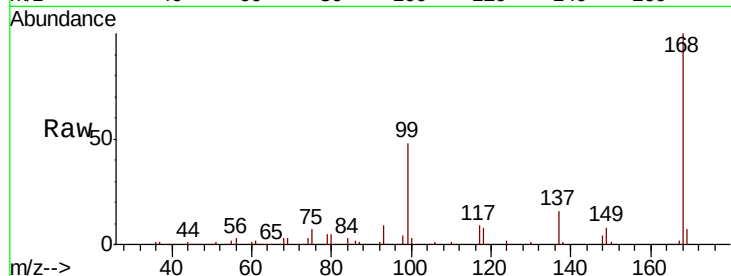
ClientSampled :

Tot Ion:168 Resp: 158316

Ion Ratio Lower Upper

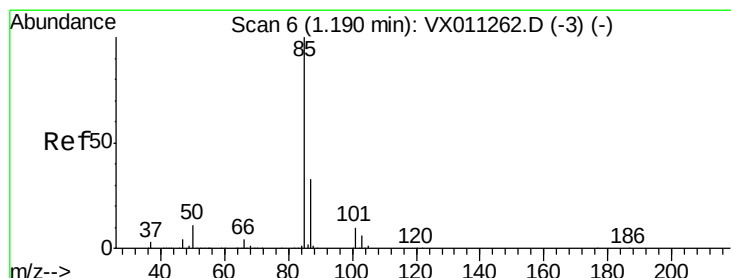
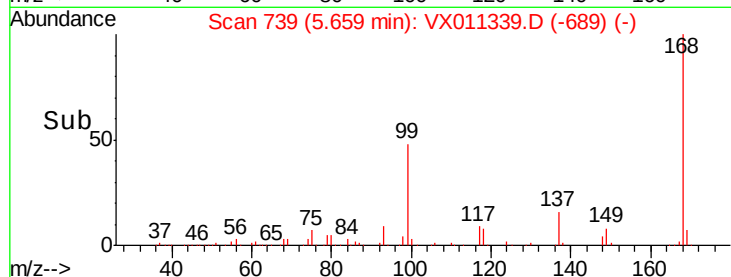
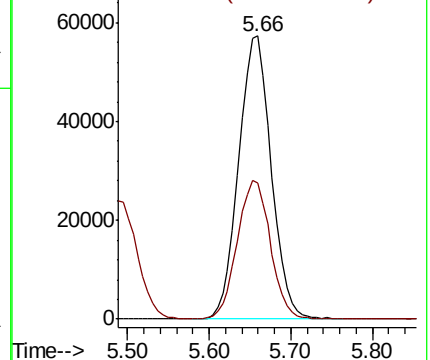
168 100

99 48.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.432 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011339.D

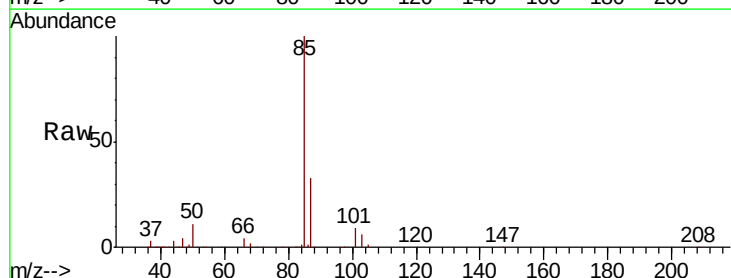
Acq: 05 Aug 2019 20:21

Tgt Ion: 85 Resp: 55551

Ion Ratio Lower Upper

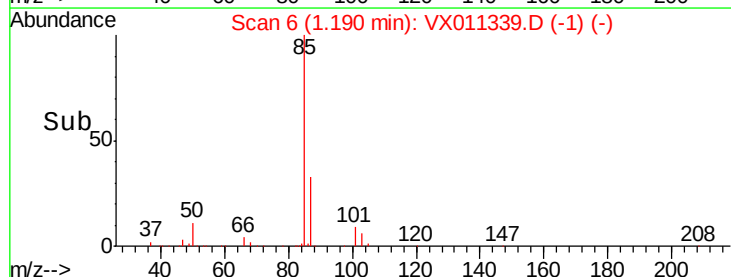
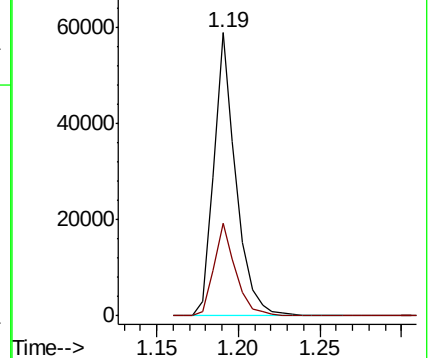
85 100

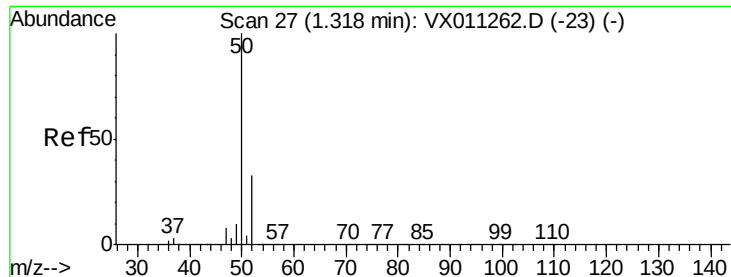
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

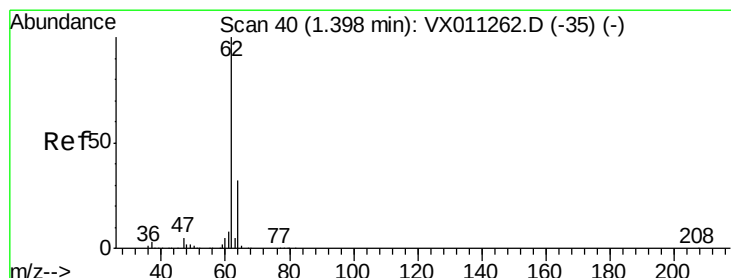
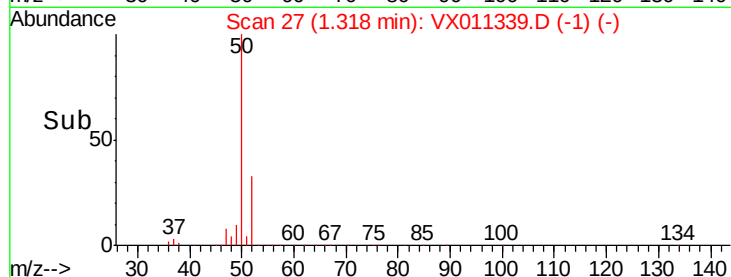
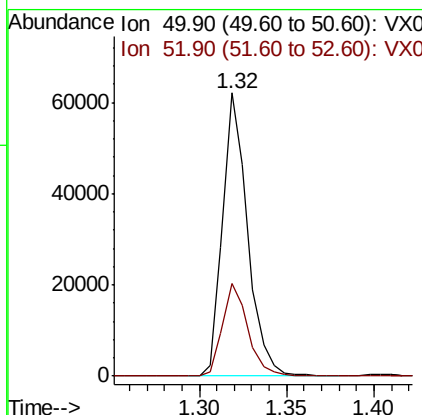
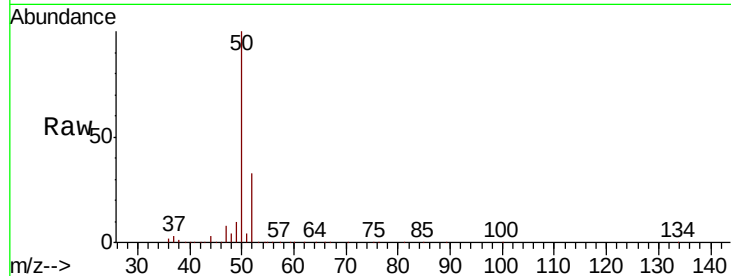




#3
Chloromethane
Concen: 44.859 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

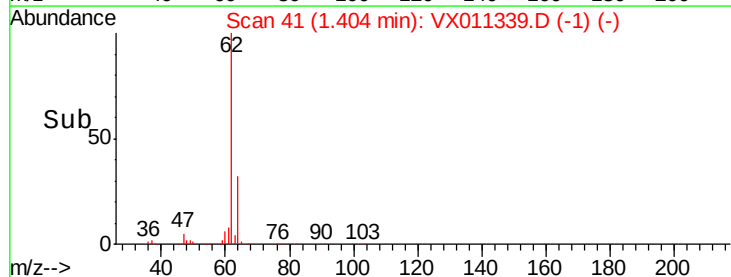
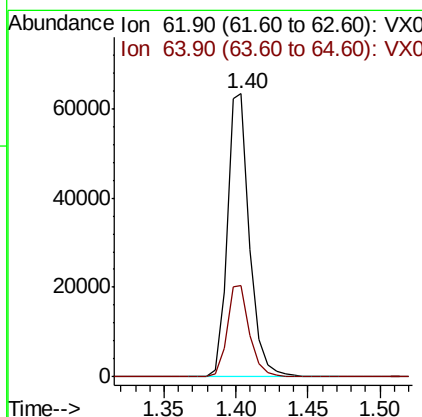
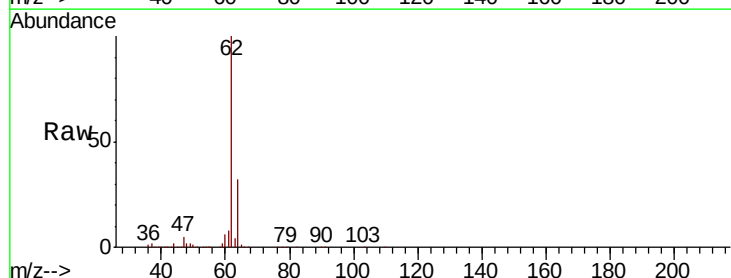
Instrument :
MSVOA_X
ClientSampleId :

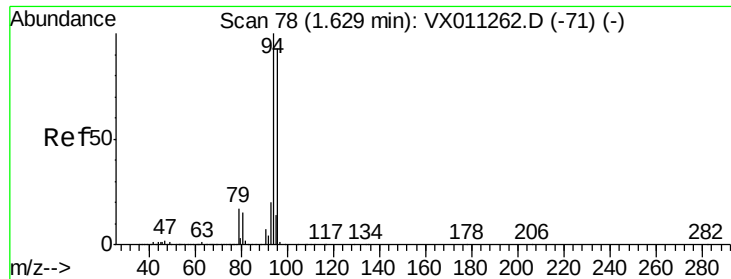
Tot Ion: 50 Resp: 61596
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6



#4
Vinyl Chloride
Concen: 45.700 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.01 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 62 Resp: 69025
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5

Bromomethane

Concen: 40.902 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

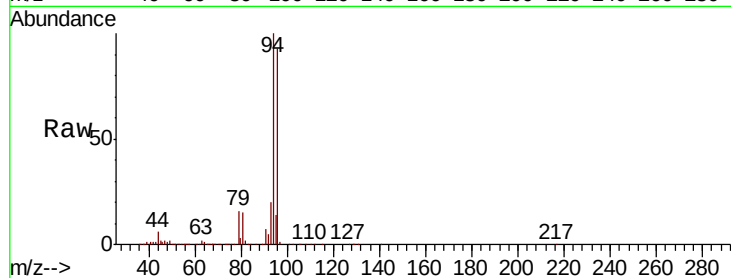
ClientSampled :

Tot Ion: 94 Resp: 44060

Ion Ratio Lower Upper

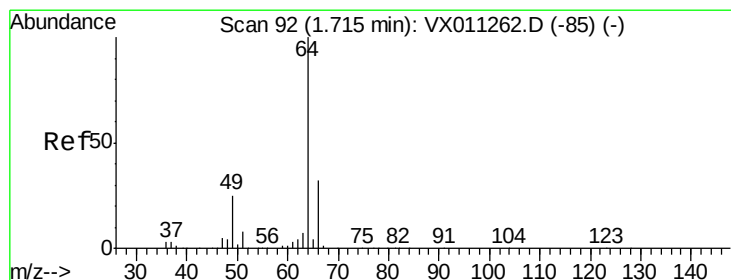
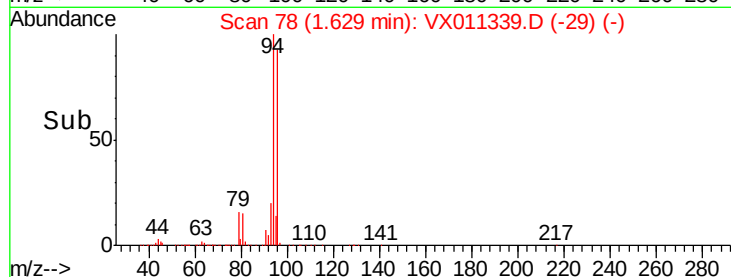
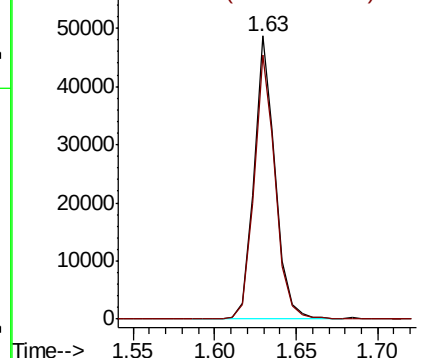
94 100

96 93.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.792 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011339.D

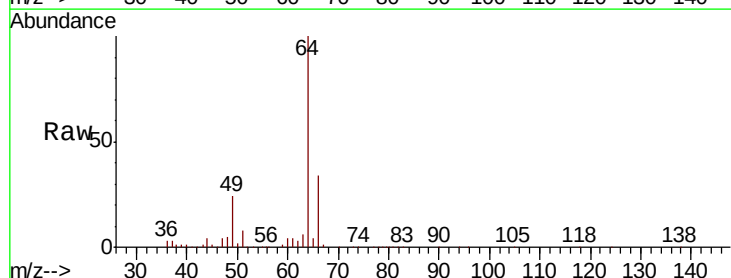
Acq: 05 Aug 2019 20:21

Tgt Ion: 64 Resp: 47456

Ion Ratio Lower Upper

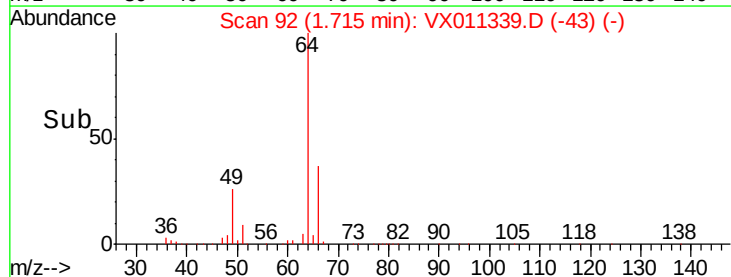
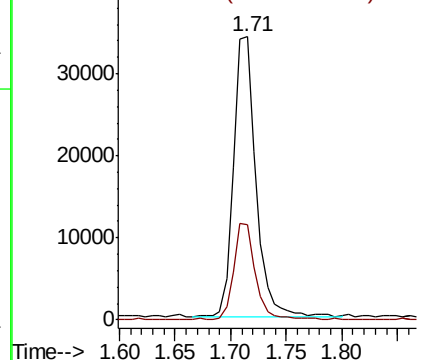
64 100

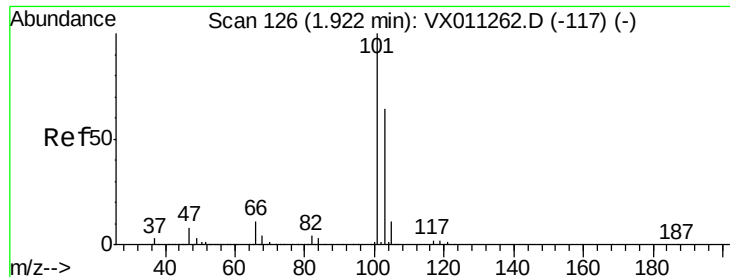
66 33.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



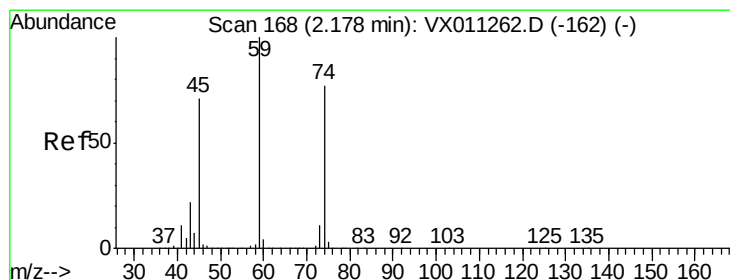
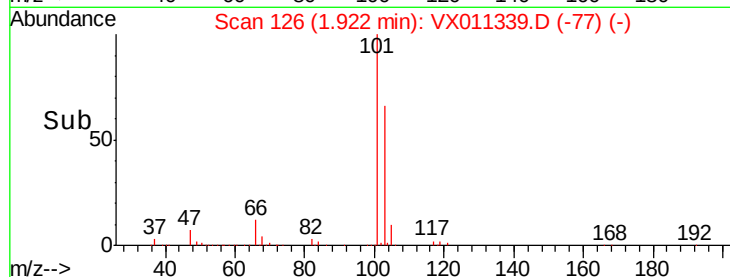
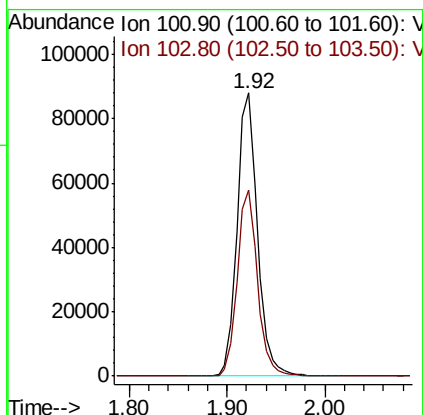
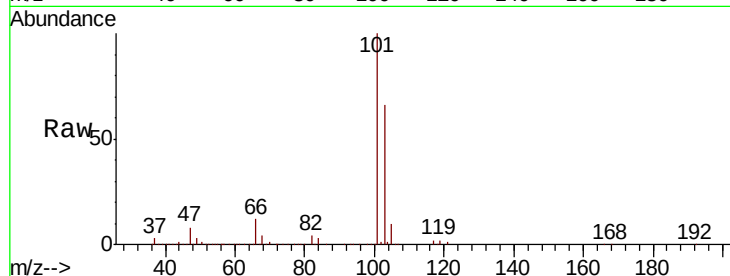


#7

Trichlorofluoromethane
Concen: 47.361 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :

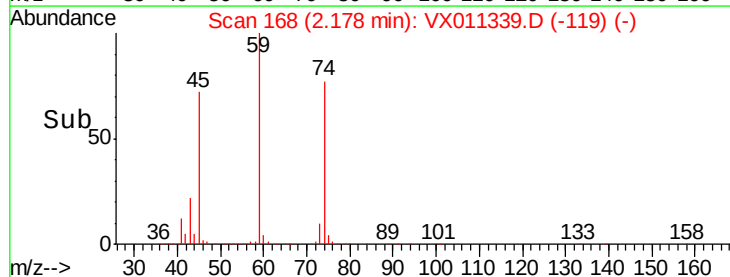
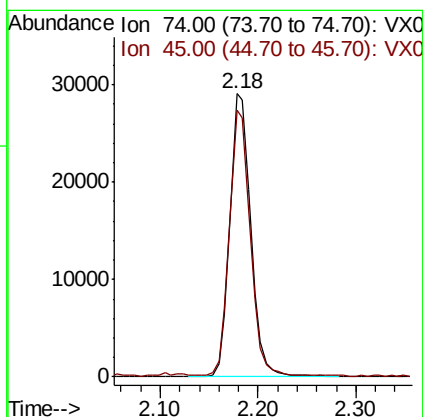
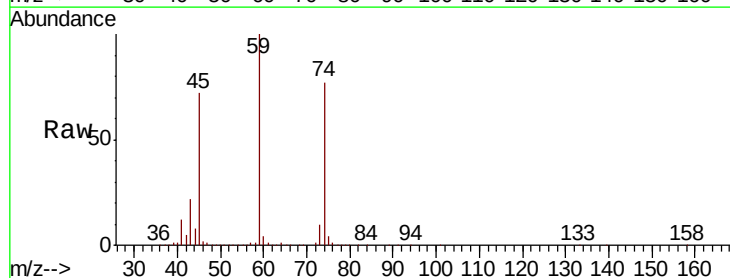
Tot Ion:101 Resp: 127192
Ion Ratio Lower Upper
101 100
103 66.0 50.9 76.3

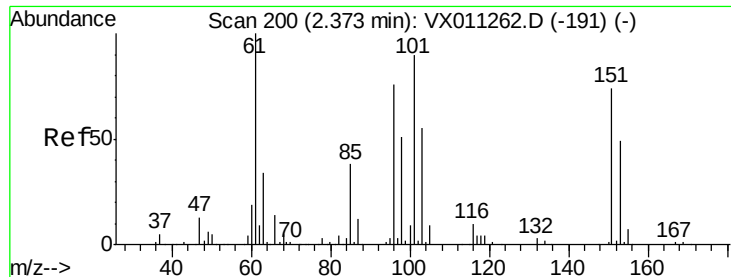


#8

Diethyl Ether
Concen: 45.090 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 74 Resp: 43239
Ion Ratio Lower Upper
74 100
45 92.7 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.944 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

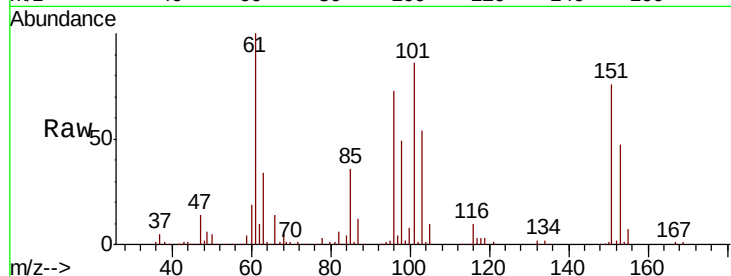
Tot Ion:101 Resp: 66761

Ion Ratio Lower Upper

101 100

85 43.6 33.8 50.6

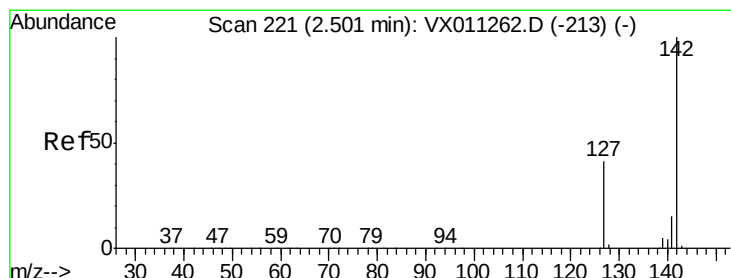
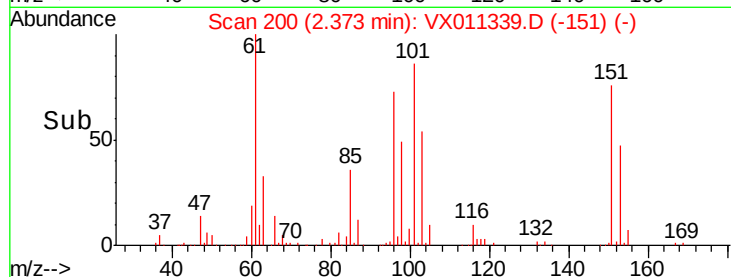
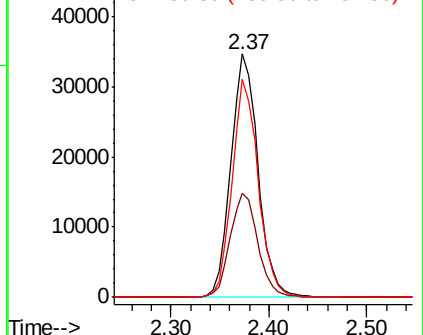
151 86.1 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.056 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

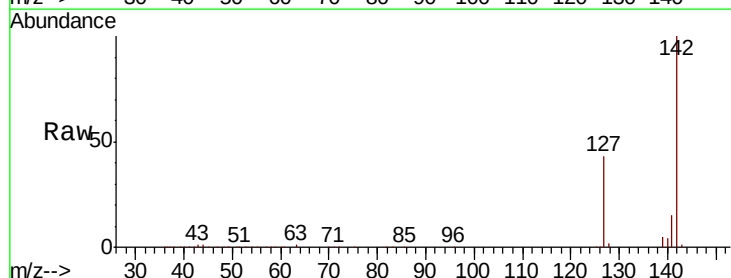
Tgt Ion:142 Resp: 84374

Ion Ratio Lower Upper

142 100

127 43.2 33.8 50.8

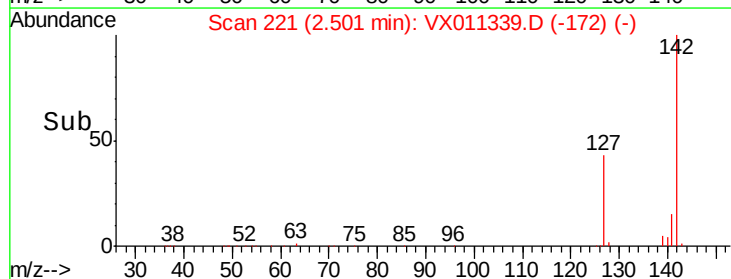
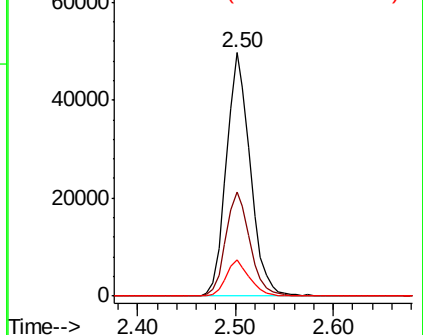
141 14.4 11.4 17.2

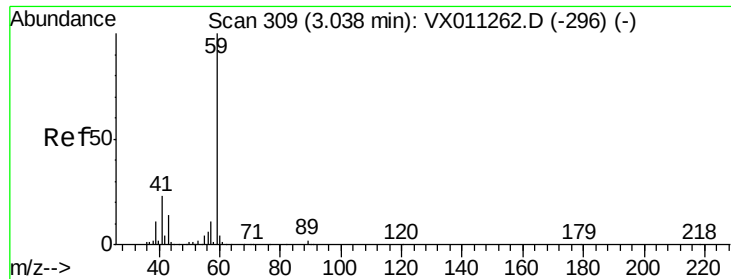


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

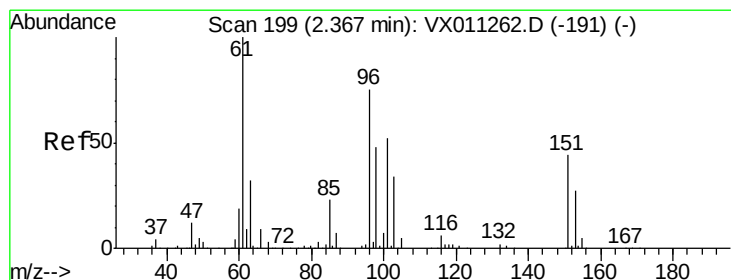
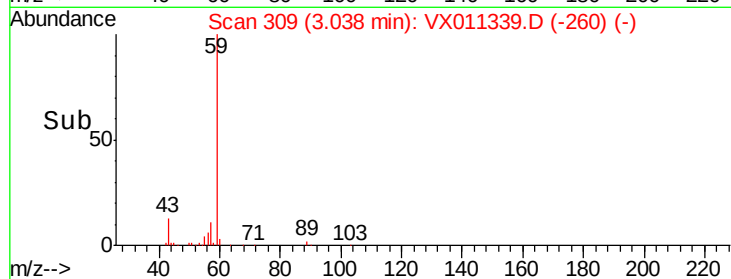
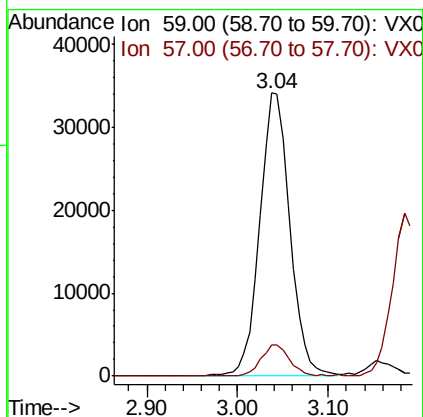
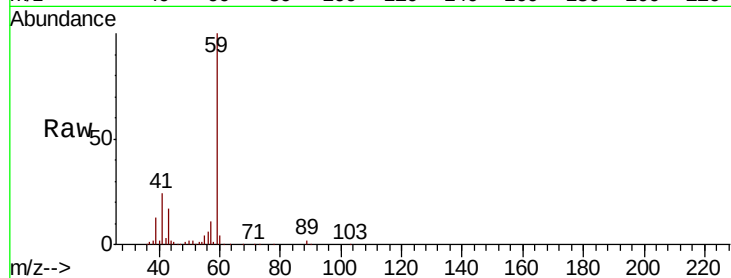




#11
Tert butyl alcohol
Concen: 247.140 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

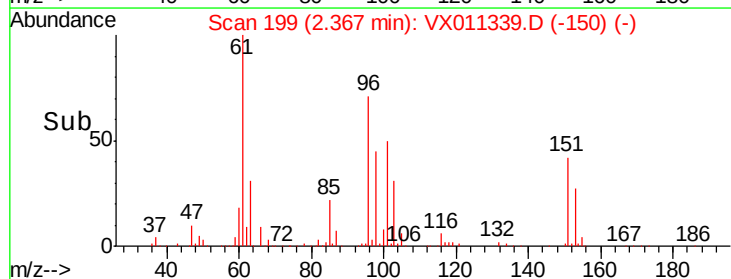
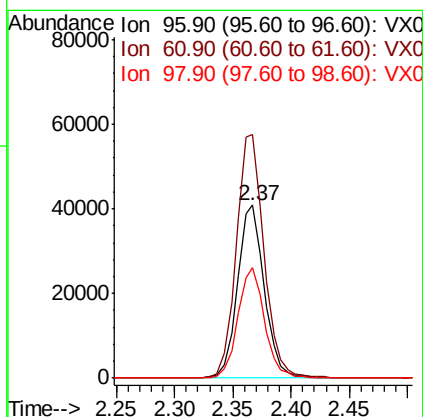
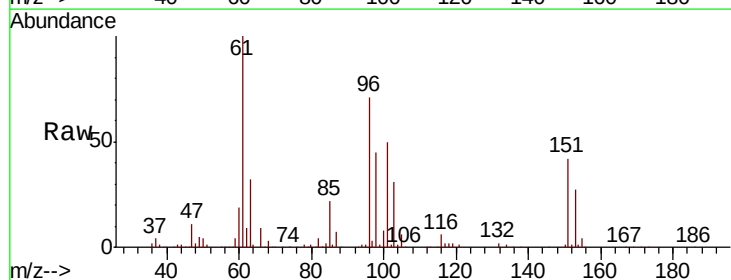
Instrument :
MSVOA_X
ClientSampleId :

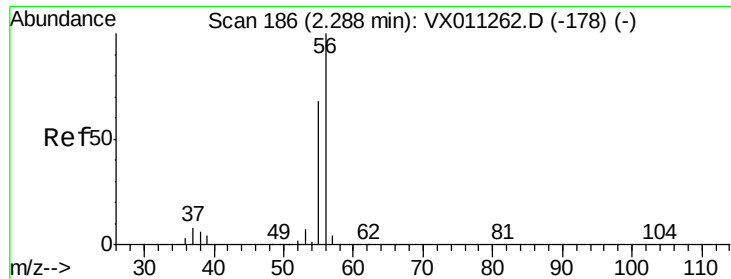
Tot Ion: 59 Resp: 78571
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.557 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 96 Resp: 65622
Ion Ratio Lower Upper
96 100
61 140.8 106.2 159.2
98 63.7 50.6 75.8





#13

Acrolein

Concen: 226.178 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

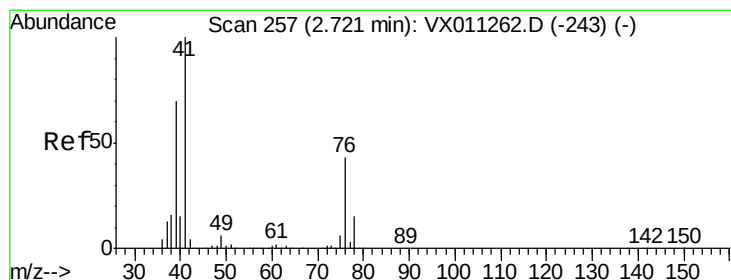
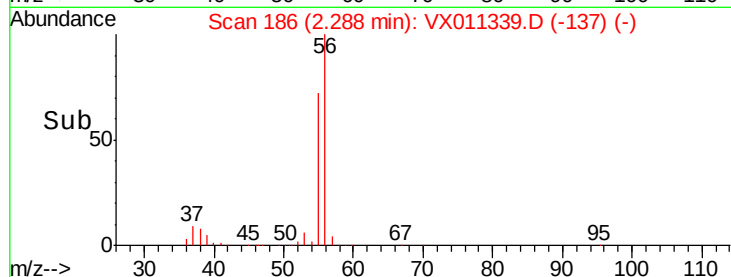
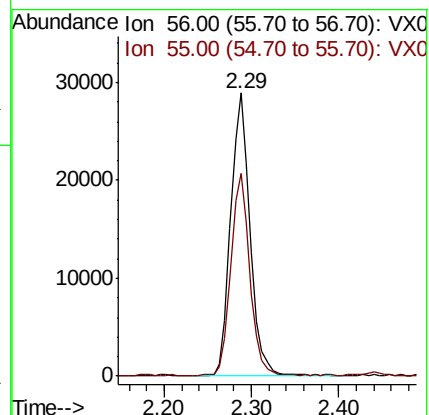
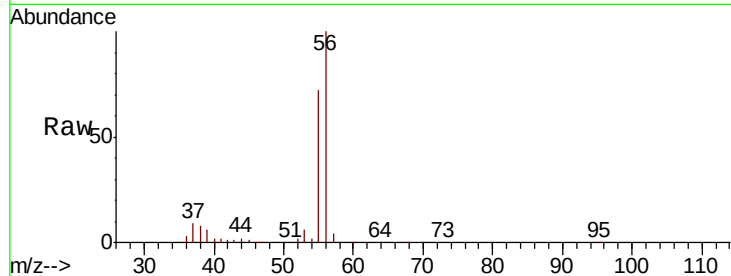
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 44695

Ion Ratio Lower Upper

56 100

55 68.7 56.0 84.0



#14

Allyl chloride

Concen: 49.897 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

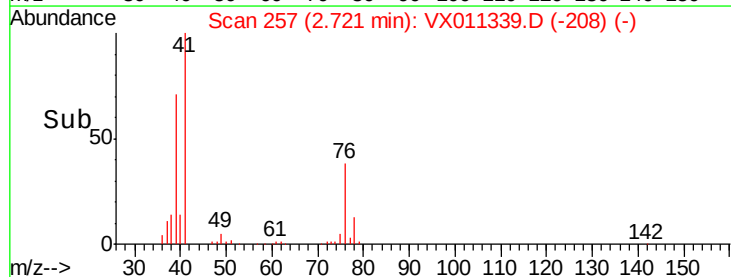
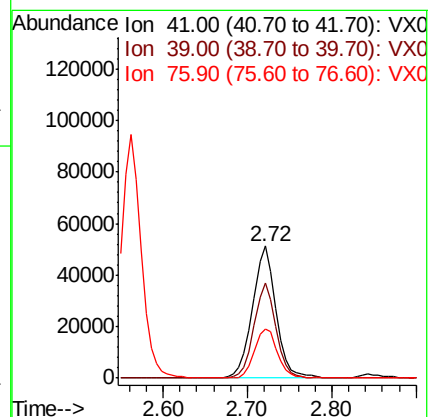
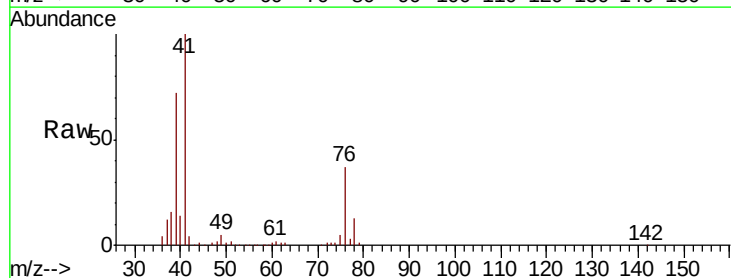
Tgt Ion: 41 Resp: 95815

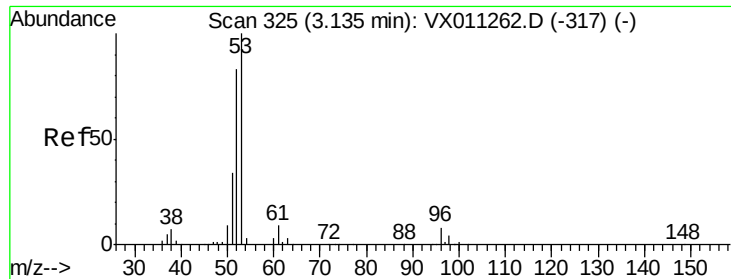
Ion Ratio Lower Upper

41 100

39 66.8 52.8 79.2

76 36.6 31.1 46.7





#15

Acrylonitrile

Concen: 253.500 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

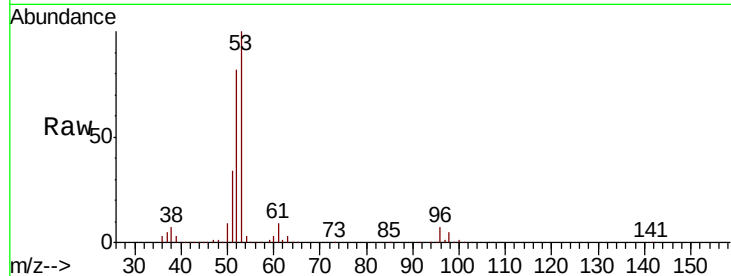
Tot Ion: 53 Resp: 192322

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

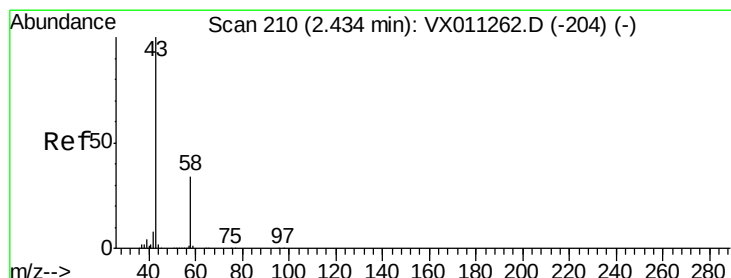
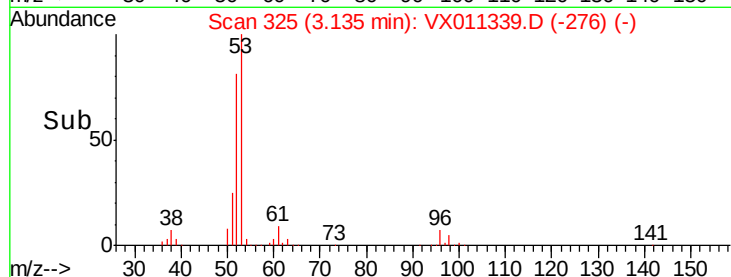
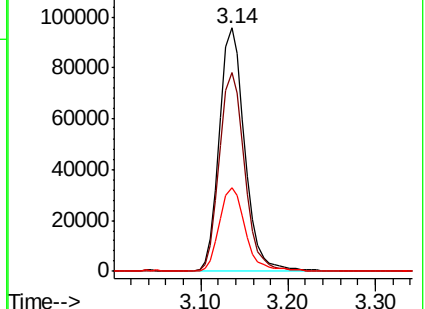
51 35.6 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 210.123 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011339.D

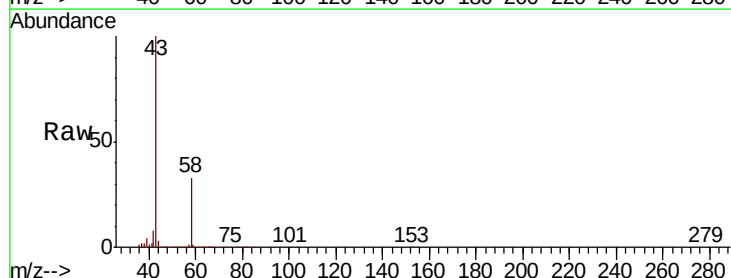
Acq: 05 Aug 2019 20:21

Tgt Ion: 43 Resp: 159456

Ion Ratio Lower Upper

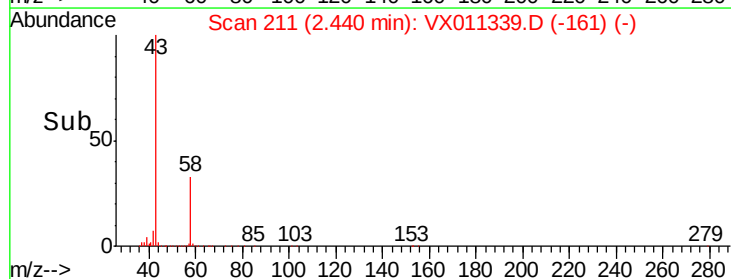
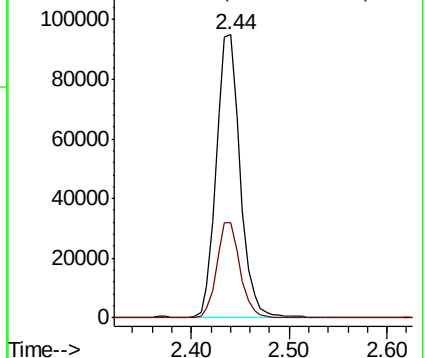
43 100

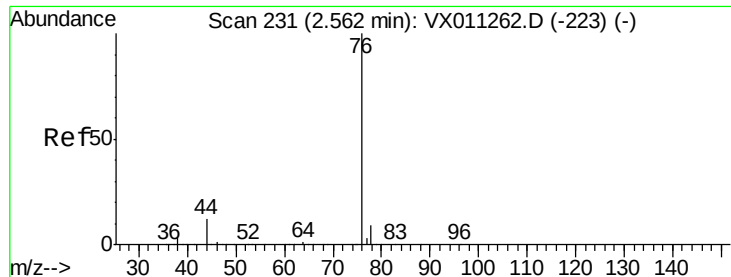
58 33.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.249 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

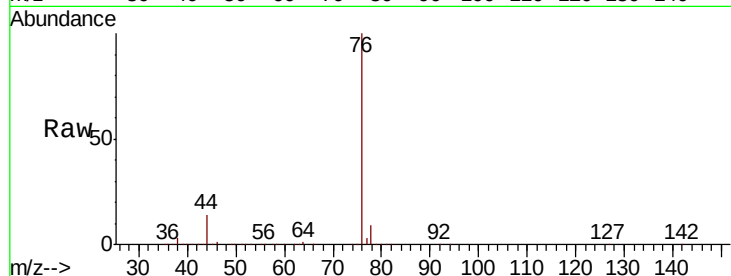
ClientSampled :

Tot Ion: 76 Resp: 156329

Ion Ratio Lower Upper

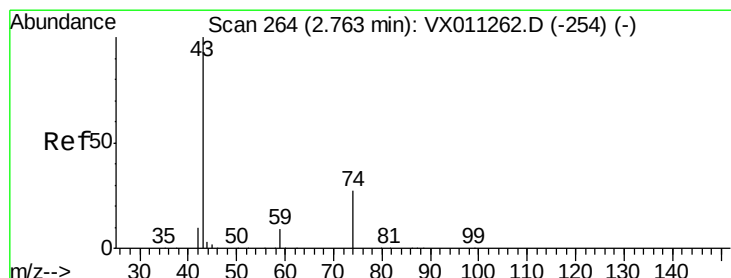
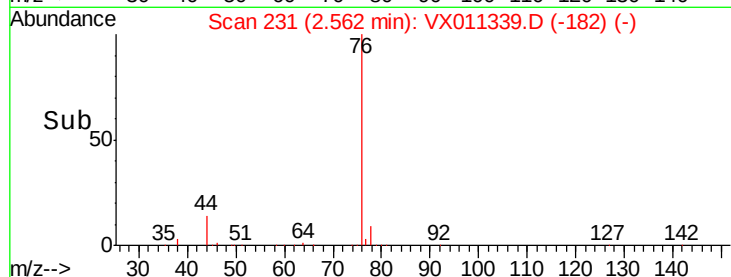
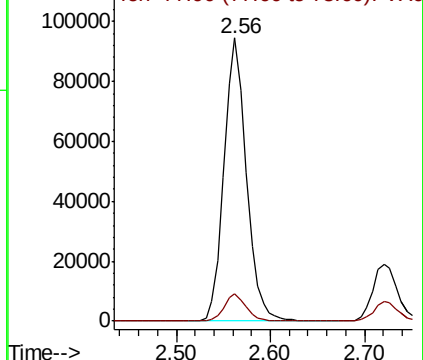
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.909 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011339.D

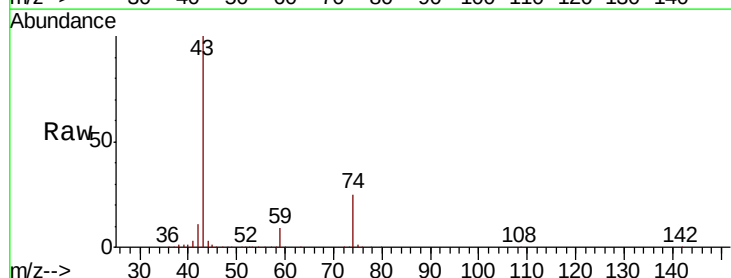
Acq: 05 Aug 2019 20:21

Tgt Ion: 43 Resp: 88287

Ion Ratio Lower Upper

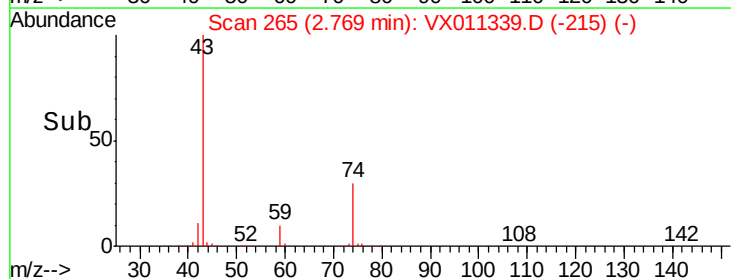
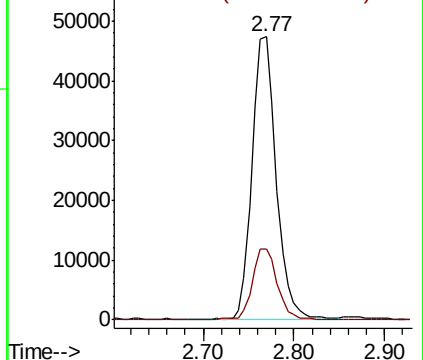
43 100

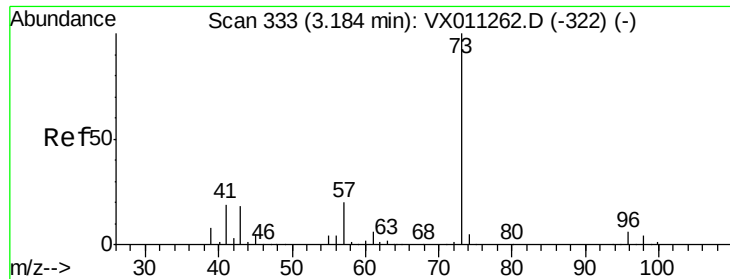
74 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

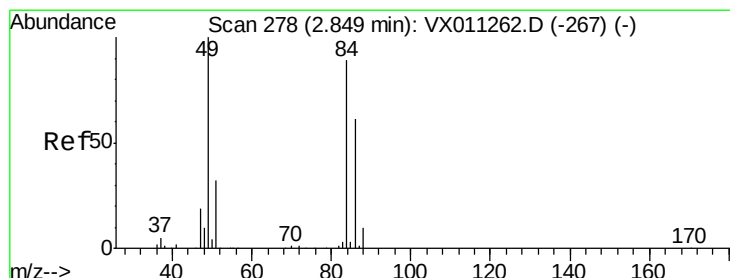
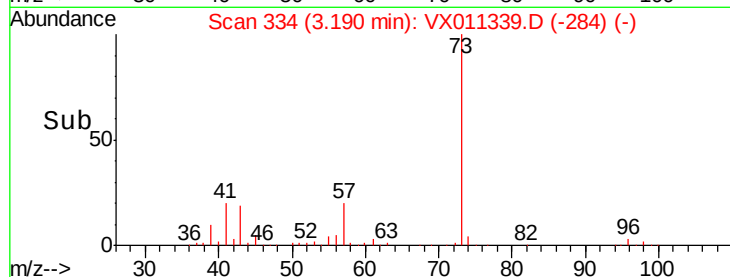
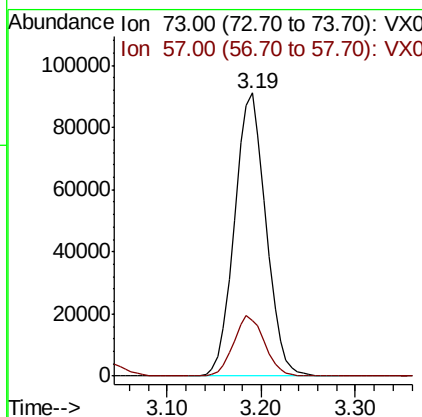
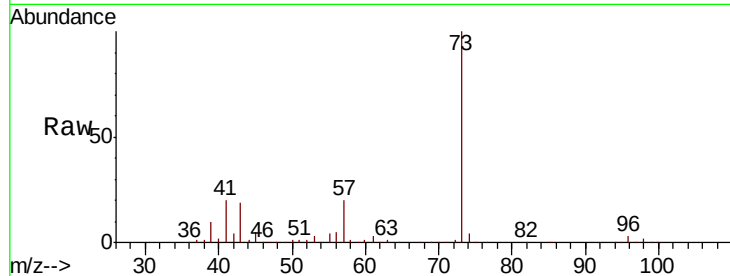




#19
Methyl tert-butyl Ether
Concen: 49.647 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

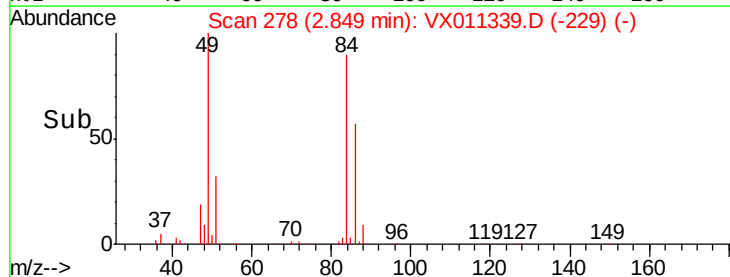
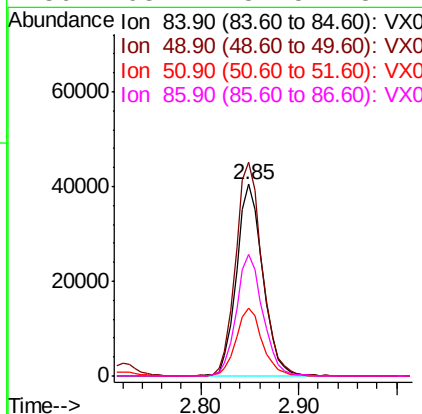
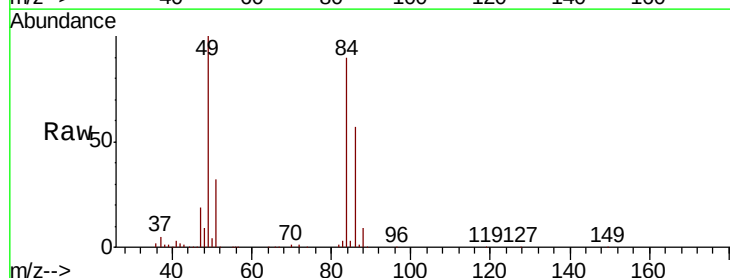
Instrument :
MSVOA_X
ClientSampled :

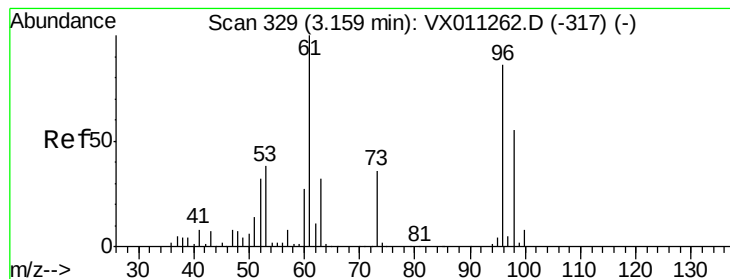
Tot Ion: 73 Resp: 210742
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.2



#20
Methylene Chloride
Concen: 45.638 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 84 Resp: 75849
Ion Ratio Lower Upper
84 100
49 111.1 89.3 133.9
51 34.9 28.3 42.5
86 63.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 46.471 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

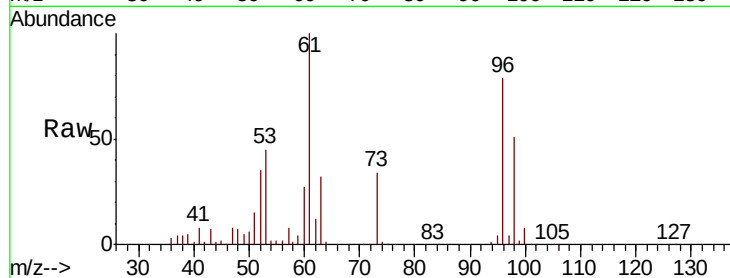
Tot Ion: 96 Resp: 70808

Ion Ratio Lower Upper

96 100

61 125.9 92.8 139.2

98 64.0 51.2 76.8

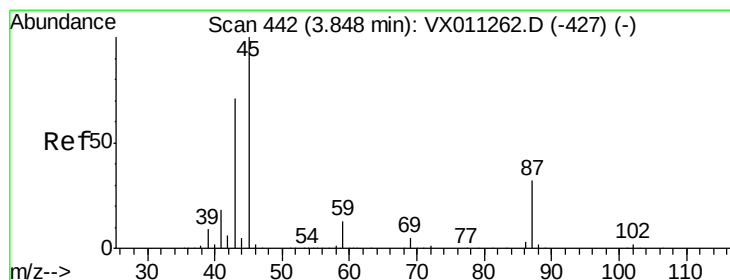
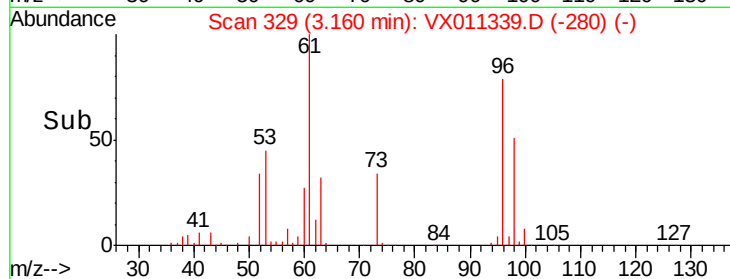
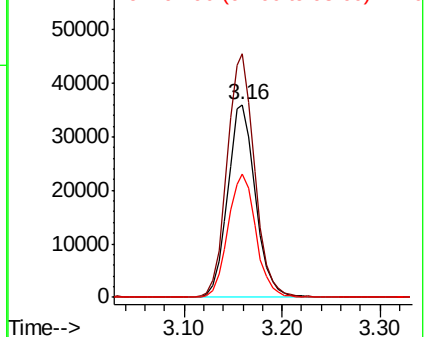


Abundance

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: 49.417 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Tgt Ion: 45 Resp: 208560

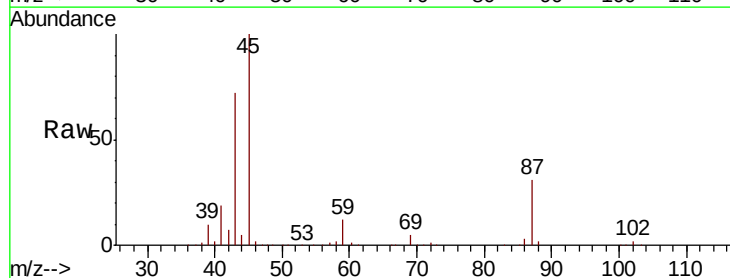
Ion Ratio Lower Upper

45 100

43 71.9 56.8 85.2

87 31.1 25.8 38.6

59 12.2 10.3 15.5



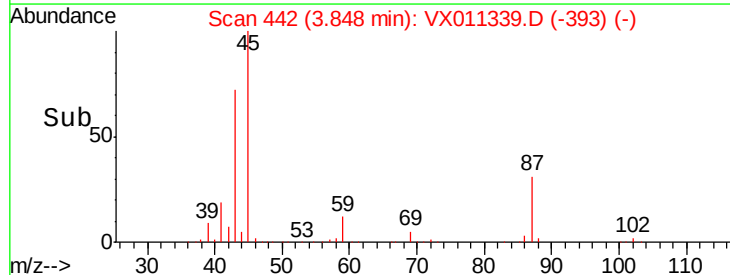
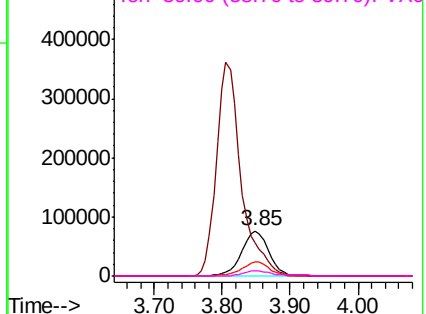
Abundance

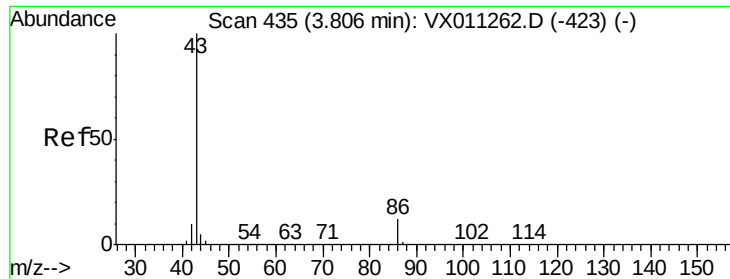
Ion 45.00 (44.70 to 45.70): VX0

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: 261.553 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

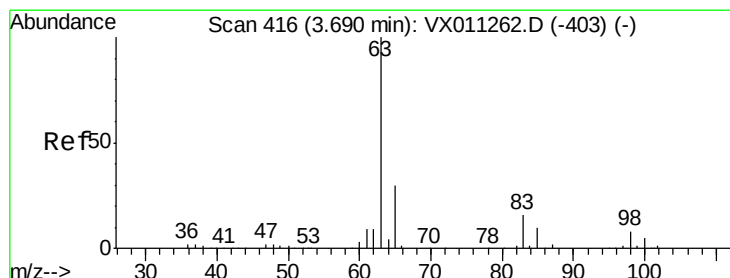
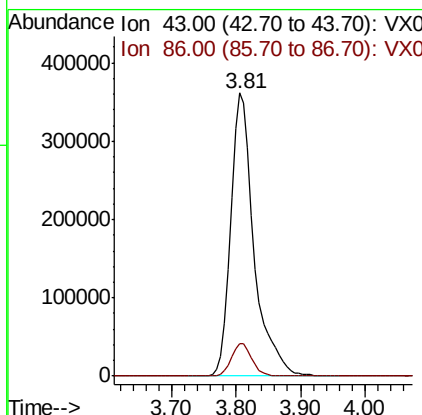
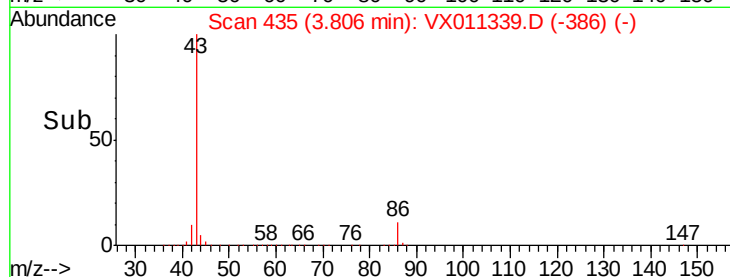
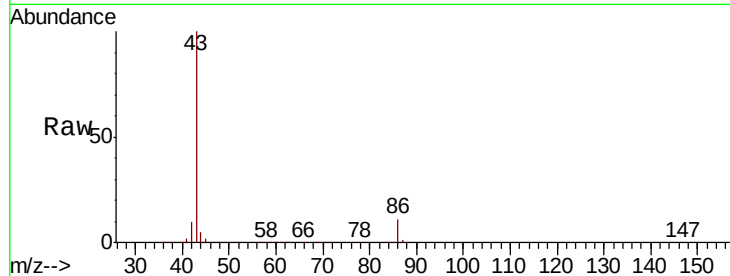
ClientSampleId :

Tot Ion: 43 Resp: 915555

Ion Ratio Lower Upper

43 100

86 11.5 9.6 14.4



#24

1,1-Dichloroethane

Concen: 47.734 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

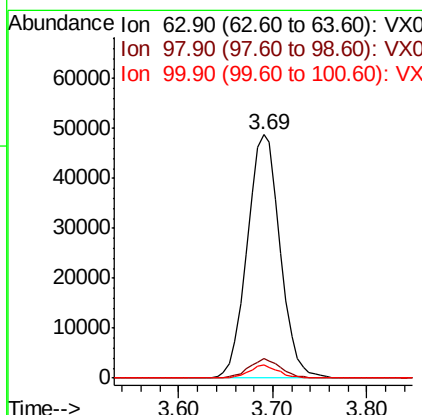
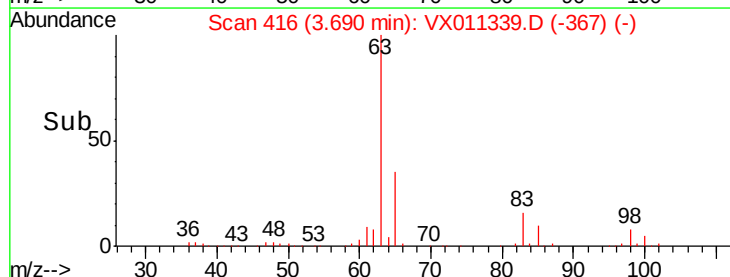
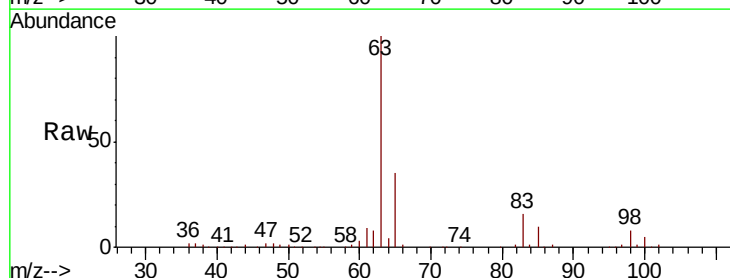
Tgt Ion: 63 Resp: 118791

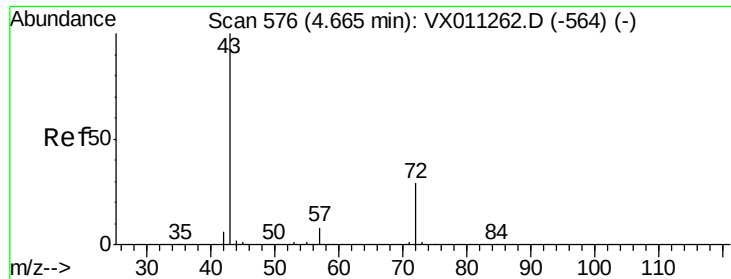
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

100 5.5 2.7 8.1





#25

2-Butanone

Concen: 242.816 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

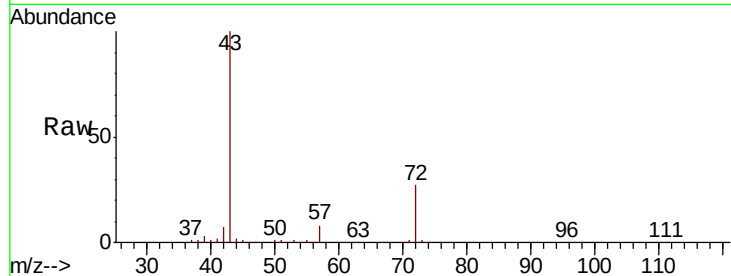
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 262118

Ion Ratio Lower Upper

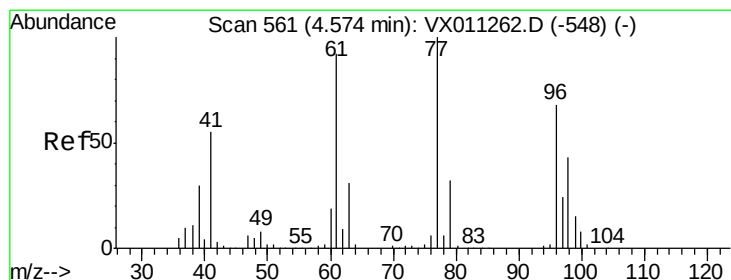
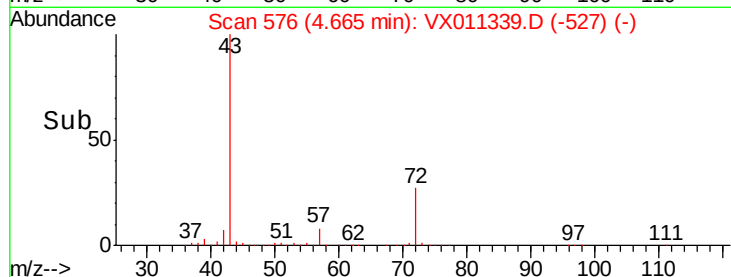
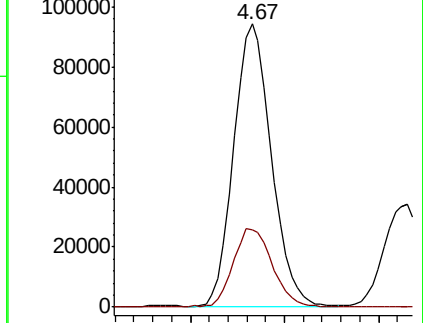
43 100

72 27.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.232 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011339.D

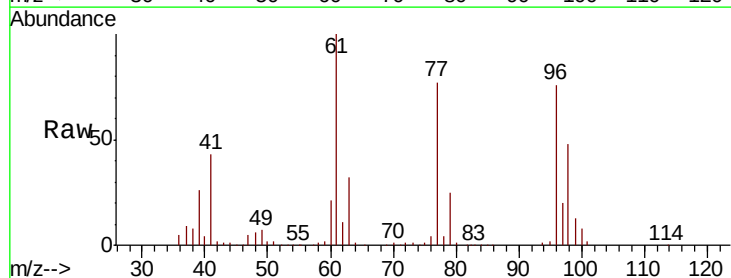
Acq: 05 Aug 2019 20:21

Tgt Ion: 77 Resp: 85568

Ion Ratio Lower Upper

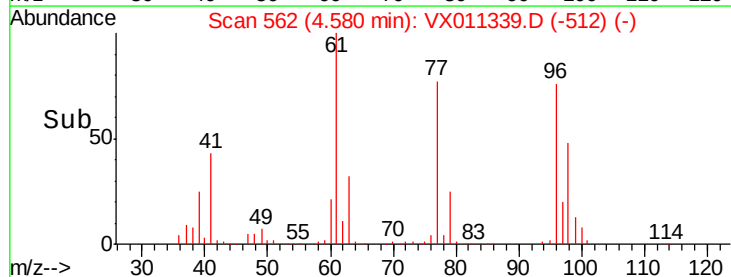
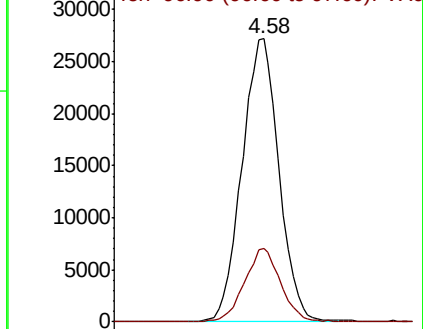
77 100

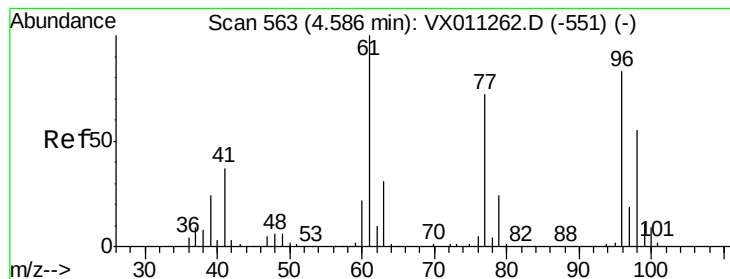
97 25.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



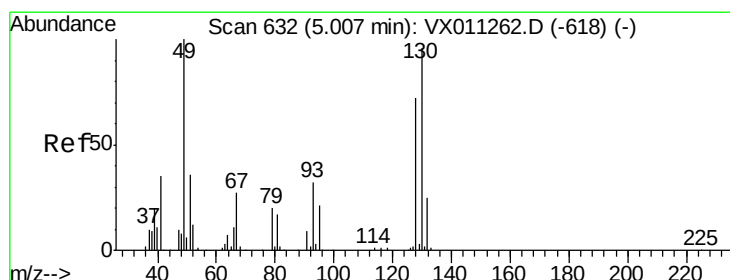
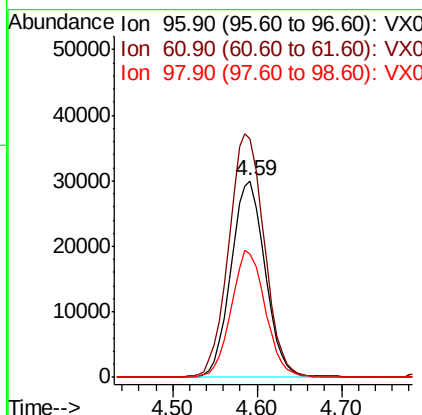
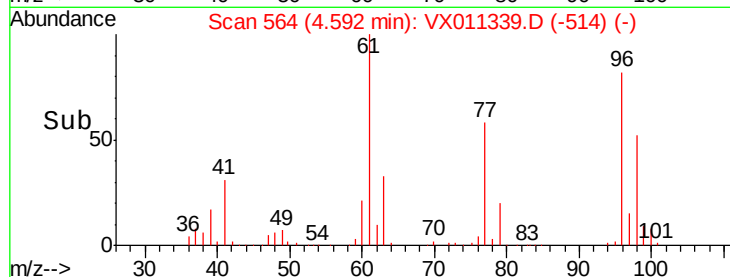
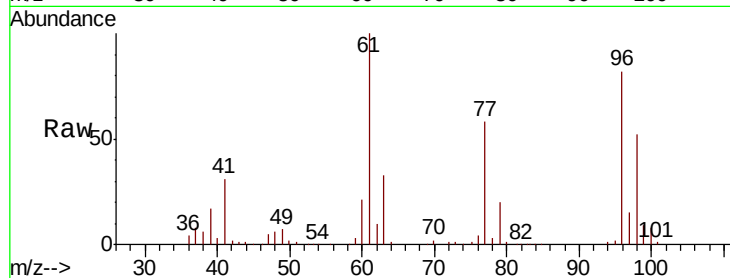


#27

cis-1,2-Dichloroethene
 Concen: 46.944 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Instrument :
 MSVOA_X
 ClientSampled :

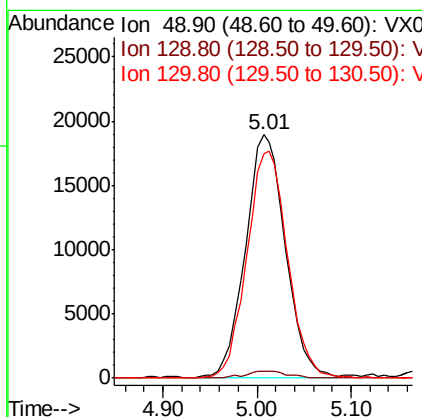
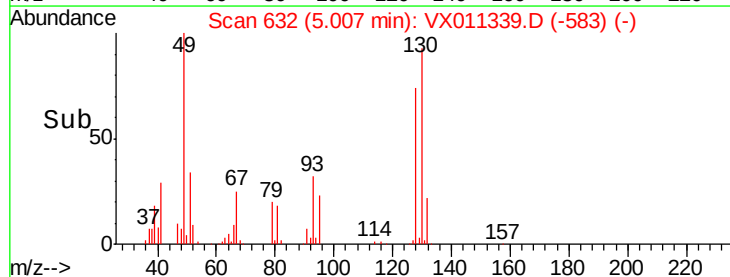
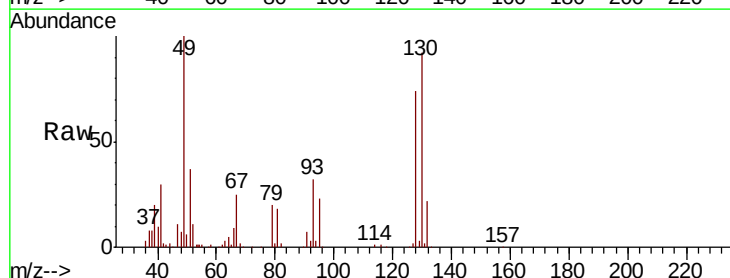
Tot Ion: 96 Resp: 82389
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 260.2
 98 64.3 0.0 133.2

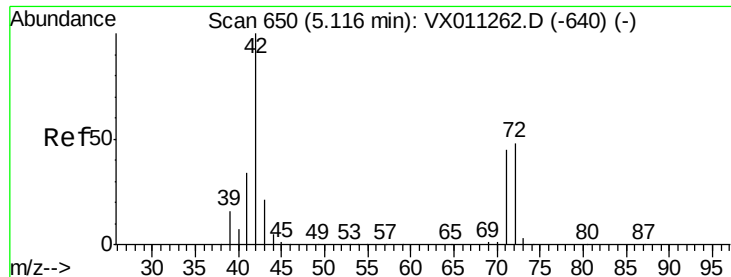


#28

Bromochloromethane
 Concen: 49.312 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion: 49 Resp: 55946
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.8
 130 95.0 77.9 116.9





#29

Tetrahydrofuran

Concen: 253.550 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

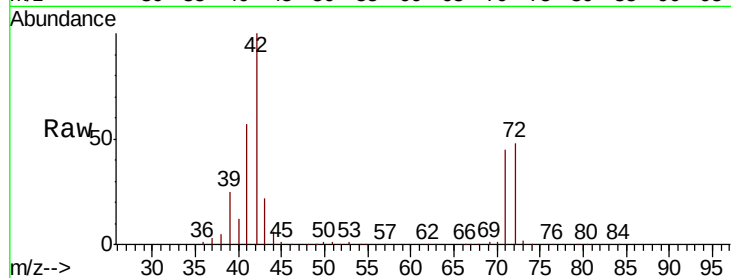
Tot Ion: 42 Resp: 167822

Ion Ratio Lower Upper

42 100

72 49.1 39.9 59.9

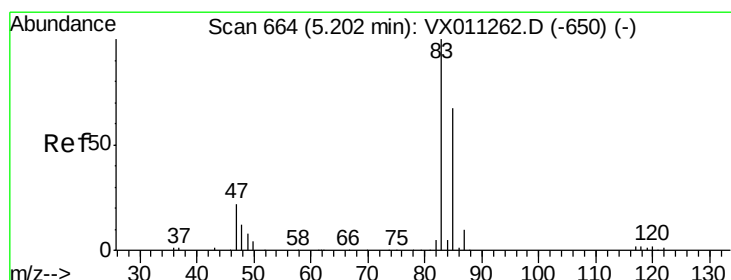
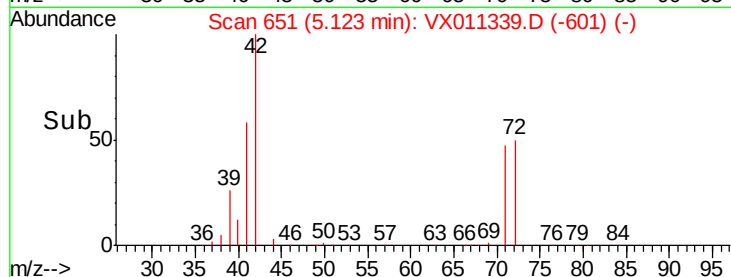
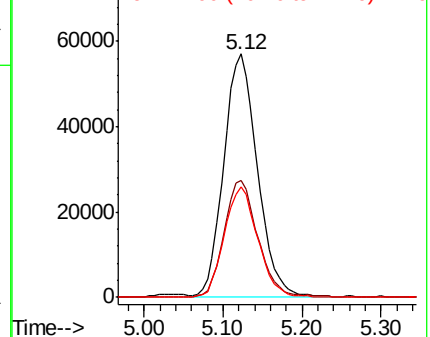
71 45.6 36.9 55.3



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: 48.373 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011339.D

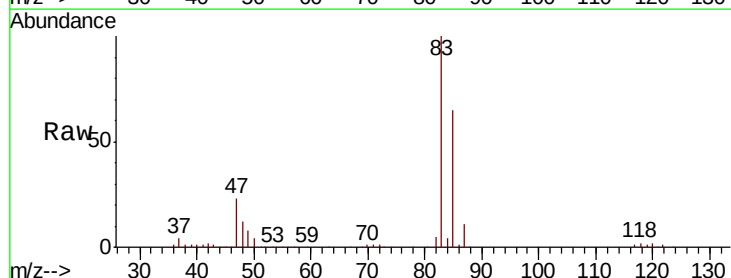
Acq: 05 Aug 2019 20:21

Tgt Ion: 83 Resp: 130840

Ion Ratio Lower Upper

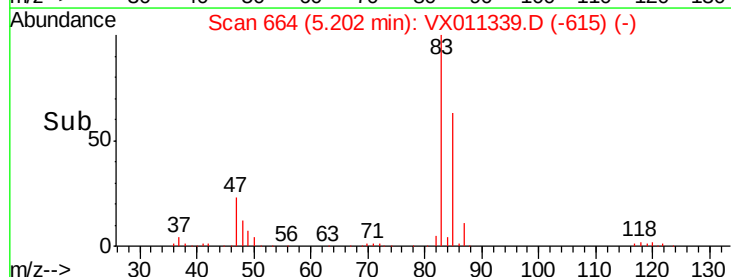
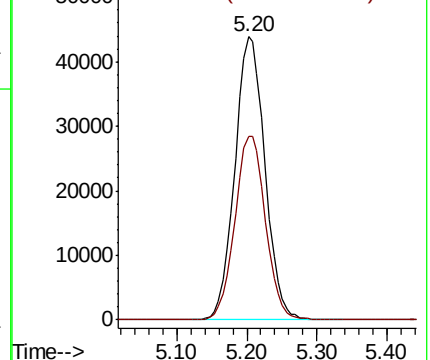
83 100

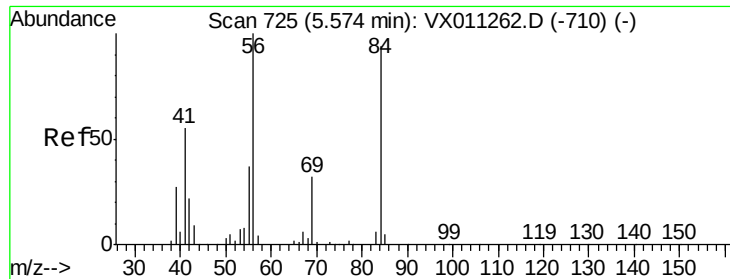
85 65.0 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

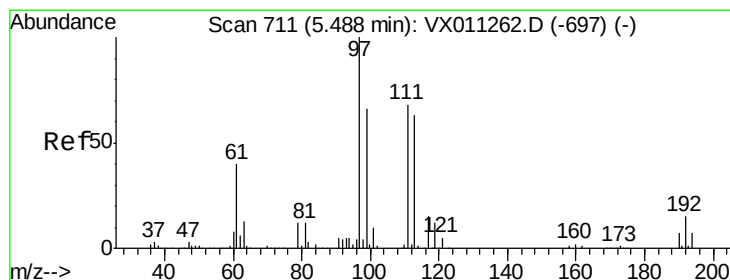
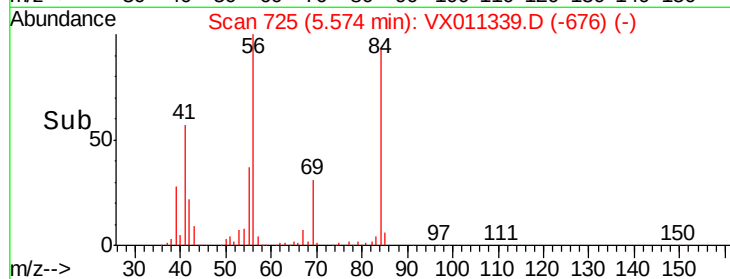
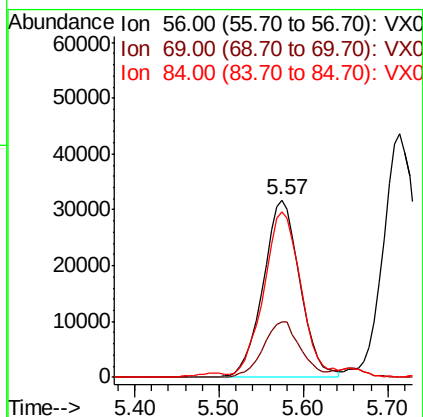
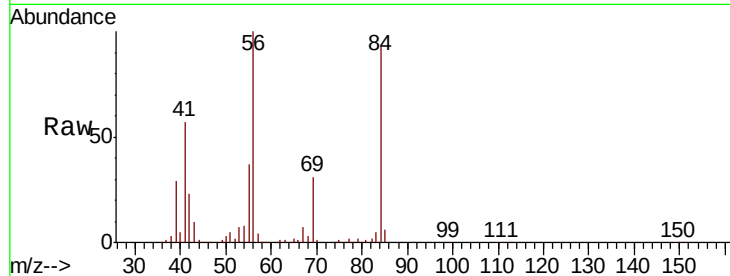




#31
Cyclohexane
Concen: 46.790 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

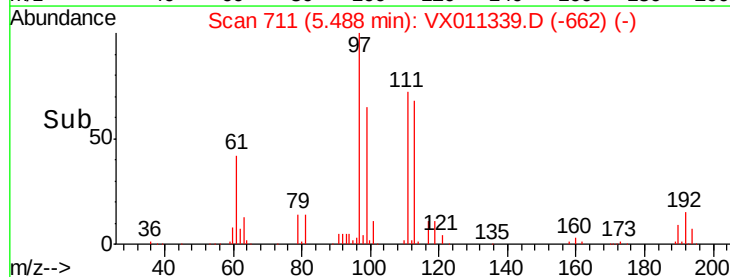
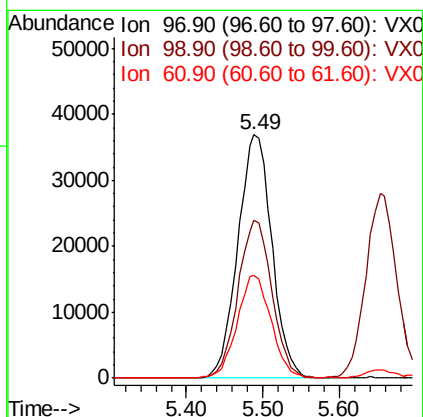
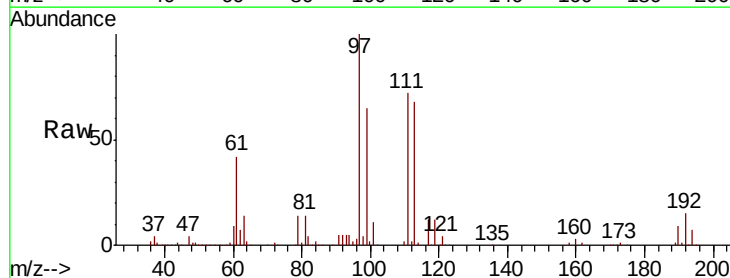
Instrument :
MSVOA_X
ClientSampled :

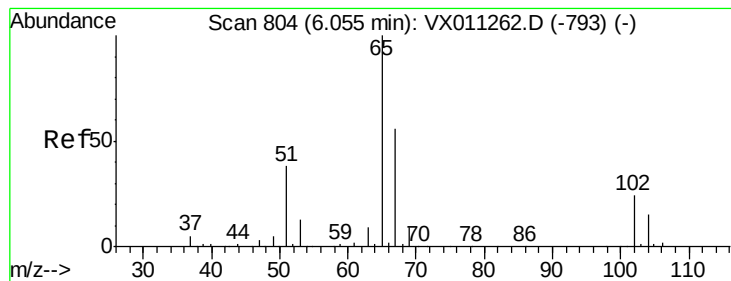
Tot Ion: 56 Resp: 96068
Ion Ratio Lower Upper
56 100
69 31.1 25.5 38.3
84 92.3 75.0 112.4



#32
1,1,1-Trichloroethane
Concen: 49.260 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 97 Resp: 114138
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 42.2 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 49.857 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

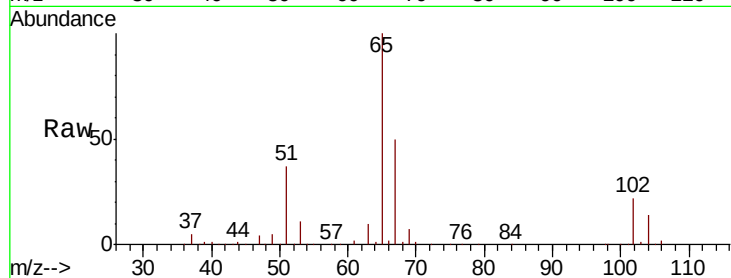
ClientSampleId :

Tot Ion: 65 Resp: 79489

Ion Ratio Lower Upper

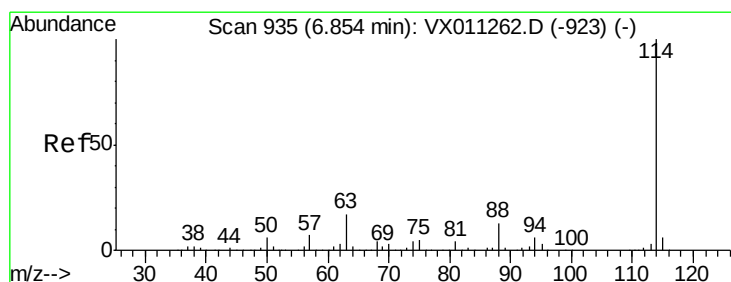
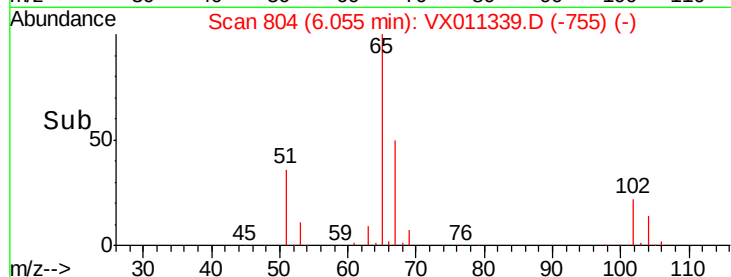
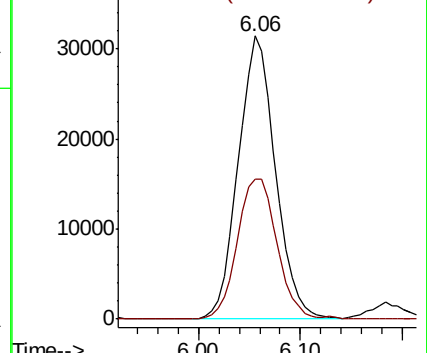
65 100

67 53.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

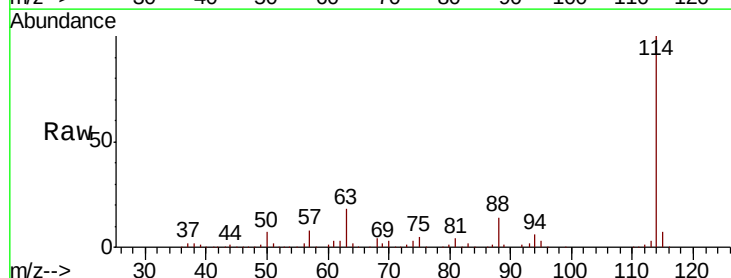
Tgt Ion: 114 Resp: 233125

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

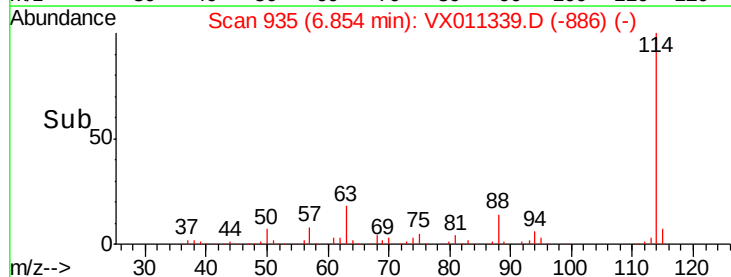
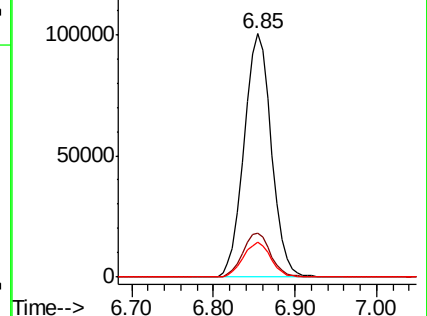
88 14.3 0.0 26.4

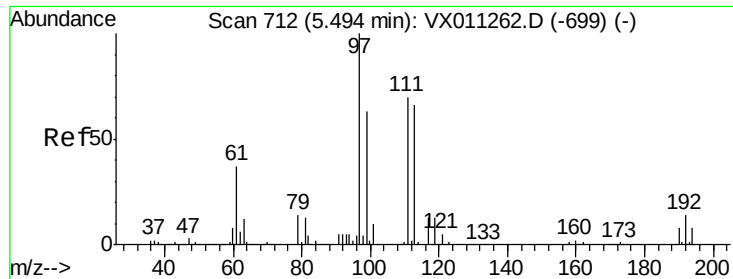


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

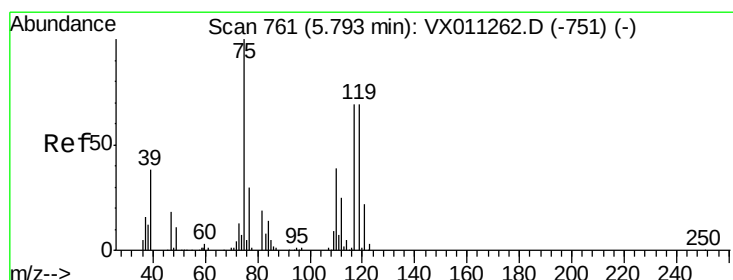
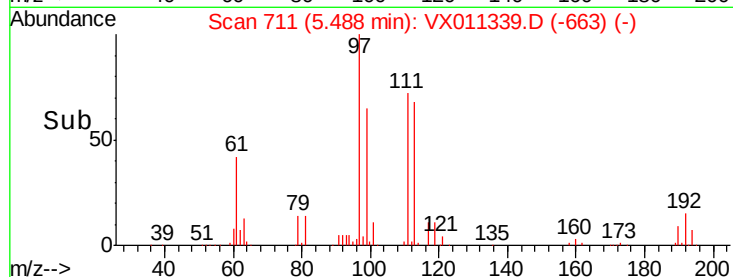
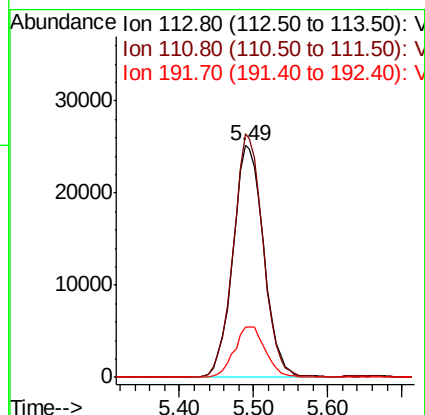
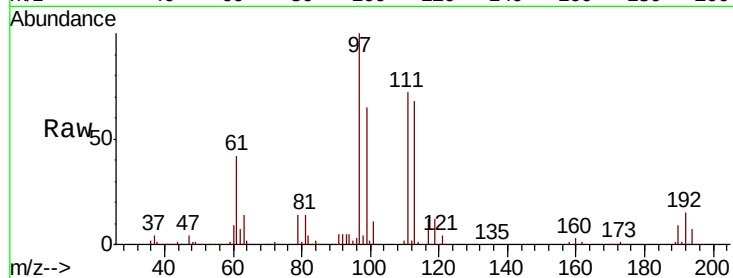




#35
 Dibromofluoromethane
 Concen: 47.955 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

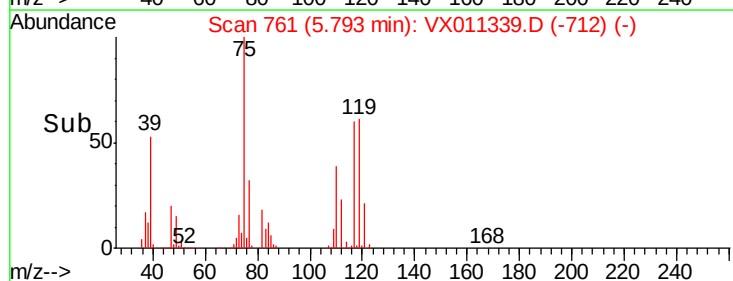
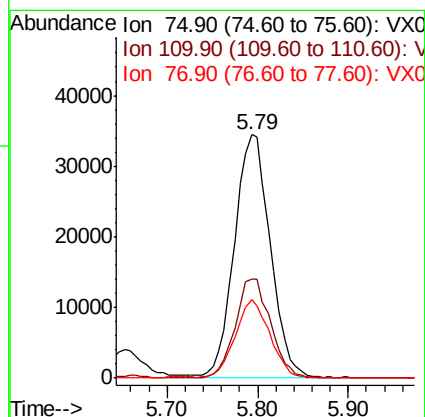
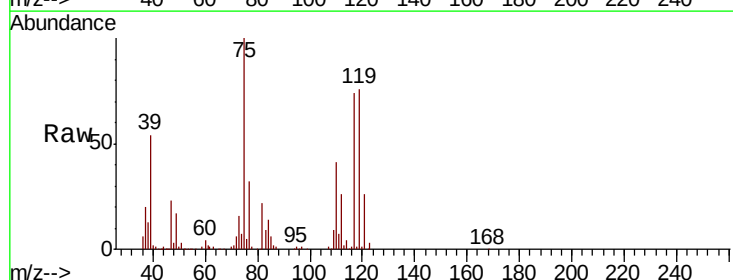
Instrument :
 MSVOA_X
 ClientSampleId :

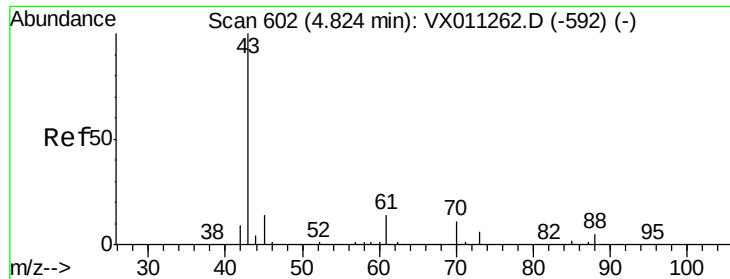
Tot Ion:113 Resp: 72989
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.9 122.9
 192 22.1 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 46.202 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion: 75 Resp: 94039
 Ion Ratio Lower Upper
 75 100
 110 40.5 20.0 59.9
 77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 50.201 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

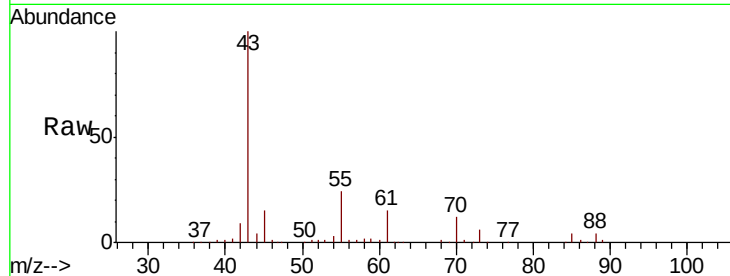
Tot Ion: 43 Resp: 102494

Ion Ratio Lower Upper

43 100

61 15.3 12.6 18.8

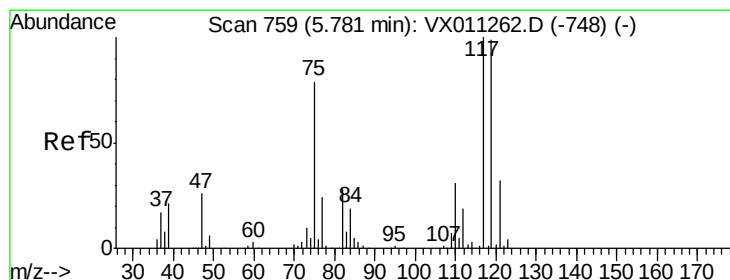
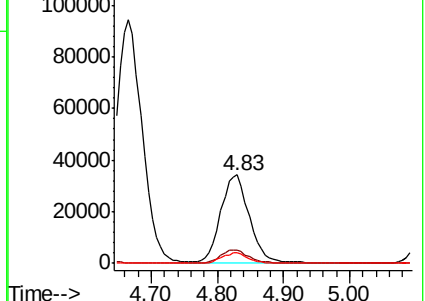
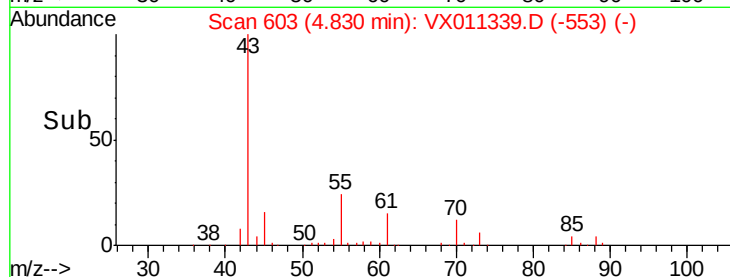
70 11.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.110 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

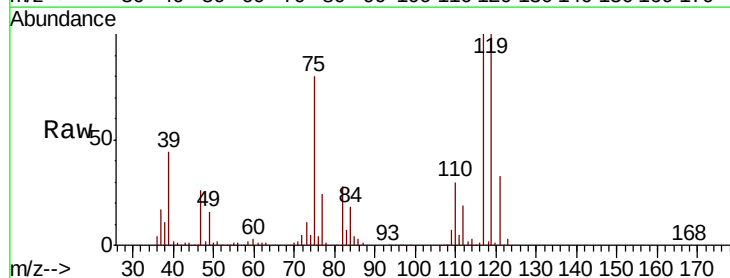
Tgt Ion: 117 Resp: 100565

Ion Ratio Lower Upper

117 100

119 99.9 79.0 118.4

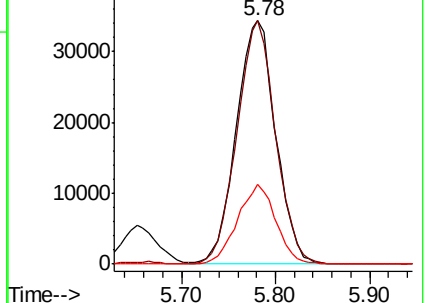
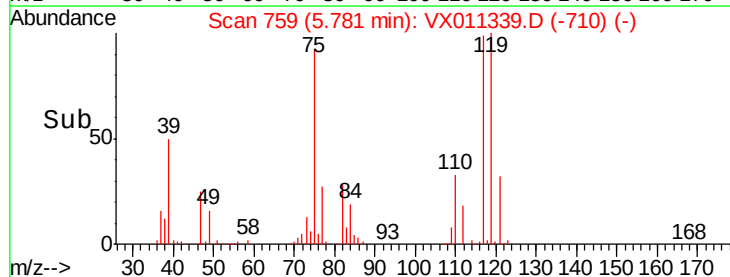
121 32.8 25.9 38.9

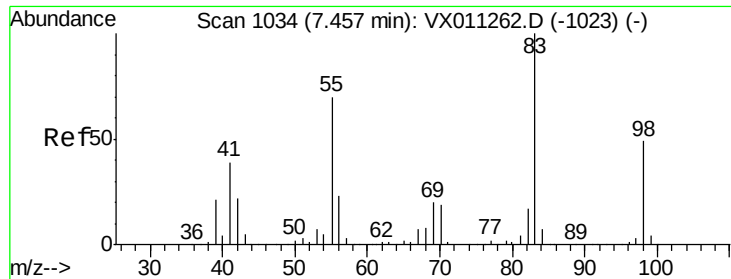


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

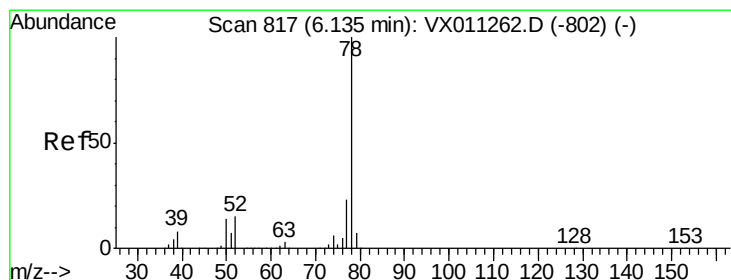
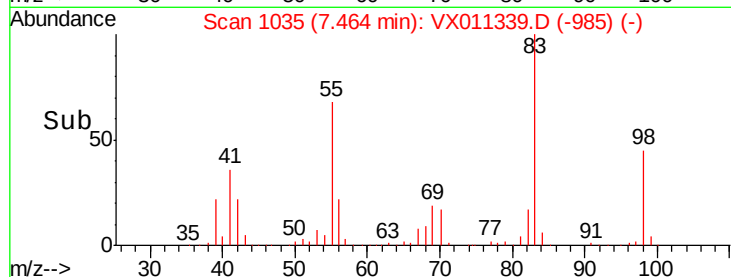
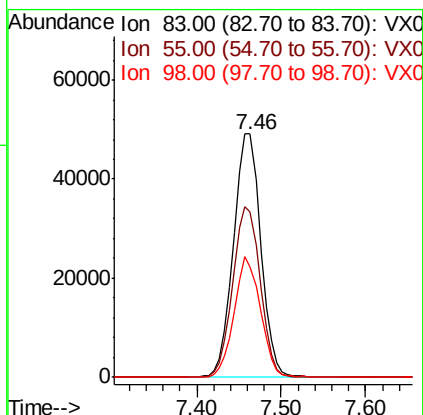
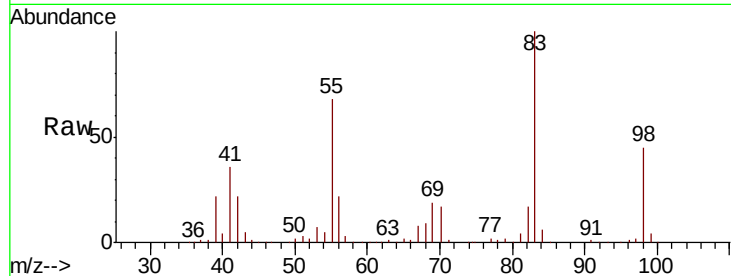




#39
Methylvlcyclohexane
Concen: 44.651 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

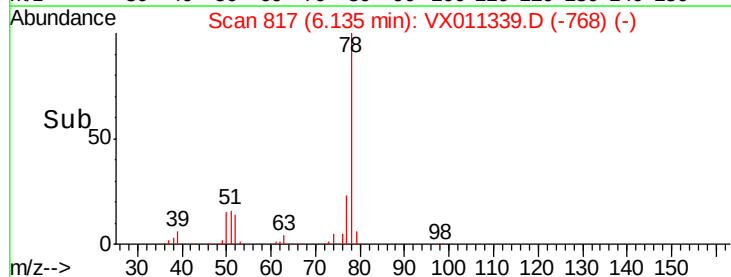
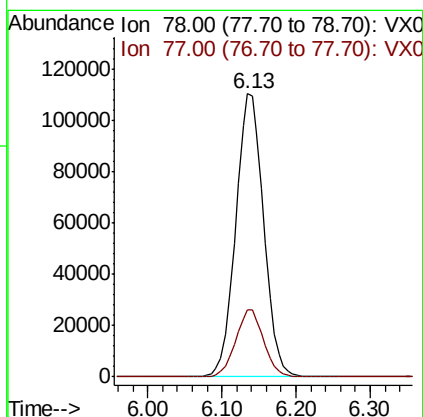
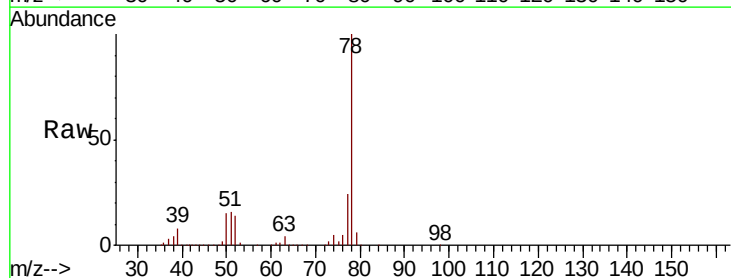
Instrument :
MSVOA_X
ClientSampleId :

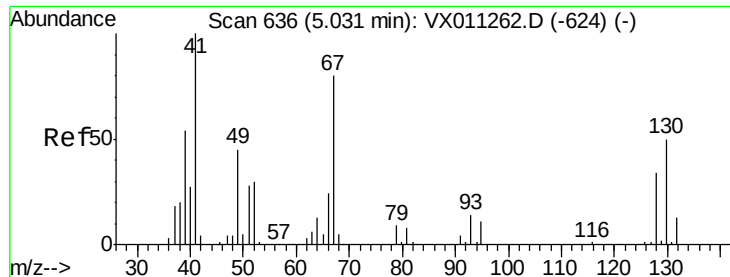
Tot Ion: 83 Resp: 107726
Ion Ratio Lower Upper
83 100
55 67.8 56.1 84.1
98 45.4 39.0 58.4



#40
Benzene
Concen: 47.782 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 78 Resp: 290220
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2

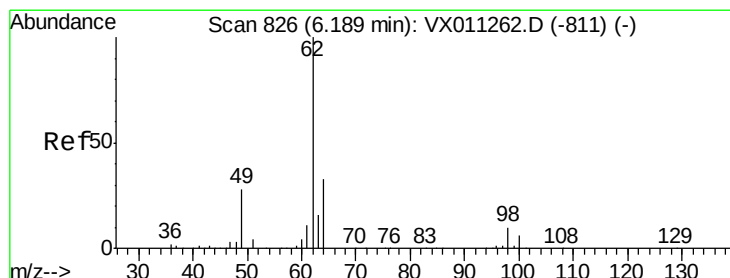
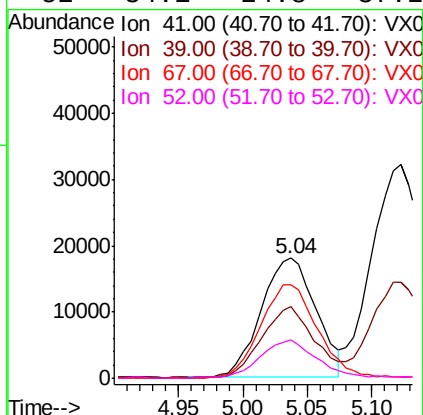
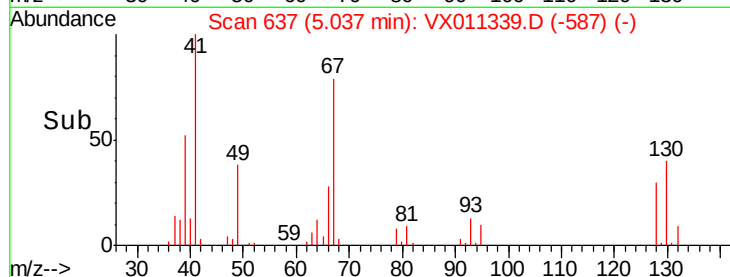
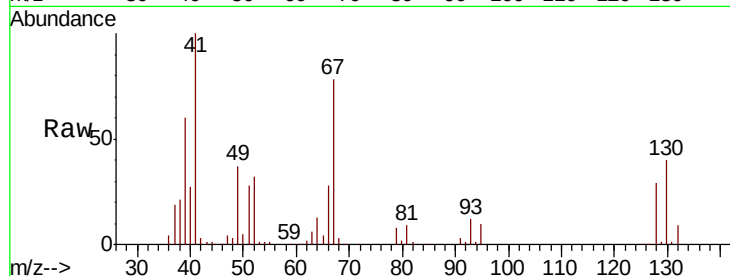




#41
Methacrylonitrile
Concen: 47.906 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

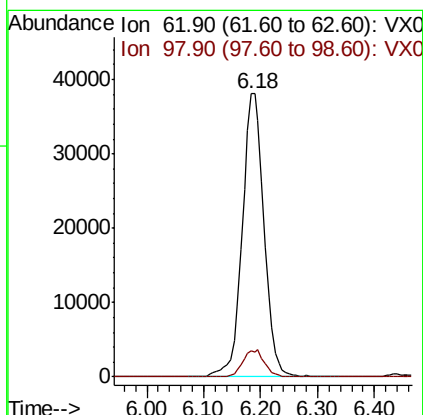
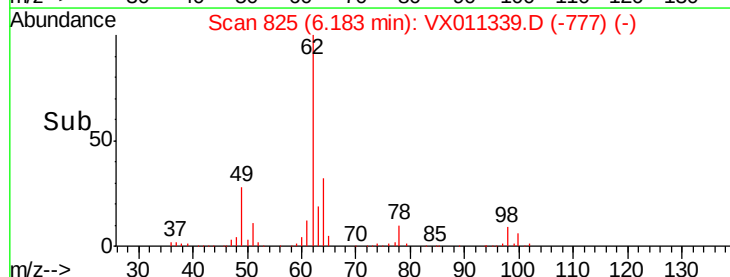
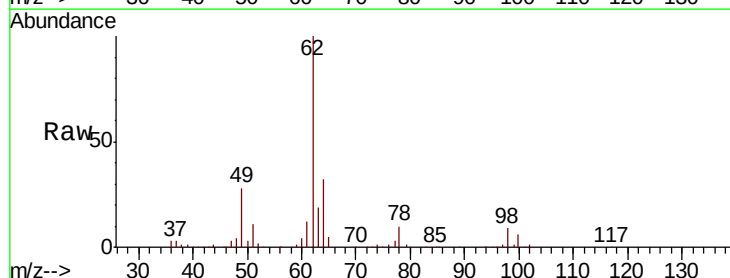
Instrument :
MSVOA_X
ClientSampleId :

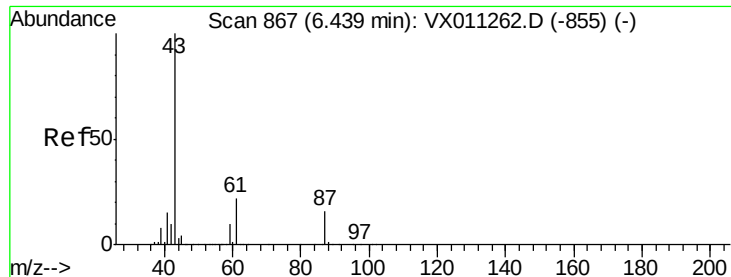
Tot Ion: 41 Resp: 53415
Ion Ratio Lower Upper
41 100
39 57.9 43.0 64.6
67 82.0 65.1 97.7
52 34.1 24.8 37.2



#42
1,2-Dichloroethane
Concen: 49.633 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 62 Resp: 101938
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.6



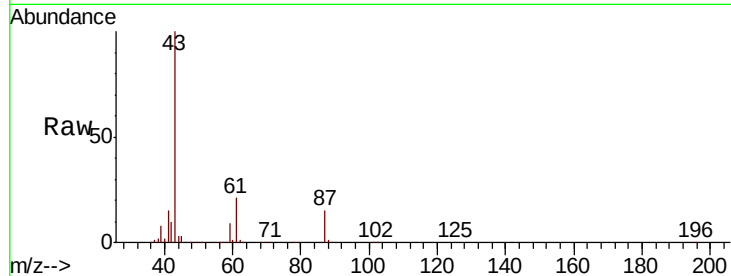


#43

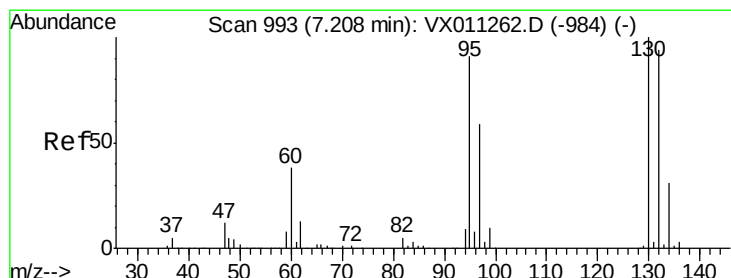
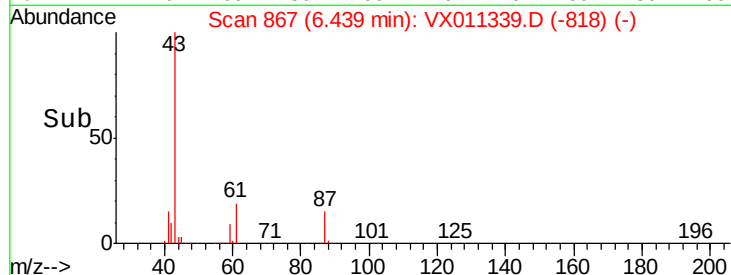
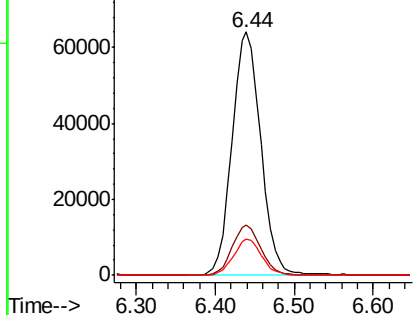
Isopropyl Acetate
 Concen: 49.513 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.5	24.7
87	14.9	12.1	18.1



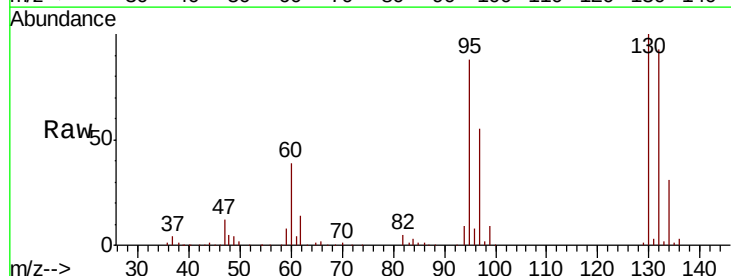
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



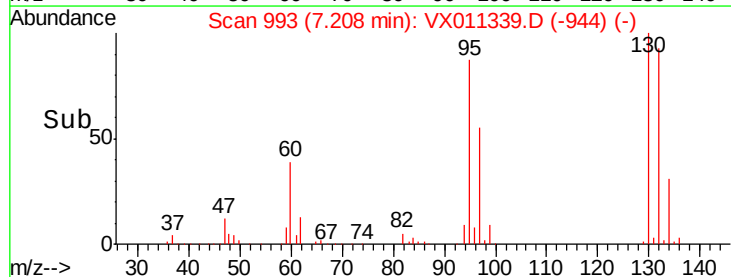
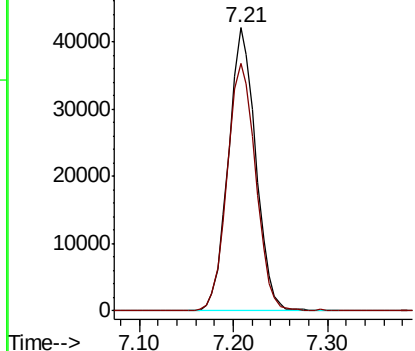
#44

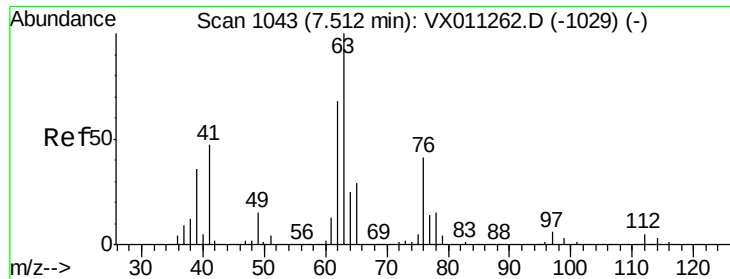
Trichloroethene
 Concen: 46.373 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	182.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

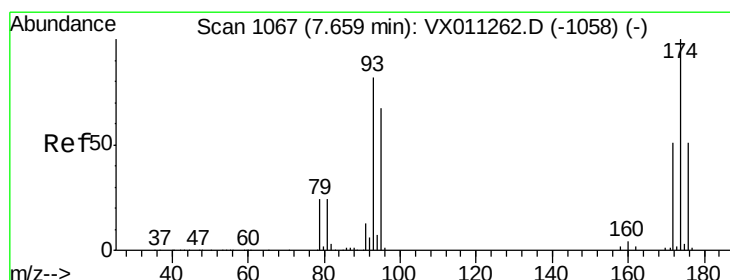
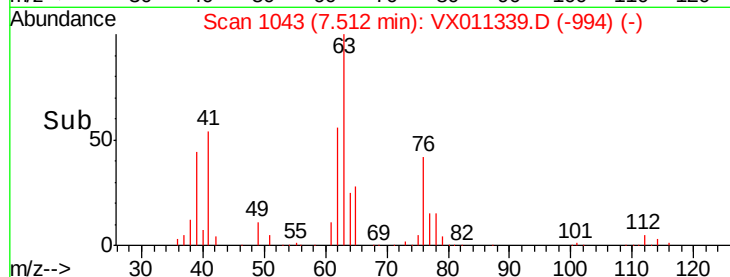
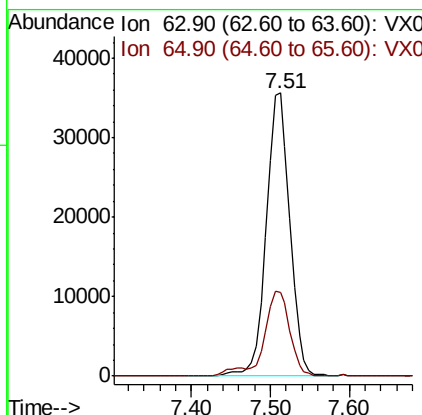
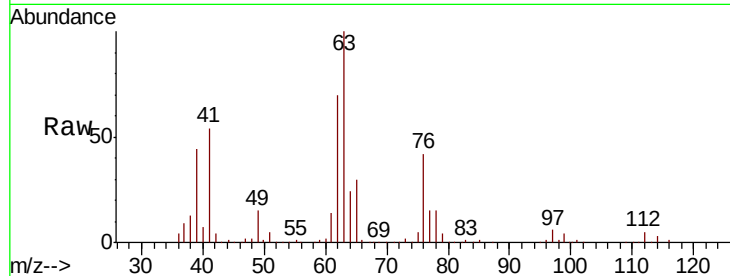




#45
 1,2-Dichloropropane
 Concen: 47.062 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

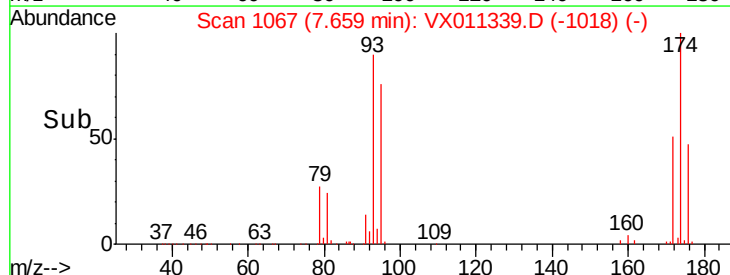
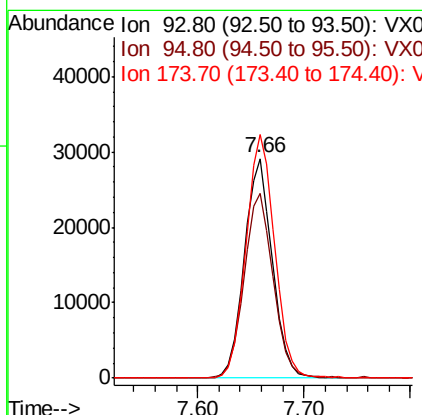
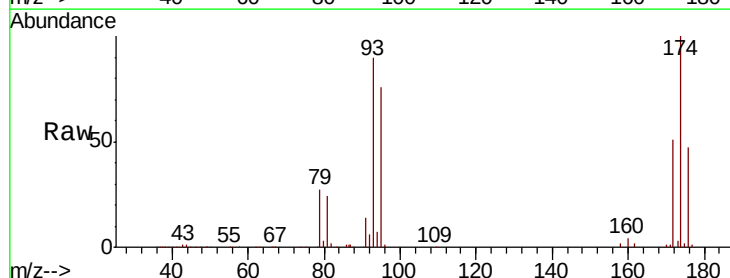
Instrument :
 MSVOA_X
 ClientSampleId :

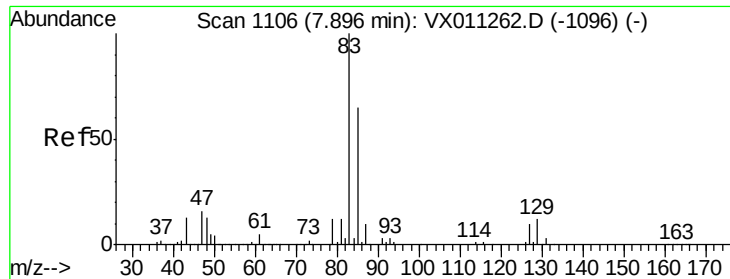
Tot Ion: 63 Resp: 74028
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.3 34.9



#46
 Dibromomethane
 Concen: 46.902 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion: 93 Resp: 53858
 Ion Ratio Lower Upper
 93 100
 95 87.1 66.4 99.6
 174 113.6 93.4 140.2





#47

Bromodichloromethane

Concen: 51.499 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

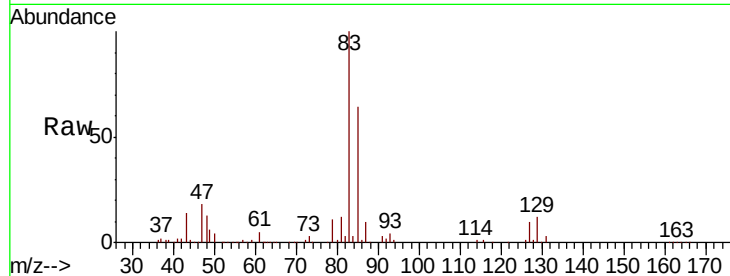
Tot Ion: 83 Resp: 100124

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.2

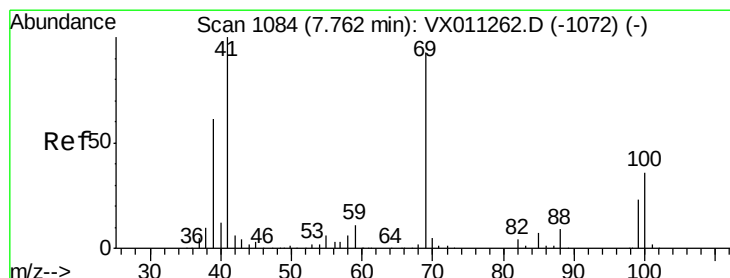
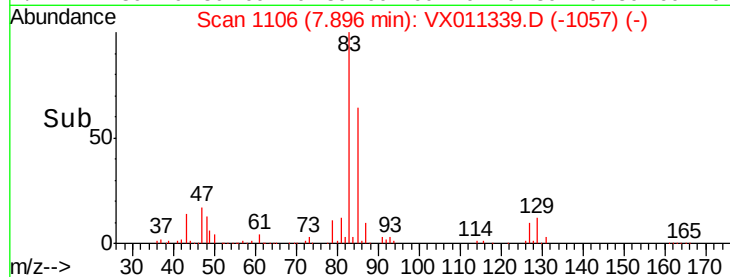
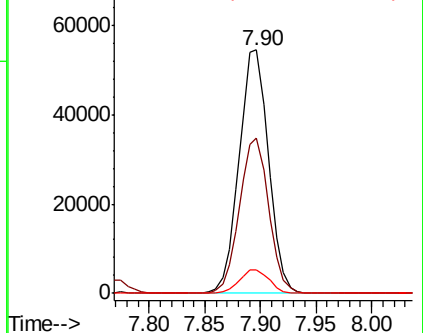
127 9.5 7.8 11.8



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: 52.266 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

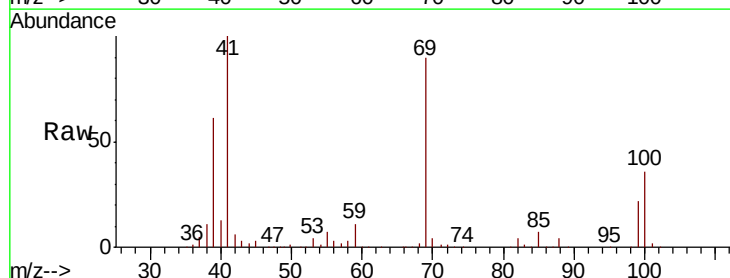
Tgt Ion: 41 Resp: 80289

Ion Ratio Lower Upper

41 100

69 89.7 74.5 111.7

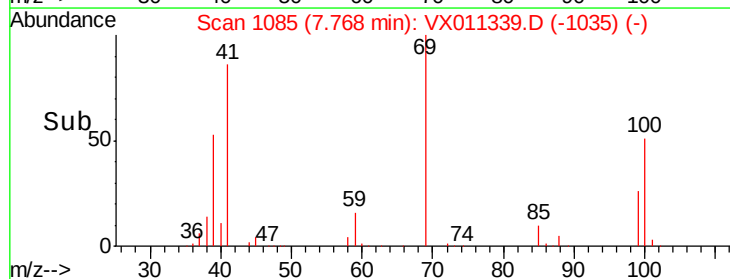
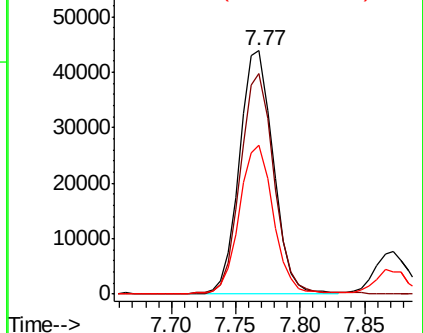
39 60.9 48.6 72.8

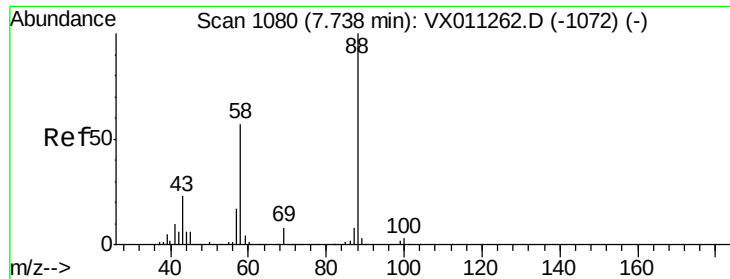


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

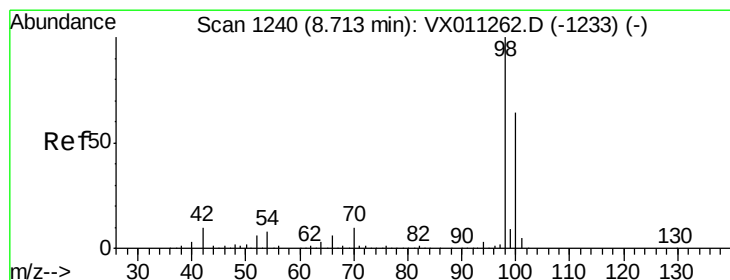
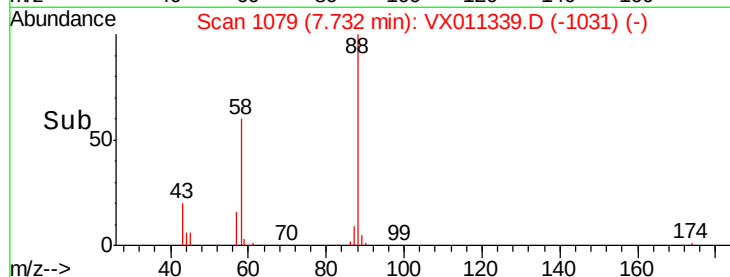
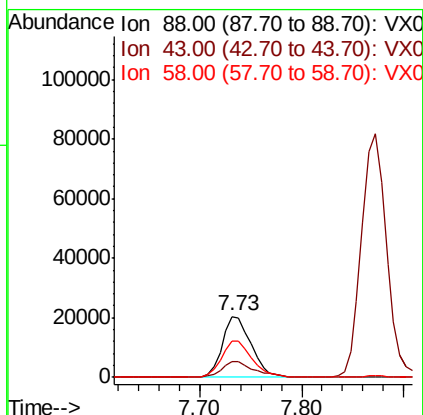
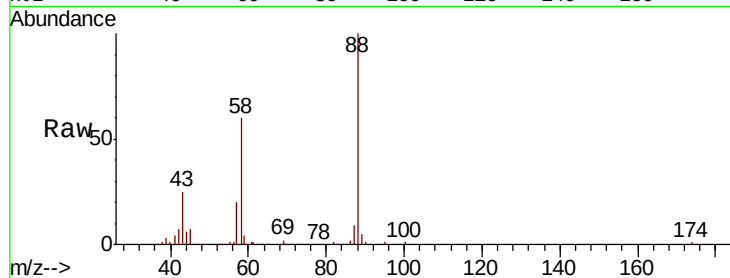




#49
 1,4-Dioxane
 Concen: 904.854 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

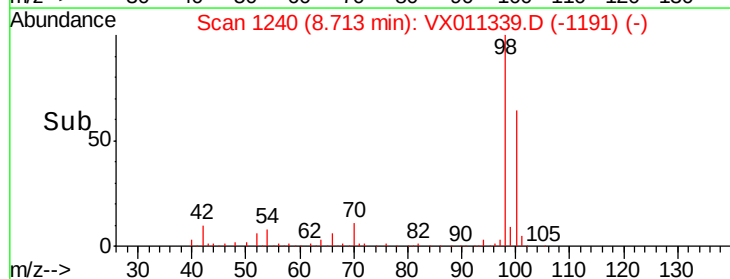
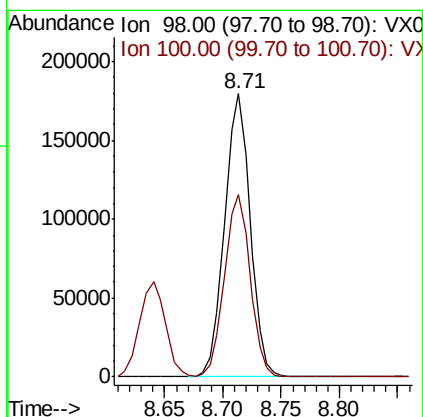
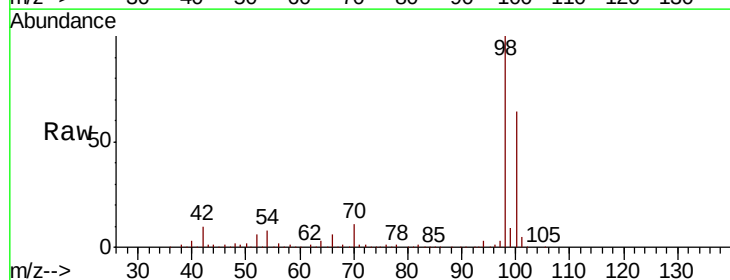
Instrument :
 MSVOA_X
 ClientSampled :

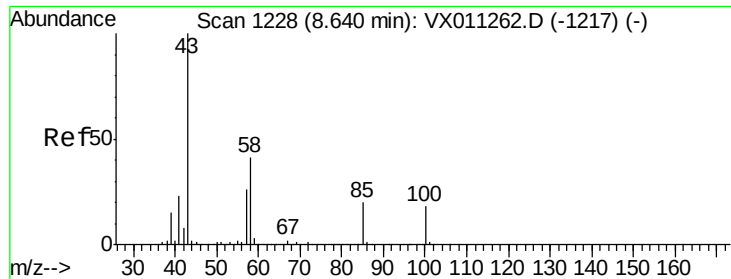
Tot Ion	88	Resp	40297
Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.2
58	63.3	47.8	71.8



#50
 Toluene-d8
 Concen: 47.577 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion	98	Resp	273340
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 260.757 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

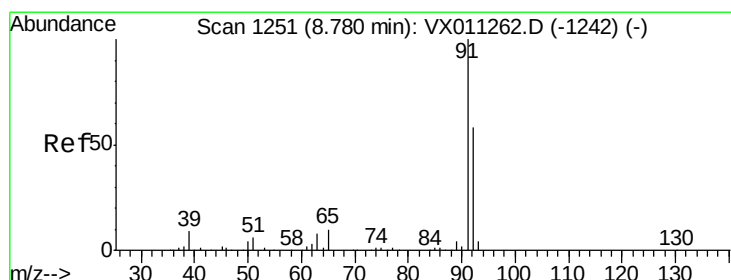
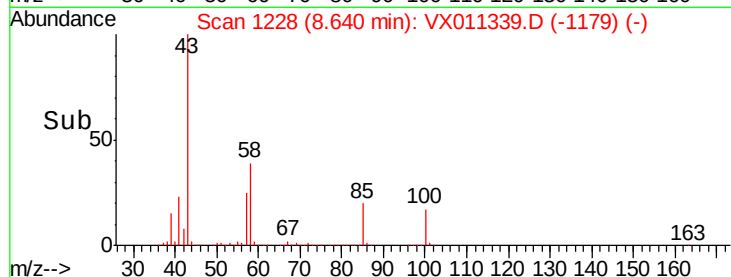
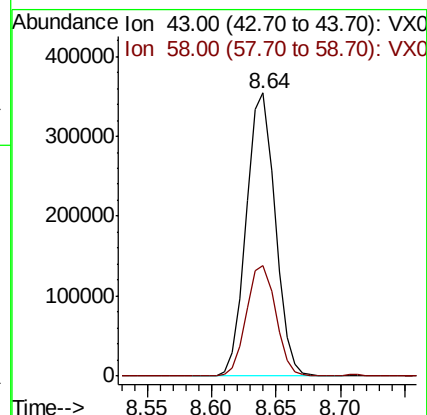
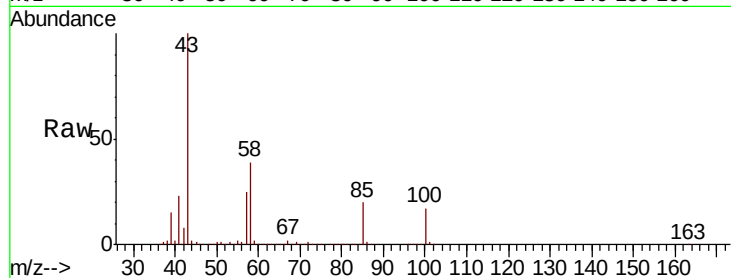
ClientSampleId :

Tot Ion: 43 Resp: 549299

Ion Ratio Lower Upper

43 100

58 39.9 32.3 48.5



#52

Toluene

Concen: 48.654 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011339.D

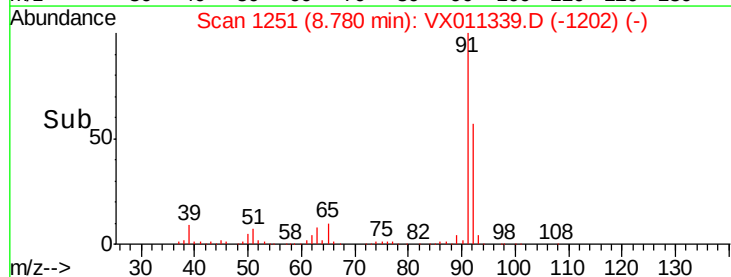
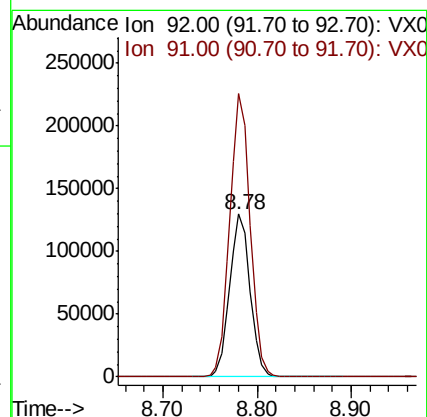
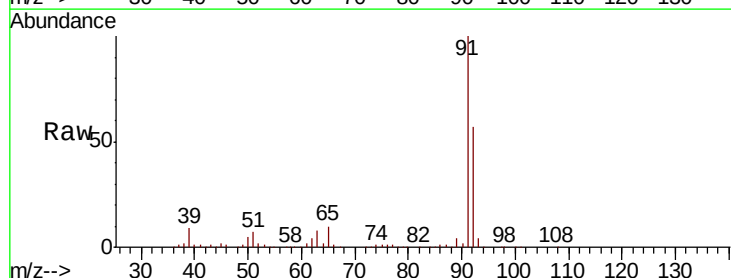
Acq: 05 Aug 2019 20:21

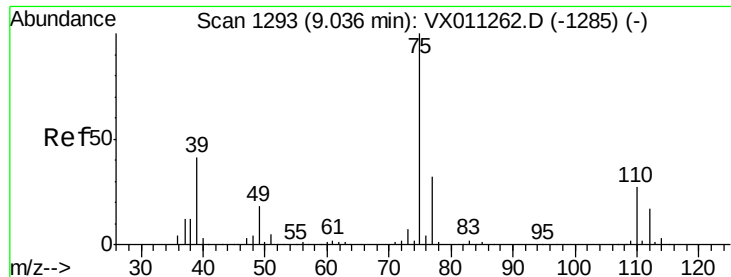
Tgt Ion: 92 Resp: 195386

Ion Ratio Lower Upper

92 100

91 174.0 139.4 209.0

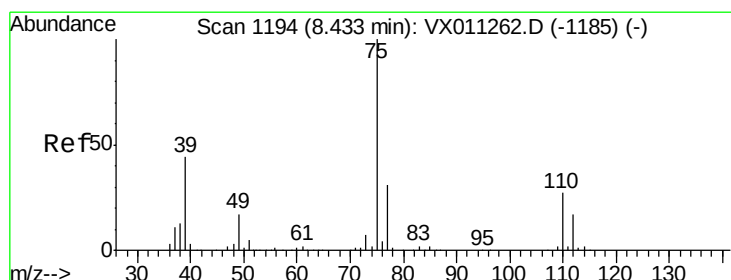
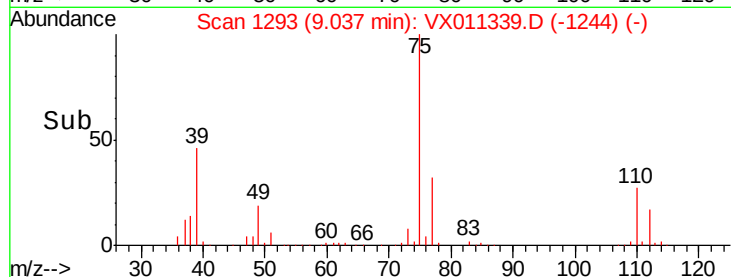
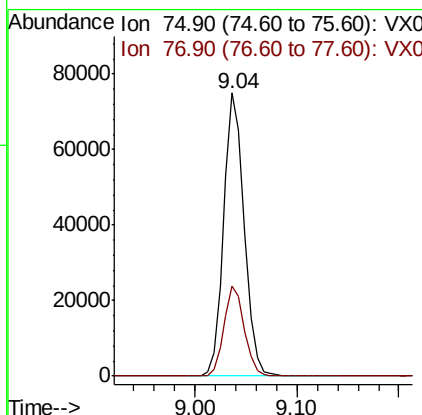
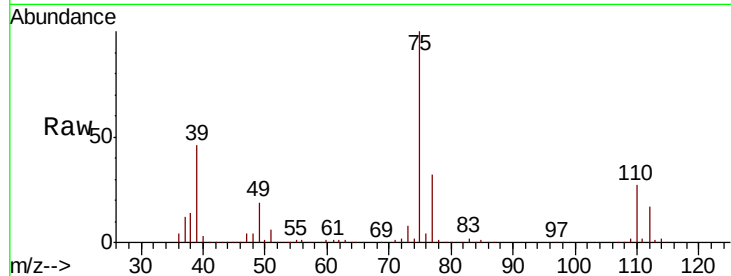




#53
t-1,3-Dichloropropene
Concen: 46.515 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

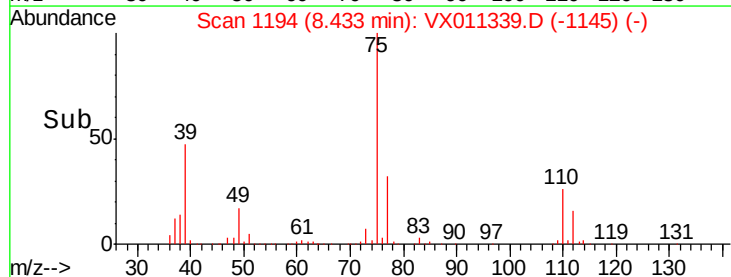
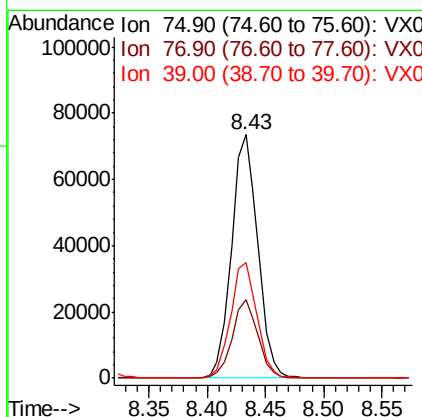
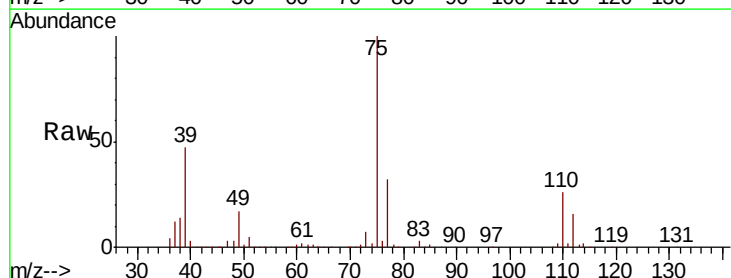
Instrument :
MSVOA_X
ClientSampleId :

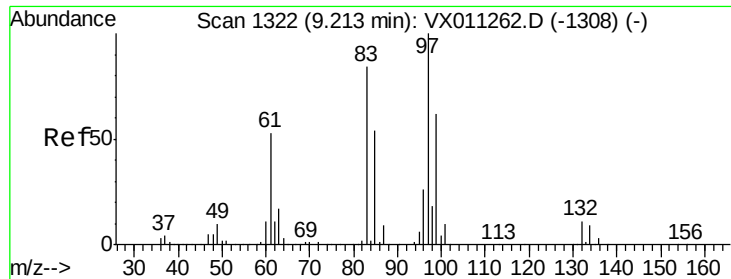
Tot Ion: 75 Resp: 104844
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.816 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 75 Resp: 115407
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
39 47.2 35.3 52.9

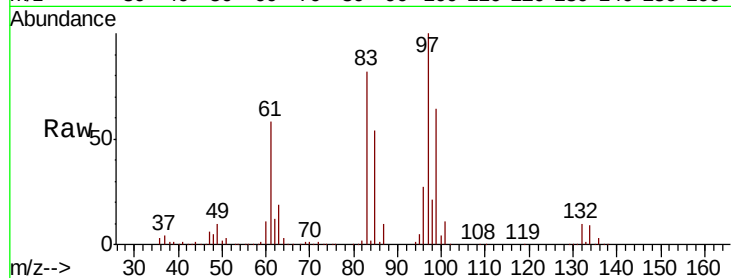




#55
 1,1,2-Trichloroethane
 Concen: 49.620 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	81928
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.6	101.4
85	54.2	43.4	65.0
99	64.2	49.6	74.4



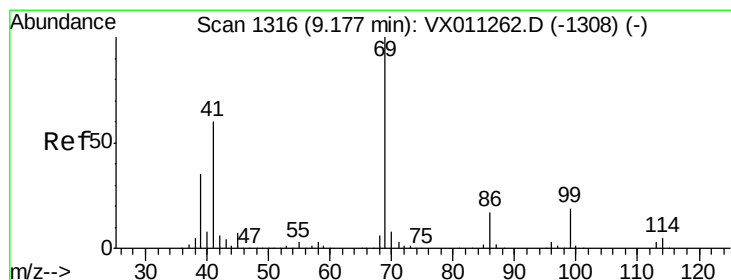
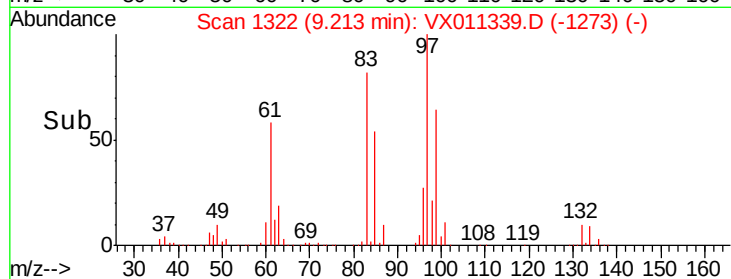
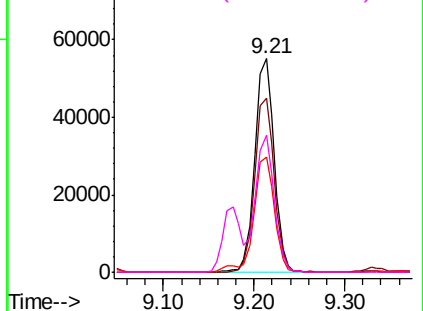
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

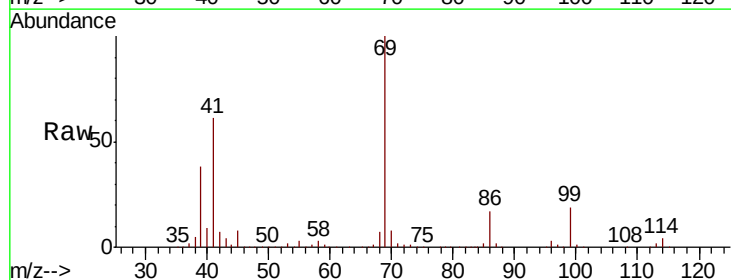
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 50.983 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion:	69	Resp:	119959
Ion	Ratio	Lower	Upper
69	100		
41	62.8	48.6	73.0
39	37.4	29.4	44.2

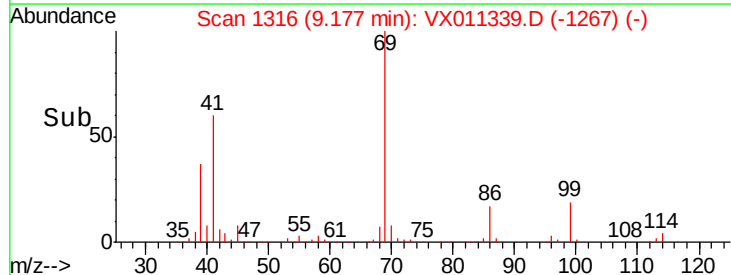
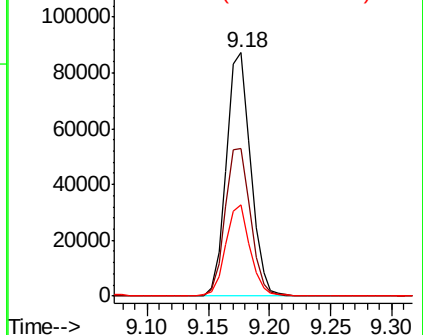


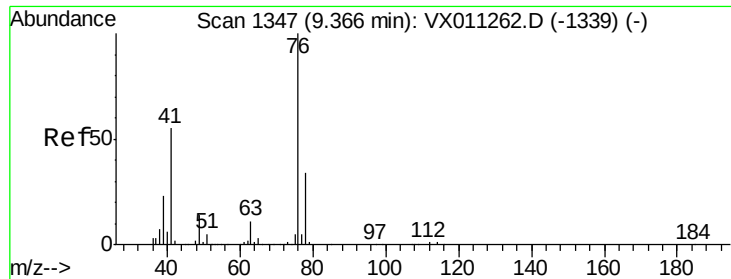
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

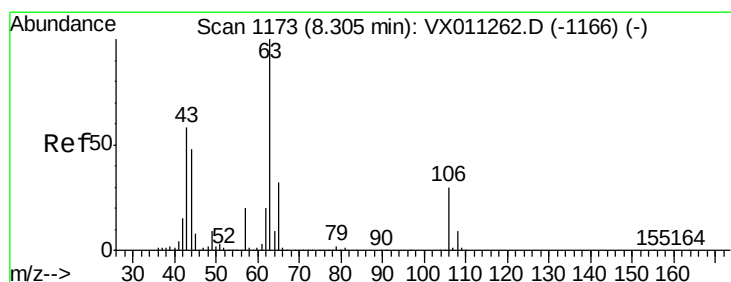
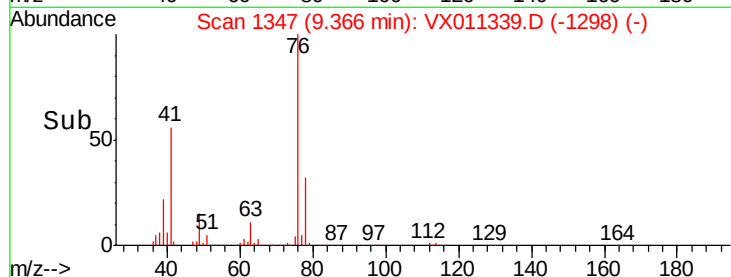
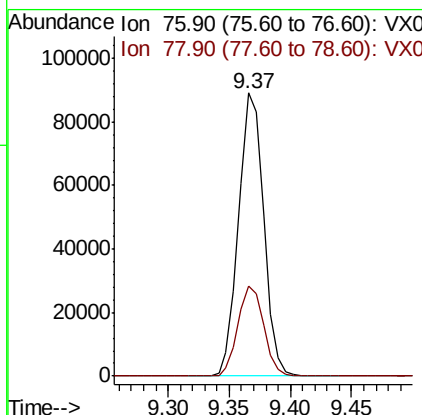
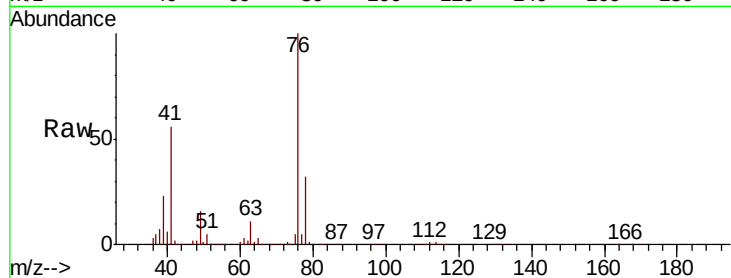




#57
 1,3-Dichloropropane
 Concen: 48.553 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

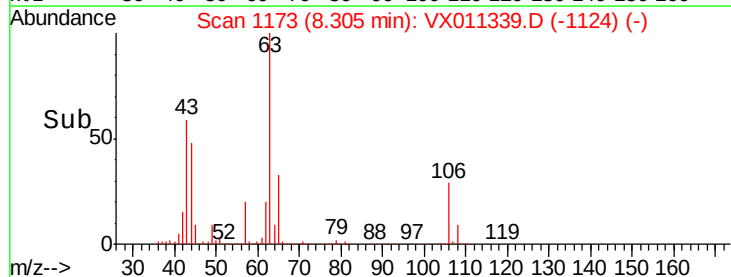
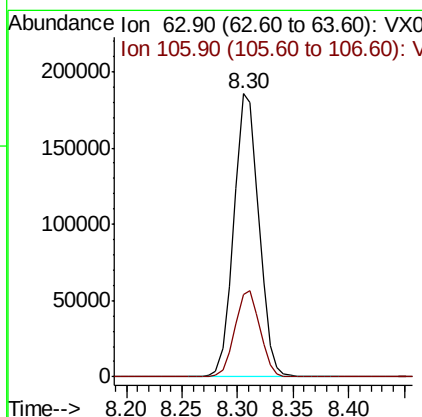
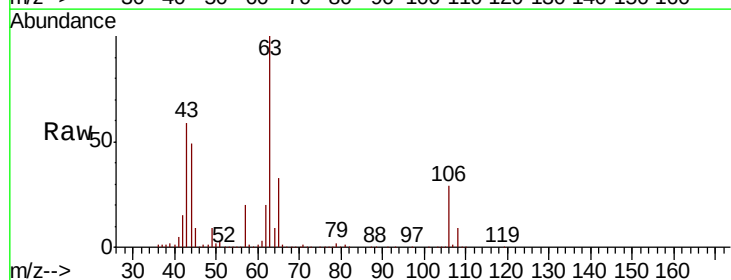
Instrument :
 MSVOA_X
 ClientSampleId :

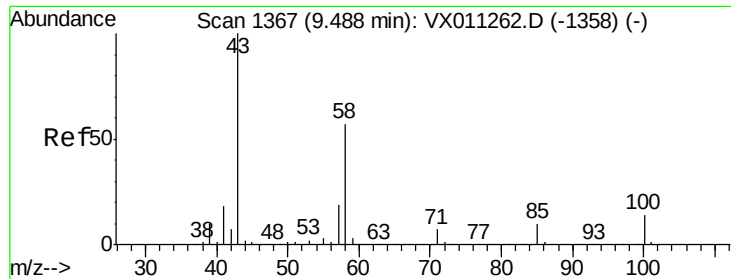
Tot Ion: 76 Resp: 126783
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.314 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion: 63 Resp: 288436
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.4 36.6

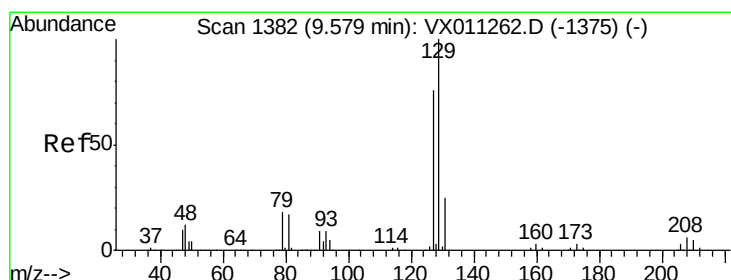
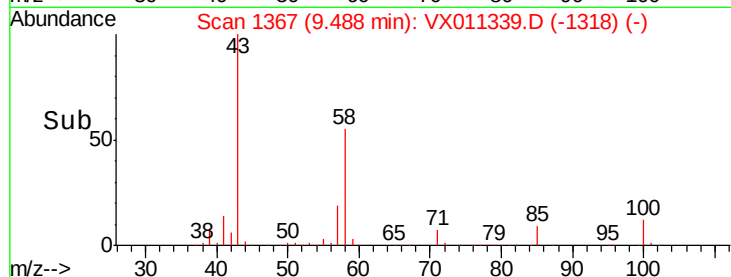
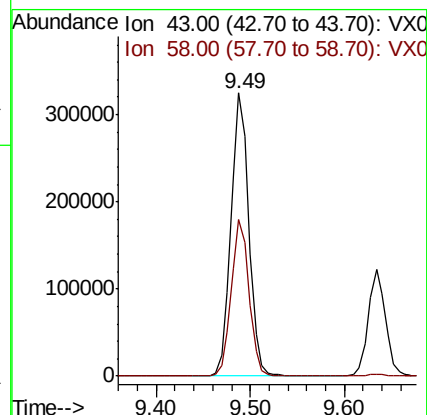
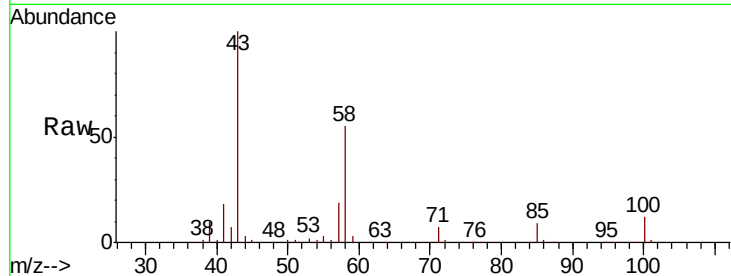




#59
2-Hexanone
Concen: 261.397 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

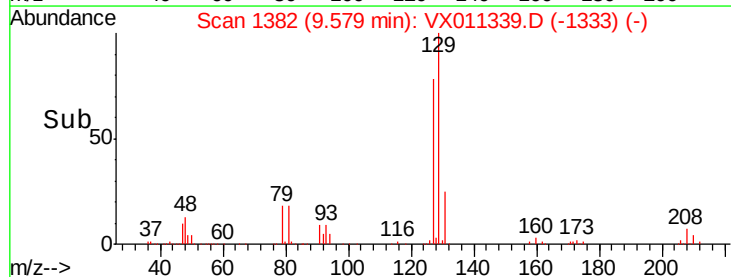
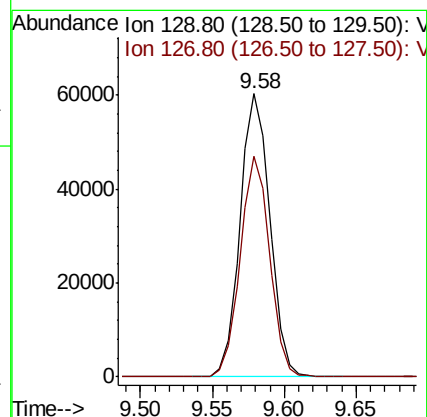
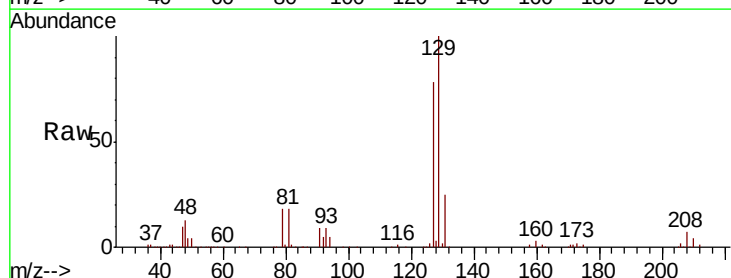
Instrument :
MSVOA_X
ClientSampleId :

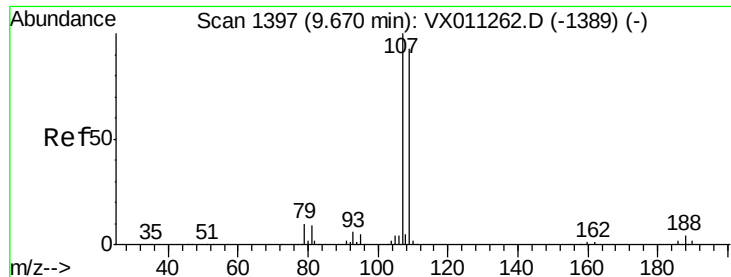
Tot Ion: 43 Resp: 426511
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.6



#60
Dibromochloromethane
Concen: 51.337 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 129 Resp: 86782
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.467 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

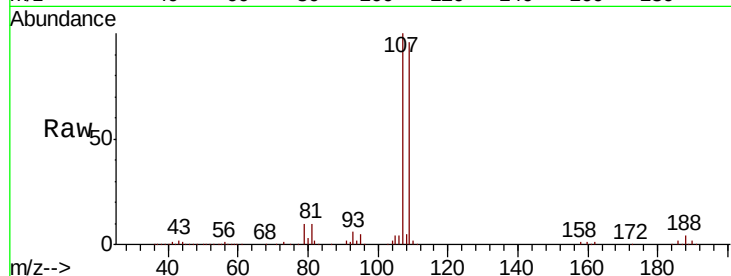
ClientSampleId :

Tot Ion:107 Resp: 88243

Ion Ratio Lower Upper

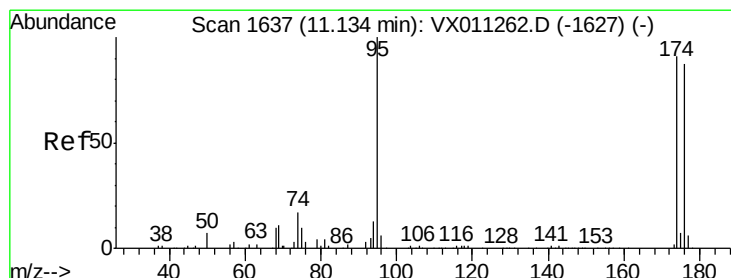
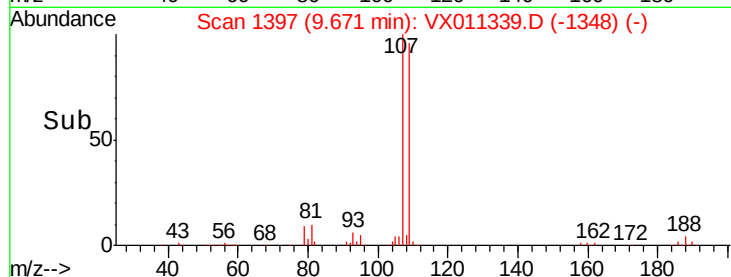
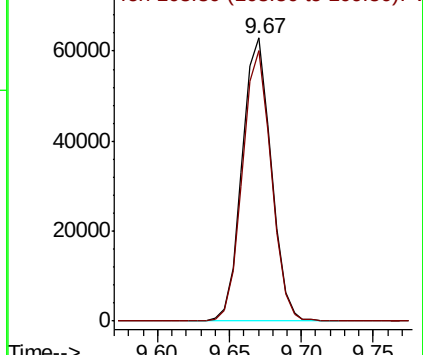
107 100

109 94.9 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.197 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

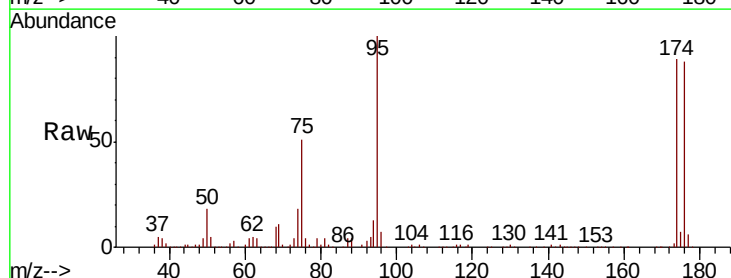
Tgt Ion: 95 Resp: 100913

Ion Ratio Lower Upper

95 100

174 93.4 0.0 191.2

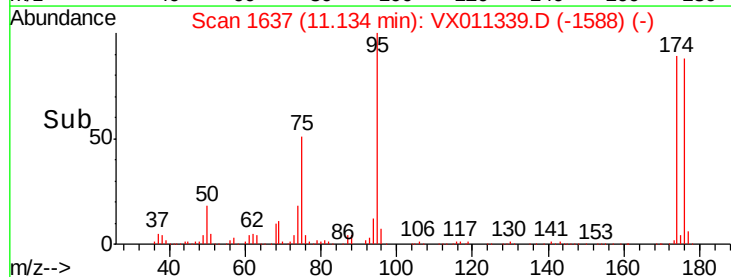
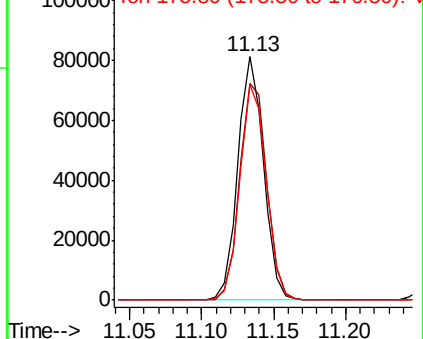
176 90.1 0.0 184.8

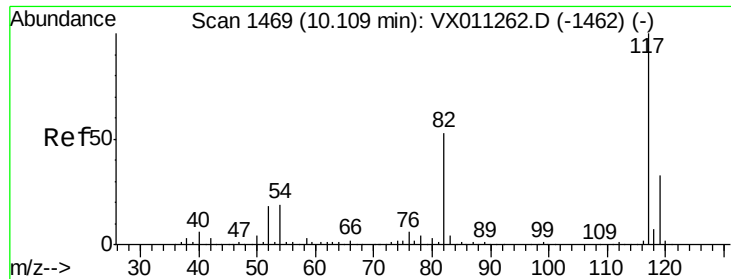


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

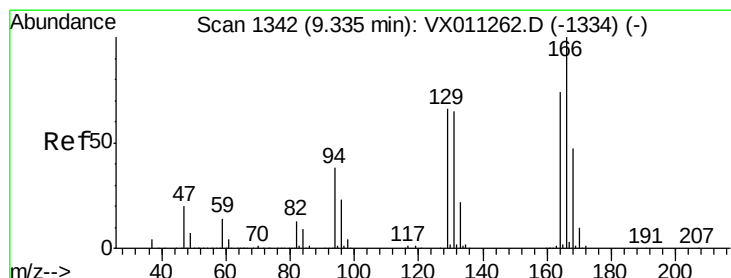
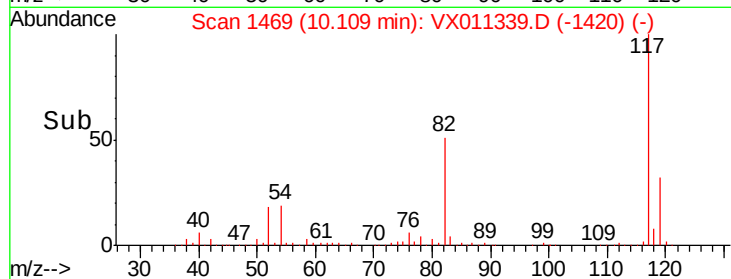
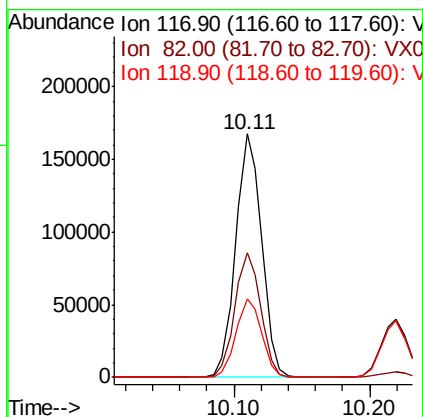
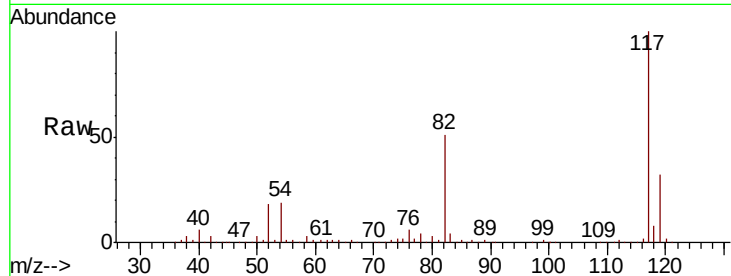




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

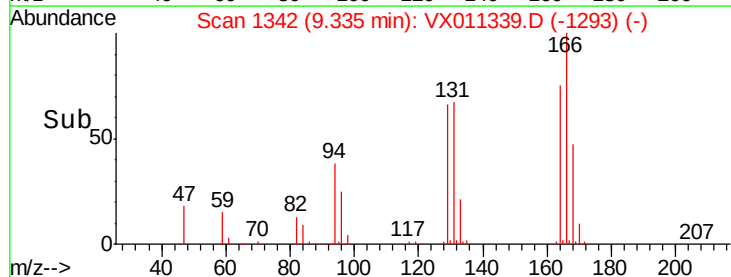
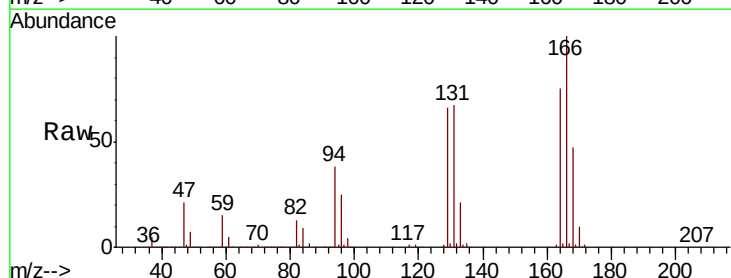
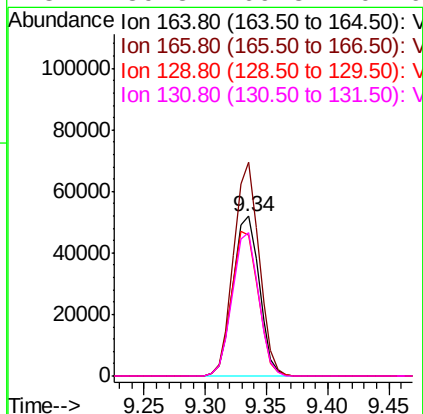
Instrument :
MSVOA_X
ClientSampled :

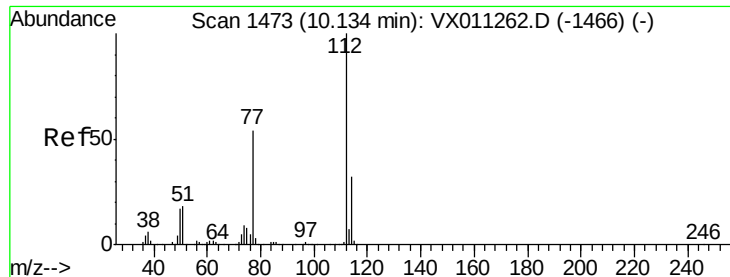
Tot Ion:117 Resp: 221965
Ion Ratio Lower Upper
117 100
82 51.1 42.2 63.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 41.060 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion:164 Resp: 77398
Ion Ratio Lower Upper
164 100
166 133.6 107.5 161.3
129 88.5 71.0 106.4
131 89.3 69.8 104.6

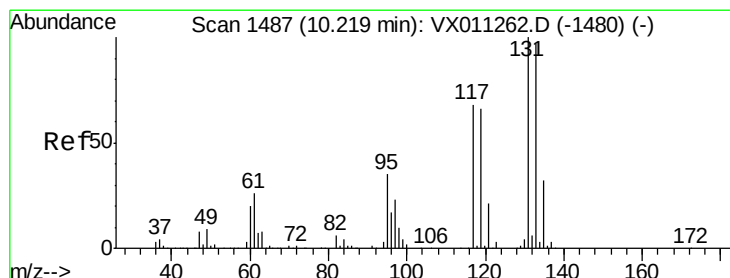
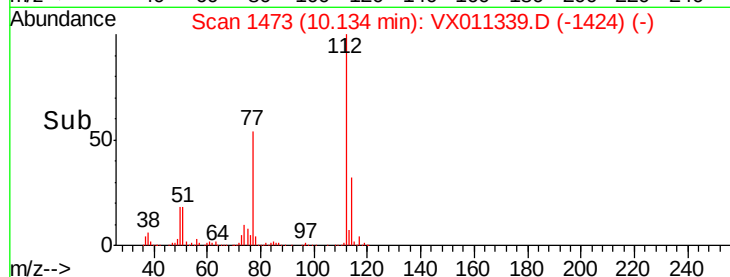
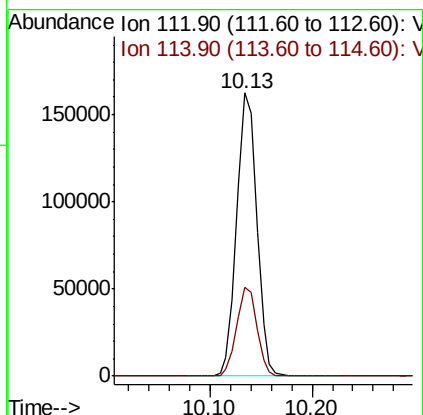
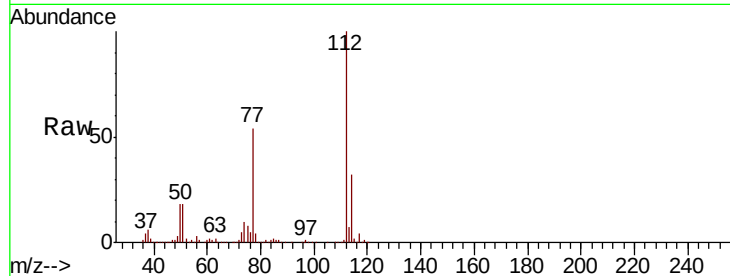




#65
Chlorobenzene
Concen: 46.231 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

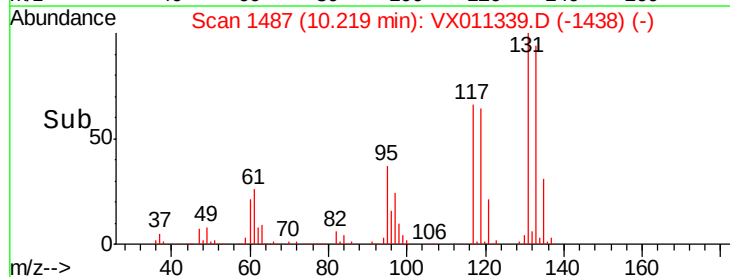
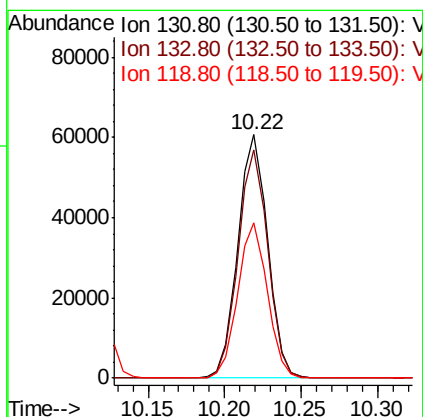
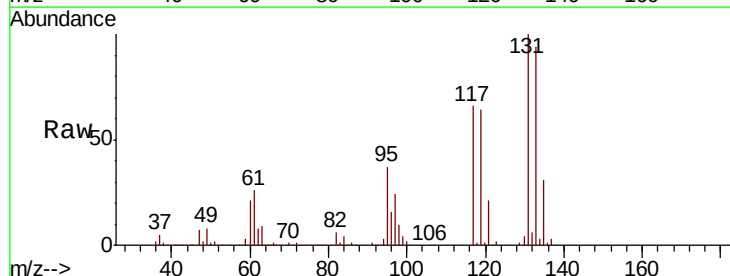
Instrument :
MSVOA_X
ClientSampled :

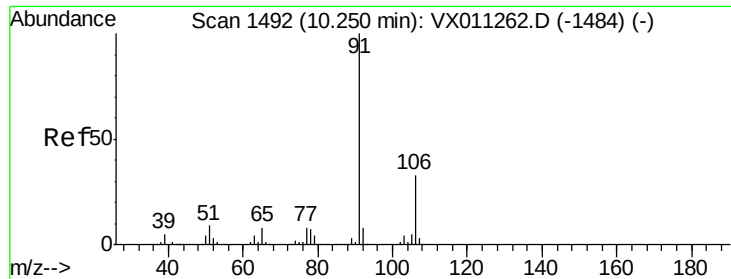
Tot Ion:112 Resp: 220023
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.260 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion:131 Resp: 81890
Ion Ratio Lower Upper
131 100
133 93.6 47.7 143.1
119 63.2 32.8 98.3

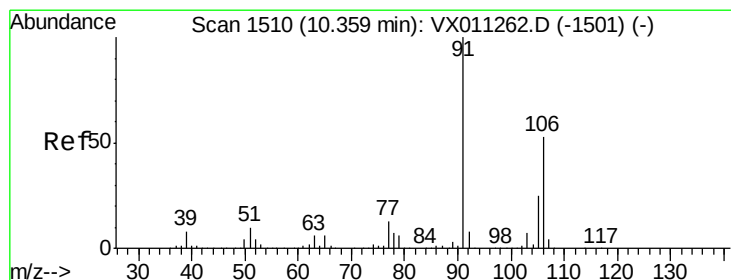
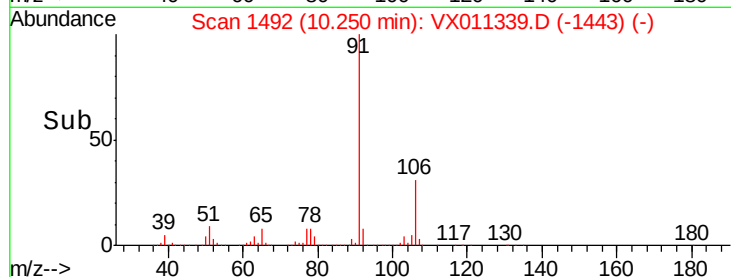
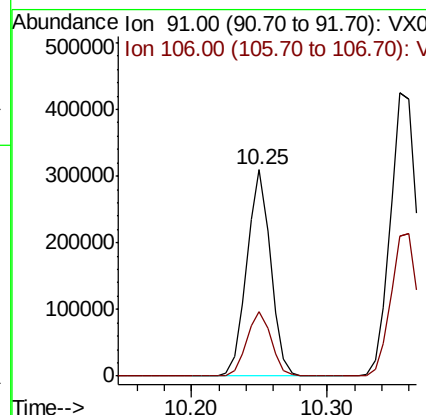
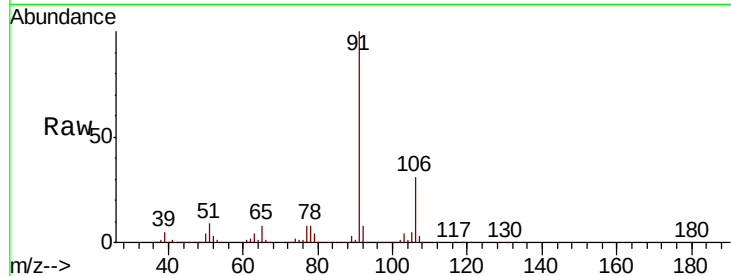




#67
Ethyl Benzene
Concen: 47.491 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

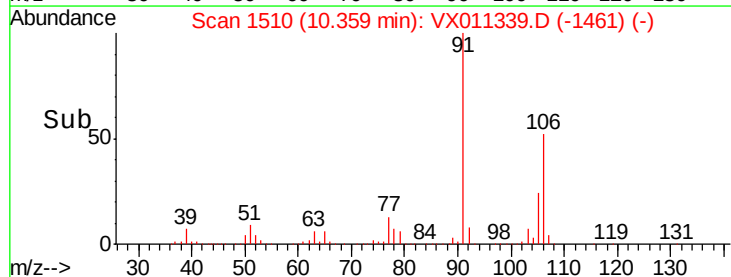
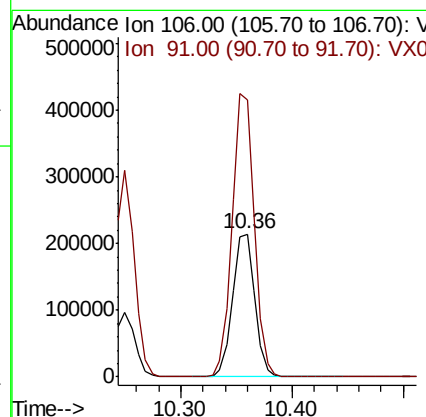
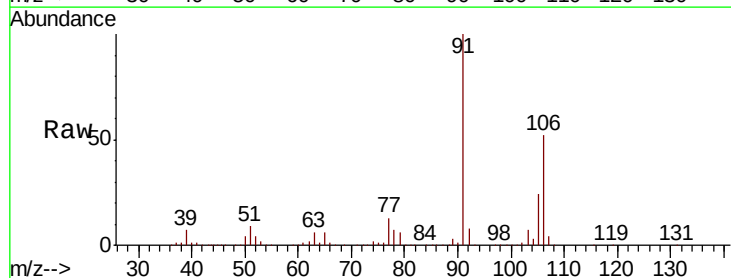
Instrument :
MSVOA_X
ClientSampleId :

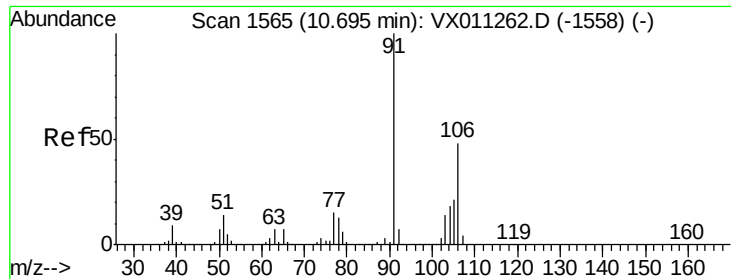
Tot Ion: 91 Resp: 378529
Ion Ratio Lower Upper
91 100
106 31.4 26.2 39.4



#68
m/p-Xylenes
Concen: 95.765 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 106 Resp: 295242
Ion Ratio Lower Upper
106 100
91 197.2 155.9 233.9

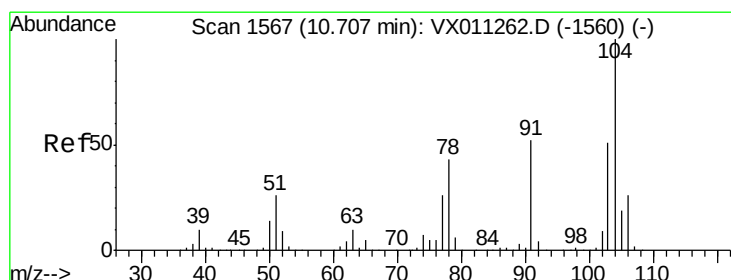
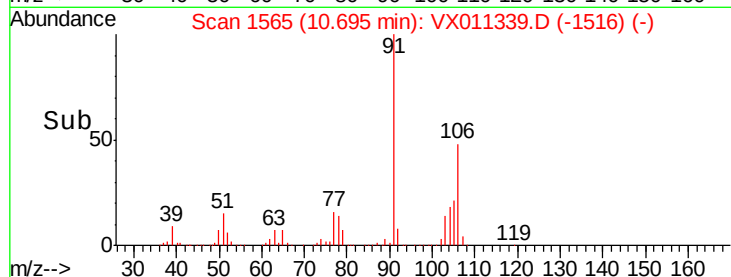
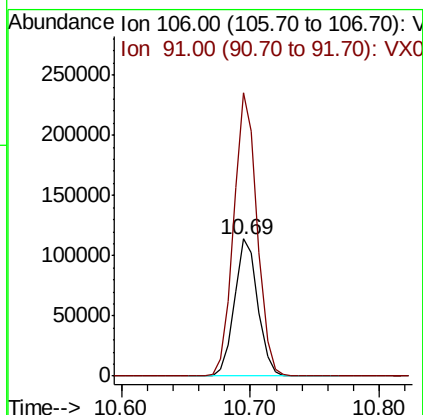
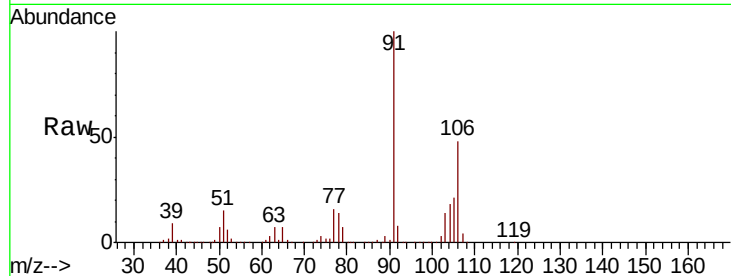




#69
o-Xylene
Concen: 47.618 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

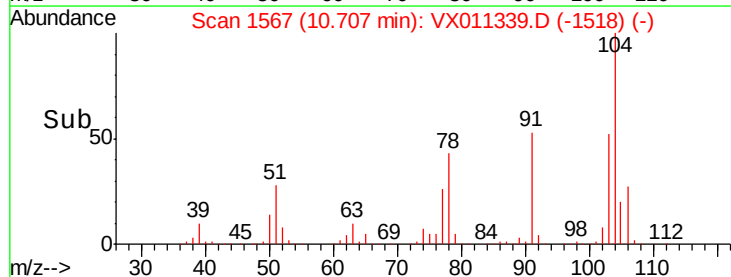
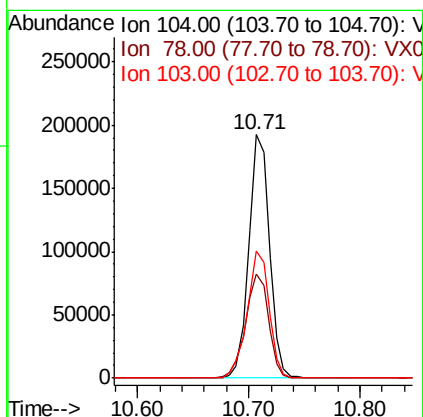
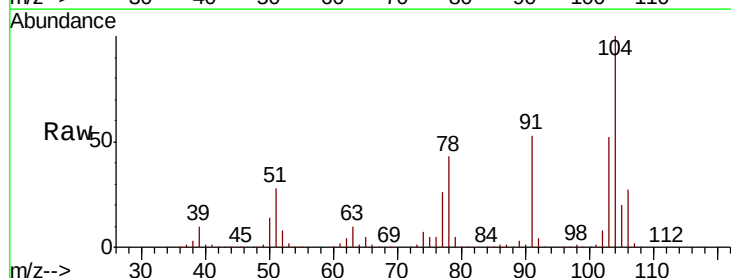
Instrument :
MSVOA_X
ClientSampleId :

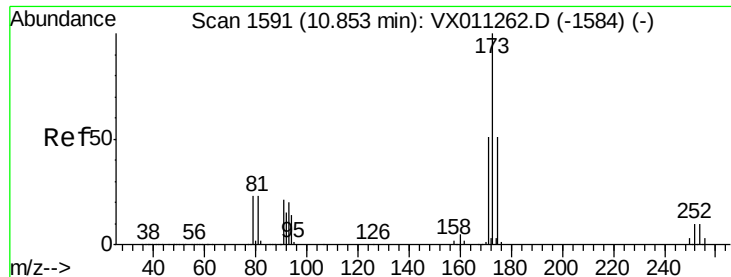
Tot Ion:106 Resp: 144242
Ion Ratio Lower Upper
106 100
91 206.2 103.8 311.3



#70
Styrene
Concen: 49.577 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion:104 Resp: 248487
Ion Ratio Lower Upper
104 100
78 47.8 36.9 55.3
103 55.5 44.4 66.6





#71

Bromoform

Concen: 45.559 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

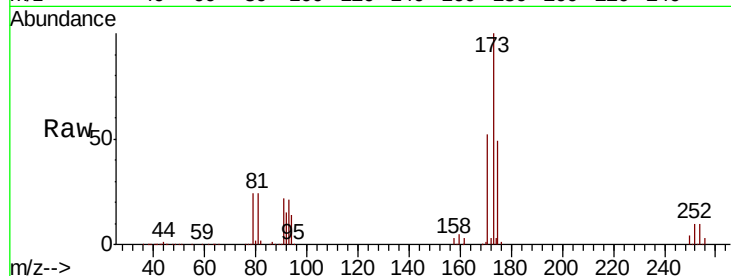
Tot Ion:173 Resp: 65983

Ion Ratio Lower Upper

173 100

175 50.0 24.4 73.4

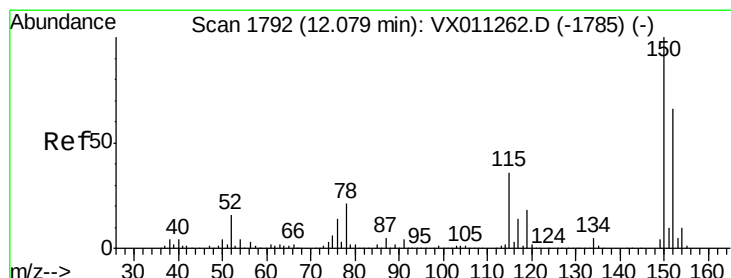
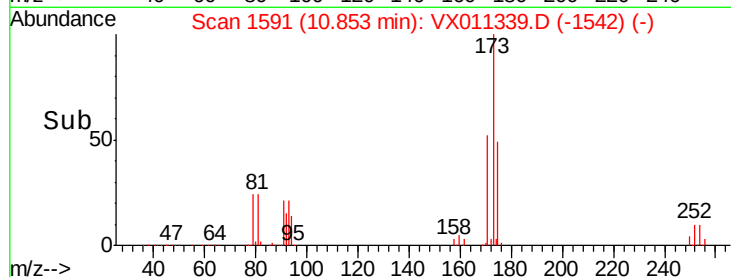
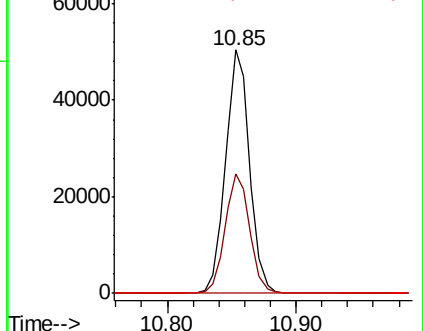
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

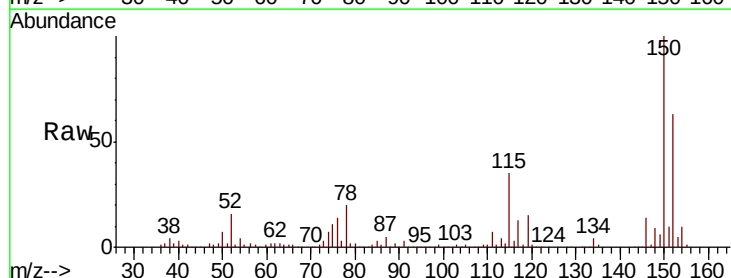
Tgt Ion:152 Resp: 120954

Ion Ratio Lower Upper

152 100

115 79.3 40.0 119.9

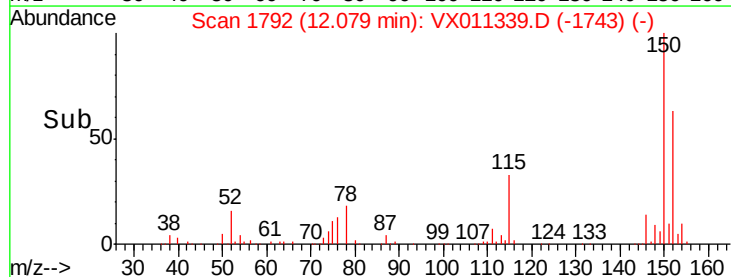
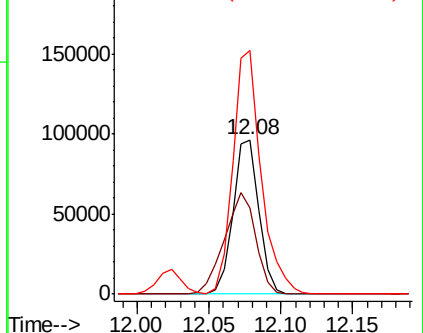
150 172.5 0.0 350.4

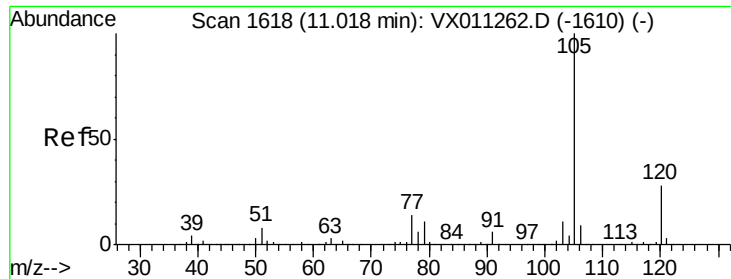


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.953 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

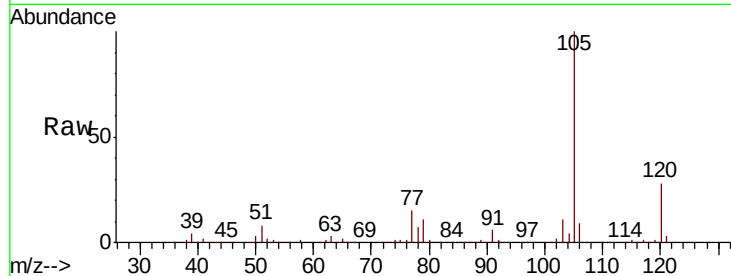
ClientSampleId :

Tot Ion:105 Resp: 388414

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

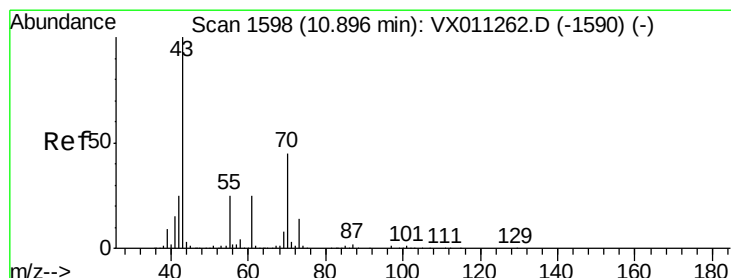
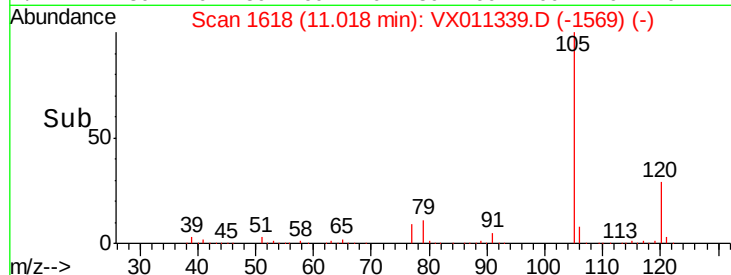
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 51.172 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Tgt Ion: 43 Resp: 152956

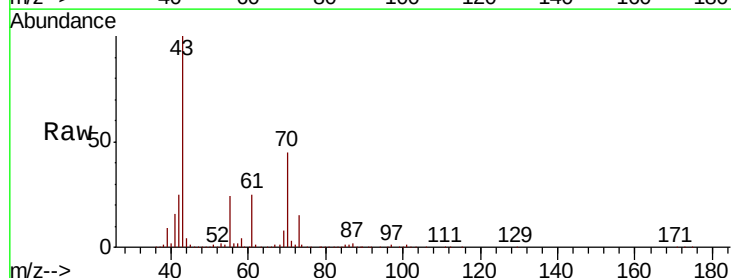
Ion Ratio Lower Upper

43 100

70 44.5 35.9 53.9

55 25.1 19.8 29.6

61 24.8 19.7 29.5



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

200000

150000

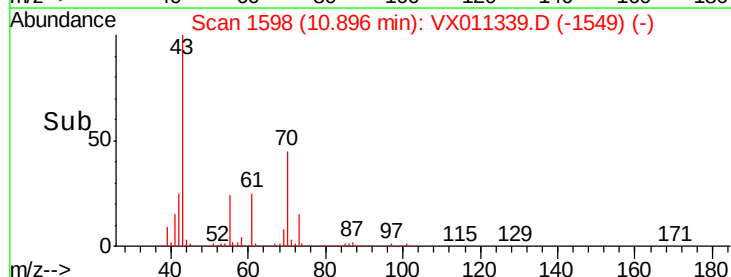
100000

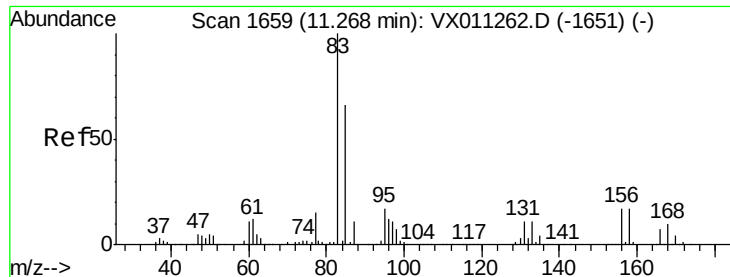
50000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.165 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampled :

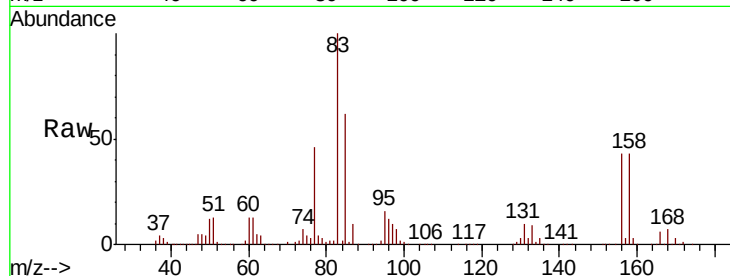
Tot Ion: 83 Resp: 132780

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

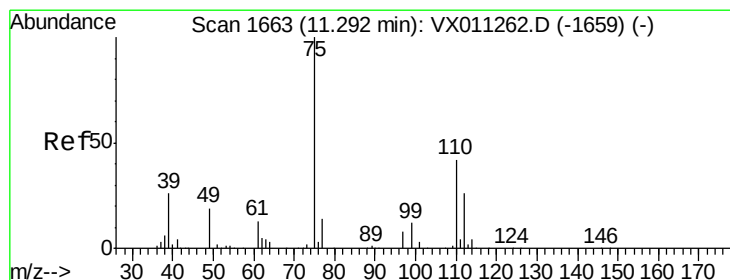
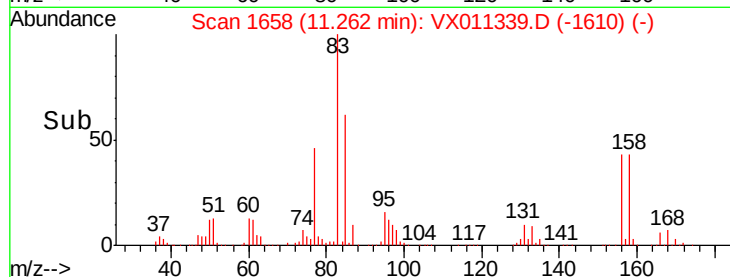
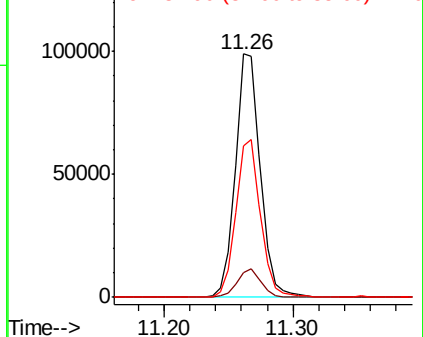
85 64.3 32.1 96.5



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: 64.416 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011339.D

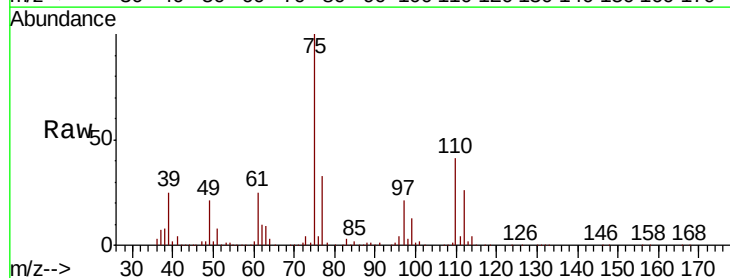
Acq: 05 Aug 2019 20:21

Tgt Ion: 75 Resp: 141890

Ion Ratio Lower Upper

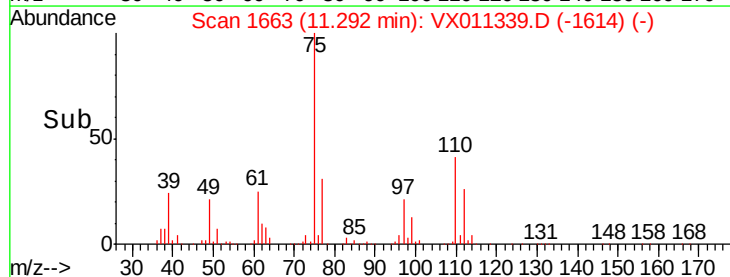
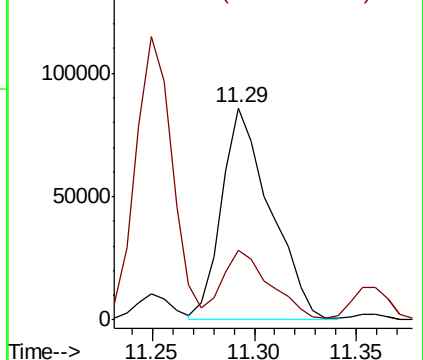
75 100

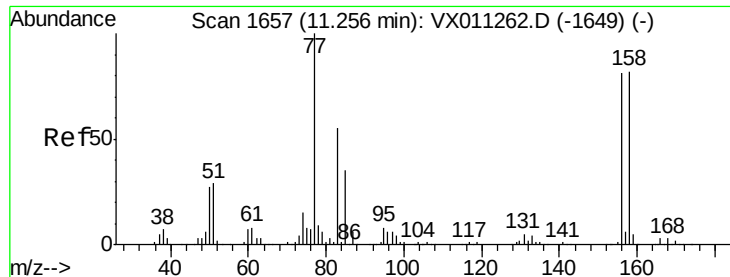
77 32.2 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.696 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

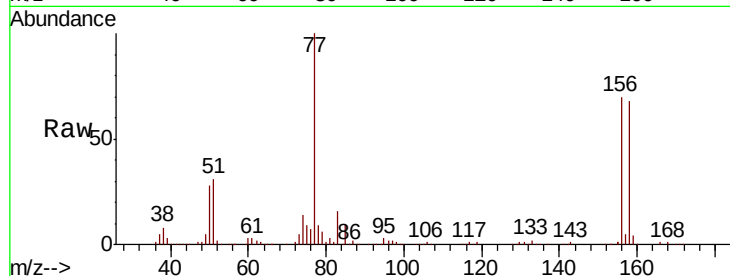
Tot Ion:156 Resp: 104821

Ion Ratio Lower Upper

156 100

77 136.7 66.2 198.6

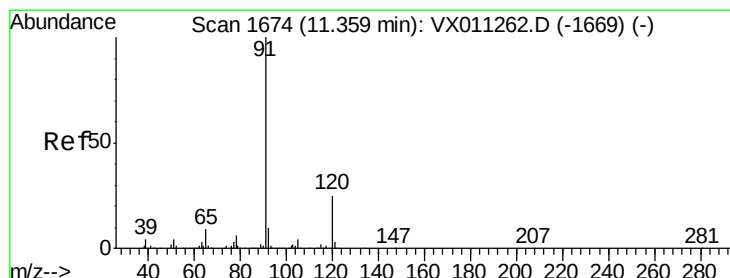
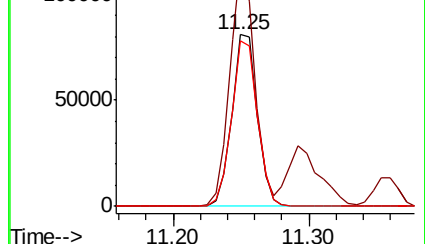
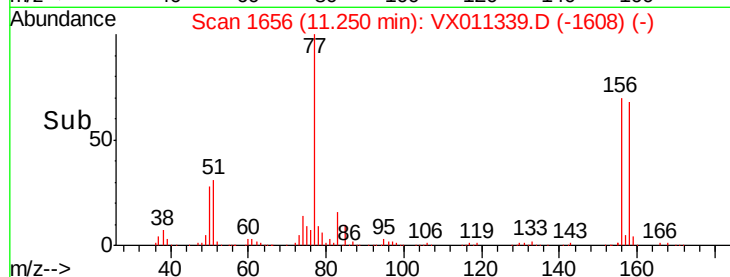
158 97.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.317 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011339.D

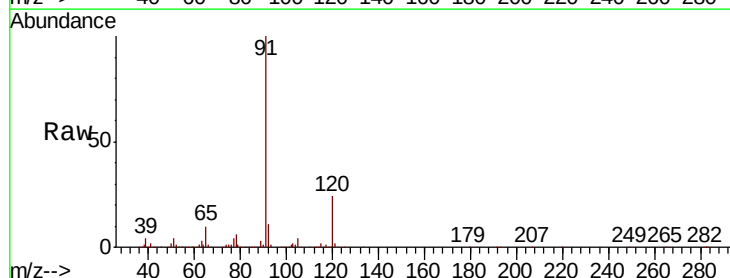
Acq: 05 Aug 2019 20:21

Tgt Ion: 91 Resp: 435286

Ion Ratio Lower Upper

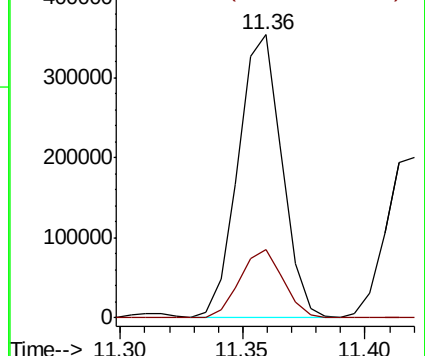
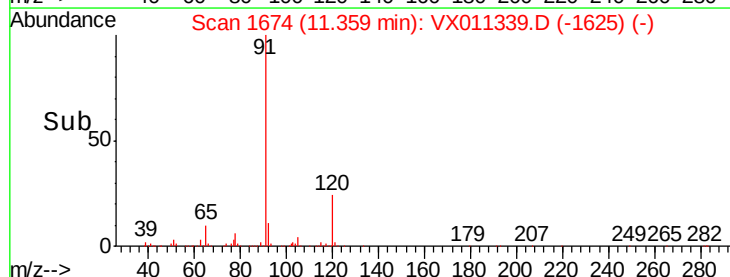
91 100

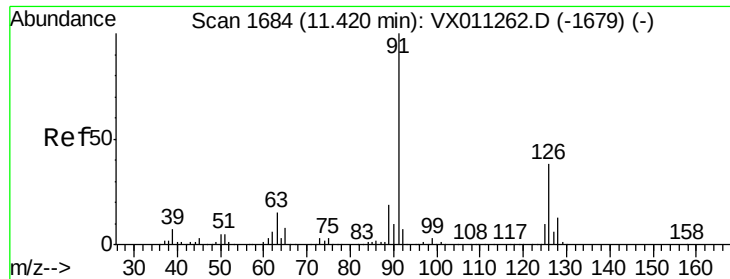
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.925 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

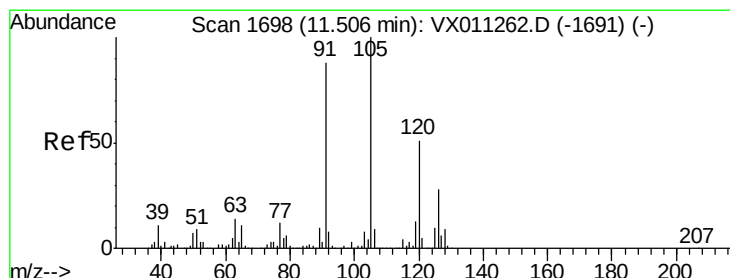
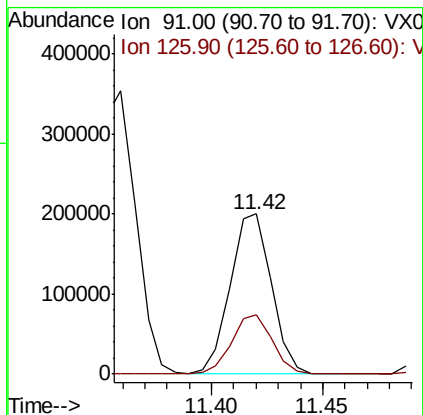
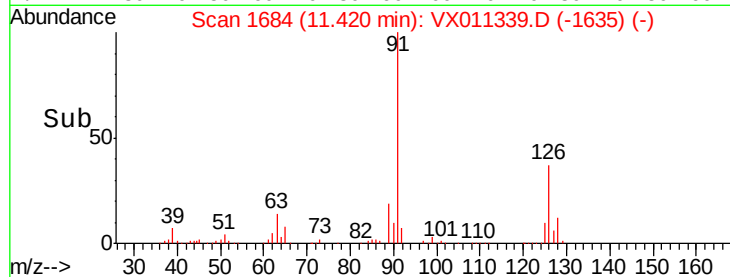
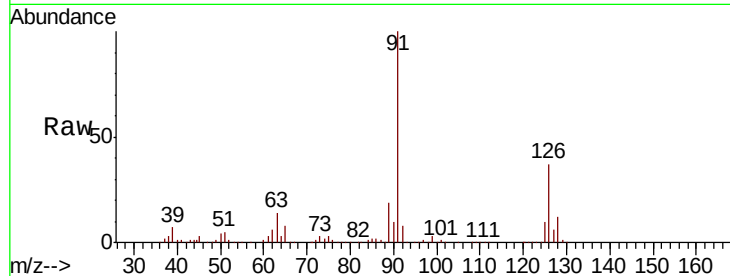
ClientSampled :

Tot Ion: 91 Resp: 257295

Ion Ratio Lower Upper

91 100

126 36.5 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 47.308 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011339.D

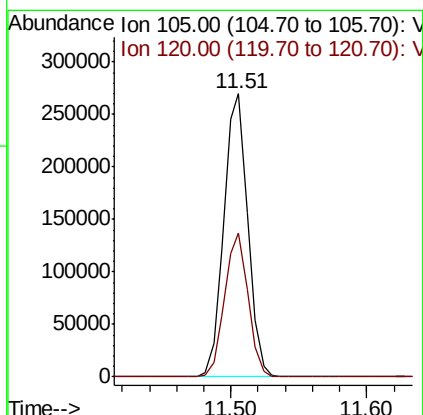
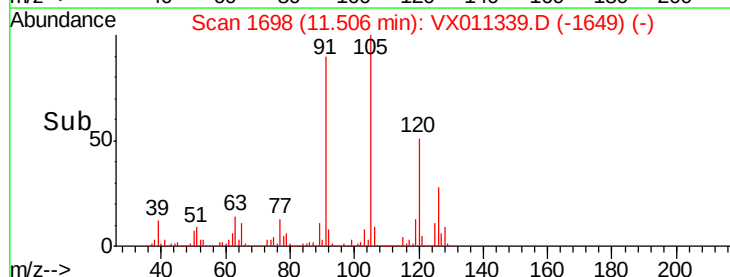
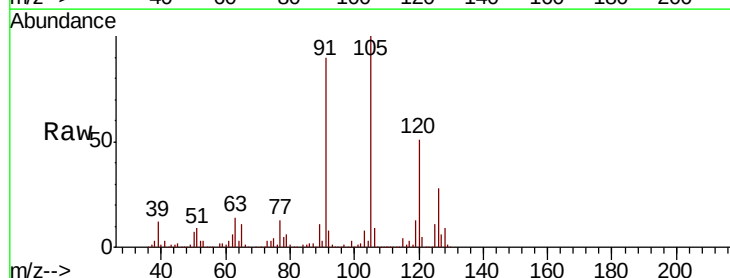
Acq: 05 Aug 2019 20:21

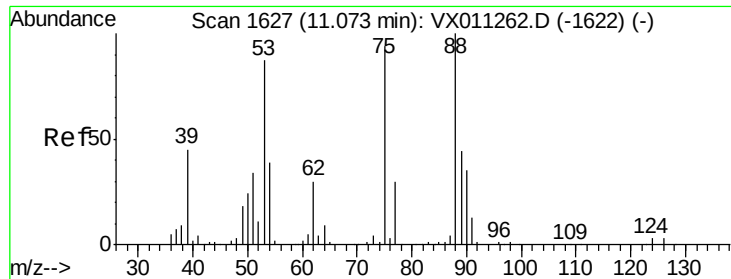
Tgt Ion: 105 Resp: 327601

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2

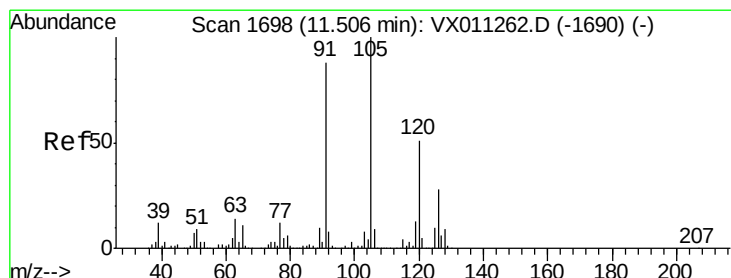
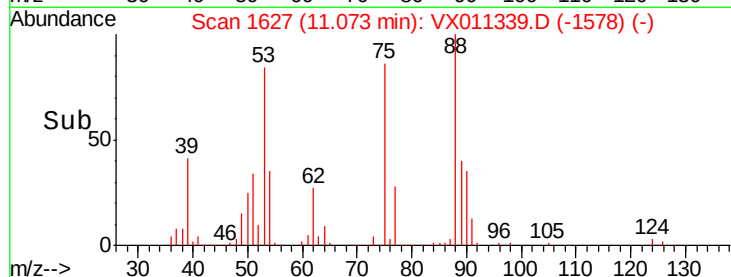
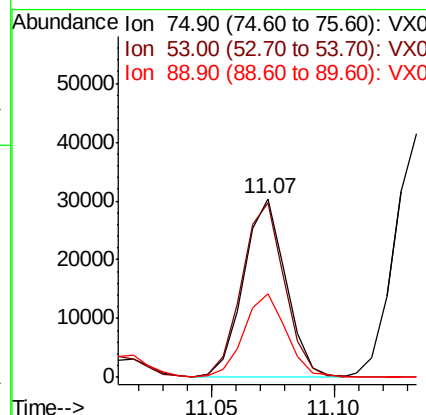
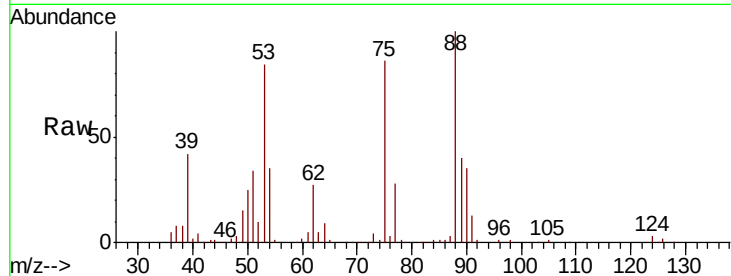




#81
trans-1,4-Dichloro-2-butene
Concen: 44.283 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

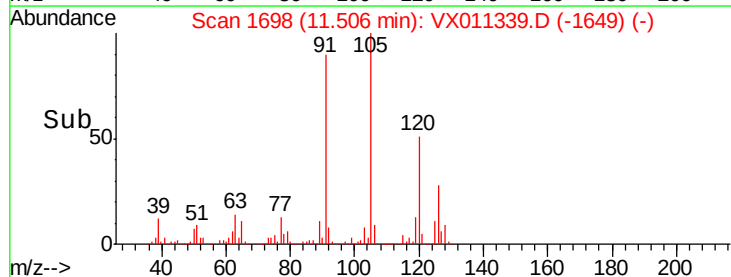
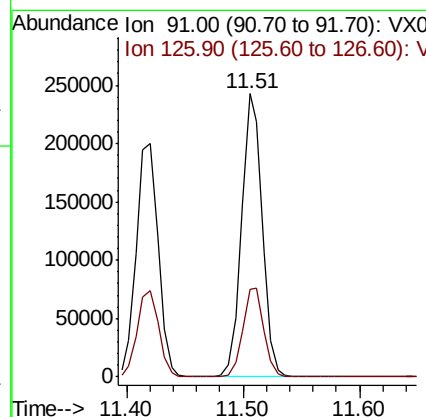
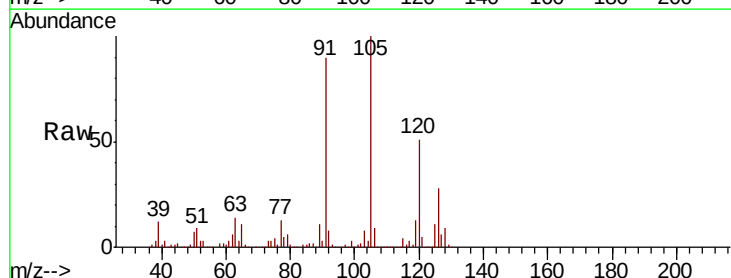
Instrument :
MSVOA_X
ClientSampleId :

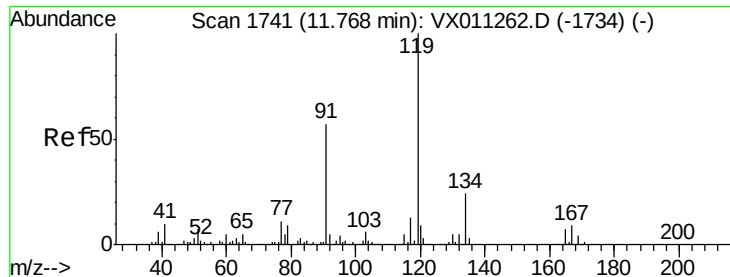
Tot Ion: 75 Resp: 36060
Ion Ratio Lower Upper
75 100
53 99.8 78.2 117.4
89 47.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 46.856 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 91 Resp: 299421
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.2

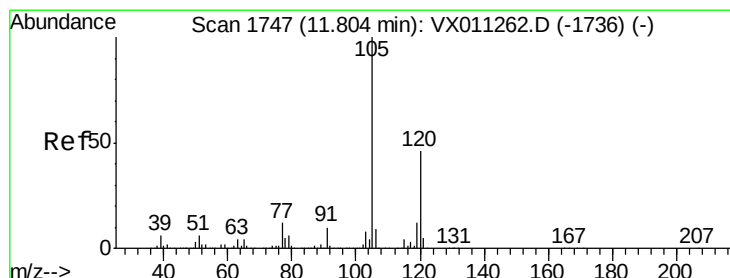
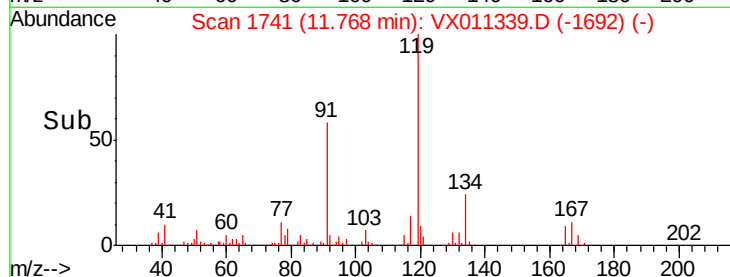
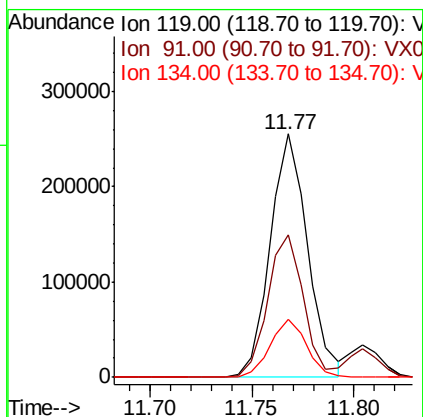
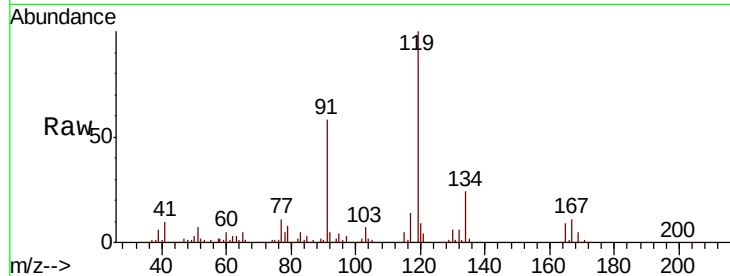




#83
 tert-Butylbenzene
 Concen: 47.991 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

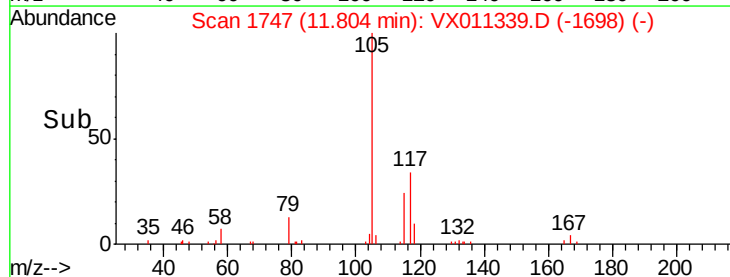
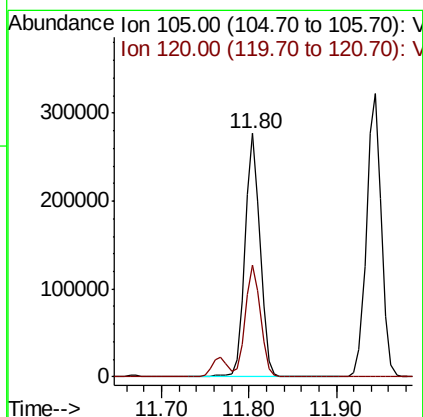
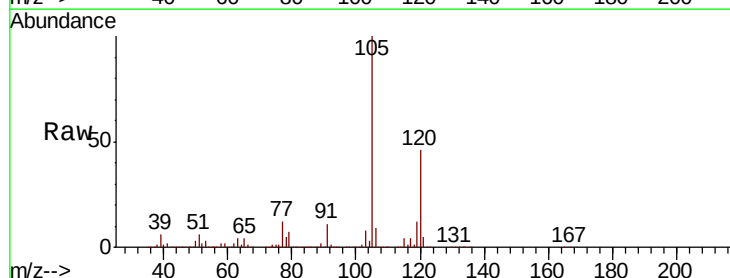
Instrument :
 MSVOA_X
 ClientSampleId :

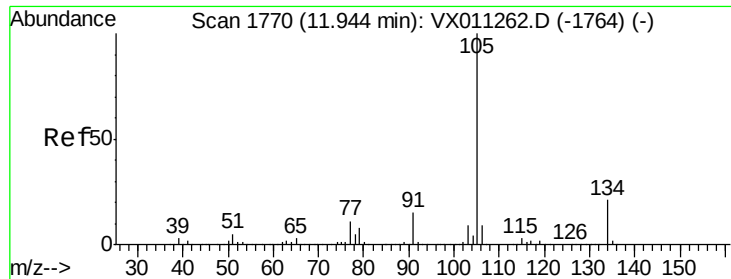
Tot Ion:119 Resp: 325944
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.0 84.0
 134 23.1 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.040 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion:105 Resp: 331219
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.144 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

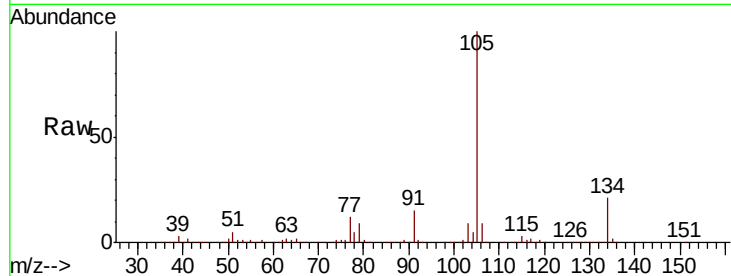
ClientSampleId :

Tot Ion:105 Resp: 384698

Ion Ratio Lower Upper

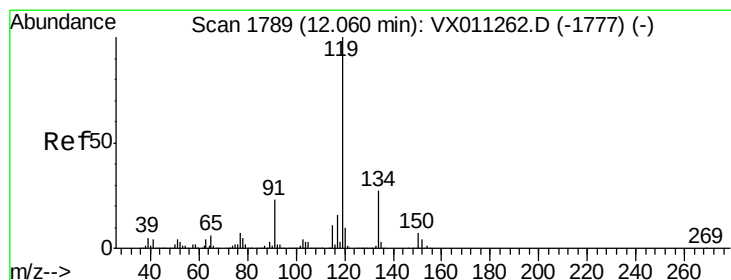
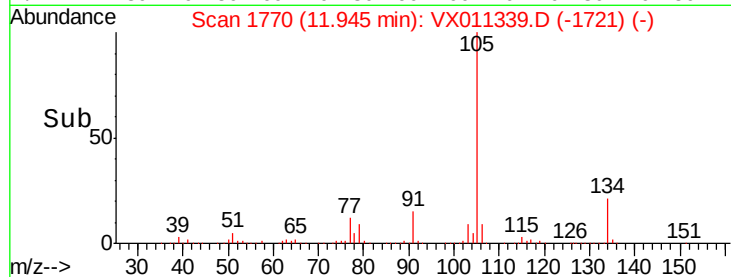
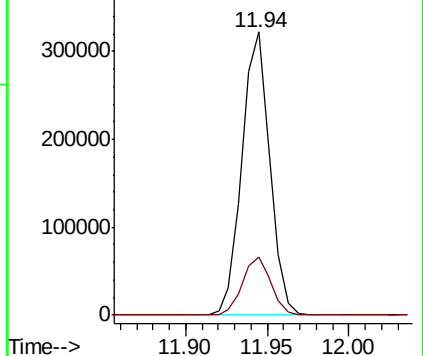
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.409 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

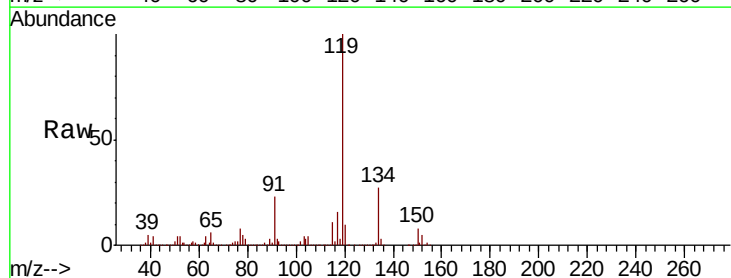
Tgt Ion:119 Resp: 355895

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

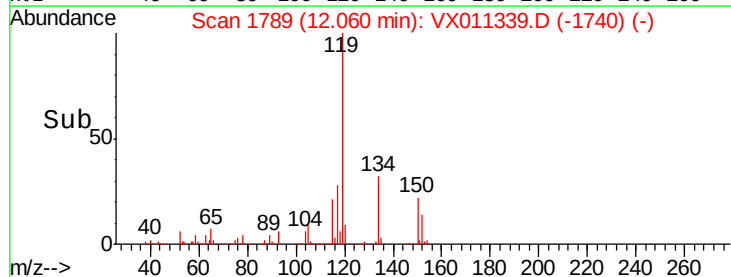
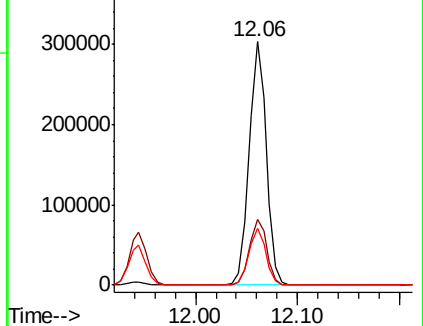
91 23.2 11.4 34.2

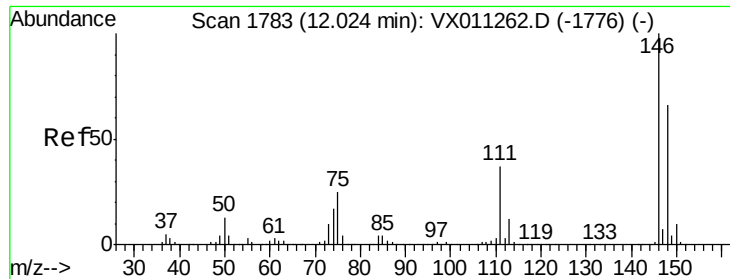


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

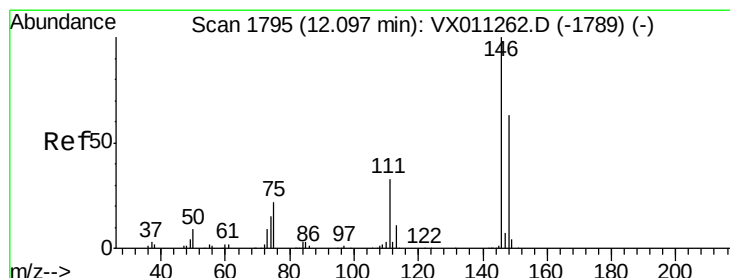
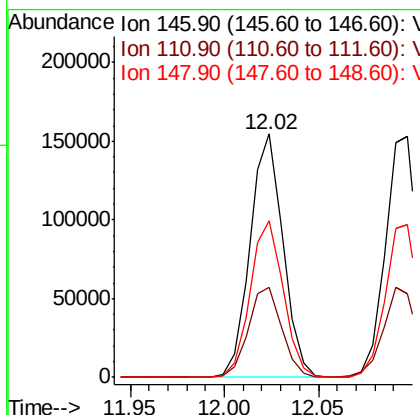
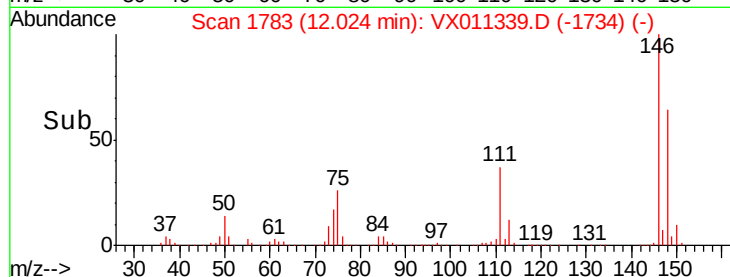
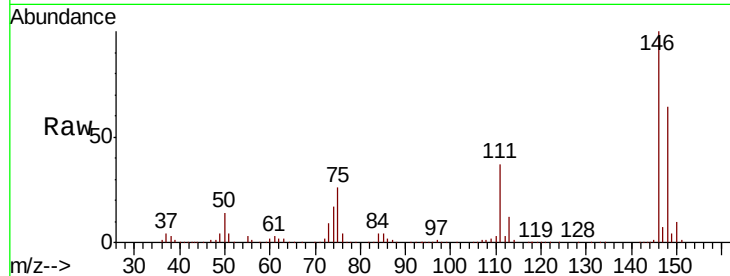




#87
 1,3-Dichlorobenzene
 Concen: 46.174 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

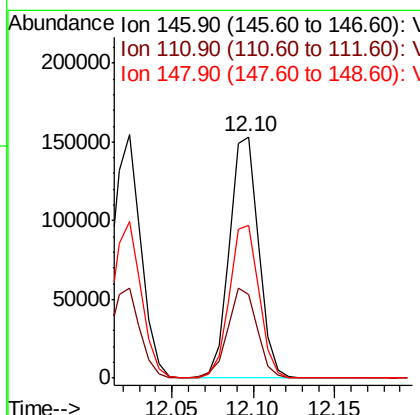
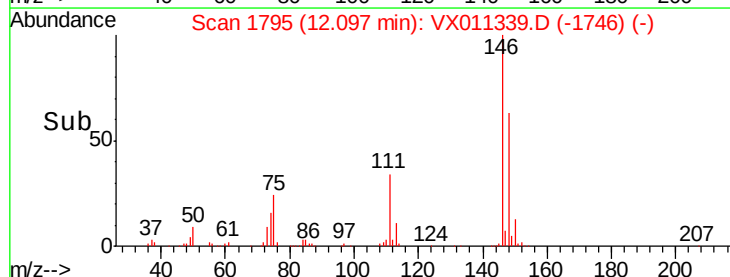
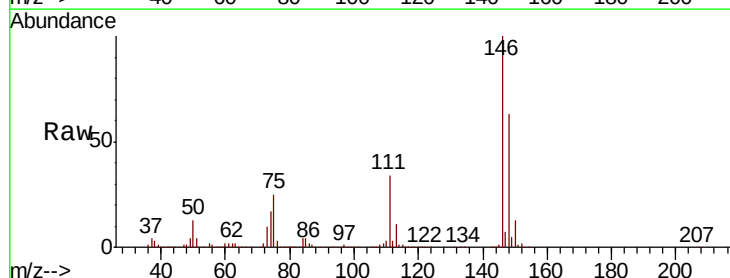
Instrument :
 MSVOA_X
 ClientSampleId :

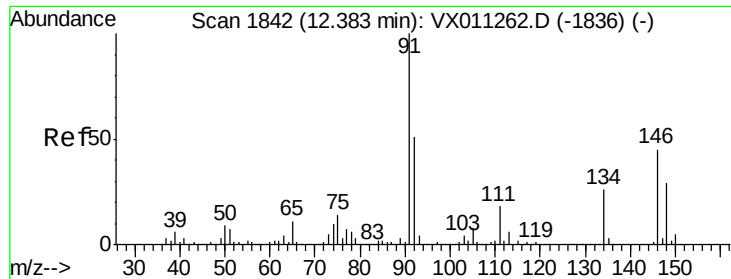
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.5	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 45.399 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	17.8	53.4
148	64.5	31.8	95.3

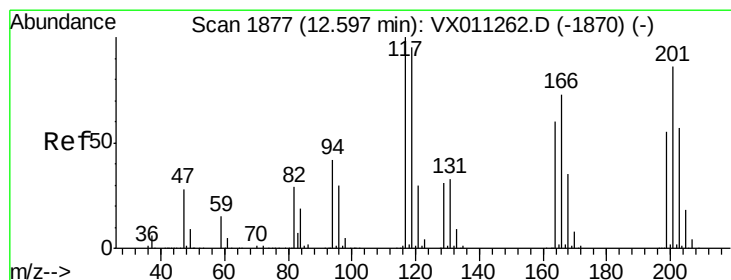
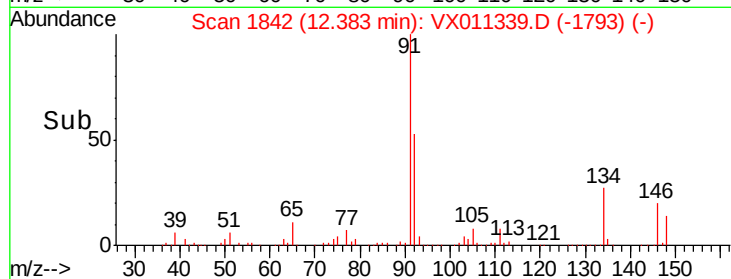
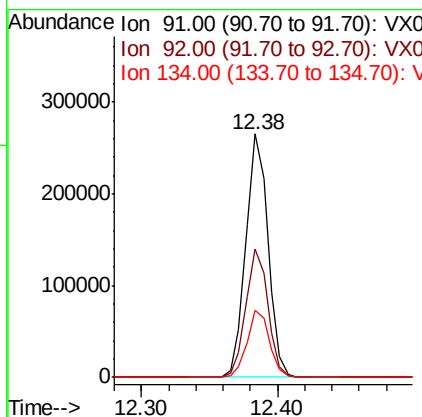
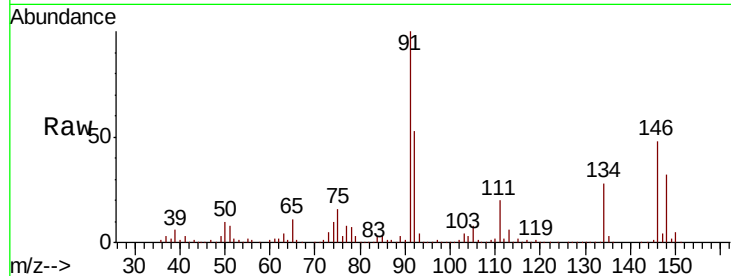




#89
n-Butylbenzene
Concen: 46.942 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

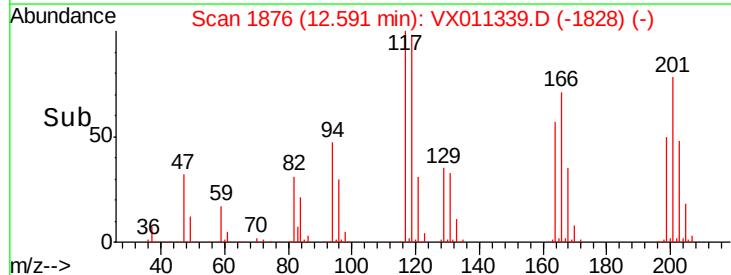
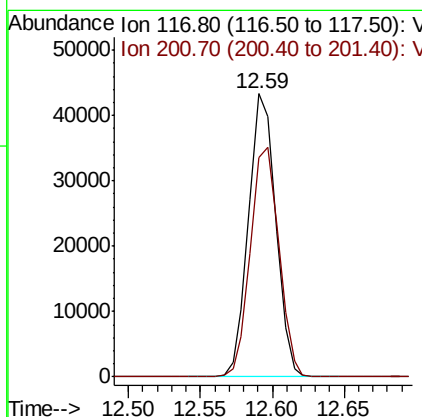
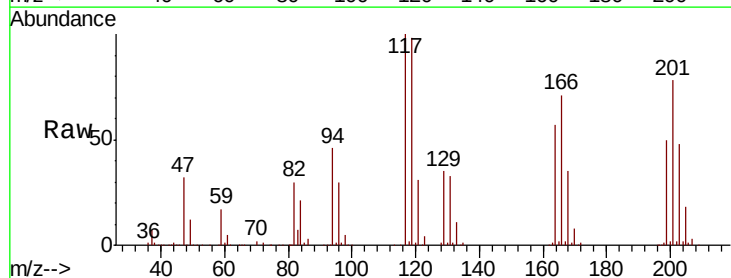
Instrument :
MSVOA_X
ClientSampleId :

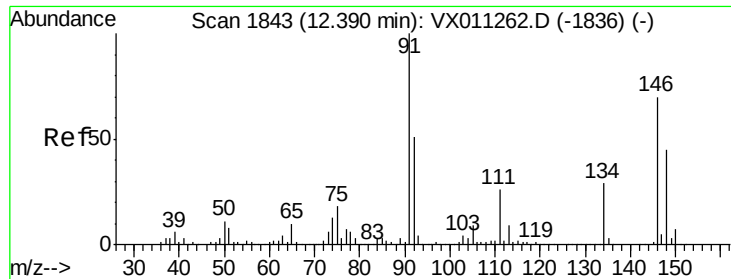
Tot Ion: 91 Resp: 303592
Ion Ratio Lower Upper
91 100
92 52.4 25.8 77.3
134 27.8 13.7 41.0



#90
Hexachloroethane
Concen: 50.887 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011339.D
Acq: 05 Aug 2019 20:21

Tgt Ion: 117 Resp: 56477
Ion Ratio Lower Upper
117 100
201 84.9 41.8 125.4

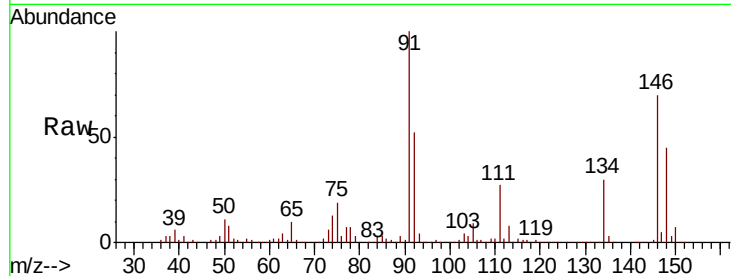




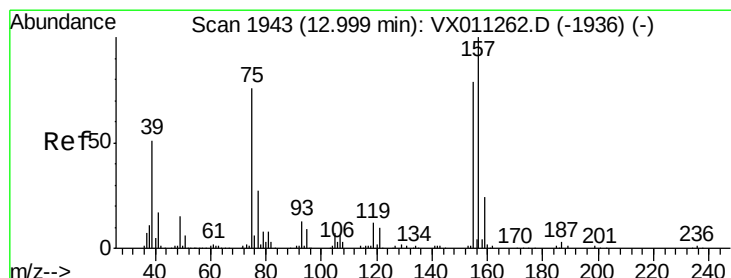
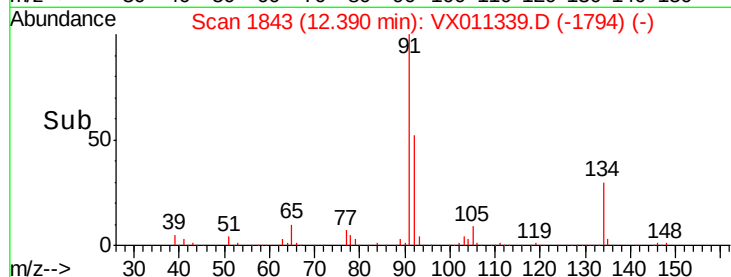
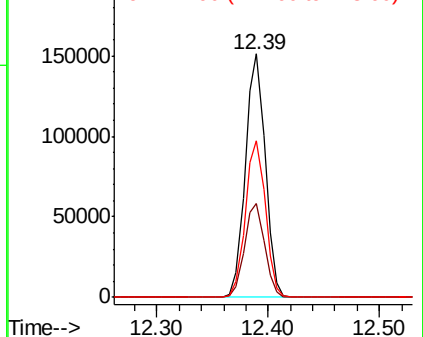
#91
 1,2-Dichlorobenzene
 Concen: 46.025 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 187433
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 64.7 32.3 96.8

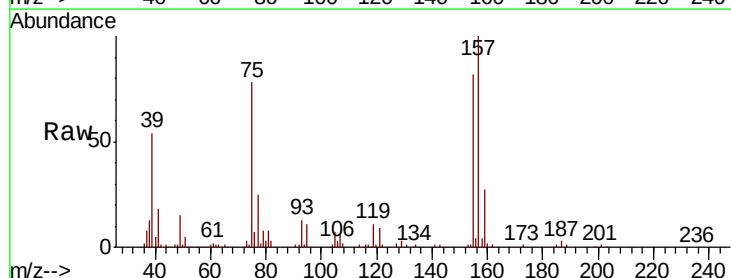


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

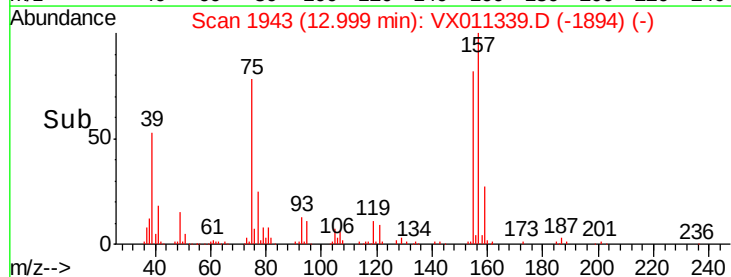
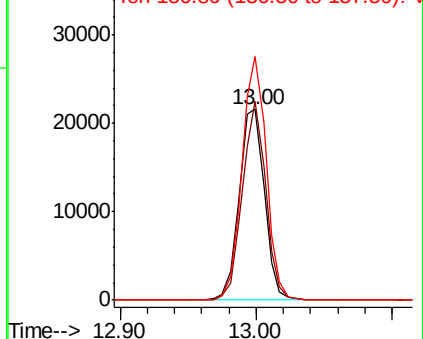


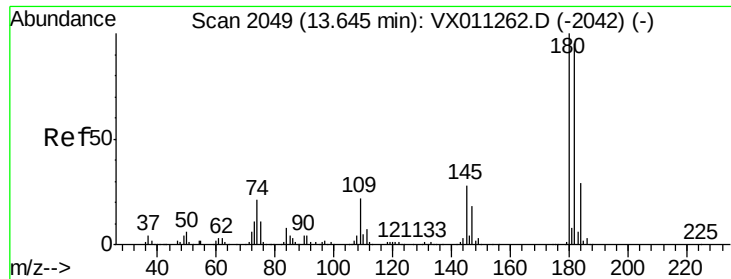
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.327 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion: 75 Resp: 27948
 Ion Ratio Lower Upper
 75 100
 155 96.3 51.9 155.8
 157 122.3 64.3 192.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

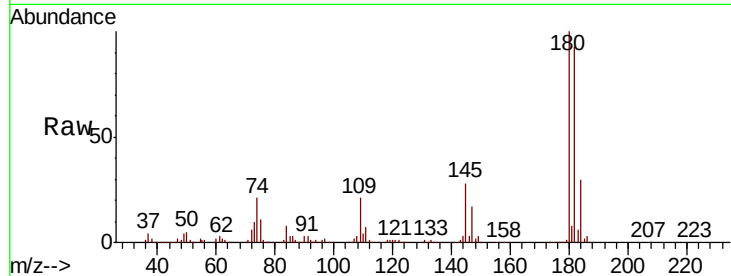




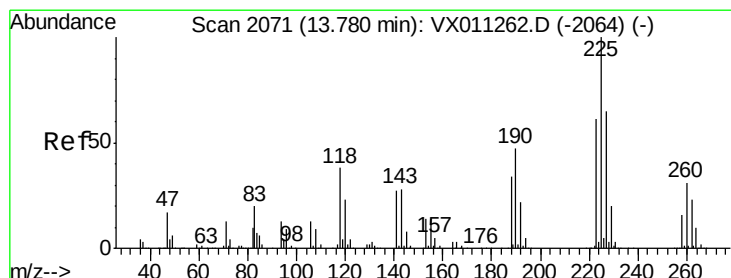
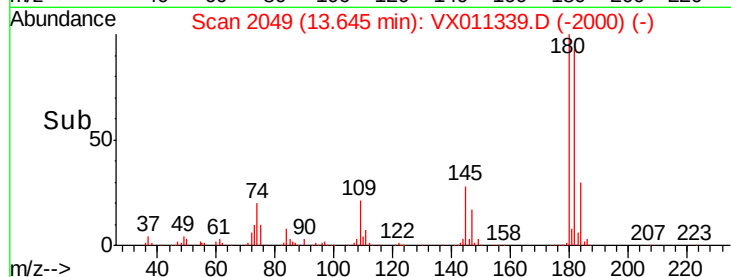
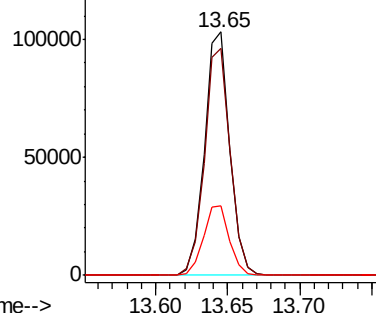
#93
 1,2,4-Trichlorobenzene
 Concen: 46.716 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	29.5	14.8	44.3

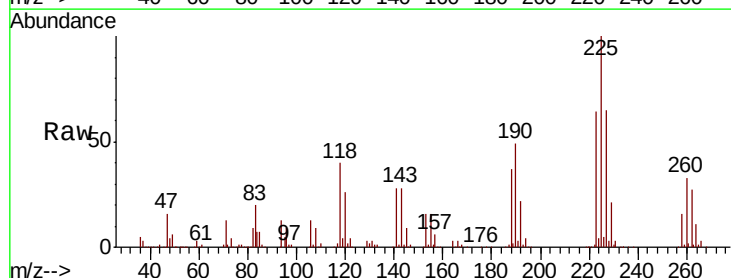


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

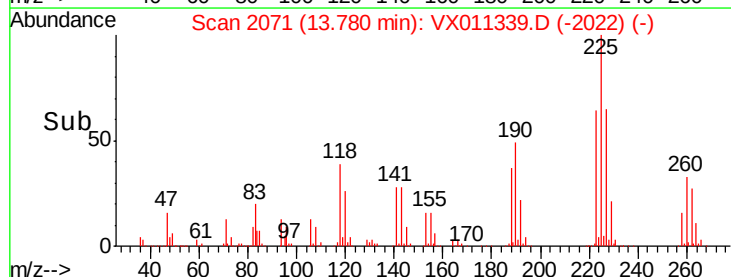
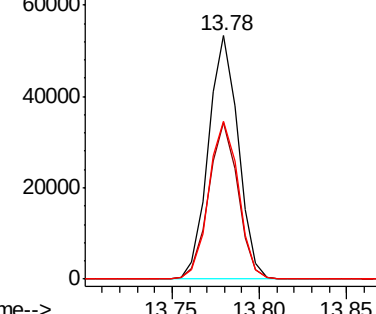


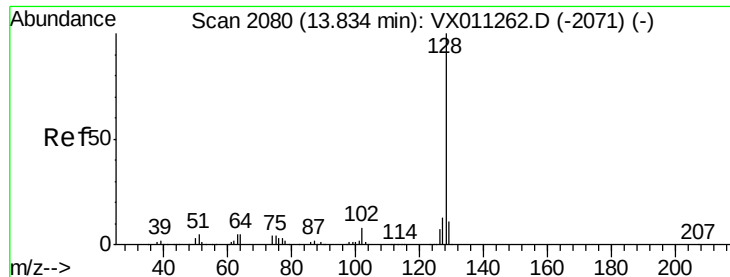
#94
 Hexachlorobutadiene
 Concen: 46.049 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011339.D
 Acq: 05 Aug 2019 20:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.0	93.0
227	64.9	32.2	96.6



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: 49.392 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

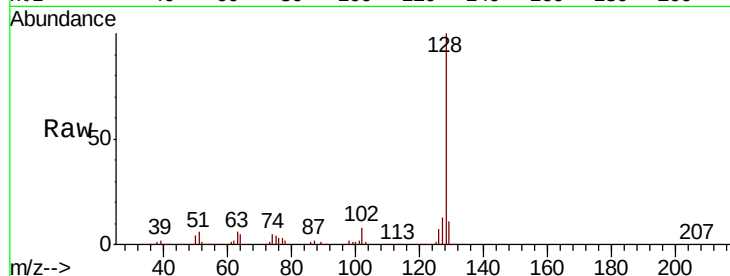
Tot Ion:128 Resp: 390104

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.9 13.3

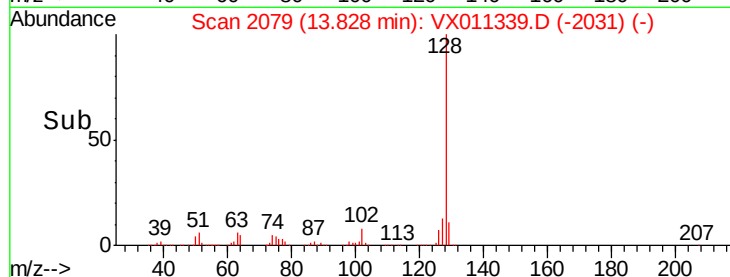


Abundance Ion 128.00 (127.70 to 128.70): V

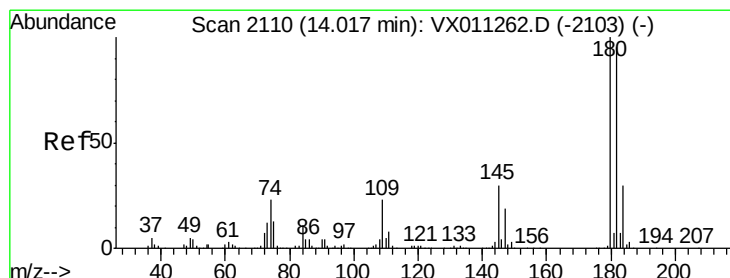
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 46.699 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011339.D

Acq: 05 Aug 2019 20:21

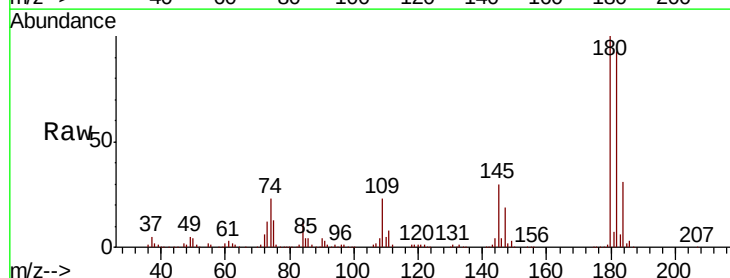
Tgt Ion:180 Resp: 128222

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.3

145 31.3 15.2 45.6

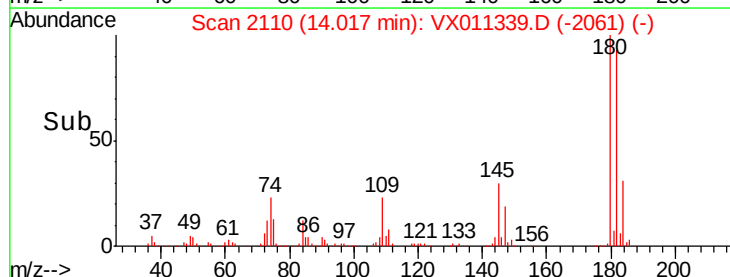


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->