

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012856.D
 Acq On : 07 Oct 2019 22:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:20:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	117954	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.49	113	95892	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	8.71	98	354139	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	141957	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	75691	38.411	ug/l 95
3) Chloromethane	1.31	50	85243	37.672	ug/l 98
4) Vinyl Chloride	1.40	62	95938	42.656	ug/l 98
5) Bromomethane	1.62	94	33761	38.179	ug/l 99
6) Chloroethane	1.70	64	62566	41.265	ug/l 100
7) Trichlorofluoromethane	1.91	101	135531	42.920	ug/l 100
8) Diethyl Ether	2.18	74	59421	45.918	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88922	46.234	ug/l 97
10) Methyl Iodide	2.50	142	67874	35.133	ug/l 93
11) Tert butyl alcohol	3.04	59	148504	233.063	ug/l 99
12) 1,1-Dichloroethene	2.36	96	89929	47.751	ug/l 95
13) Acrolein	2.28	56	73200	208.018	ug/l 100
14) Allyl chloride	2.72	41	169001	45.230	ug/l 95
15) Acrylonitrile	3.13	53	308914	238.965	ug/l 98
16) Acetone	2.44	43	259845	192.326	ug/l 93
17) Carbon Disulfide	2.56	76	217701	41.233	ug/l 99
18) Methyl Acetate	2.76	43	157526	49.516	ug/l 97
19) Methyl tert-butyl Ether	3.19	73	345948	48.530	ug/l 97
20) Methylene Chloride	2.84	84	106390	46.557	ug/l 95
21) trans-1,2-Dichloroethene	3.16	96	95544	45.793	ug/l 97
22) Diisopropyl ether	3.84	45	343078	47.518	ug/l 96
23) Vinyl Acetate	3.80	43	1470077	232.183	ug/l 97
24) 1,1-Dichloroethane	3.69	63	186050	47.407	ug/l 98
25) 2-Butanone	4.66	43	421945	217.809	ug/l 94
26) 2,2-Dichloropropane	4.57	77	135668	38.868	ug/l 96
27) cis-1,2-Dichloroethene	4.58	96	115107	47.546	ug/l 93
28) Bromochloromethane	5.00	49	64658	45.374	ug/l 95
29) Tetrahydrofuran	5.11	42	272344	230.654	ug/l 95
30) Chloroform	5.20	83	188528	46.954	ug/l 97
31) Cyclohexane	5.57	56	157276	44.298	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	164136	46.125	ug/l 98
36) 1,1-Dichloropropene	5.79	75	137756	46.957	ug/l 98
37) Ethyl Acetate	4.82	43	161112	46.975	ug/l 97
38) Carbon Tetrachloride	5.78	117	137300	46.072	ug/l 100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	161075	45.608	ug/l	95
40) Benzene	6.13	78	419099	48.554	ug/l	100
41) Methacrylonitrile	5.03	41	93557	48.618	ug/l	95
42) 1,2-Dichloroethane	6.18	62	153132	46.718	ug/l	97
43) Isopropyl Acetate	6.43	43	268070	46.738	ug/l	97
44) Trichloroethene	7.21	130	105933	48.006	ug/l	95
45) 1,2-Dichloropropane	7.51	63	107528	48.657	ug/l	100
46) Dibromomethane	7.65	93	71716	47.664	ug/l	100
47) Bromodichloromethane	7.89	83	146126	48.592	ug/l	97
48) Methyl methacrylate	7.76	41	129481	47.080	ug/l	92
49) 1,4-Dioxane	7.73	88	58823	942.985	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	841186	237.589	ug/l	95
52) Toluene	8.78	92	263638	48.596	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160276	48.172	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174956	48.161	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	109130	50.597	ug/l	98
56) Ethyl methacrylate	9.17	69	183084	50.527	ug/l	91
57) 1,3-Dichloropropane	9.37	76	187263	49.608	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	426070	261.955	ug/l	100
59) 2-Hexanone	9.49	43	652611	240.812	ug/l	94
60) Dibromochloromethane	9.58	129	113293	51.889	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113290	50.470	ug/l	100
64) Tetrachloroethene	9.33	164	95866	50.323	ug/l	94
65) Chlorobenzene	10.14	112	280231	48.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	105146	50.438	ug/l	98
67) Ethyl Benzene	10.25	91	514503	49.303	ug/l	99
68) m/p-Xylenes	10.35	106	380903	97.438	ug/l	99
69) o-Xylene	10.70	106	188816	49.917	ug/l	98
70) Styrene	10.71	104	323754	51.055	ug/l	99
71) Bromoform	10.85	173	78223	53.888	ug/l #	97
73) Isopropylbenzene	11.01	105	503033	47.658	ug/l	100
74) N-amyl acetate	10.89	43	241249	47.910	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	172908	49.464	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	197122	57.502	ug/l	88
77) Bromobenzene	11.25	156	115990	48.554	ug/l	98
78) n-propylbenzene	11.35	91	569743	47.946	ug/l	100
79) 2-Chlorotoluene	11.42	91	343198	46.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	430613	48.650	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52668	44.029	ug/l	95
82) 4-Chlorotoluene	11.51	91	398334	47.138	ug/l	99
83) tert-Butylbenzene	11.76	119	415406	48.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	429655	48.119	ug/l	99
85) sec-Butylbenzene	11.94	105	486173	48.956	ug/l	99
86) p-Isopropyltoluene	12.06	119	442536	49.386	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216178	50.285	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	213762	49.207	ug/l	99
89) n-Butylbenzene	12.39	91	367438	46.534	ug/l	99
90) Hexachloroethane	12.59	117	74992	46.942	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	215879	50.158	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	41673	47.657	ug/l	98

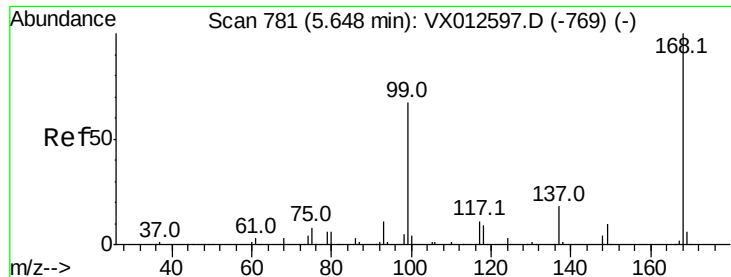
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135042	51.448	ug/l	99
94) Hexachlorobutadiene	13.78	225	57478	50.902	ug/l	99
95) Naphthalene	13.83	128	478533	50.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134187	51.035	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

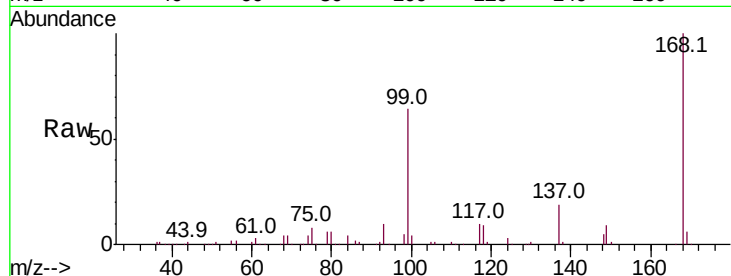
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 175163

Ion Ratio Lower Upper

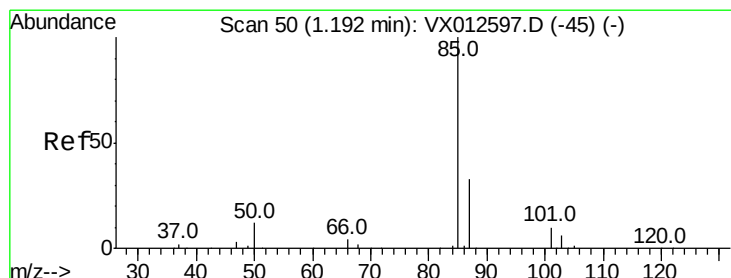
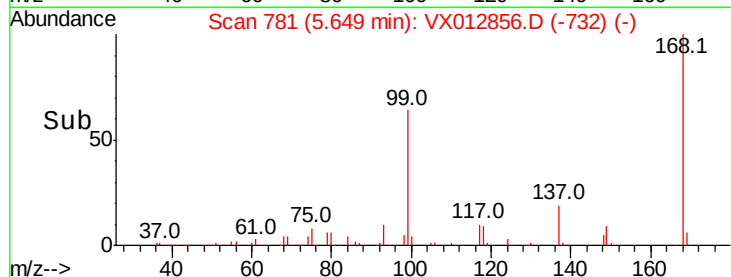
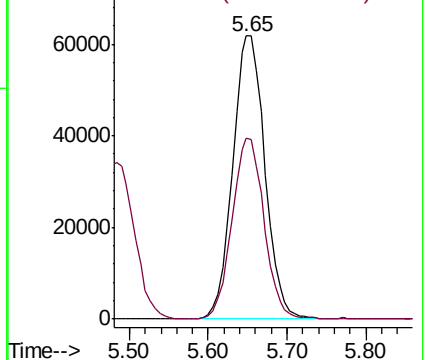
168 100

99 63.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.411 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012856.D

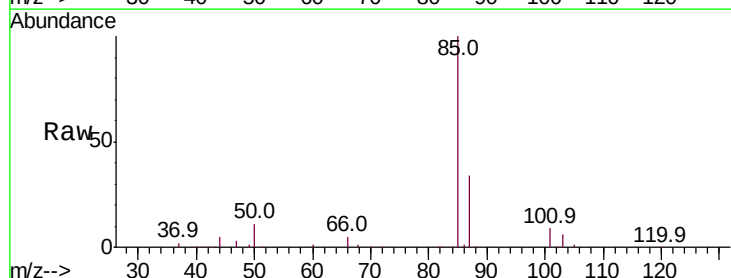
Acq: 07 Oct 2019 22:36

Tgt Ion: 85 Resp: 75691

Ion Ratio Lower Upper

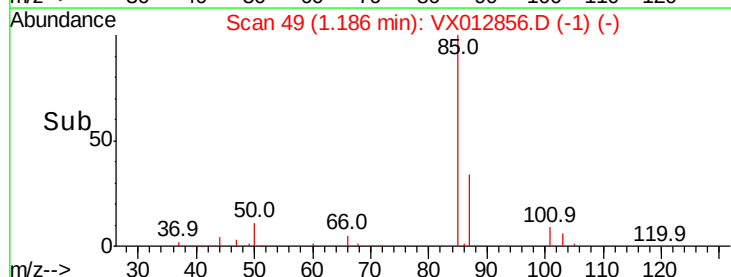
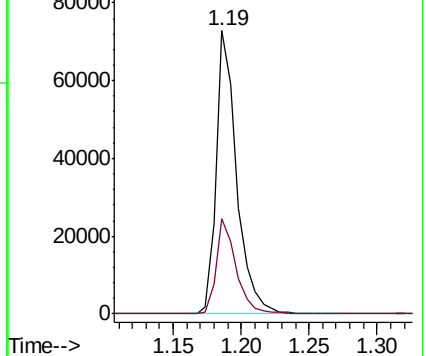
85 100

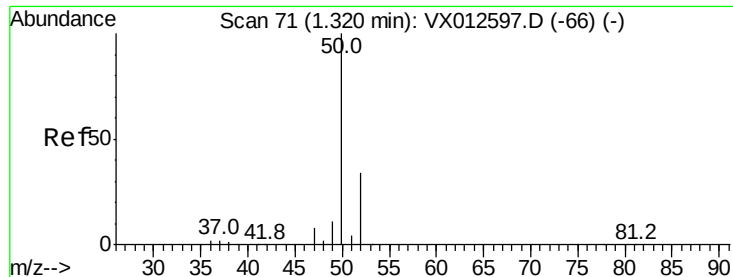
87 33.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.672 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

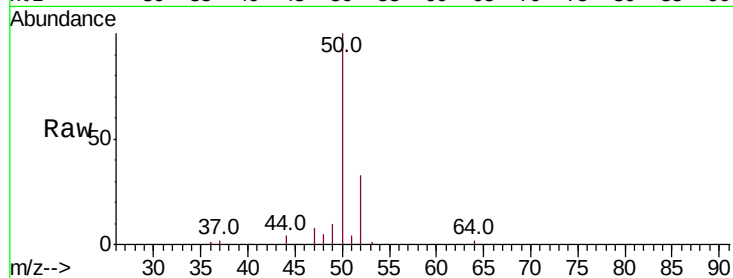
ClientSampleId :

Tot Ion: 50 Resp: 85243

Ion Ratio Lower Upper

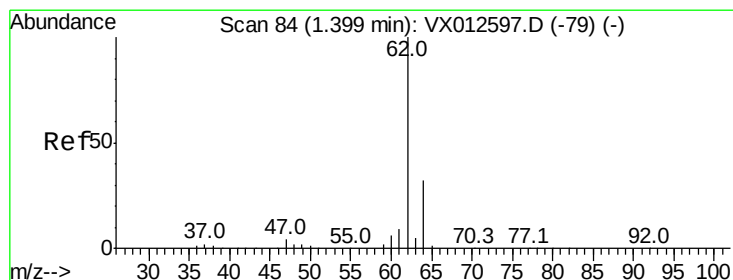
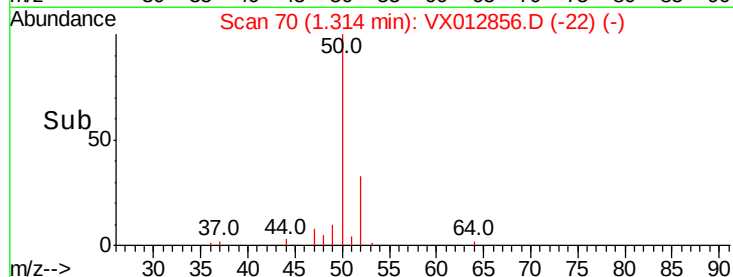
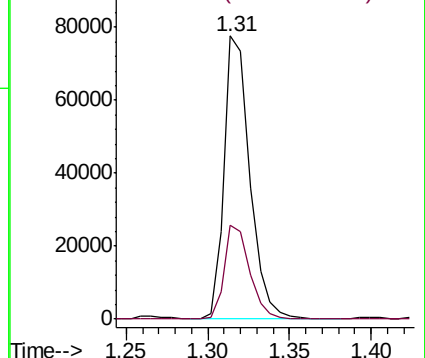
50 100

52 33.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.656 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012856.D

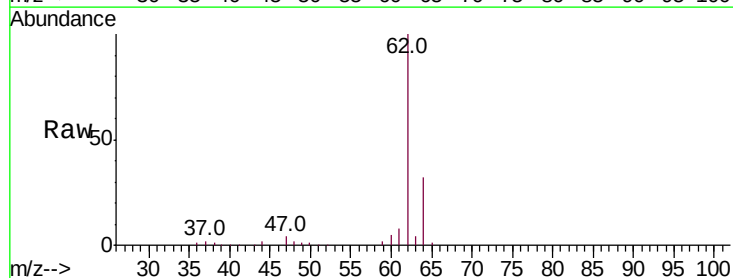
Acq: 07 Oct 2019 22:36

Tgt Ion: 62 Resp: 95938

Ion Ratio Lower Upper

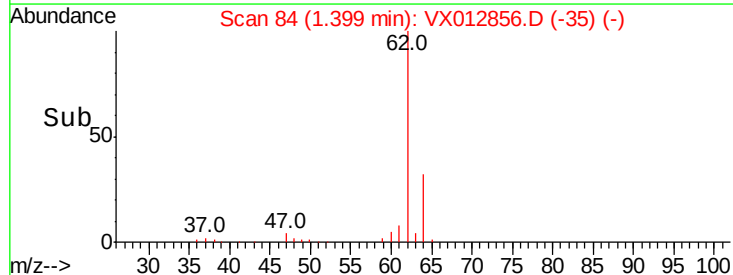
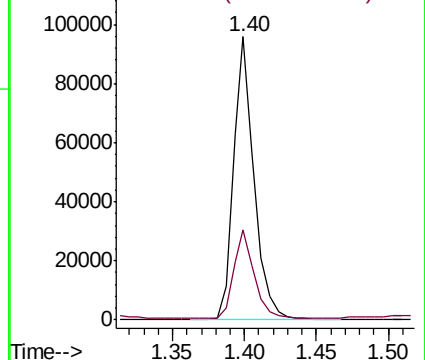
62 100

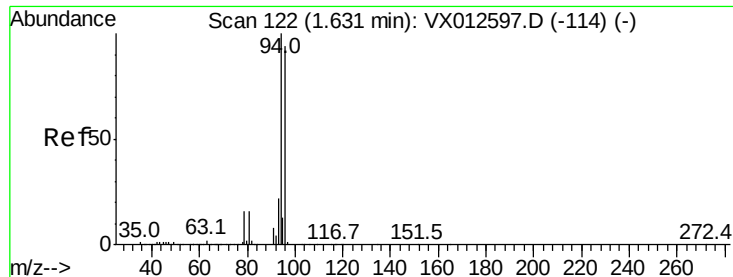
64 31.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.179 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

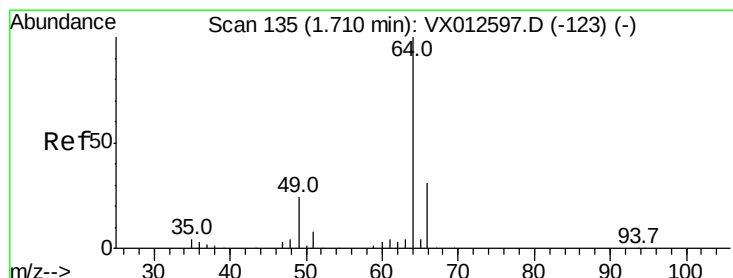
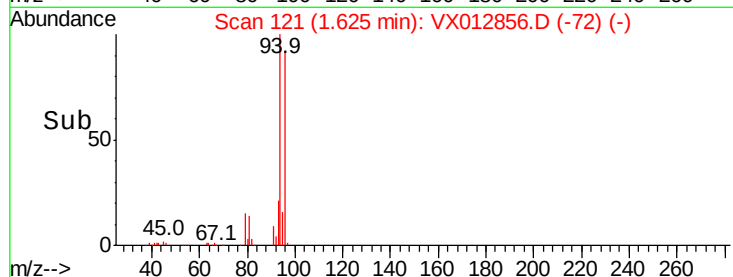
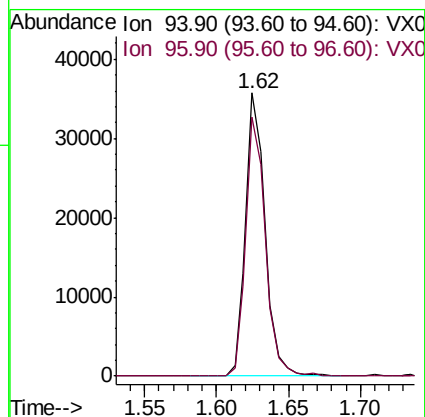
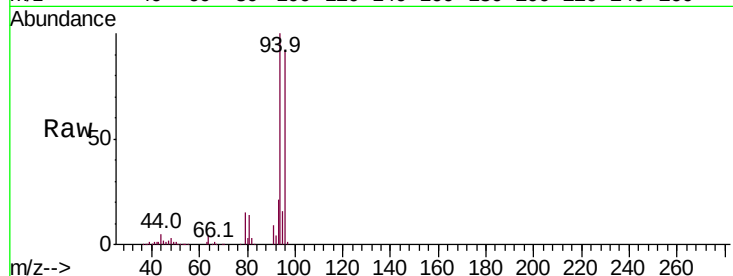
ClientSampled :

Tot Ion: 94 Resp: 33761

Ion Ratio Lower Upper

94 100

96 91.6 72.8 109.2



#6

Chloroethane

Concen: 41.265 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012856.D

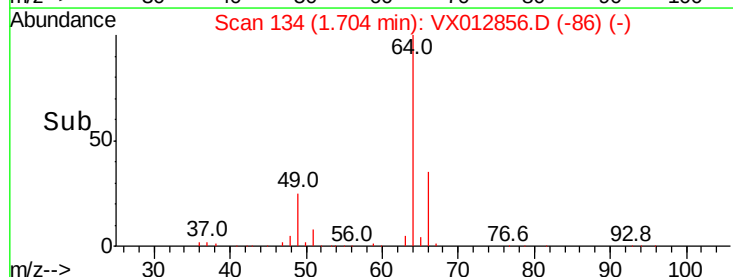
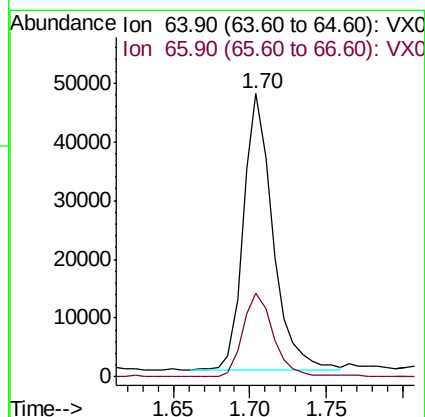
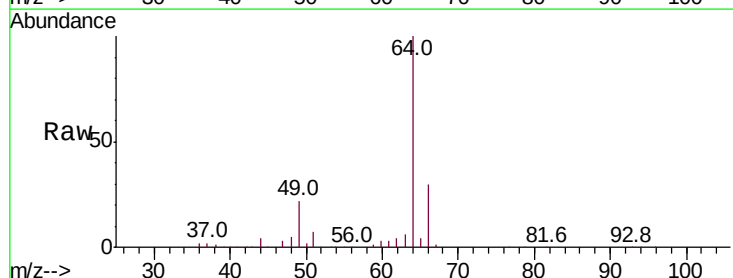
Acq: 07 Oct 2019 22:36

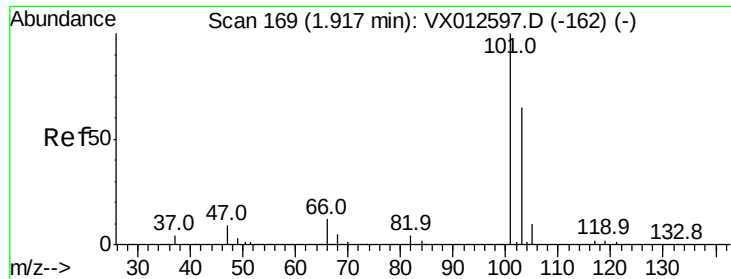
Tgt Ion: 64 Resp: 62566

Ion Ratio Lower Upper

64 100

66 29.9 24.0 36.0



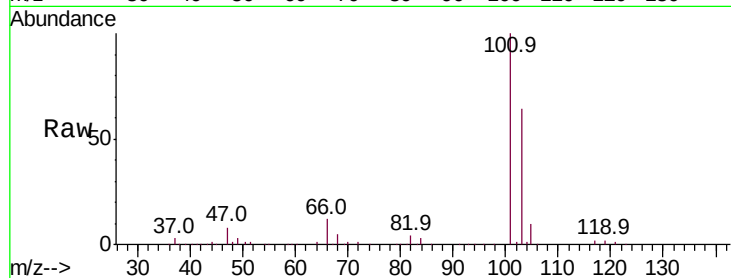


#7

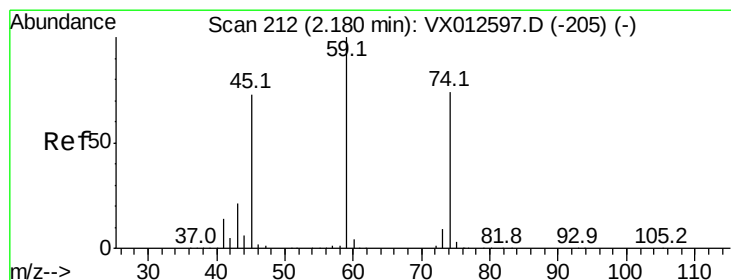
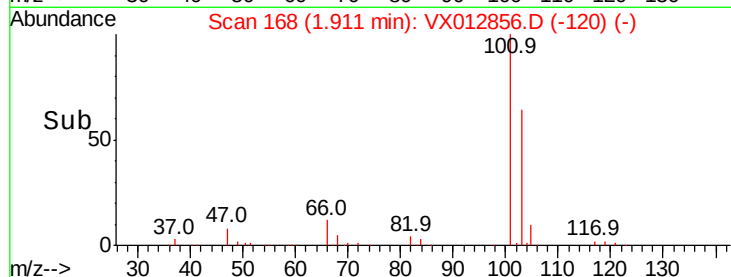
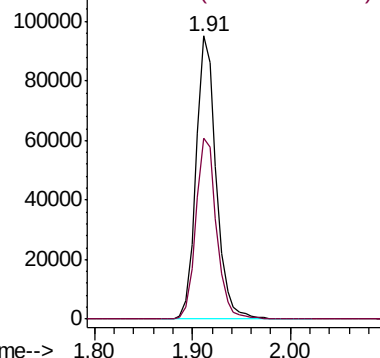
Trichlorofluoromethane
Concen: 42.920 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 135531
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4



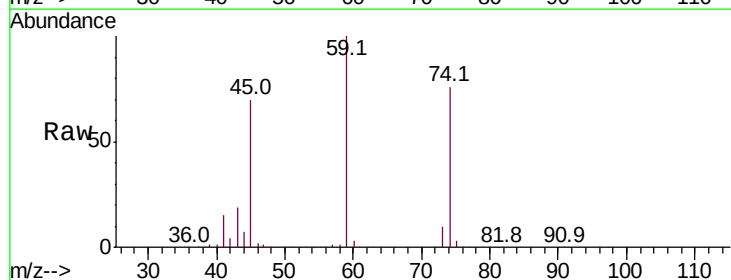
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



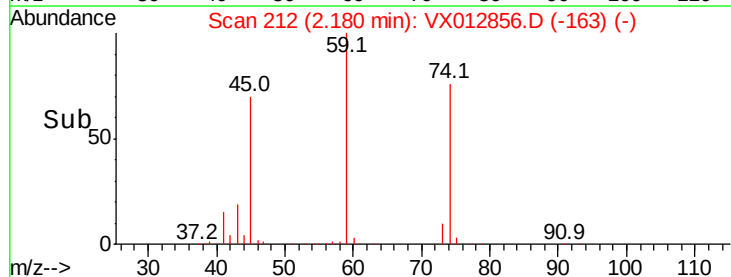
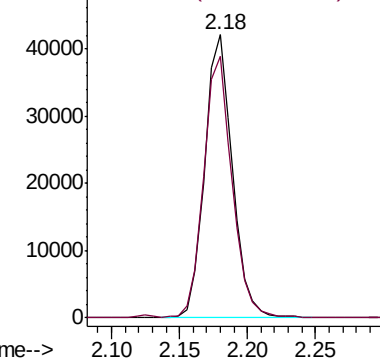
#8

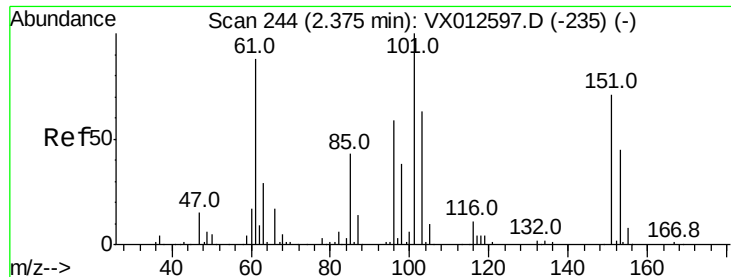
Diethyl Ether
Concen: 45.918 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 74 Resp: 59421
Ion Ratio Lower Upper
74 100
45 95.2 49.9 149.7



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

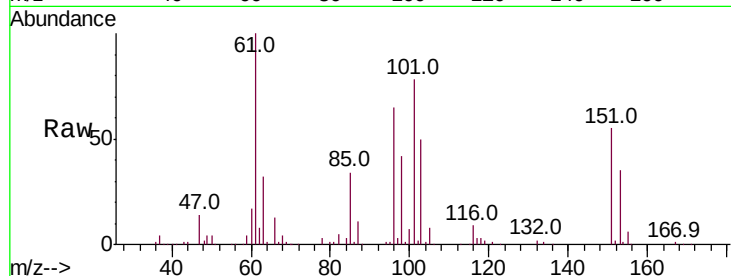




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.234 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.3	37.3	55.9
151	73.4	61.0	91.4

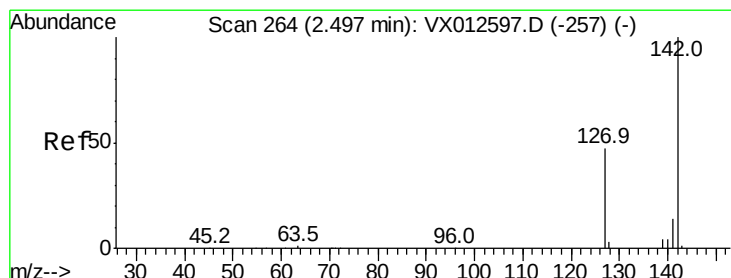
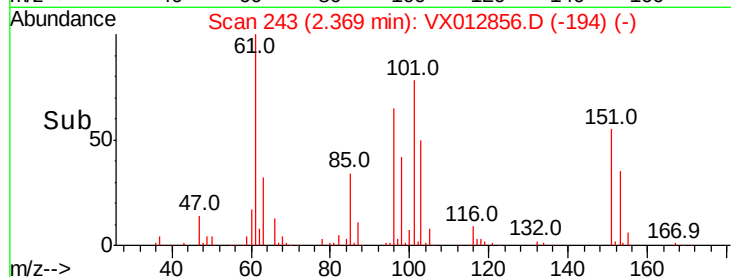
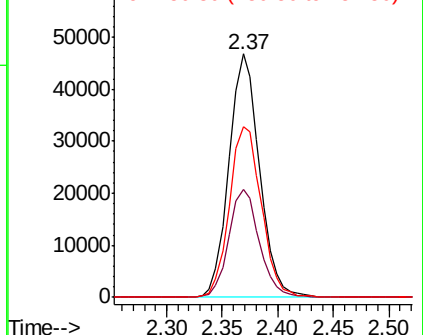


Abundance

Ion 100.90 (100.60 to 101.60): V

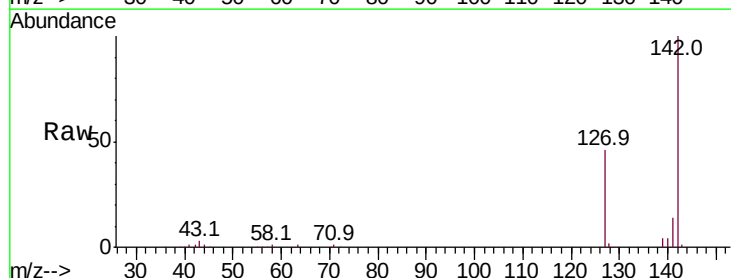
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 35.133 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.2	40.8	61.2
141	14.5	12.1	18.1

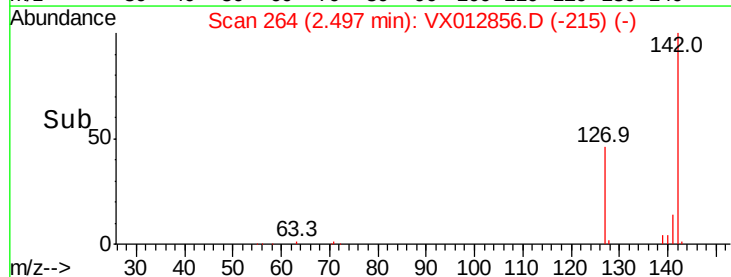
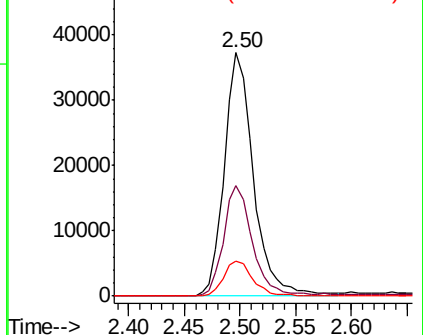


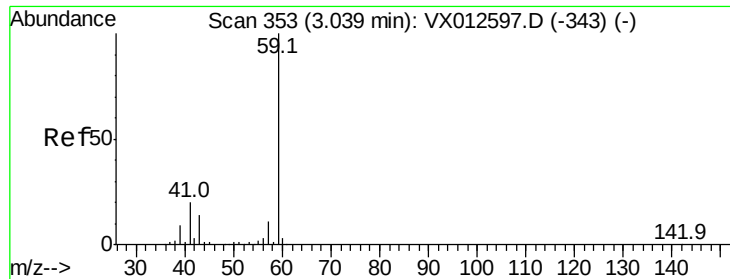
Abundance

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



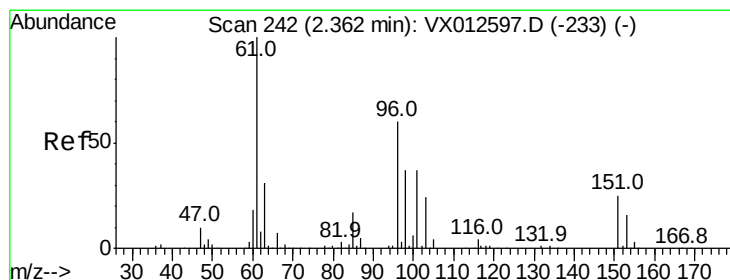
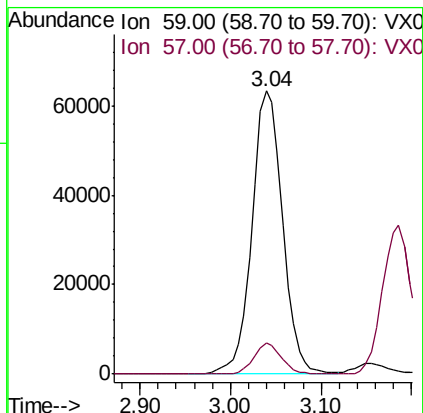
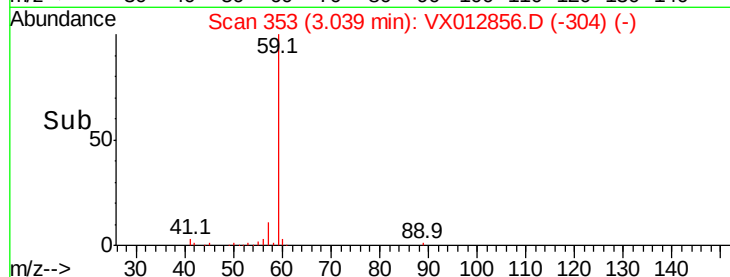
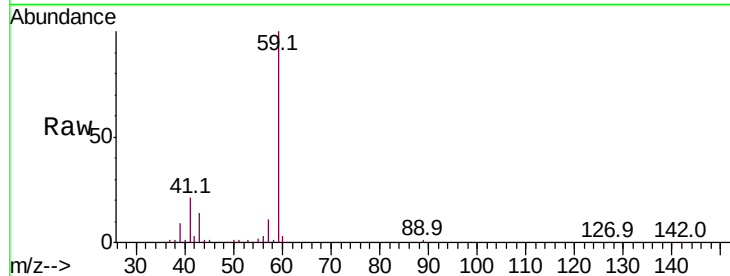


#11

Tert butyl alcohol
Concen: 233.063 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

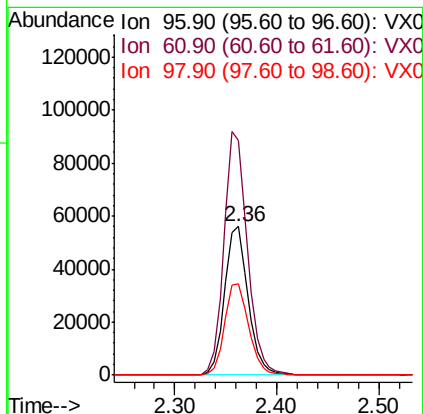
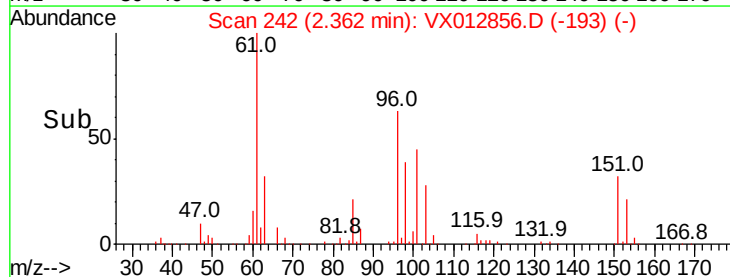
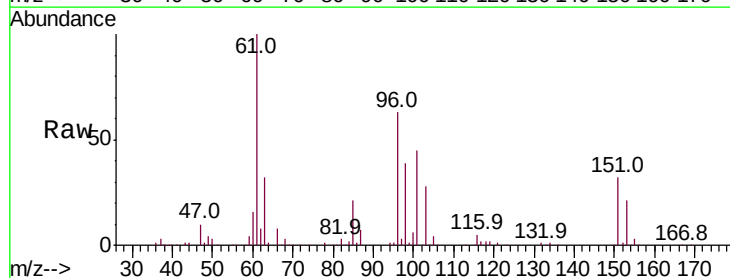
Tot Ion: 59 Resp: 148504
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

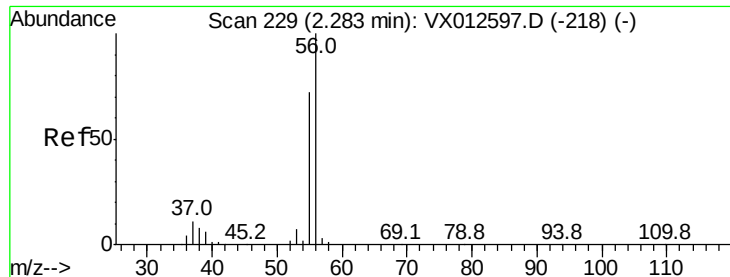


#12

1,1-Dichloroethene
Concen: 47.751 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 96 Resp: 89929
Ion Ratio Lower Upper
96 100
61 157.9 133.8 200.6
98 61.2 49.9 74.9

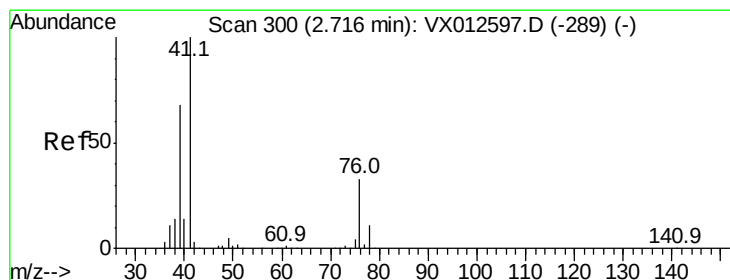
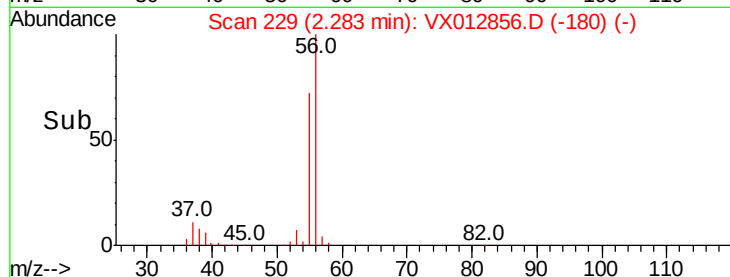
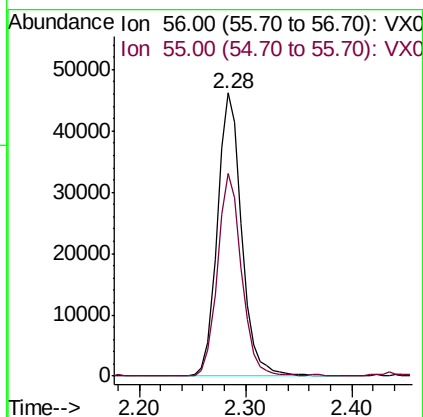
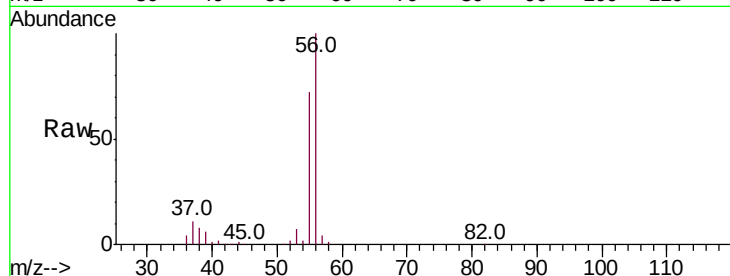




#13
Acrolein
Concen: 208.018 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

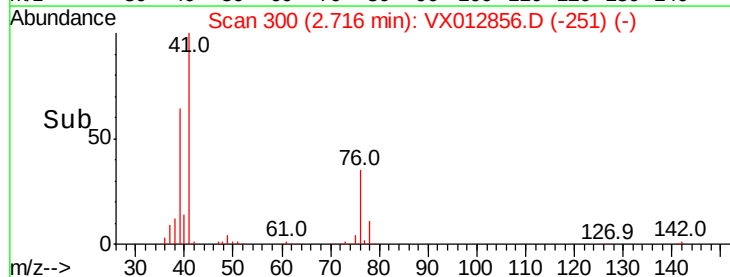
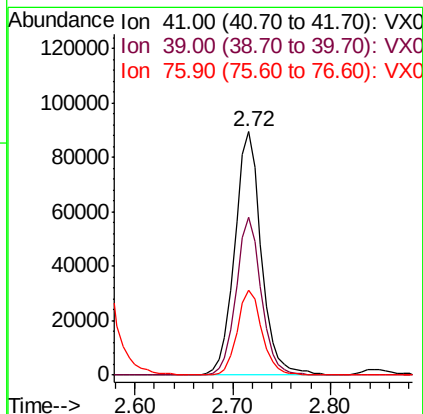
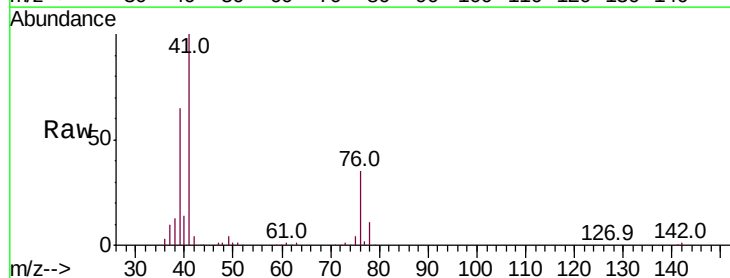
Instrument :
MSVOA_X
ClientSampled :

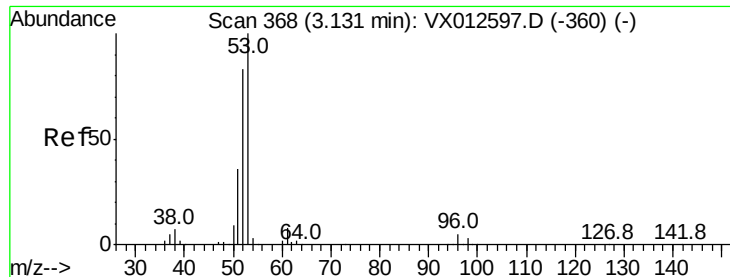
Tot Ion: 56 Resp: 73200
Ion Ratio Lower Upper
56 100
55 70.1 55.8 83.8



#14
Allyl chloride
Concen: 45.230 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 41 Resp: 169001
Ion Ratio Lower Upper
41 100
39 61.6 51.3 76.9
76 32.5 22.6 33.8





#15

Acrylonitrile

Concen: 238.965 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

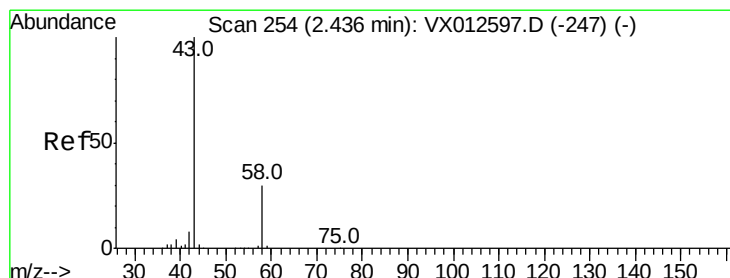
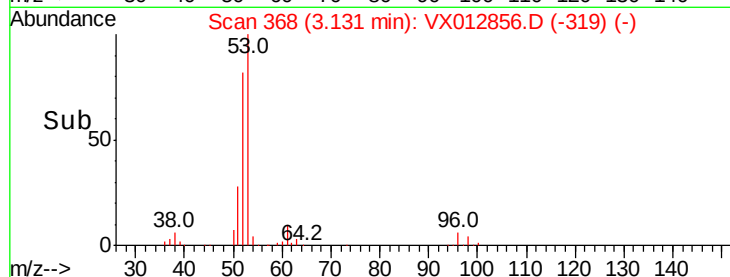
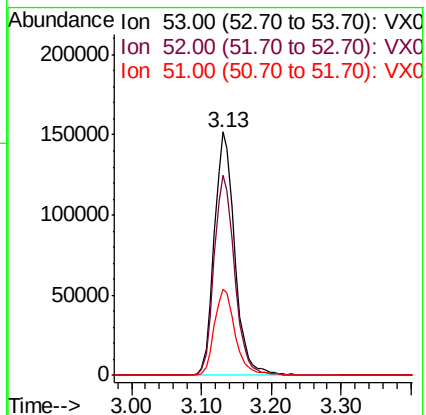
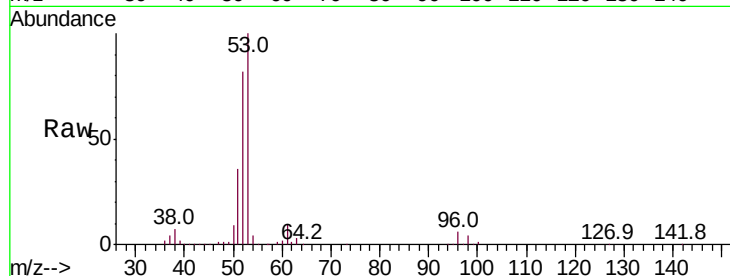
Tot Ion: 53 Resp: 308914

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

51 35.9 29.6 44.4



#16

Acetone

Concen: 192.326 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012856.D

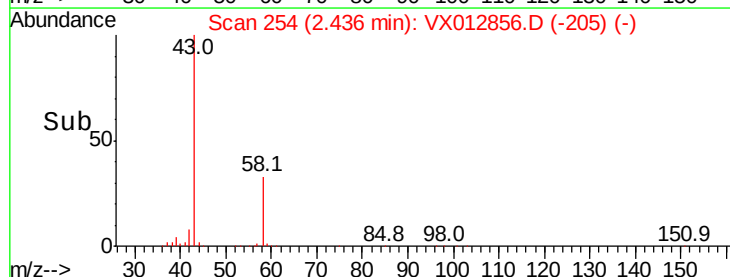
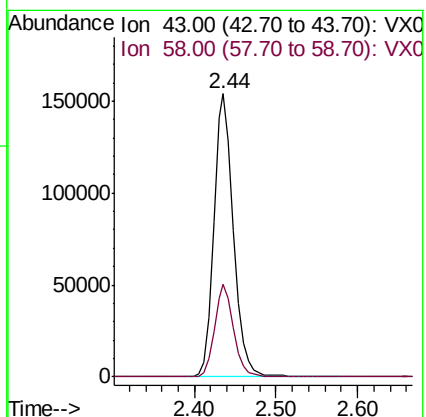
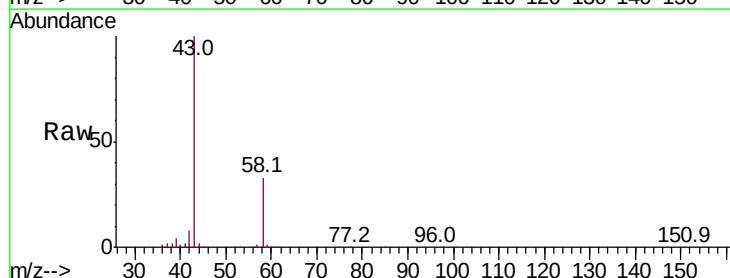
Acq: 07 Oct 2019 22:36

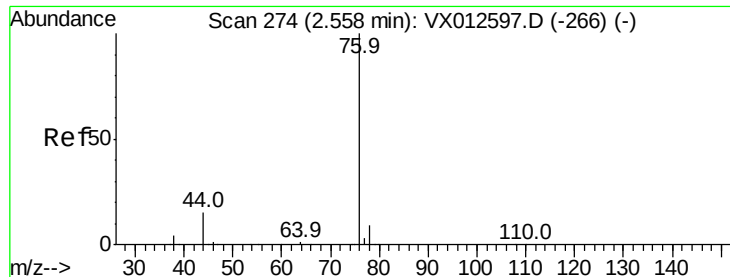
Tgt Ion: 43 Resp: 259845

Ion Ratio Lower Upper

43 100

58 32.6 23.3 34.9





#17

Carbon Disulfide

Concen: 41.233 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

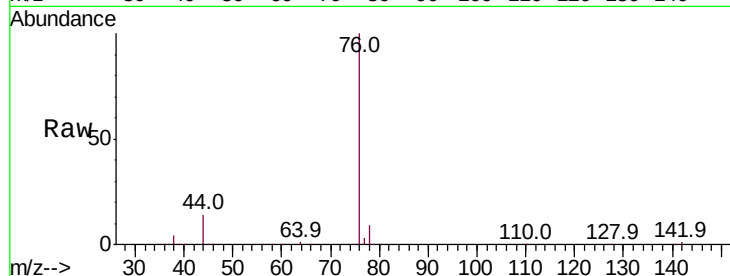
ClientSampleId :

Tot Ion: 76 Resp: 217701

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

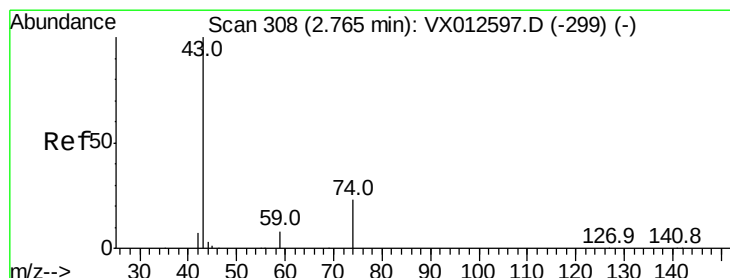
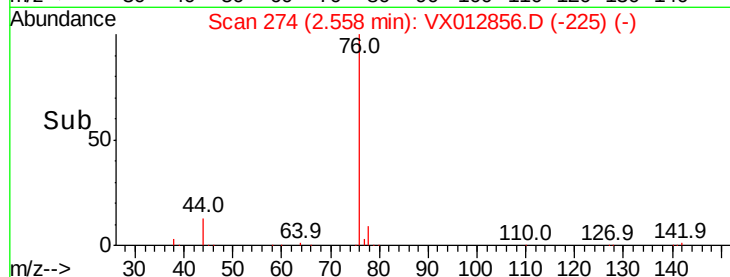
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.516 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012856.D

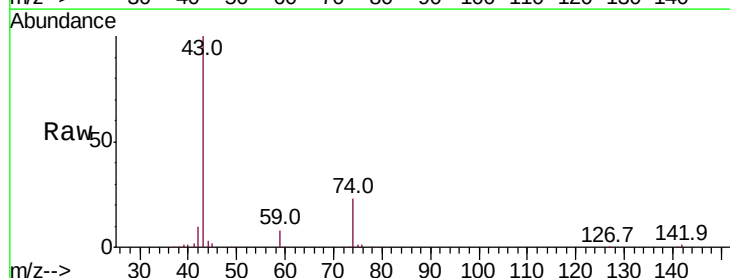
Acq: 07 Oct 2019 22:36

Tgt Ion: 43 Resp: 157526

Ion Ratio Lower Upper

43 100

74 23.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

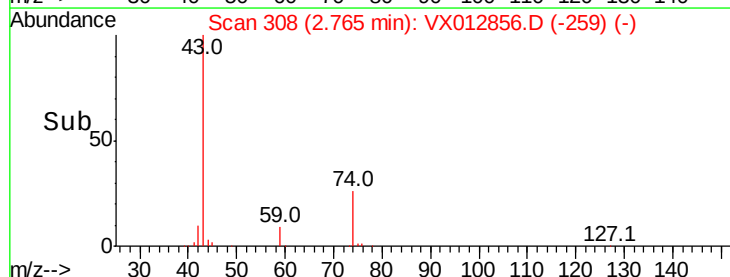
60000

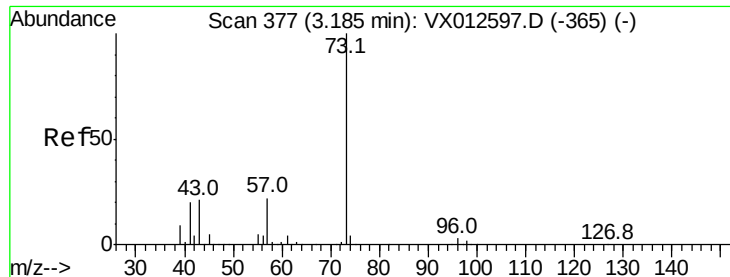
40000

20000

0

Time-->



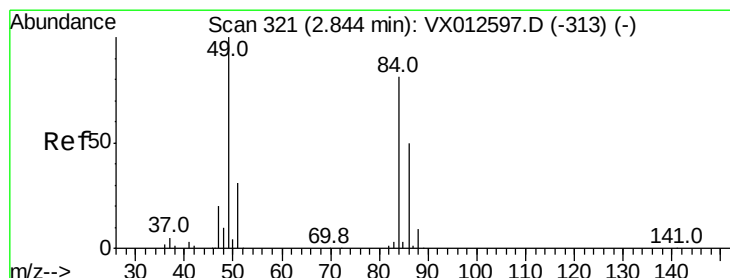
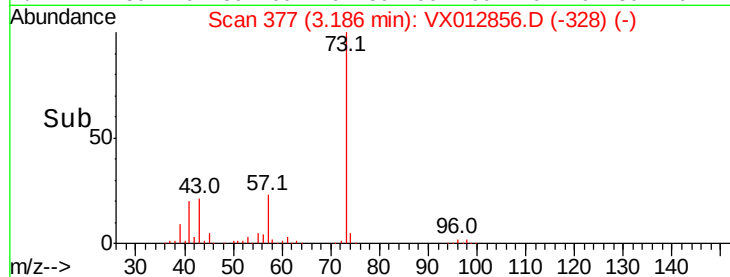
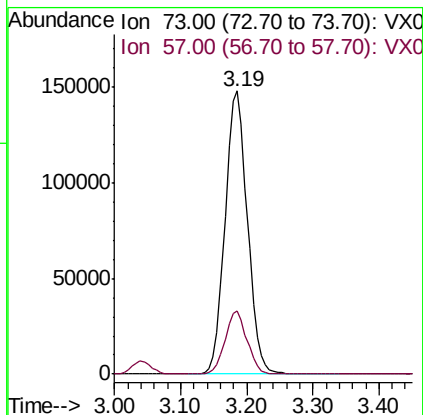
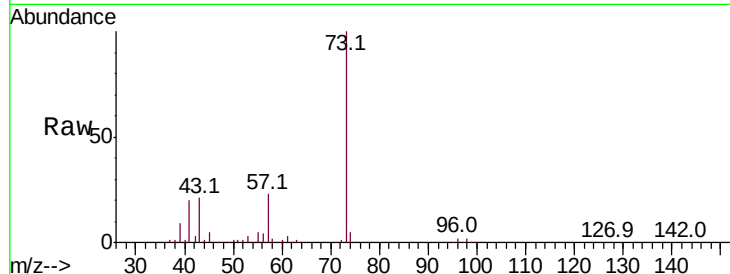


#19

Methyl tert-butyl Ether
 Concen: 48.530 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :

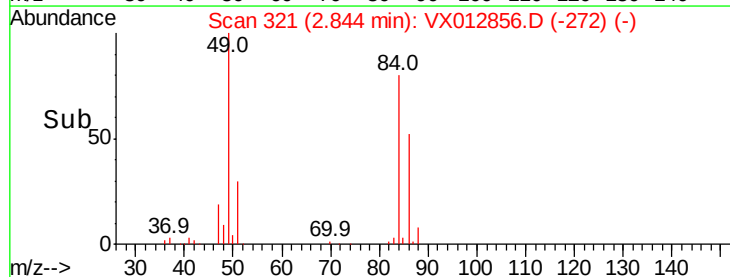
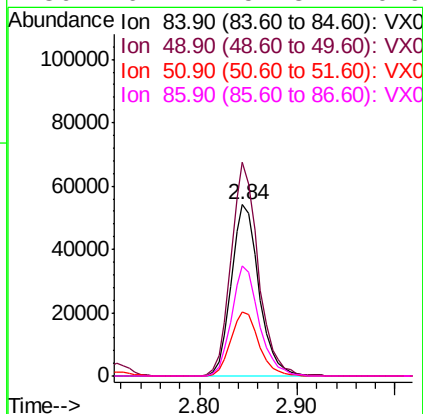
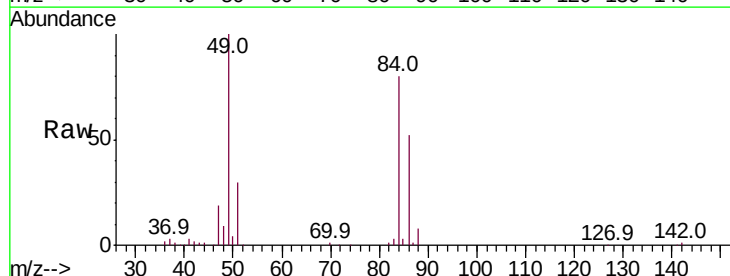
Tot Ion: 73 Resp: 345948
 Ion Ratio Lower Upper
 73 100
 57 22.5 16.8 25.2

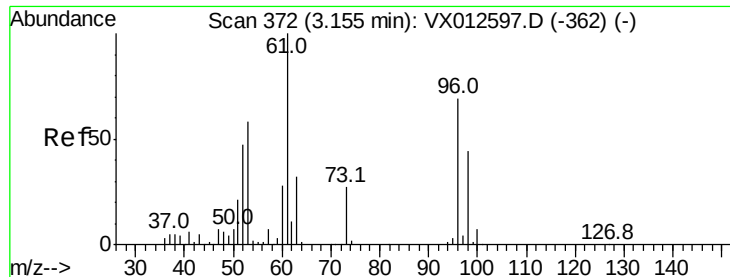


#20

Methylene Chloride
 Concen: 46.557 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion: 84 Resp: 106390
 Ion Ratio Lower Upper
 84 100
 49 124.8 106.8 160.2
 51 37.2 32.3 48.5
 86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.793 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

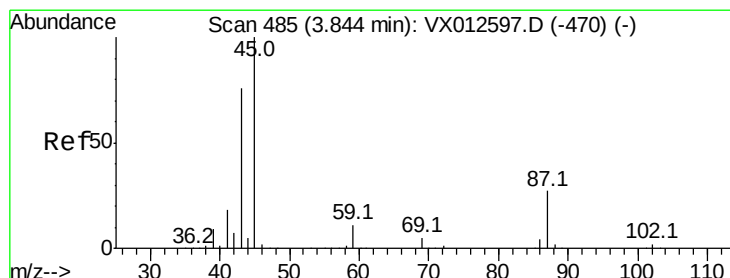
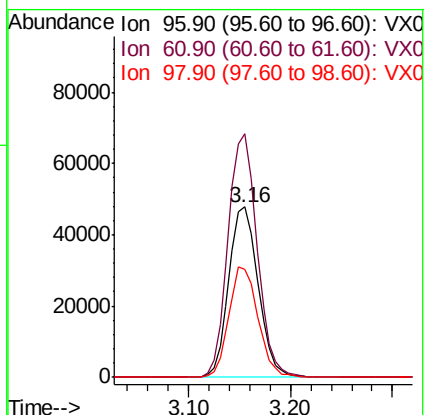
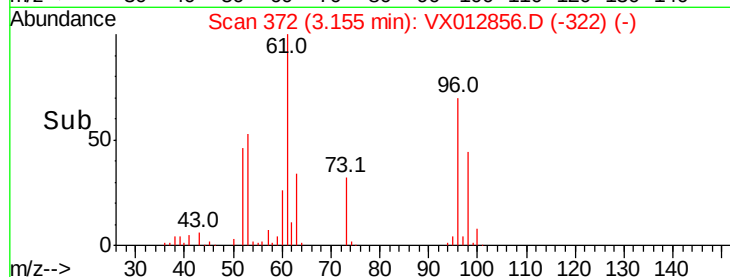
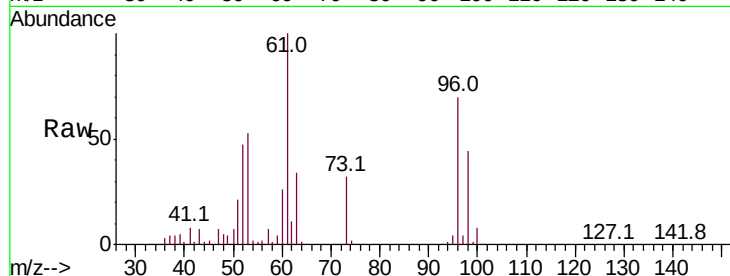
Tot Ion: 96 Resp: 95544

Ion Ratio Lower Upper

96 100

61 142.7 112.0 168.0

98 63.2 47.8 71.8



#22

Diisopropyl ether

Concen: 47.518 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Tgt Ion: 45 Resp: 343078

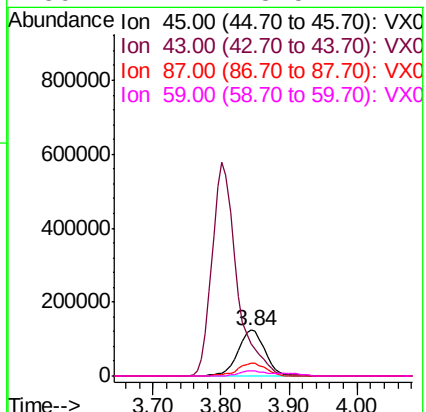
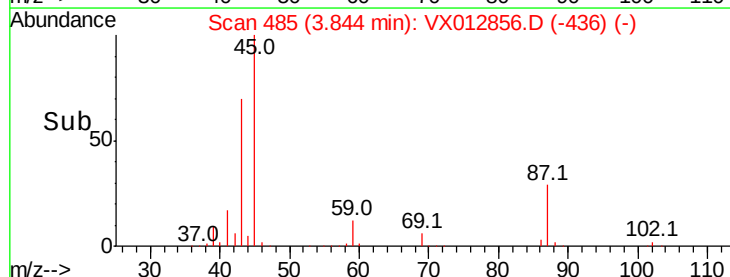
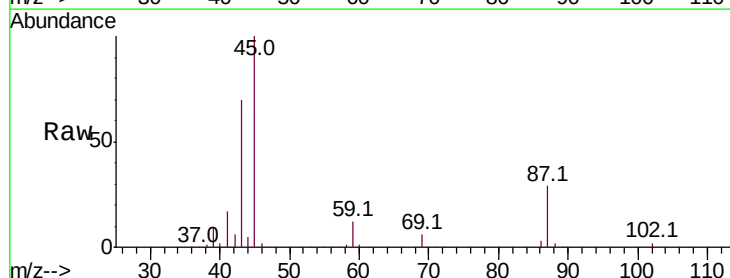
Ion Ratio Lower Upper

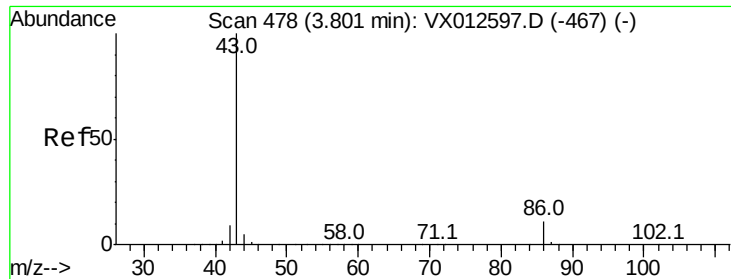
45 100

43 69.4 57.8 86.8

87 29.2 21.3 31.9

59 12.1 8.5 12.7





#23

Vinyl Acetate

Concen: 232.183 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

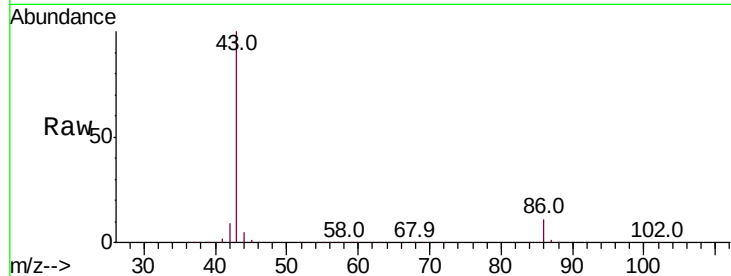
ClientSampleId :

Tot Ion: 43 Resp: 1470077

Ion Ratio Lower Upper

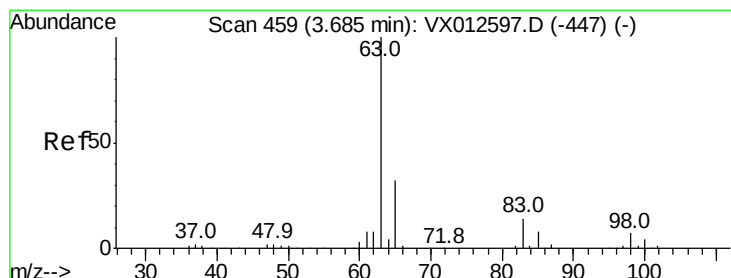
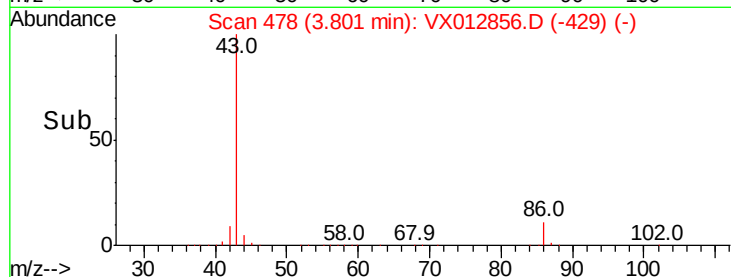
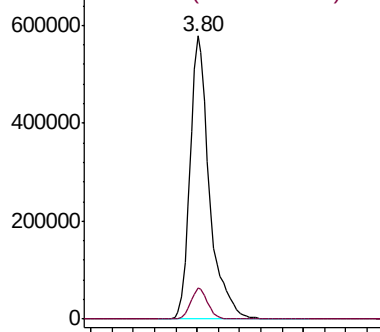
43 100

86 10.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.407 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

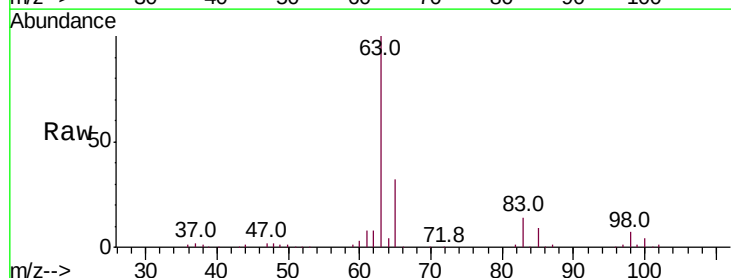
Tgt Ion: 63 Resp: 186050

Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

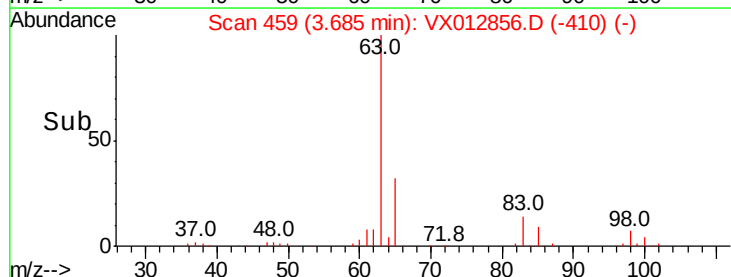
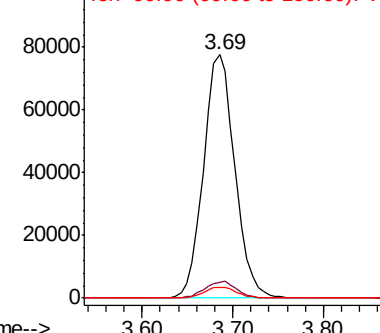
100 4.4 2.3 6.9

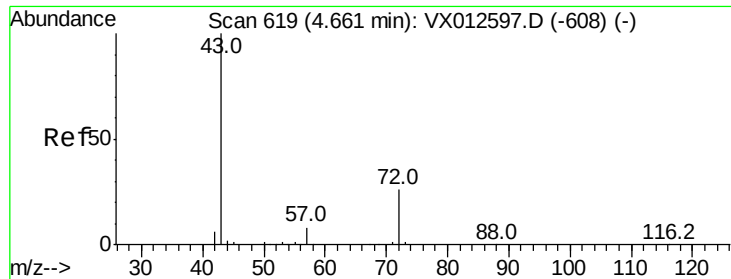


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 217.809 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

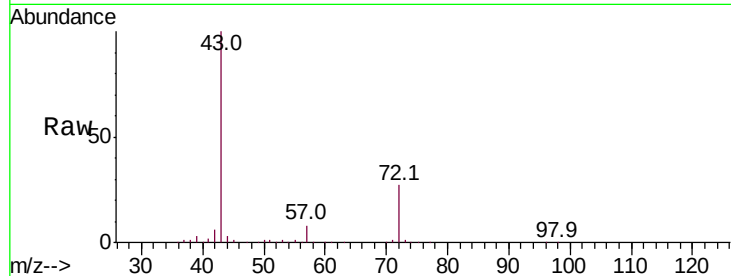
ClientSampleId :

Tot Ion: 43 Resp: 421945

Ion Ratio Lower Upper

43 100

72 27.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0

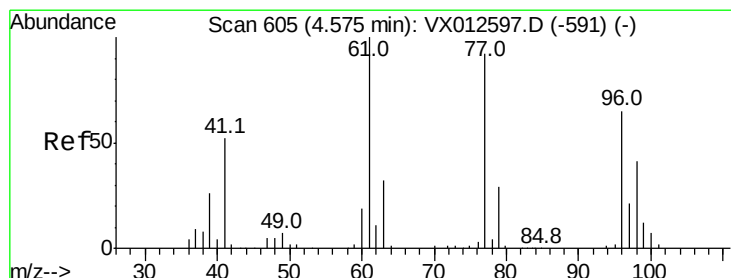
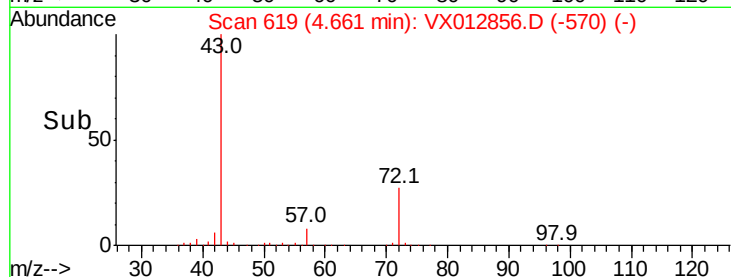
4.66

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.868 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012856.D

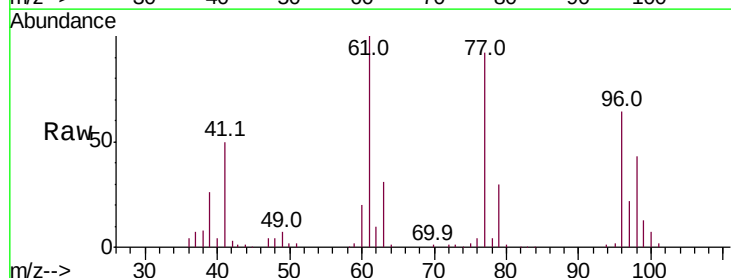
Acq: 07 Oct 2019 22:36

Tgt Ion: 77 Resp: 135668

Ion Ratio Lower Upper

77 100

97 22.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

4.57

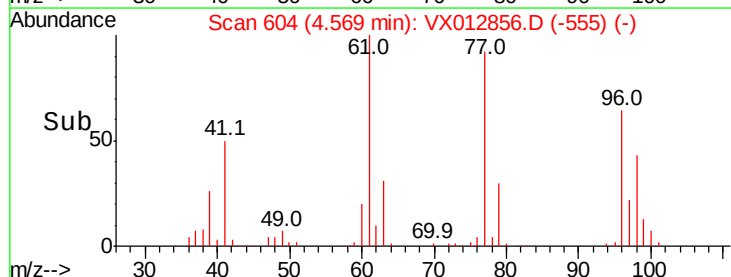
4.40

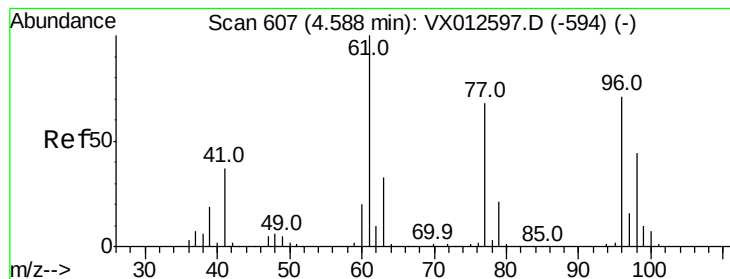
4.50

4.60

4.70

Time-->



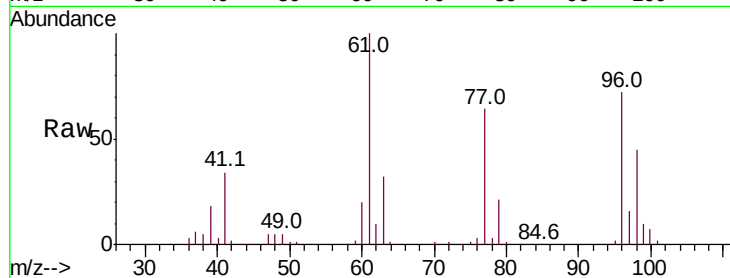


#27

cis-1,2-Dichloroethene
Concen: 47.546 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	115107
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	319.4
98	64.7	0.0	130.6

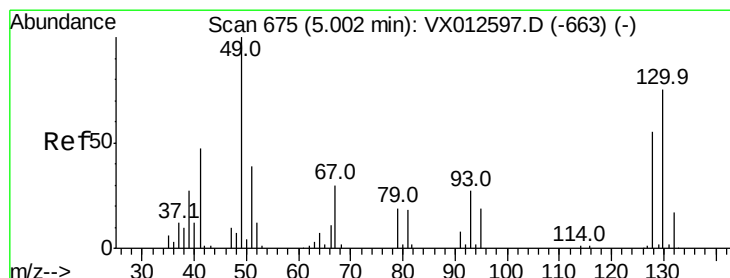
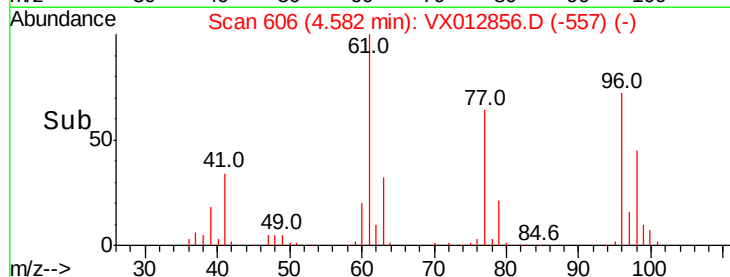
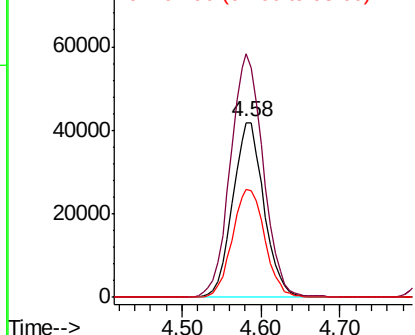


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

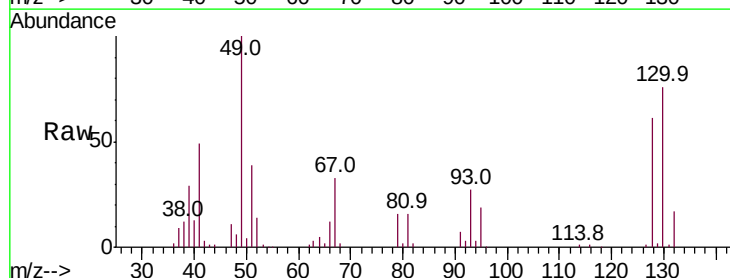
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 45.374 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion	49	Resp	64658
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	76.8	58.2	87.4

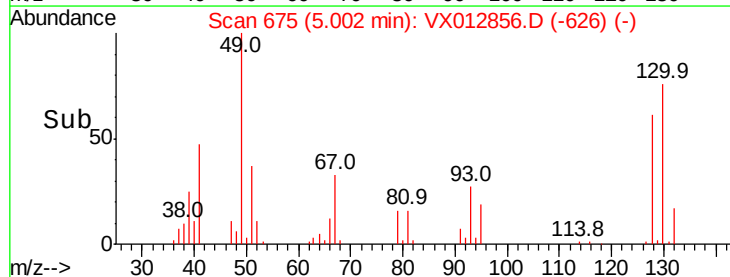
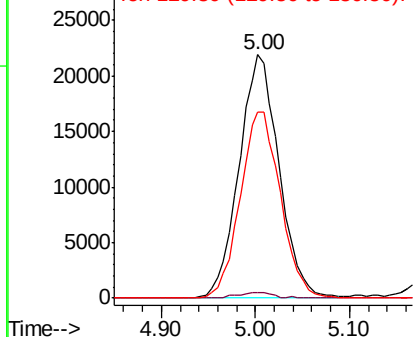


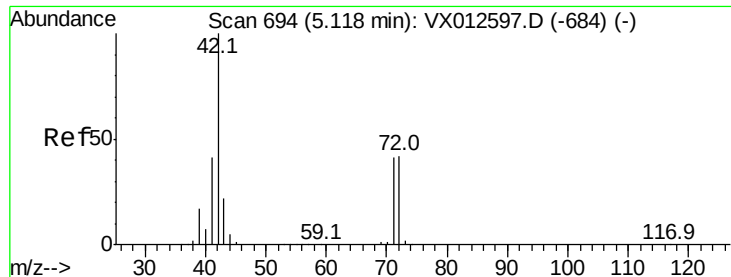
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 230.654 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampled :

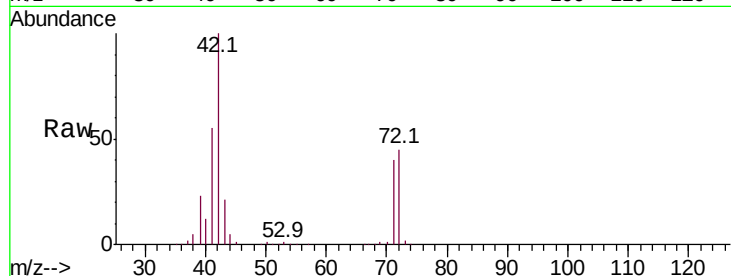
Tot Ion: 42 Resp: 272344

Ion Ratio Lower Upper

42 100

72 45.9 34.0 51.0

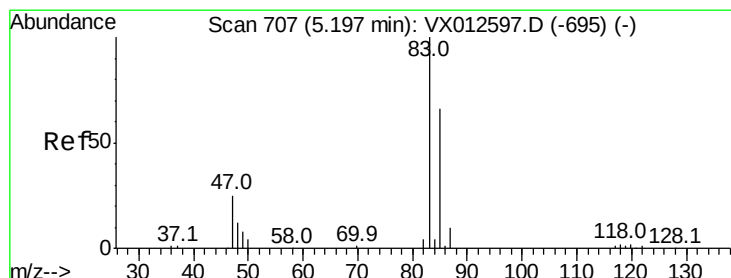
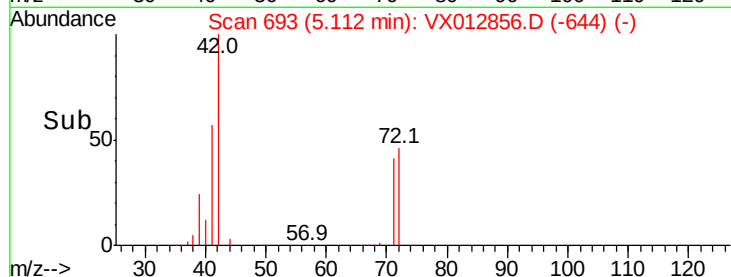
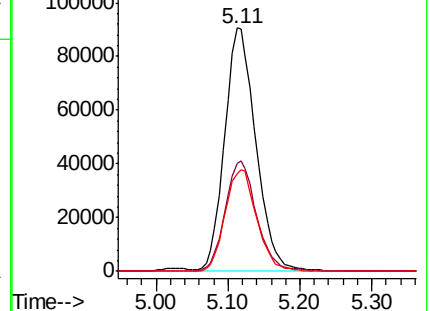
71 42.3 31.5 47.3



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: 46.954 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012856.D

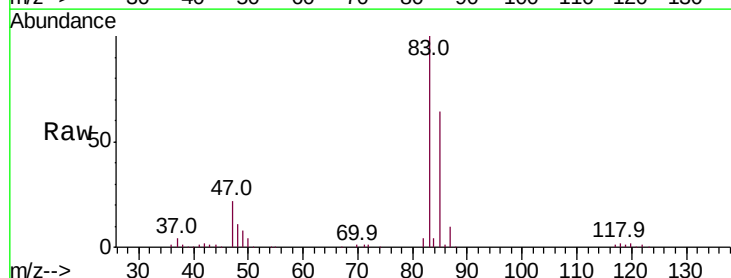
Acq: 07 Oct 2019 22:36

Tgt Ion: 83 Resp: 188528

Ion Ratio Lower Upper

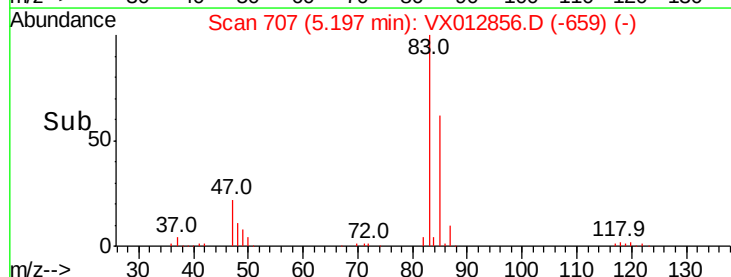
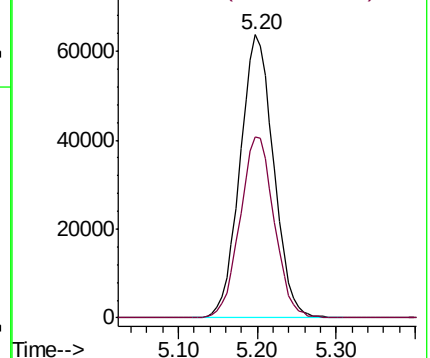
83 100

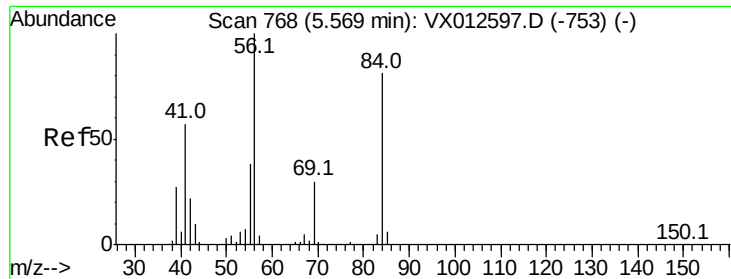
85 63.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

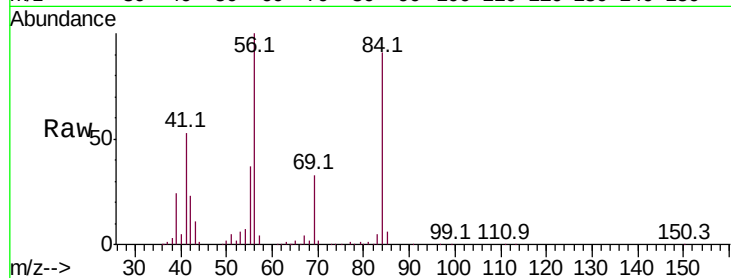




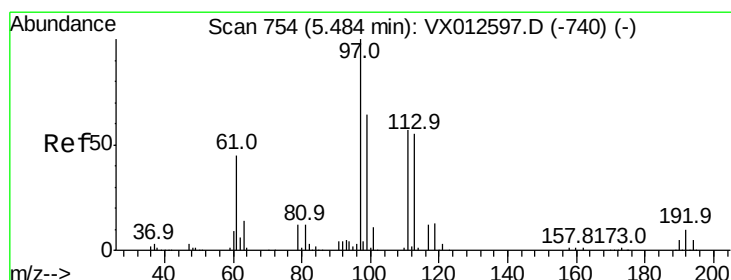
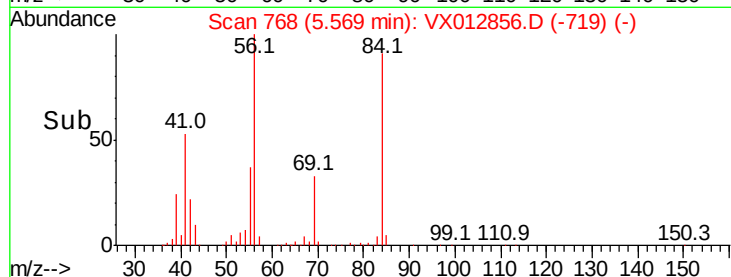
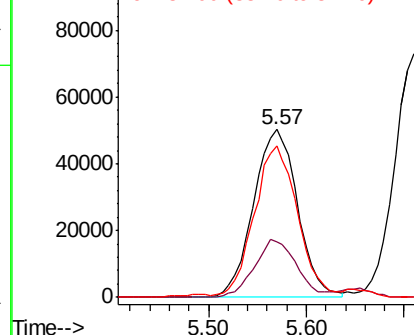
#31
Cyclohexane
Concen: 44.298 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 157276
Ion Ratio Lower Upper
56 100
69 33.4 25.0 37.6
84 88.8 66.4 99.6

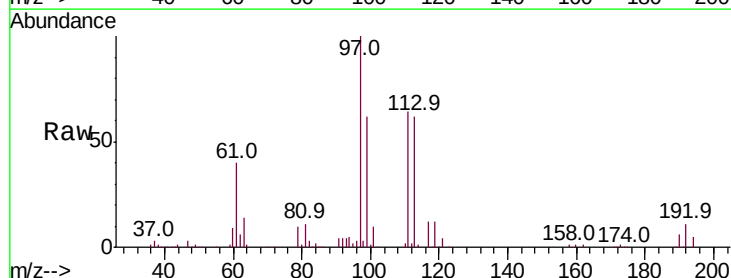


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

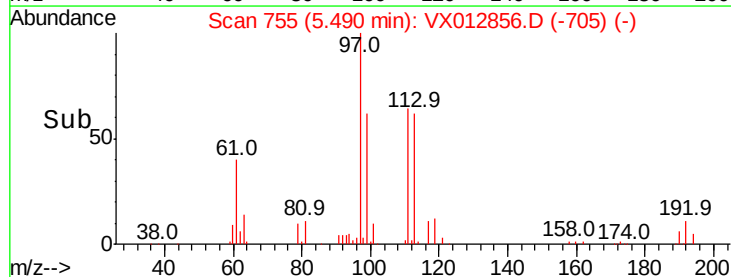
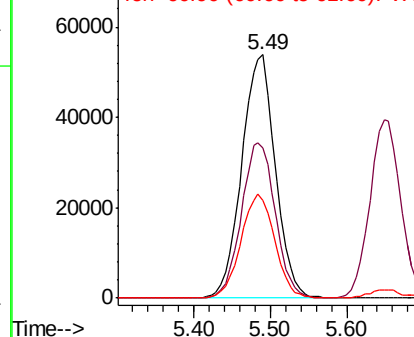


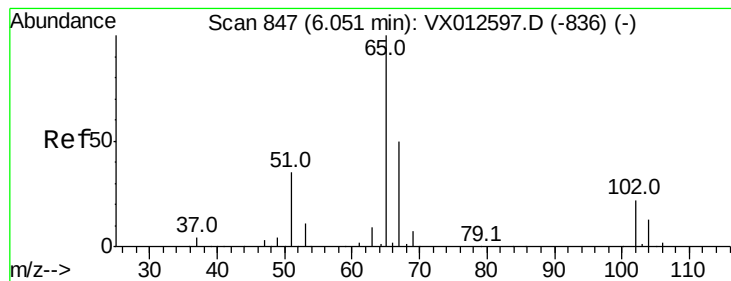
#32
1,1,1-Trichloroethane
Concen: 46.125 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 97 Resp: 164136
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 43.0 36.1 54.1



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





#33

1,2-Dichloroethane-d4

Concen: 46.244 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

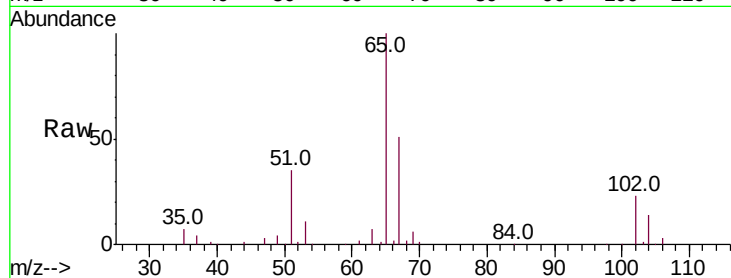
ClientSampled :

Tot Ion: 65 Resp: 117954

Ion Ratio Lower Upper

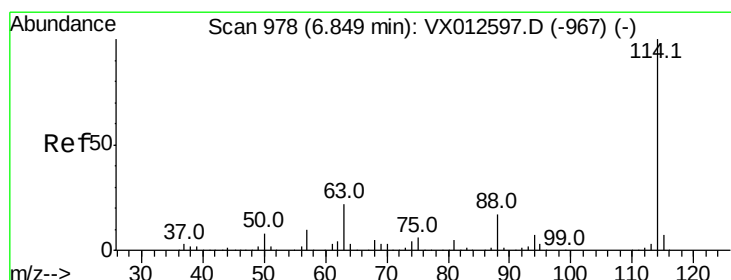
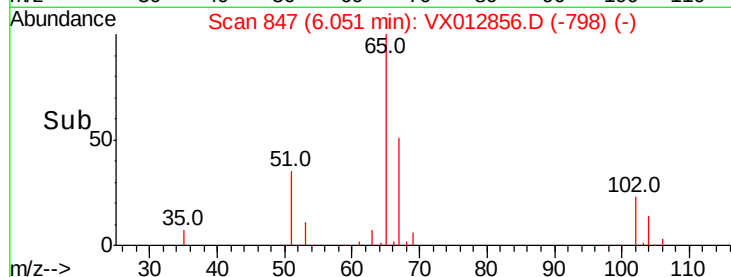
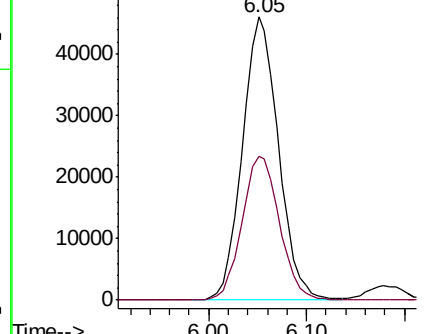
65 100

67 52.8 0.0 101.2



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# 978

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

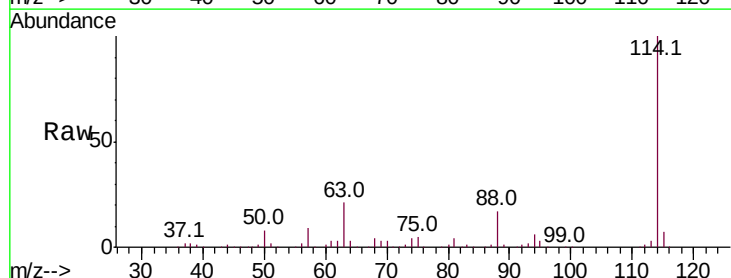
Tgt Ion:114 Resp: 304356

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

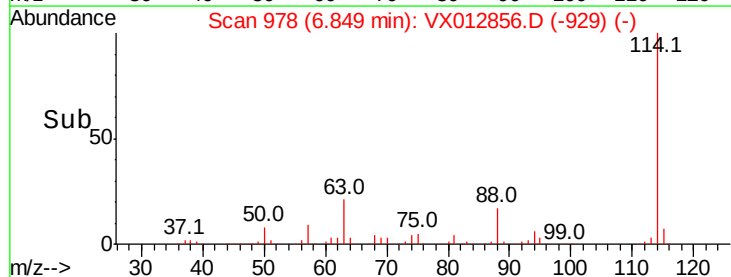
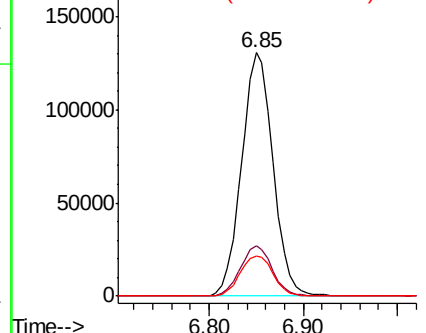
88 16.6 0.0 33.2

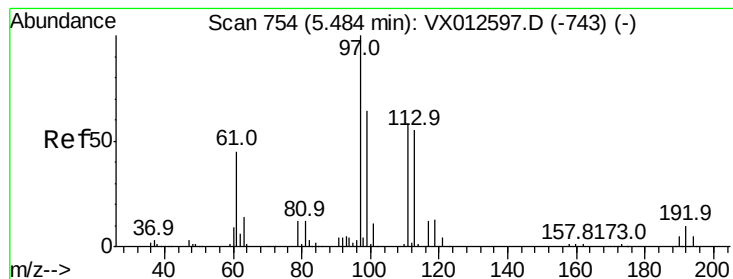


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.904 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampled :

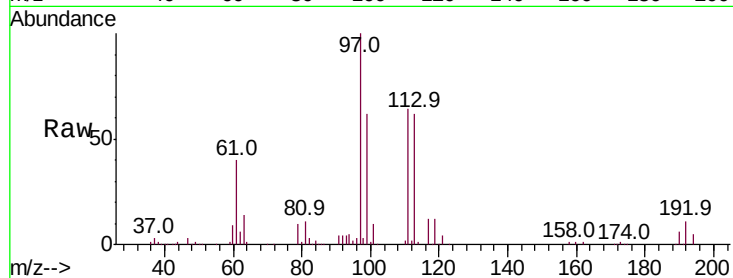
Tot Ion:113 Resp: 95892

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

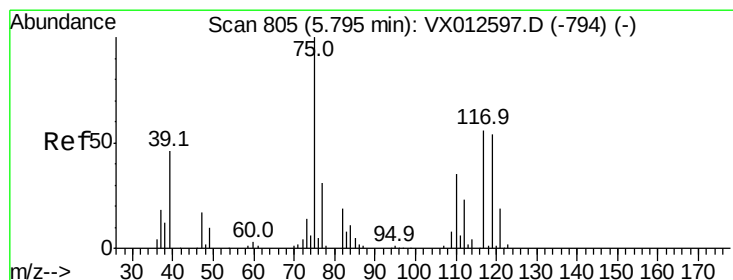
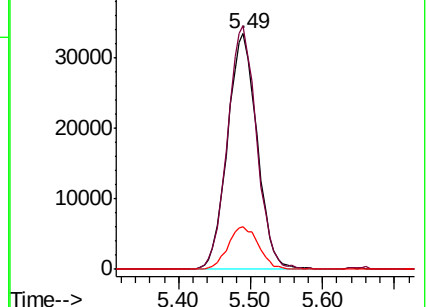
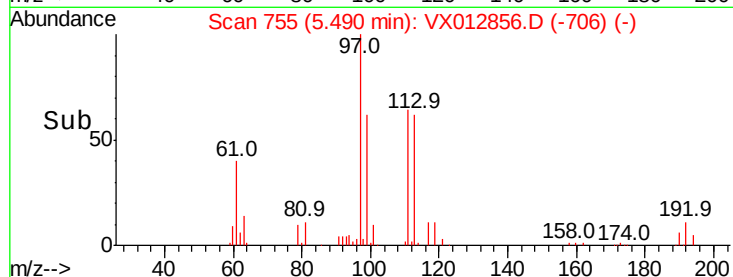
192 18.6 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.957 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

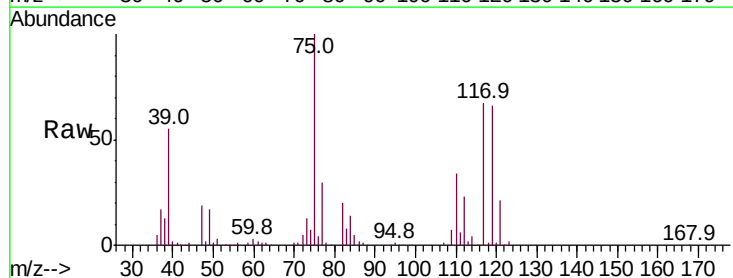
Tgt Ion: 75 Resp: 137756

Ion Ratio Lower Upper

75 100

110 34.7 16.7 50.0

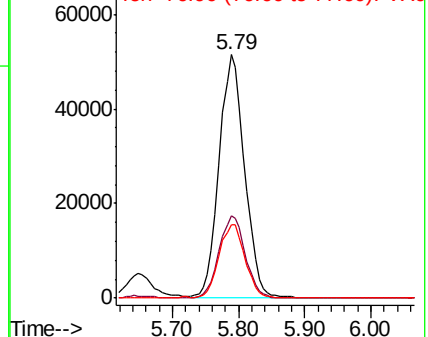
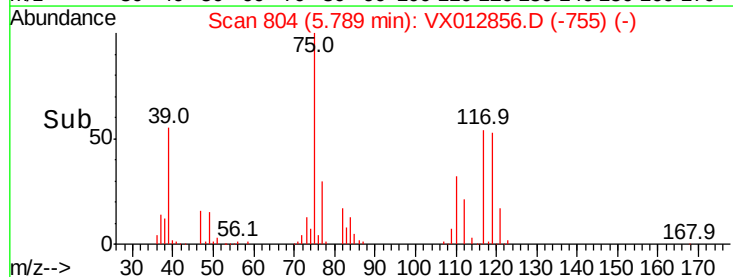
77 31.0 24.2 36.2

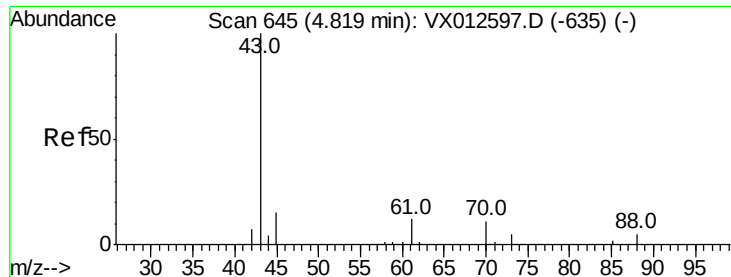


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.975 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

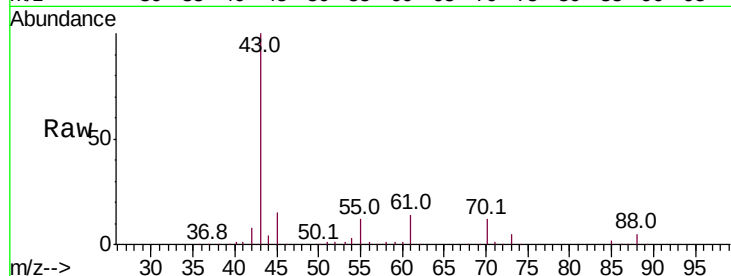
Tot Ion: 43 Resp: 161112

Ion Ratio Lower Upper

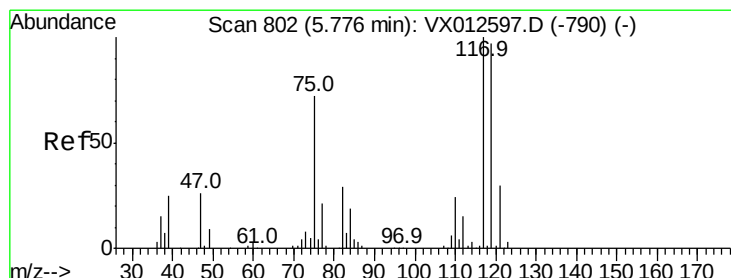
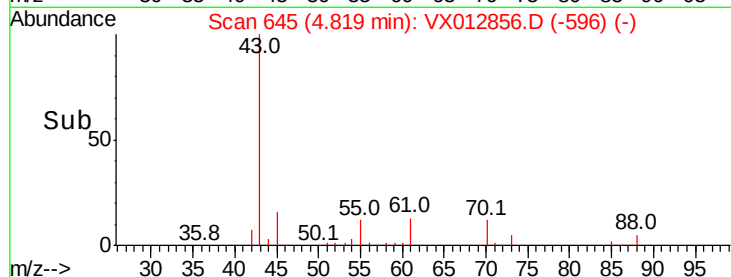
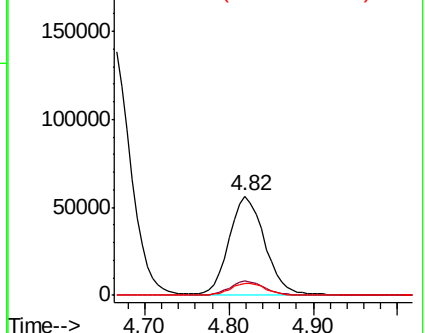
43 100

61 14.2 10.2 15.4

70 12.0 8.7 13.1



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: 46.072 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

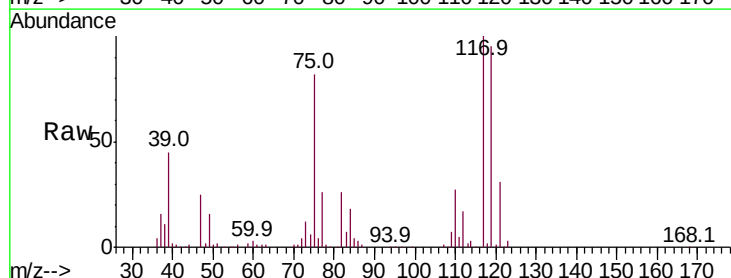
Tgt Ion: 117 Resp: 137300

Ion Ratio Lower Upper

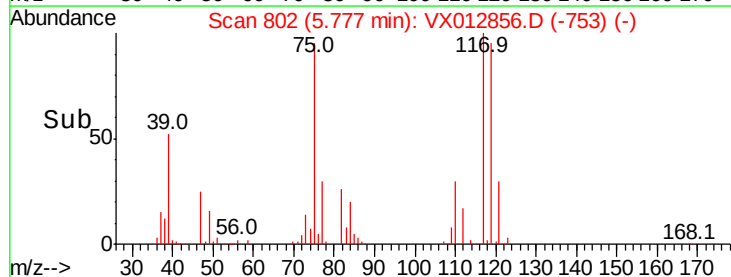
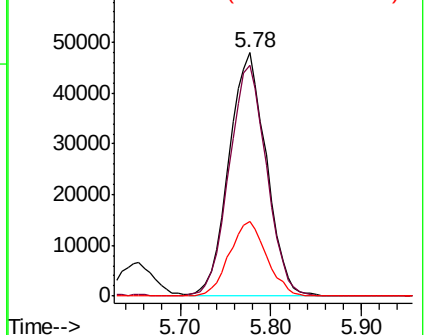
117 100

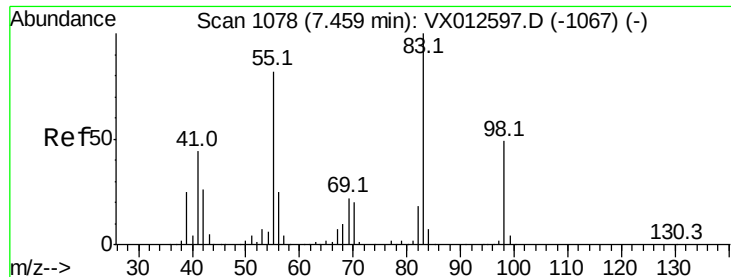
119 94.6 75.7 113.5

121 30.7 24.2 36.4



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

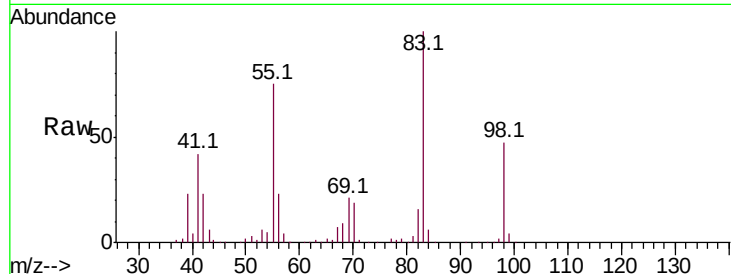




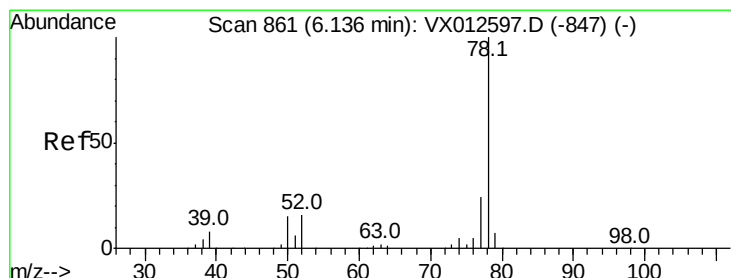
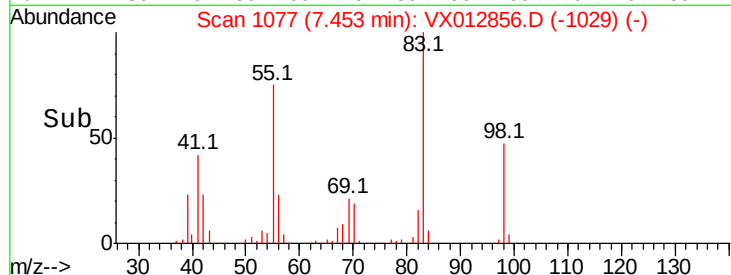
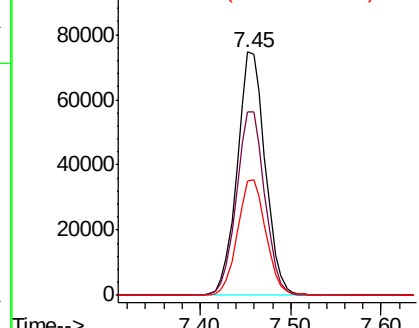
#39
Methylvlcyclohexane
Concen: 45.608 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 161075
Ion Ratio Lower Upper
83 100
55 75.3 64.4 96.6
98 46.8 40.1 60.1

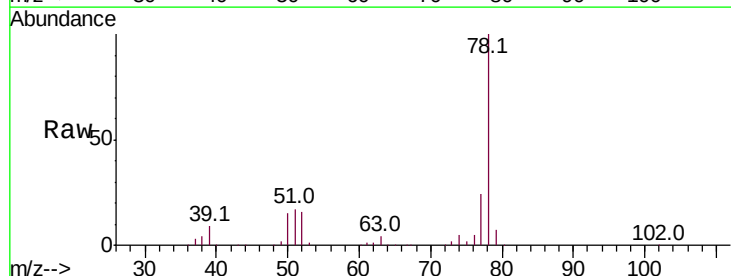


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

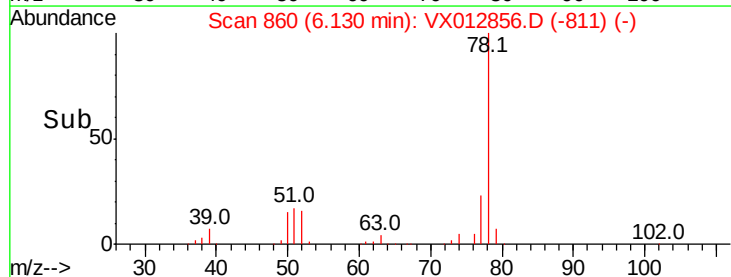
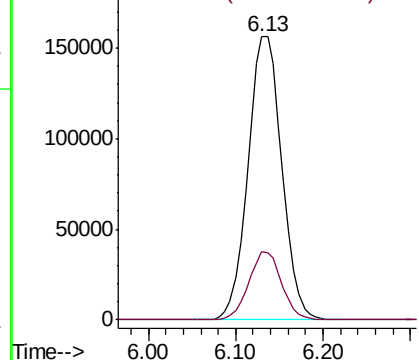


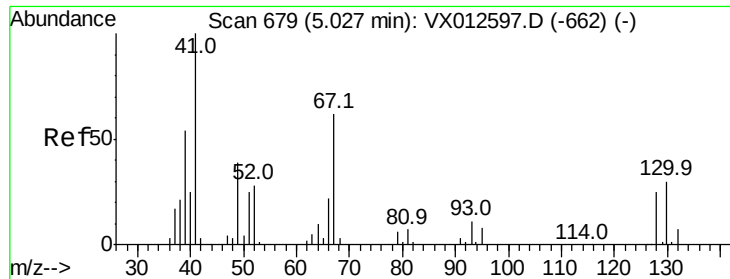
#40
Benzene
Concen: 48.554 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 78 Resp: 419099
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.618 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 93557

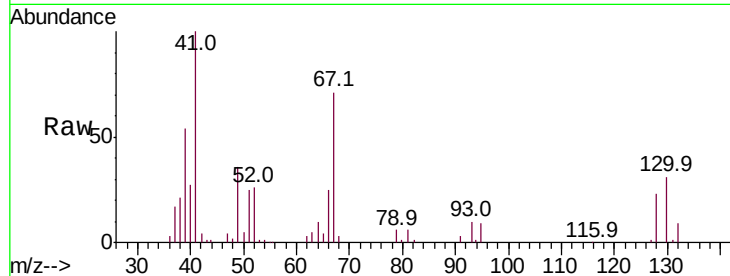
Ion Ratio Lower Upper

41 100

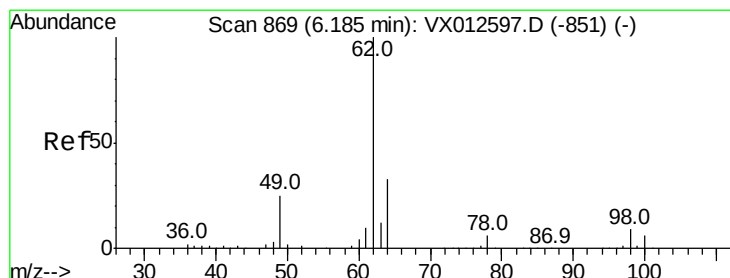
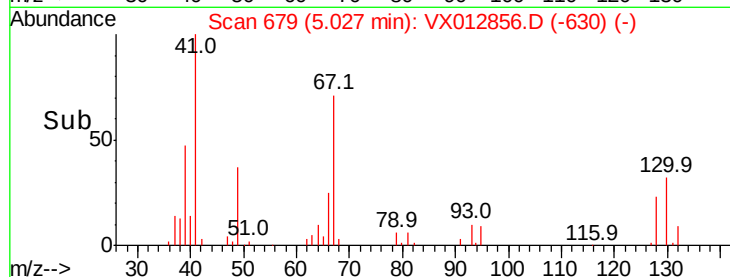
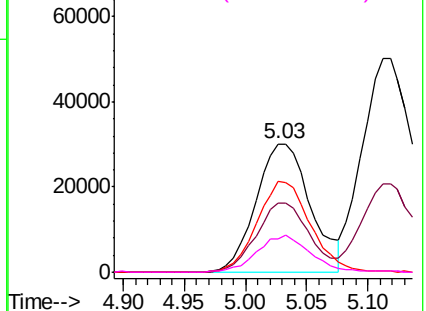
39 51.9 46.0 69.0

67 69.3 52.2 78.2

52 28.1 22.7 34.1



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



#42

1,2-Dichloroethane

Concen: 46.718 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012856.D

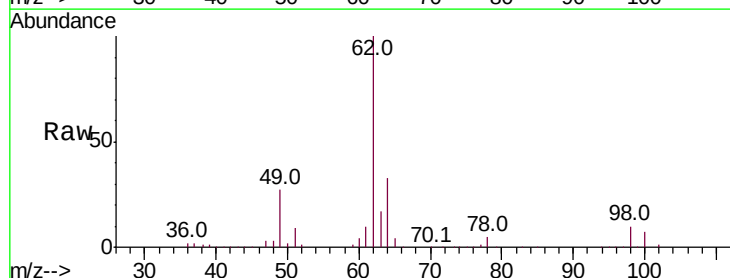
Acq: 07 Oct 2019 22:36

Tgt Ion: 62 Resp: 153132

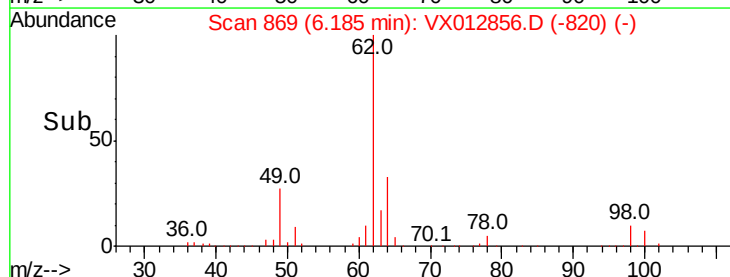
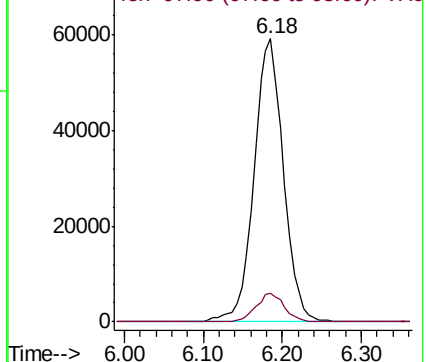
Ion Ratio Lower Upper

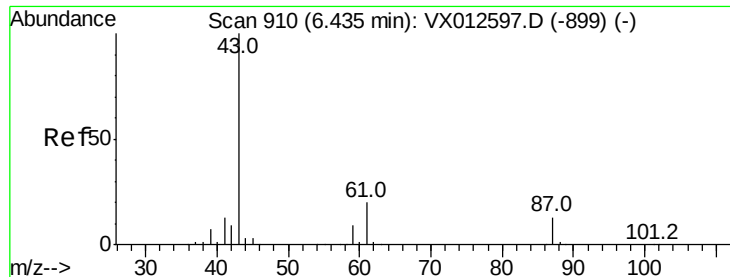
62 100

98 9.9 0.0 17.8



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





#43

Isopropyl Acetate

Concen: 46.738 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

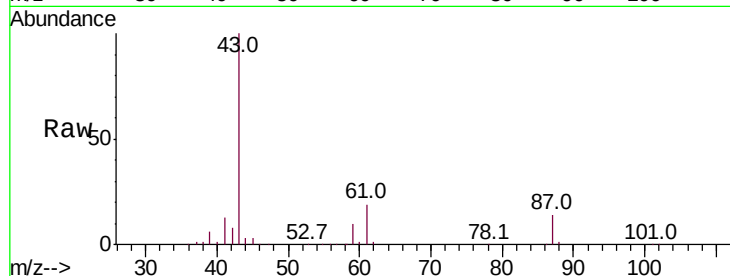
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 268070

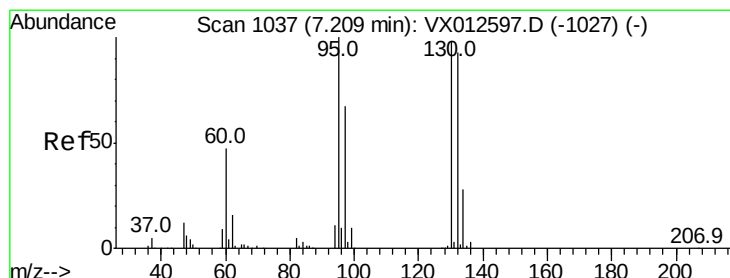
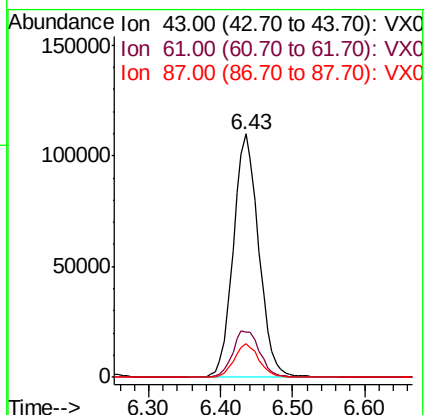
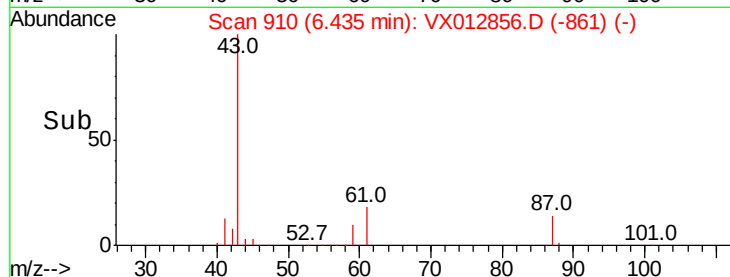
Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.5	9.8	14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

150000 Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.006 ug/l

RT: 7.21 min Scan# 1037

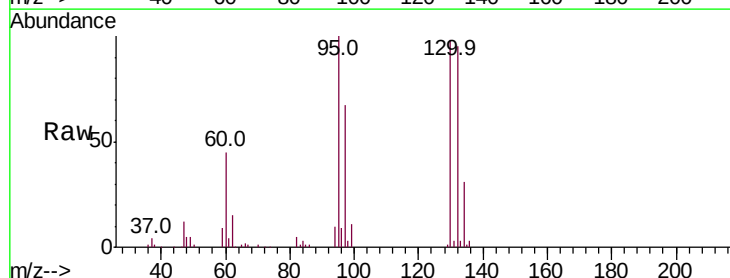
Delta R.T. 0.01 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

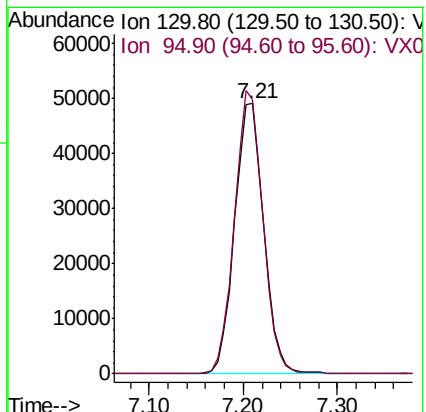
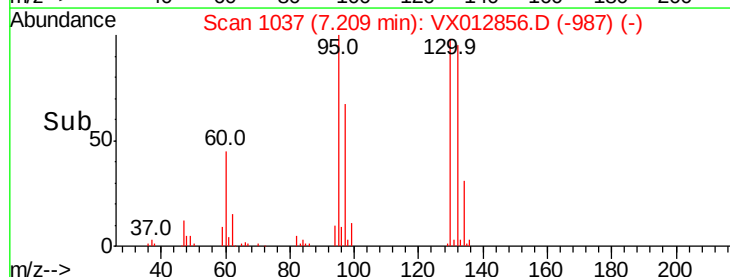
Tgt Ion:130 Resp: 105933

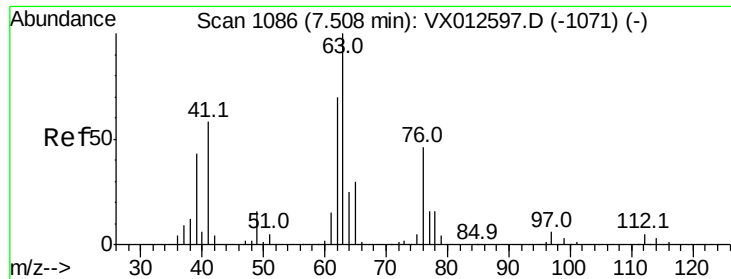
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V

60000 Ion 94.90 (94.60 to 95.60): VX0

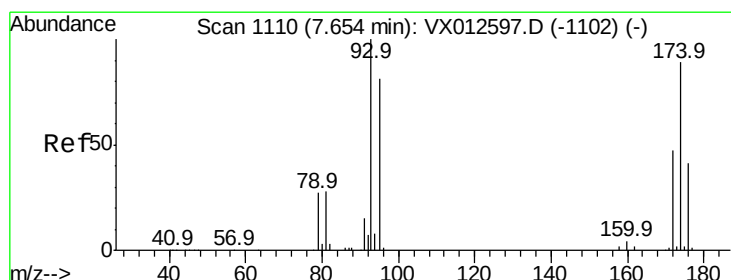
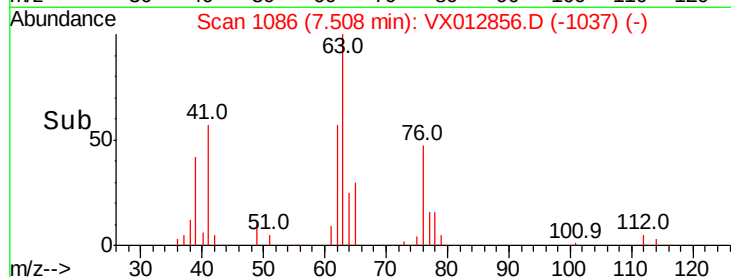
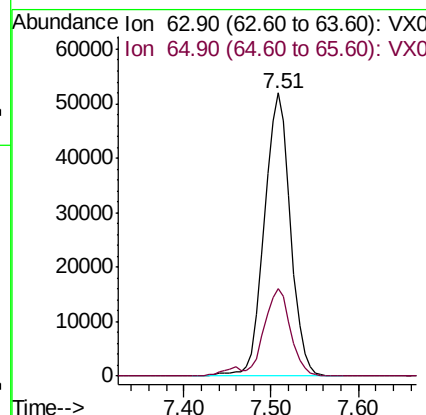
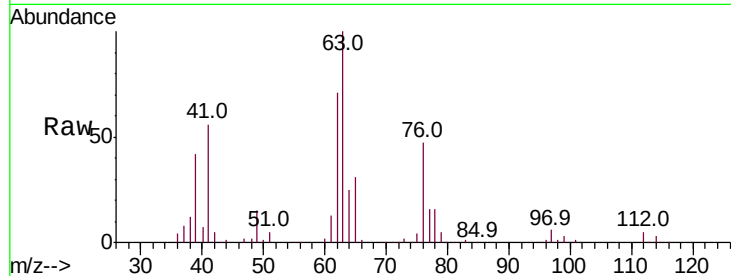




#45
 1,2-Dichloropropane
 Concen: 48.657 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

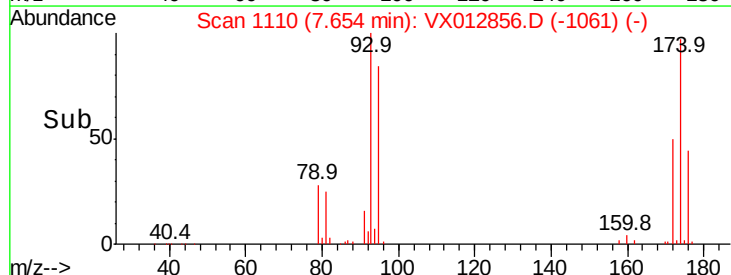
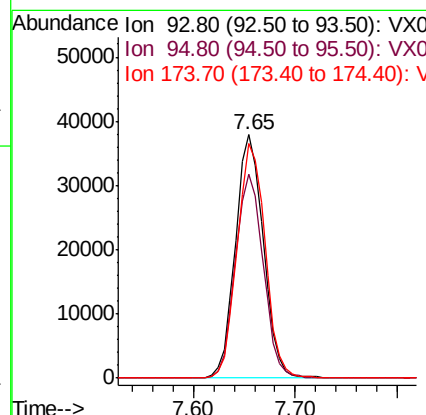
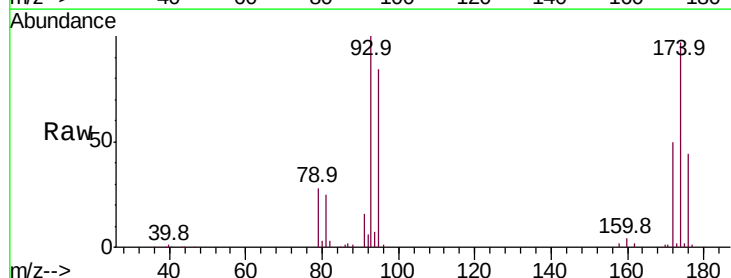
Instrument :
 MSVOA_X
 ClientSampleId :

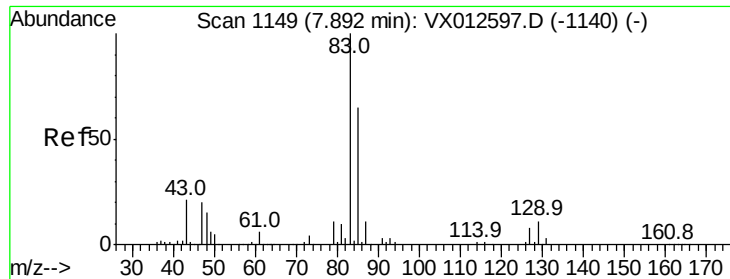
Tot Ion: 63 Resp: 107528
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



#46
 Dibromomethane
 Concen: 47.664 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion: 93 Resp: 71716
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 96.9 77.4 116.0





#47

Bromodichloromethane

Concen: 48.592 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :

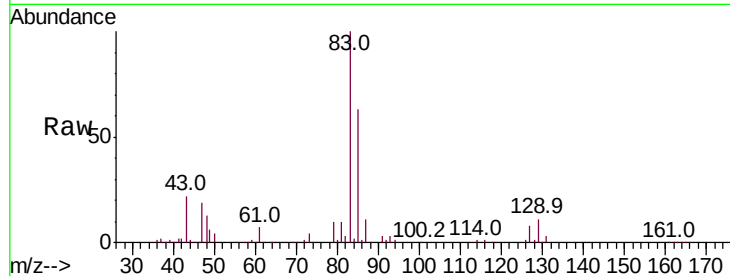
Tot Ion: 83 Resp: 146126

Ion Ratio Lower Upper

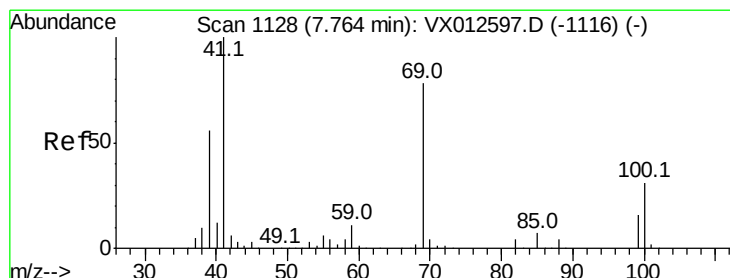
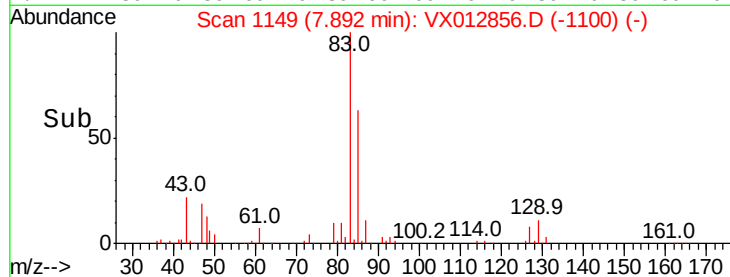
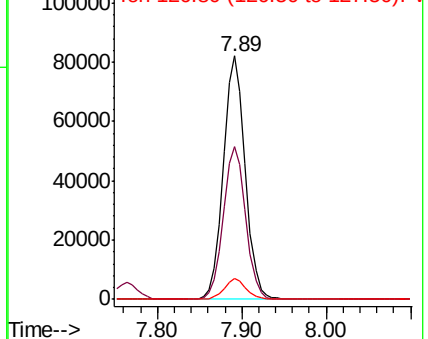
83 100

85 62.6 51.8 77.6

127 8.3 7.3 10.9



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: 47.080 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

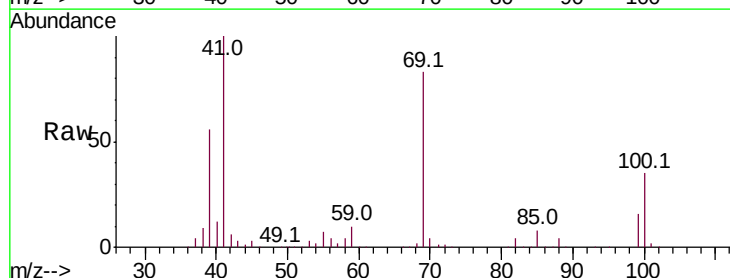
Tgt Ion: 41 Resp: 129481

Ion Ratio Lower Upper

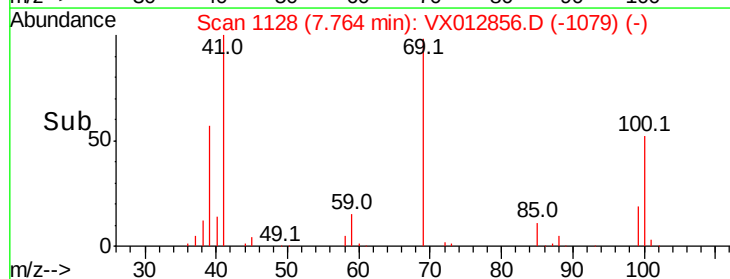
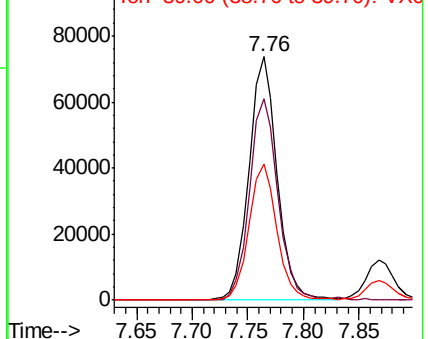
41 100

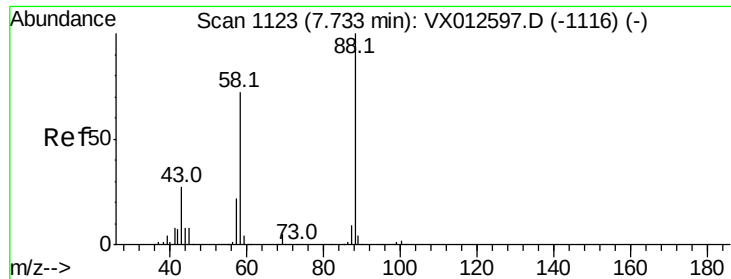
69 83.4 59.9 89.9

39 56.0 47.8 71.6



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

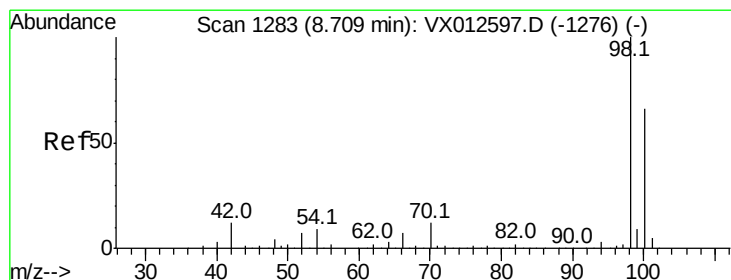
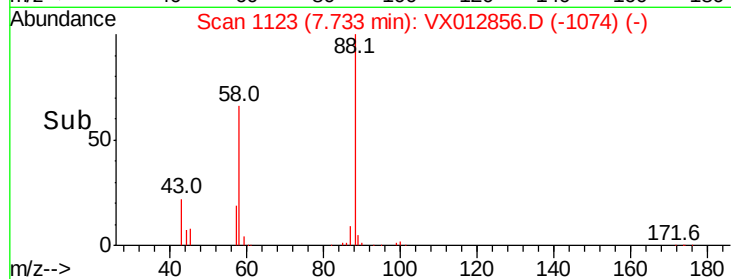
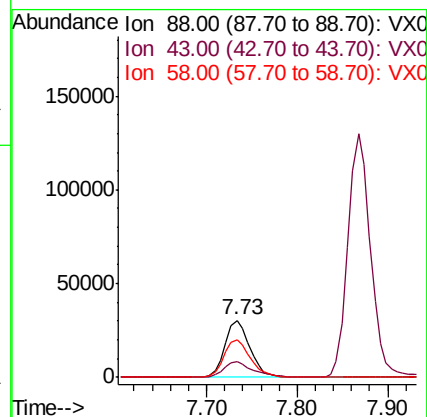
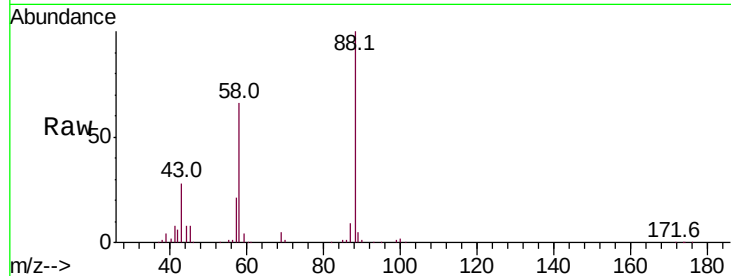




#49
1,4-Dioxane
Concen: 942.985 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

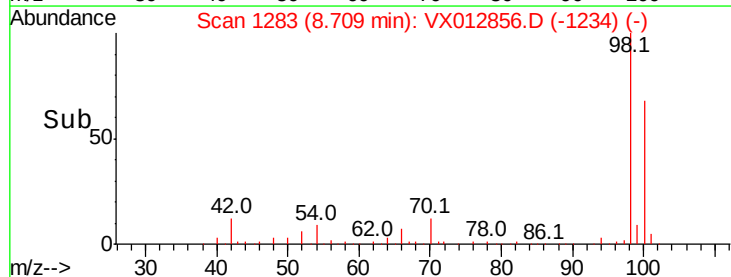
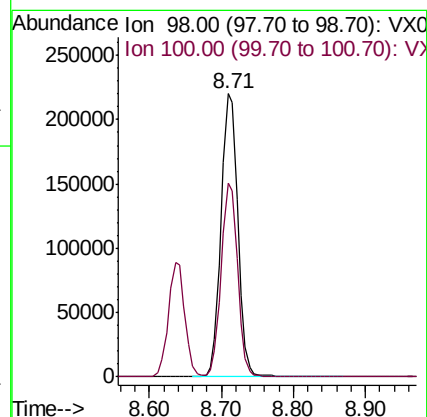
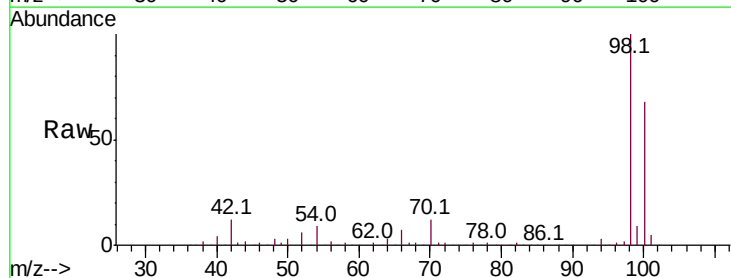
Instrument :
MSVOA_X
ClientSampleId :

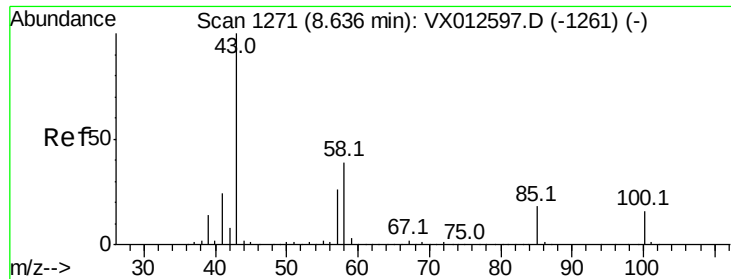
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.4	44.0
58	69.6	57.5	86.3



#50
Toluene-d8
Concen: 50.734 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 237.589 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

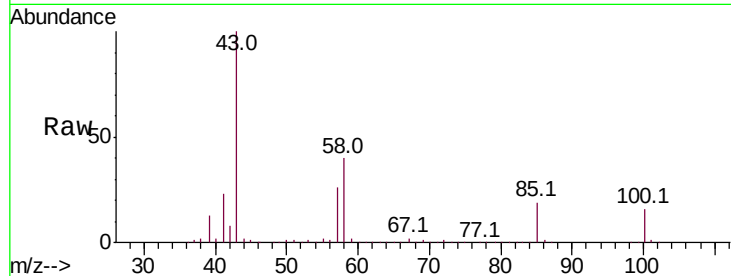
ClientSampled :

Tot Ion: 43 Resp: 841186

Ion Ratio Lower Upper

43 100

58 40.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

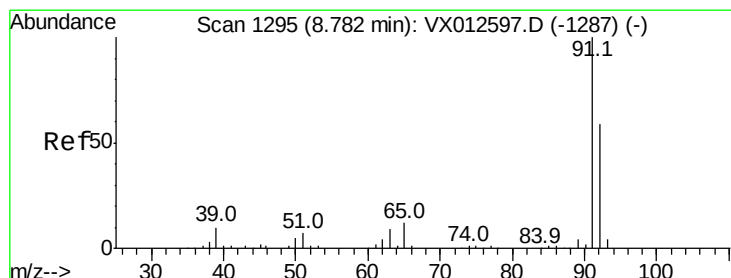
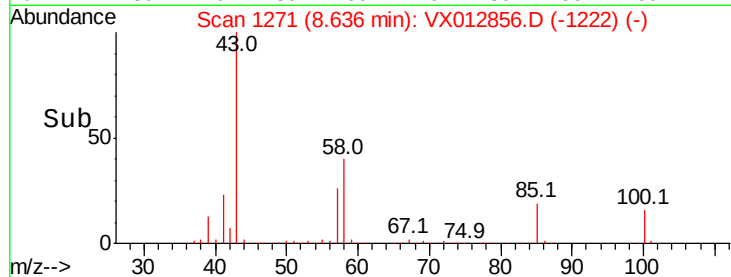
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.596 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012856.D

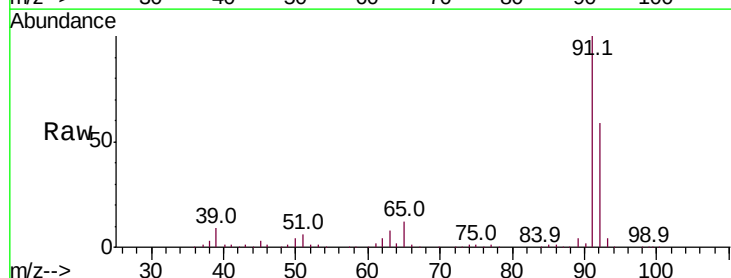
Acq: 07 Oct 2019 22:36

Tgt Ion: 92 Resp: 263638

Ion Ratio Lower Upper

92 100

91 169.2 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

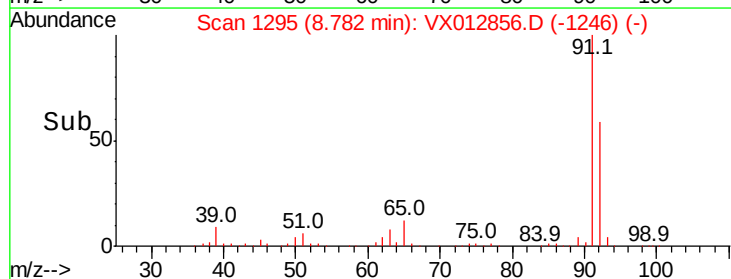
300000

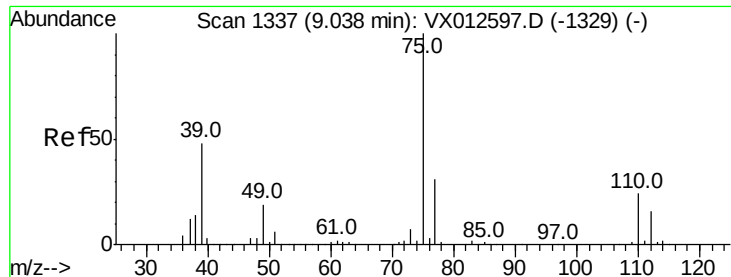
200000

100000

0

Time-->

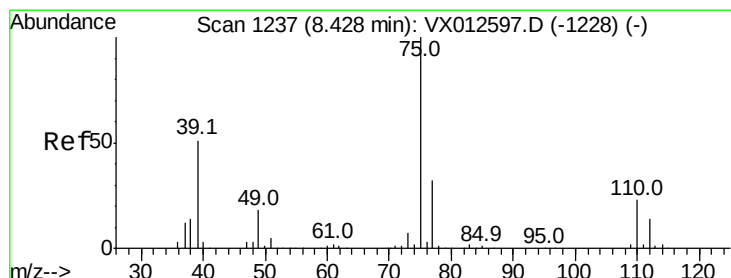
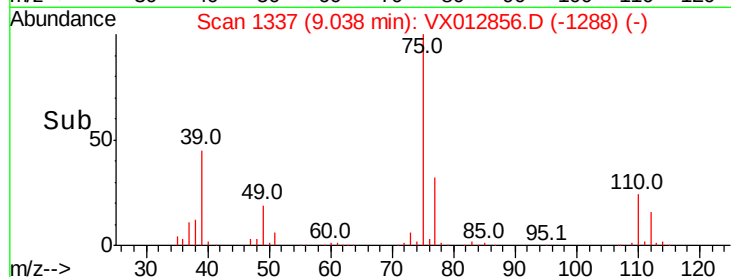
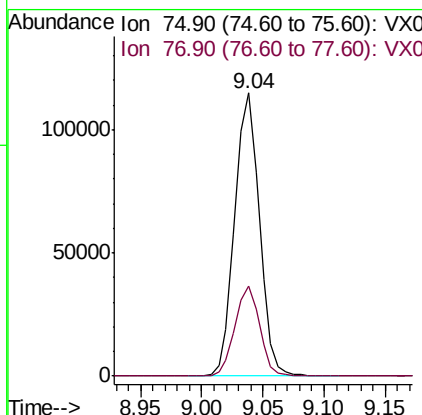
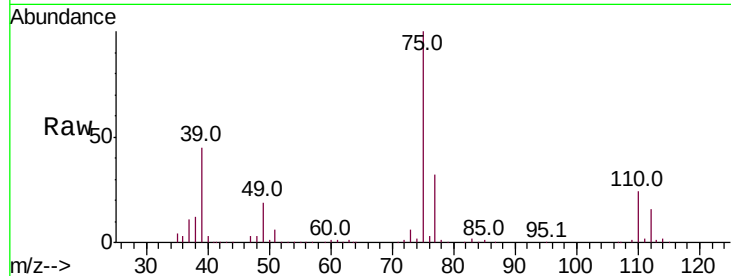




#53
t-1,3-Dichloropropene
Concen: 48.172 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

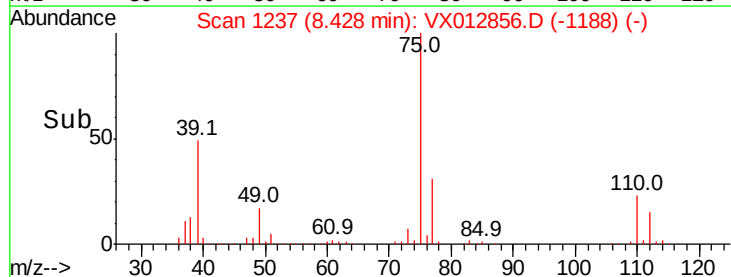
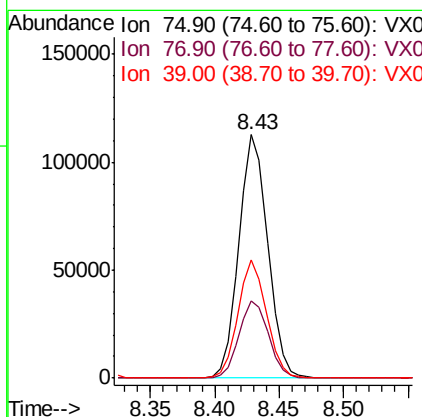
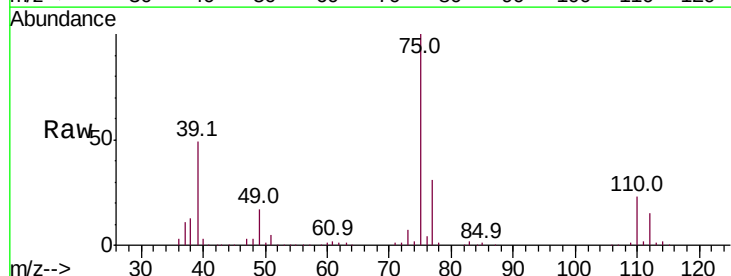
Instrument :
MSVOA_X
ClientSampled :

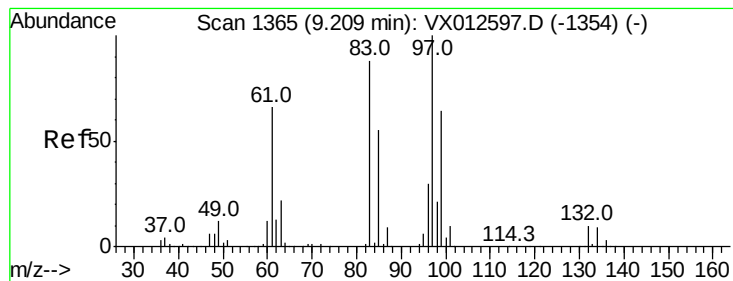
Tot Ion: 75 Resp: 160276
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 48.161 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 75 Resp: 174956
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 48.6 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 50.597 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 109130

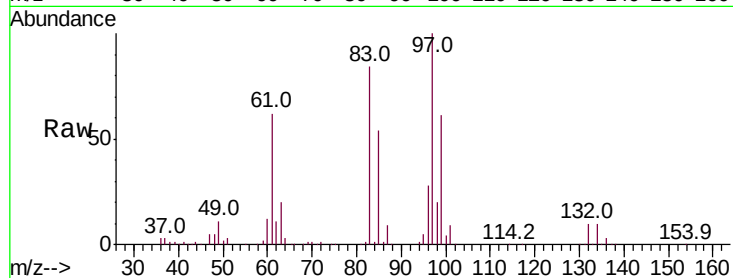
Ion Ratio Lower Upper

97 100

83 83.9 67.4 101.2

85 53.6 43.5 65.3

99 60.6 51.8 77.8

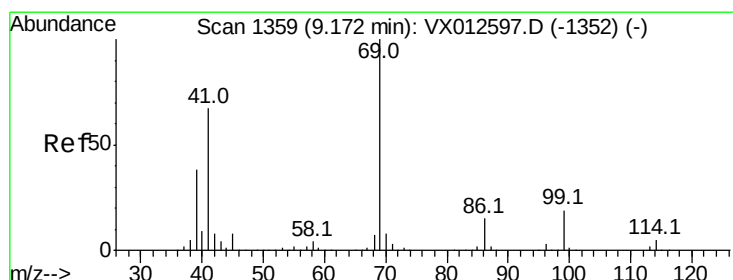
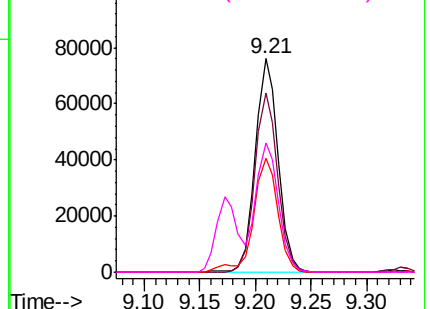
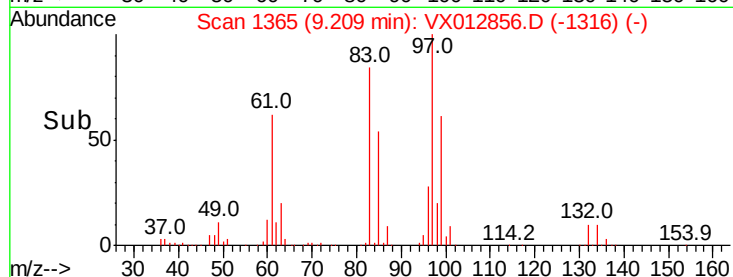


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.527 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

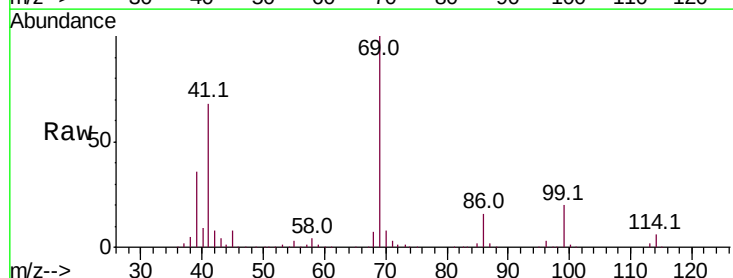
Tgt Ion: 69 Resp: 183084

Ion Ratio Lower Upper

69 100

41 66.6 58.4 87.6

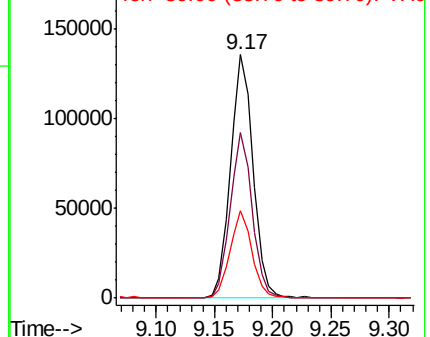
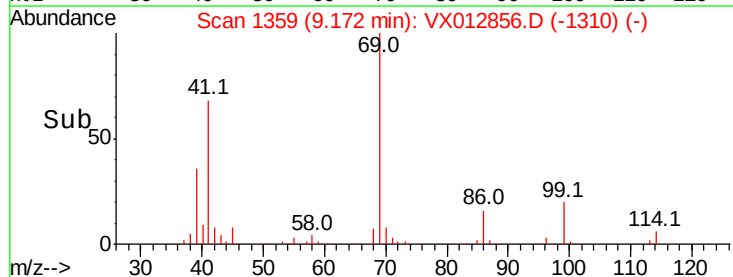
39 34.9 33.4 50.0

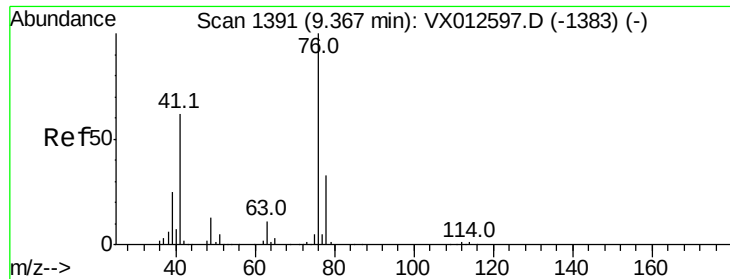


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

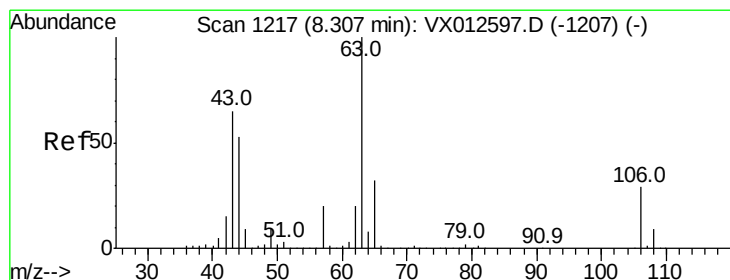
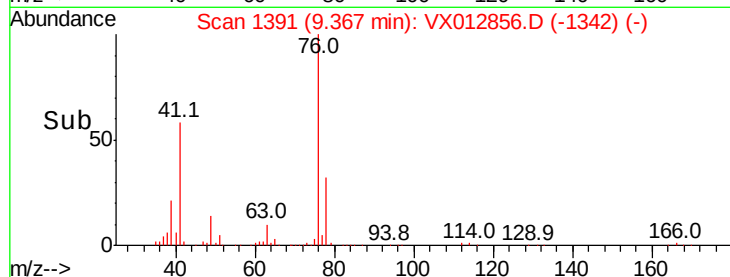
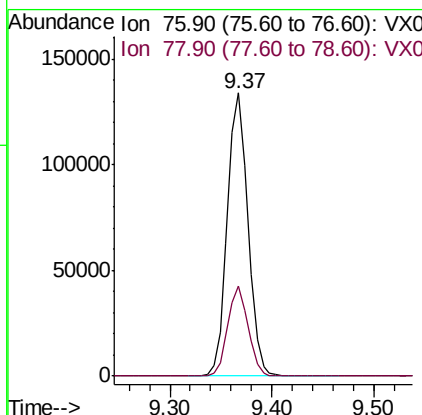
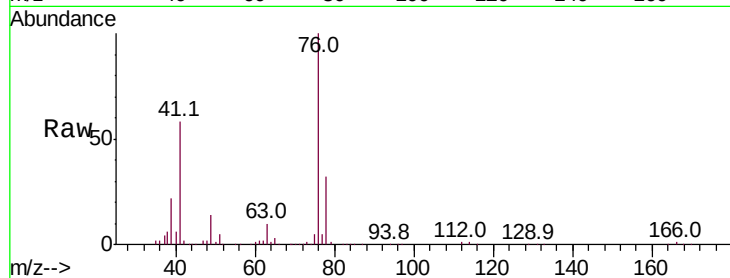




#57
 1,3-Dichloropropane
 Concen: 49.608 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

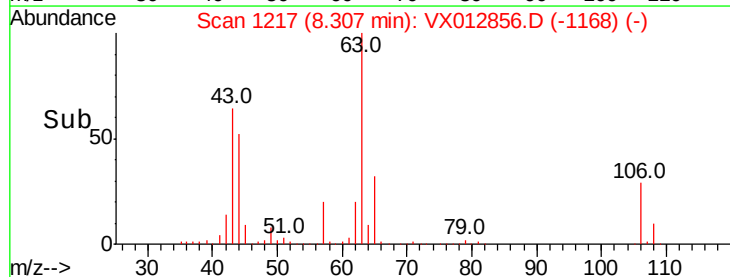
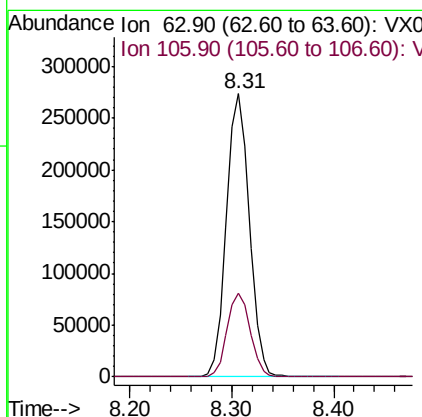
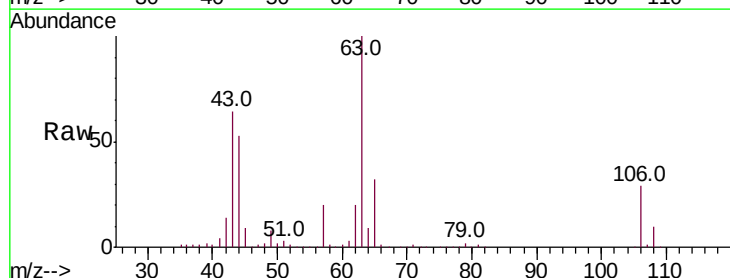
Instrument :
 MSVOA_X
 ClientSampled :

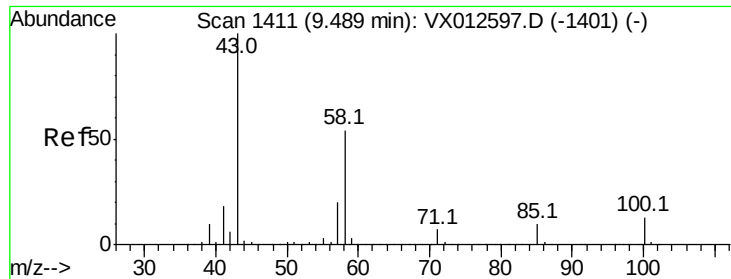
Tot Ion: 76 Resp: 187263
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.955 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion: 63 Resp: 426070
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.6

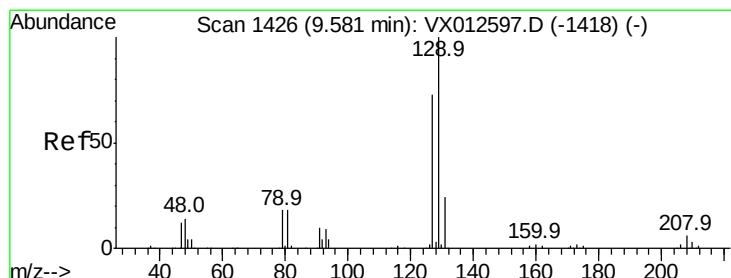
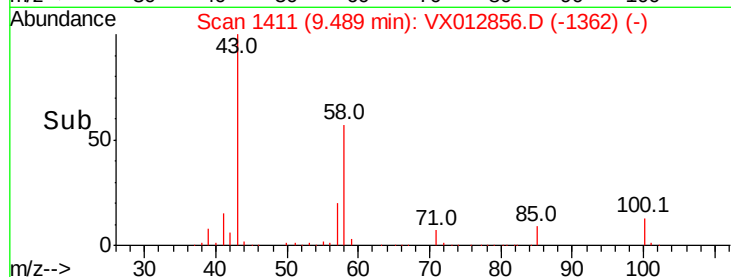
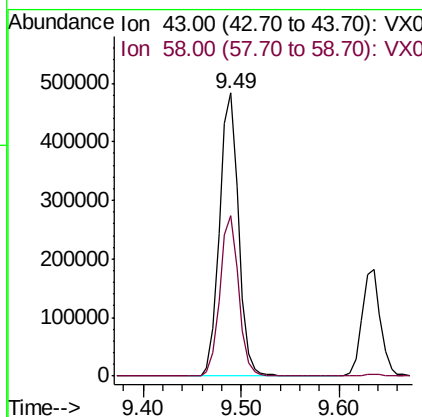
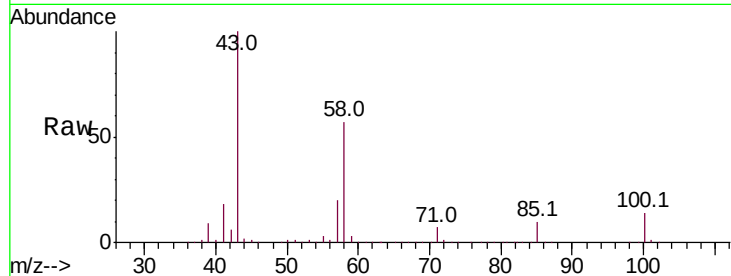




#59
2-Hexanone
Concen: 240.812 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

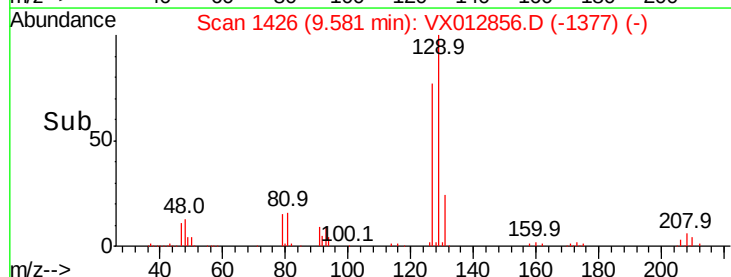
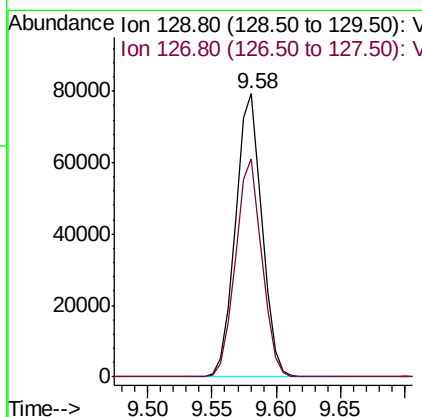
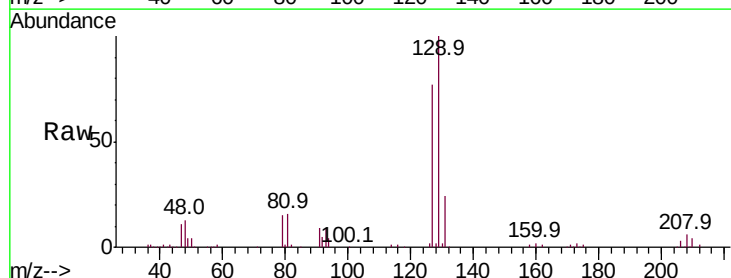
Instrument :
MSVOA_X
ClientSampleId :

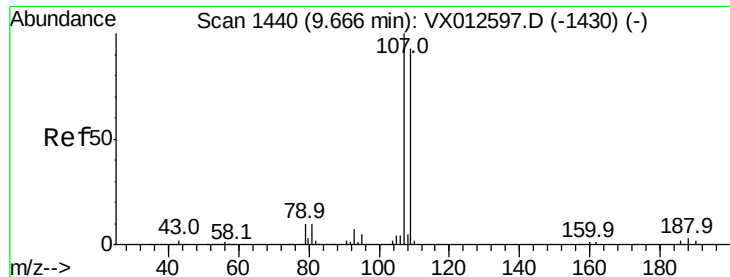
Tot Ion: 43 Resp: 652611
Ion Ratio Lower Upper
43 100
58 55.9 25.7 77.1



#60
Dibromochloromethane
Concen: 51.889 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 129 Resp: 113293
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.470 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

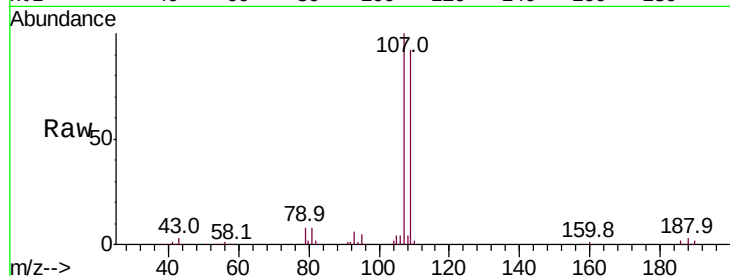
ClientSampleId :

Tot Ion:107 Resp: 113290

Ion Ratio Lower Upper

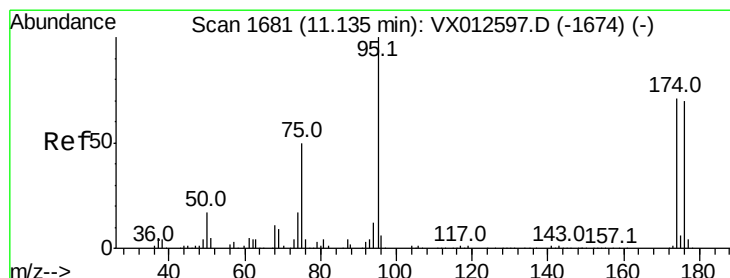
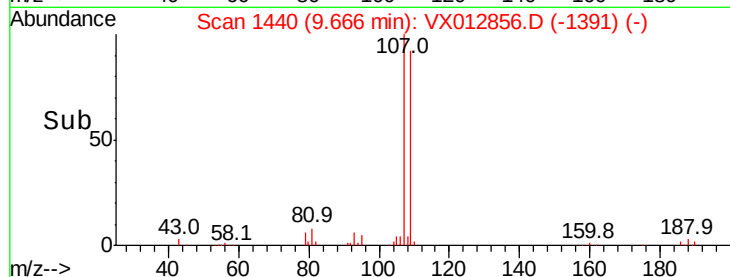
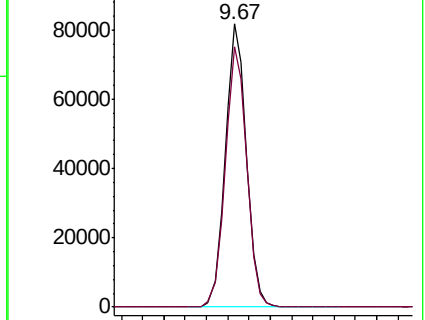
107 100

109 93.6 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.721 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

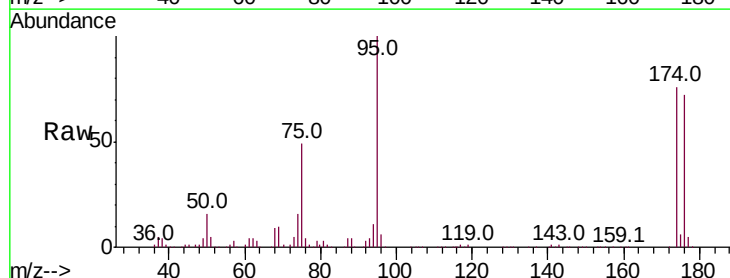
Tgt Ion: 95 Resp: 141957

Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.0

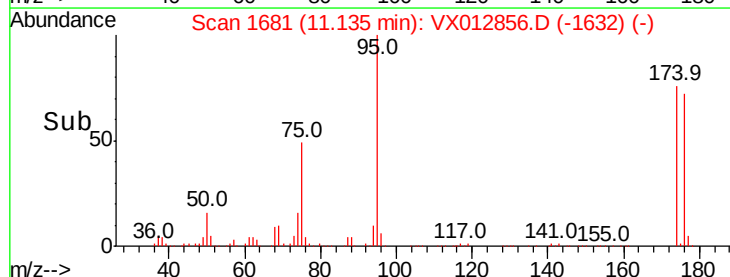
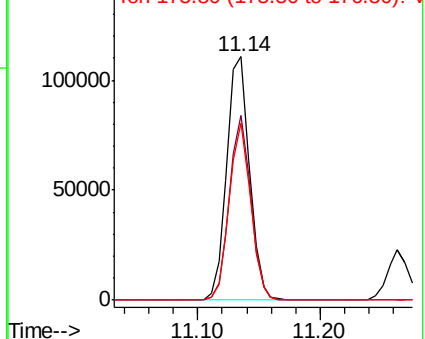
176 68.6 0.0 135.4

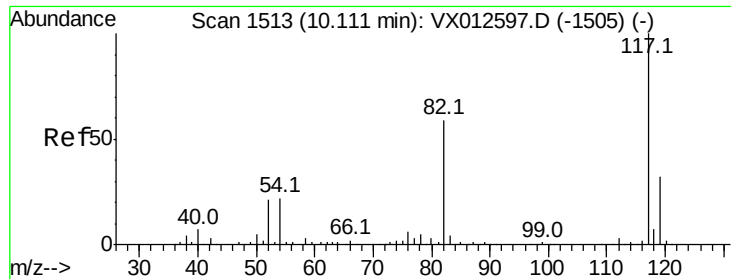


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

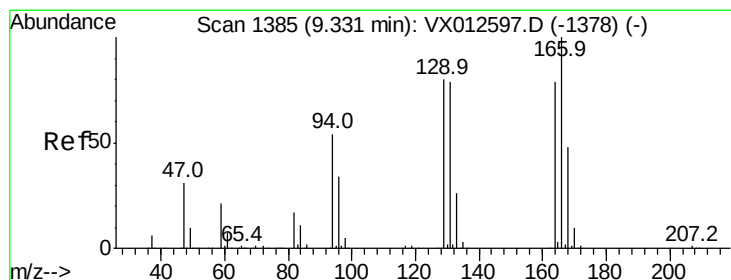
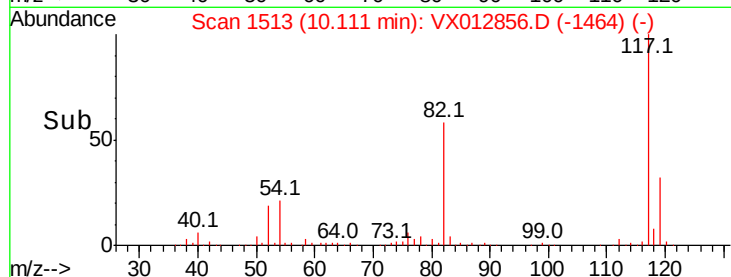
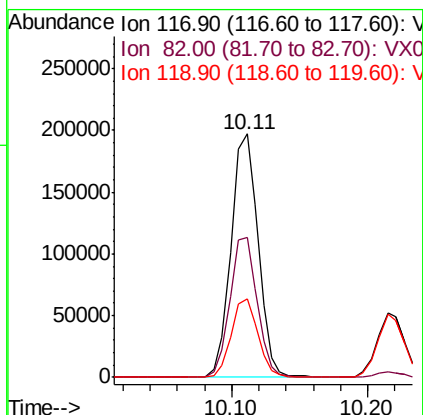
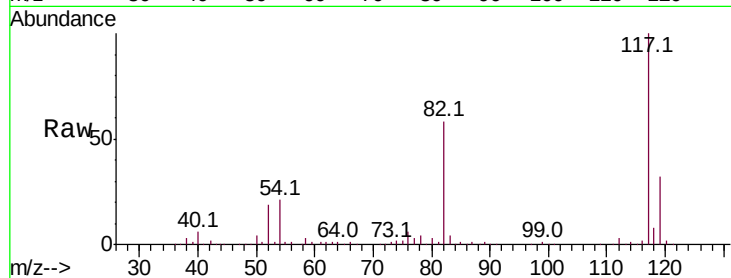




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

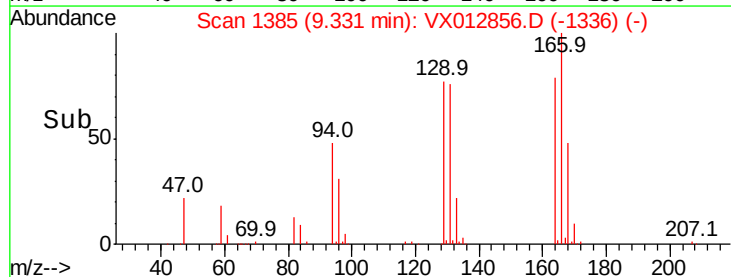
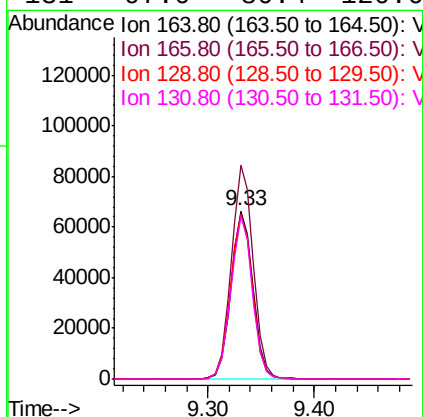
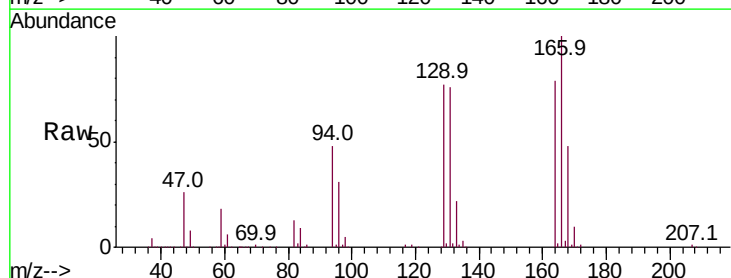
Instrument :
MSVOA_X
ClientSampled :

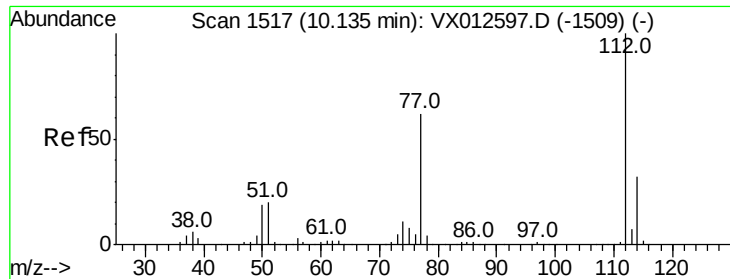
Tot Ion:117 Resp: 273229
Ion Ratio Lower Upper
117 100
82 57.6 45.9 68.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 50.323 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion:164 Resp: 95866
Ion Ratio Lower Upper
164 100
166 127.4 107.8 161.6
129 98.2 86.2 129.2
131 97.0 80.4 120.6

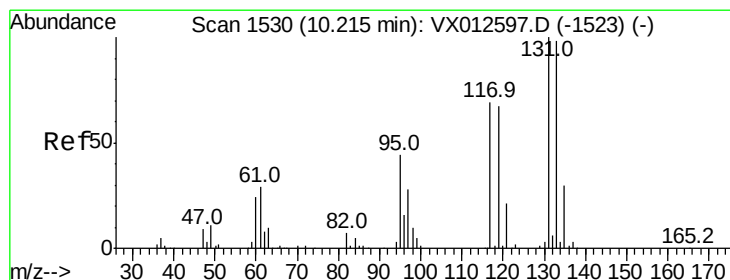
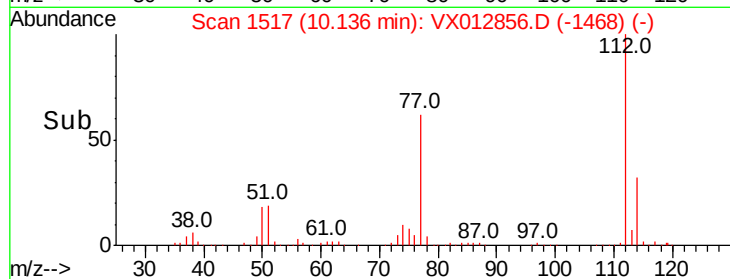
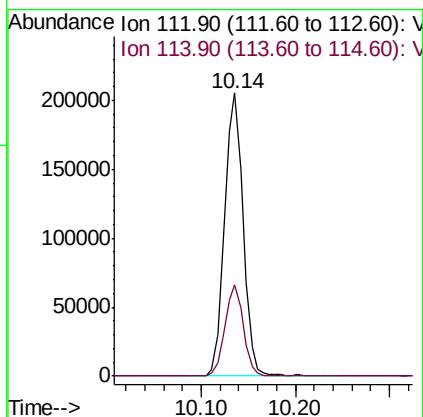
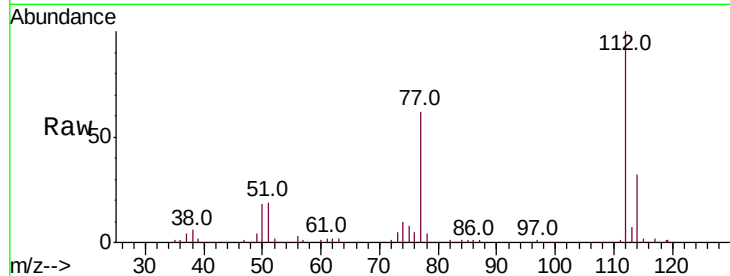




#65
Chlorobenzene
Concen: 48.705 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

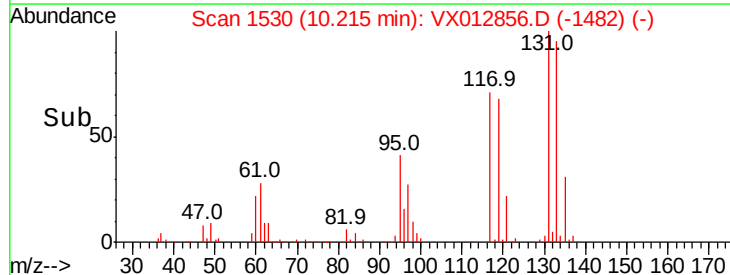
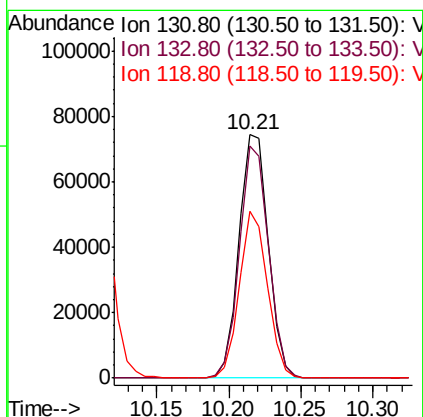
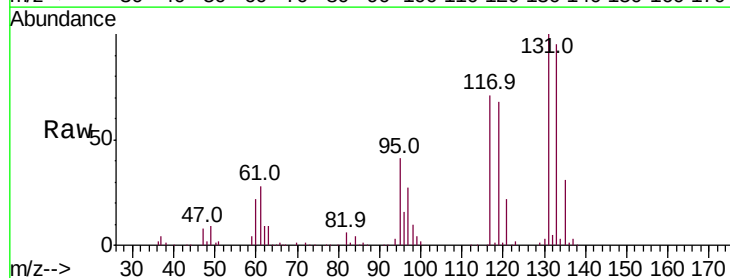
Instrument :
MSVOA_X
ClientSampled :

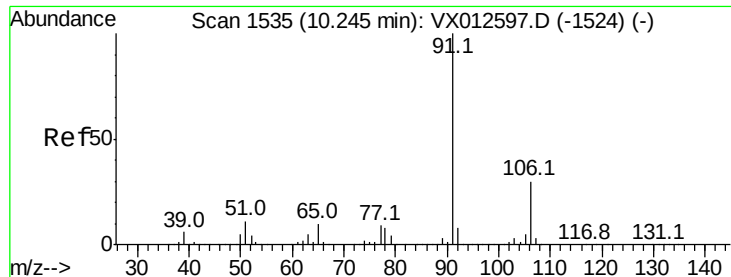
Tot Ion:112 Resp: 280231
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.438 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion:131 Resp: 105146
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 65.8 31.3 93.8

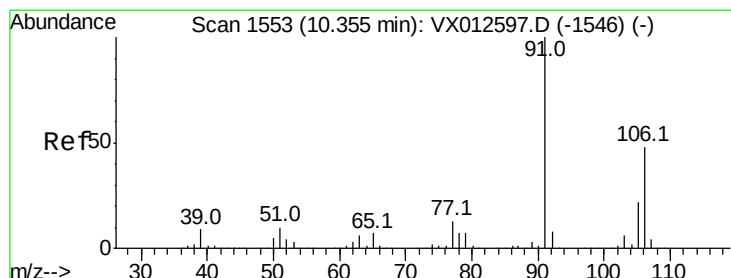
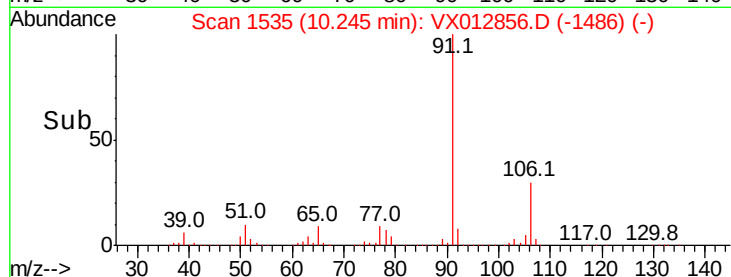
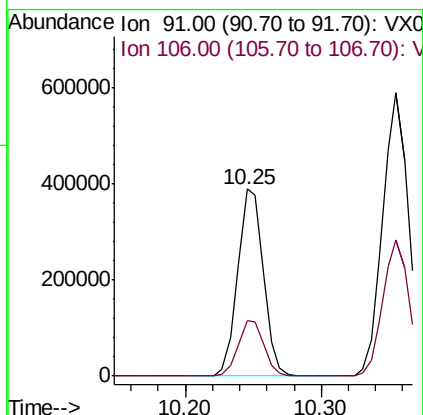
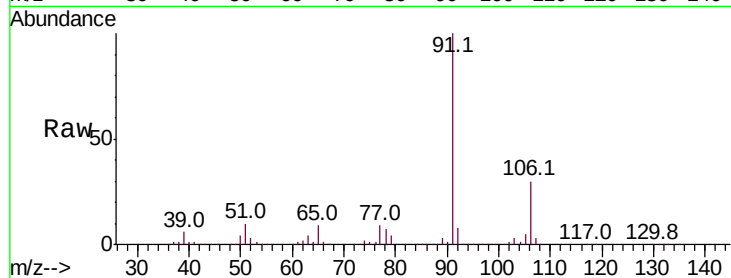




#67
Ethyl Benzene
Concen: 49.303 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

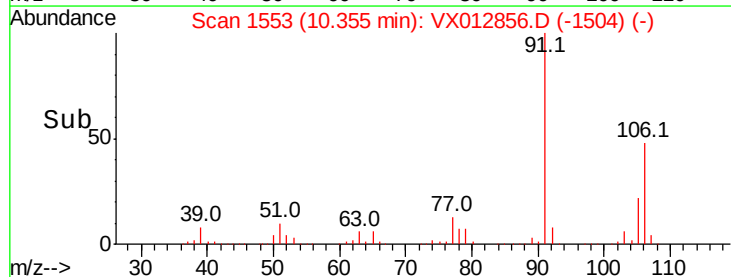
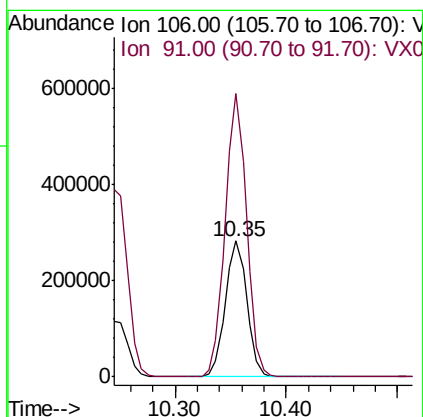
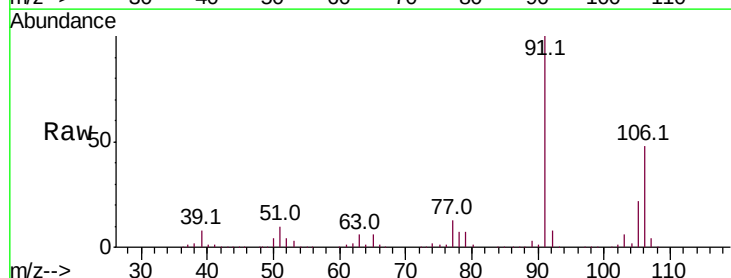
Instrument :
MSVOA_X
ClientSampleId :

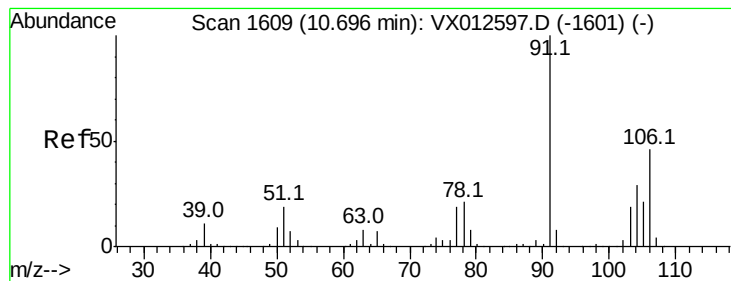
Tot Ion: 91 Resp: 514503
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0



#68
m/p-Xylenes
Concen: 97.438 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 106 Resp: 380903
Ion Ratio Lower Upper
106 100
91 206.3 166.6 250.0





#69

o-Xylene

Concen: 49.917 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

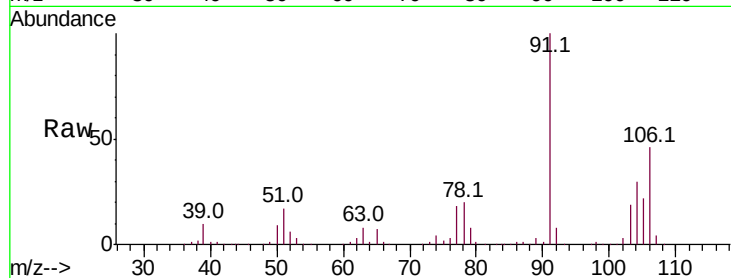
ClientSampleId :

Tot Ion:106 Resp: 188816

Ion Ratio Lower Upper

106 100

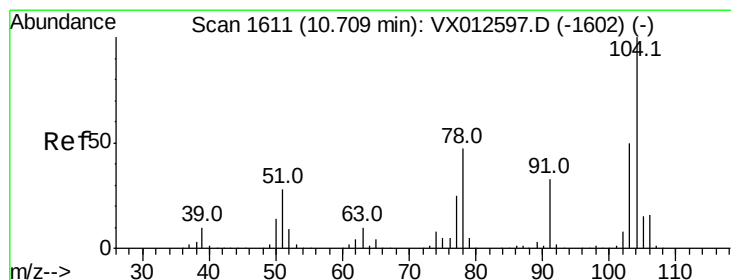
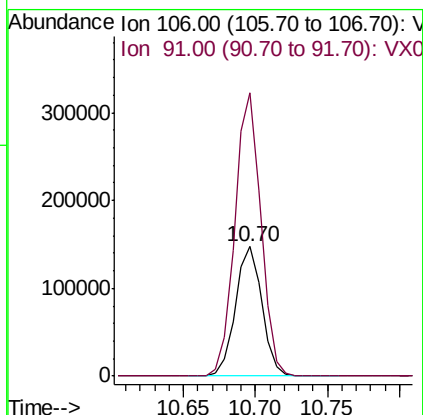
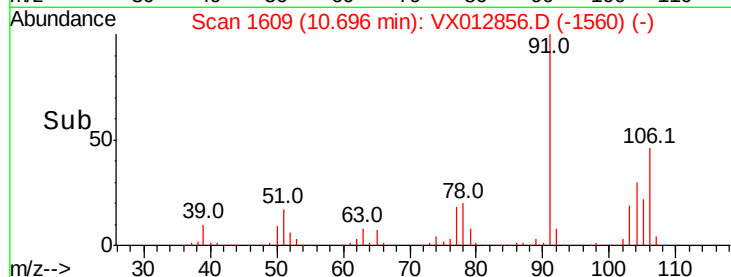
91 216.0 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

Time-->



#70

Styrene

Concen: 51.055 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

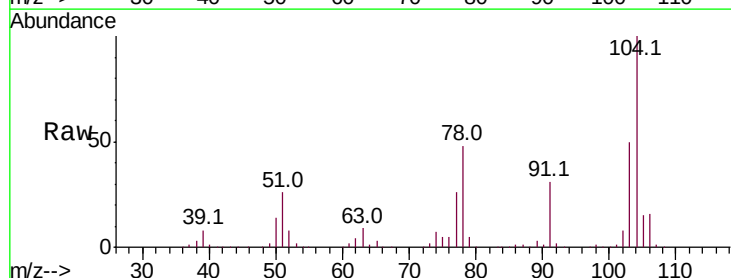
Tgt Ion:104 Resp: 323754

Ion Ratio Lower Upper

104 100

78 52.8 43.4 65.2

103 54.2 43.3 64.9

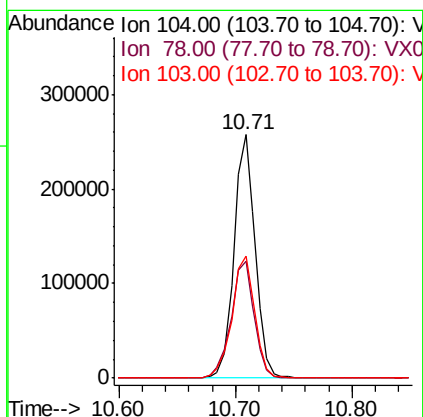
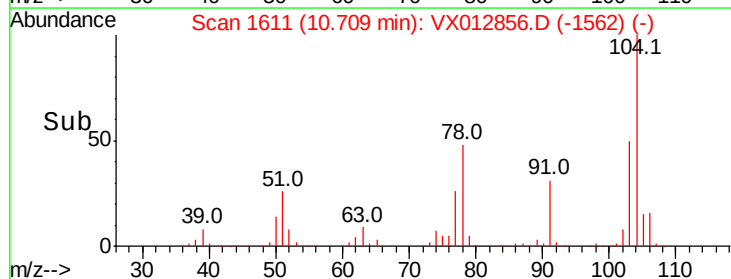


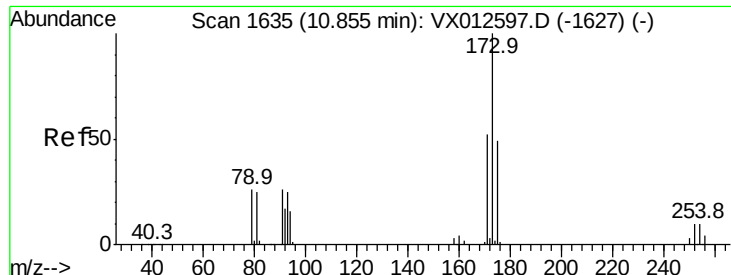
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

Time-->





#71

Bromoform

Concen: 53.888 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

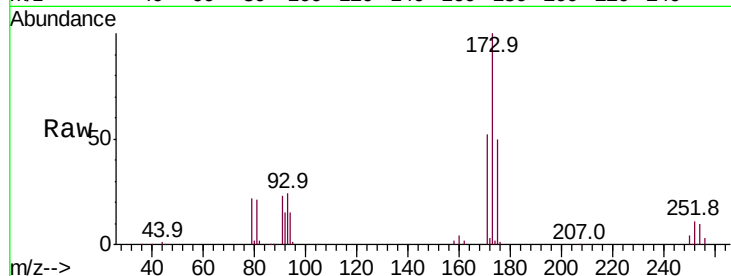
Tot Ion:173 Resp: 78223

Ion Ratio Lower Upper

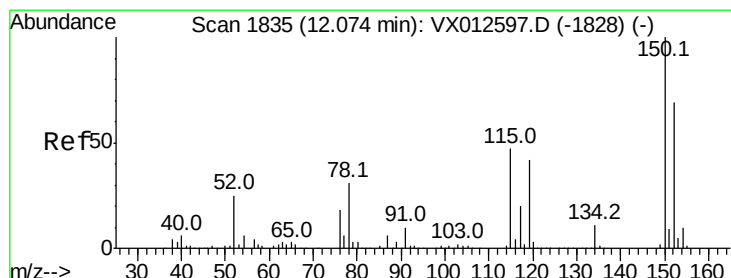
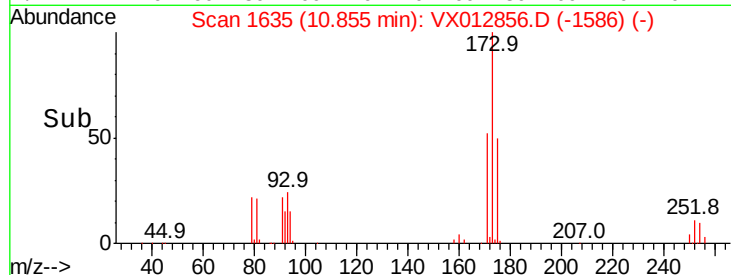
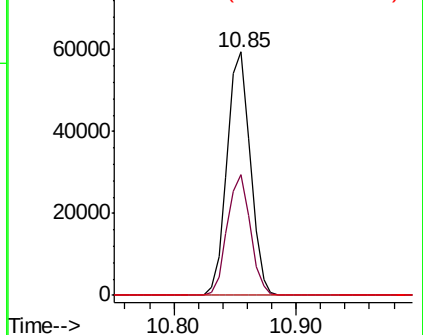
173 100

175 49.3 23.7 71.1

254 0.0 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

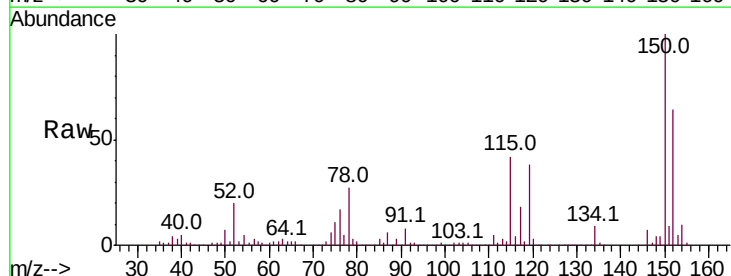
Tgt Ion:152 Resp: 129594

Ion Ratio Lower Upper

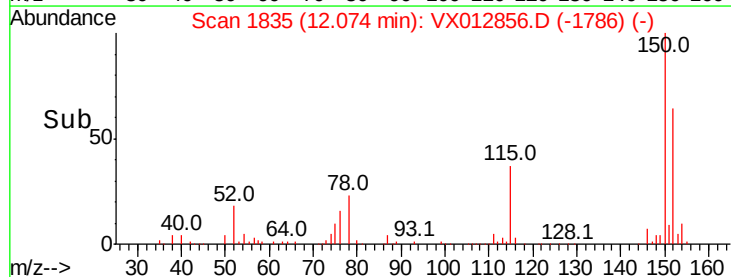
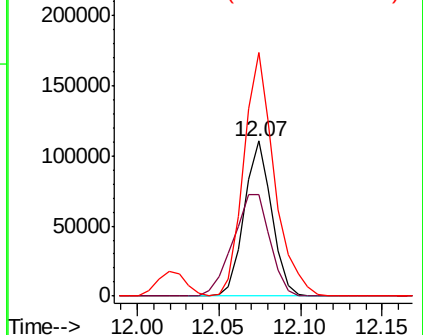
152 100

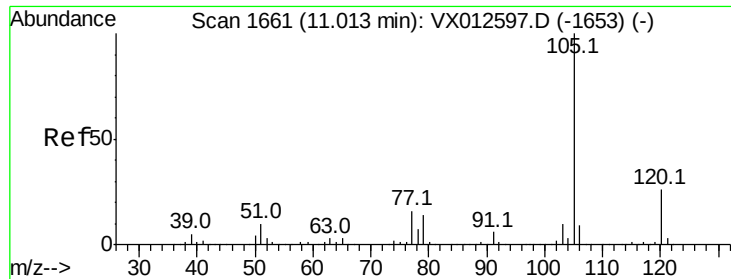
115 88.1 44.1 132.3

150 175.1 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

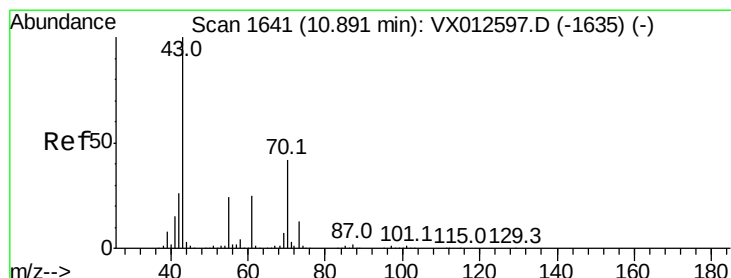
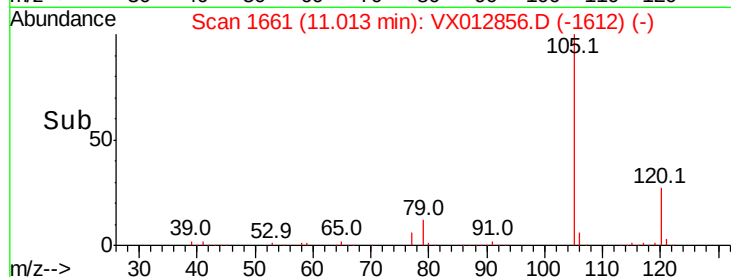
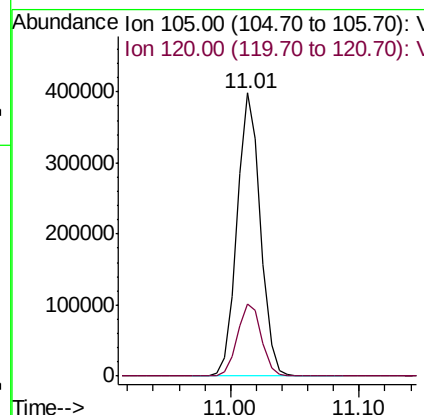
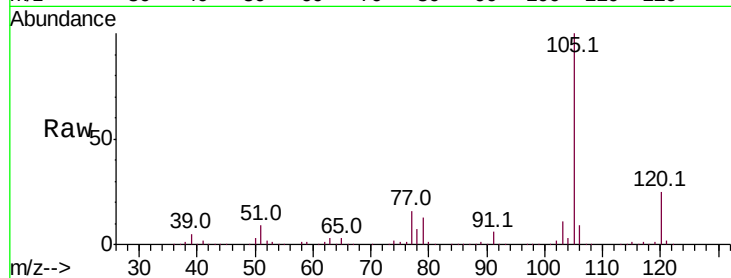




#73
Isopropylbenzene
Concen: 47.658 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

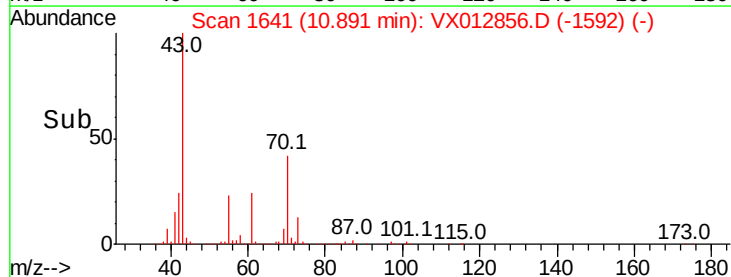
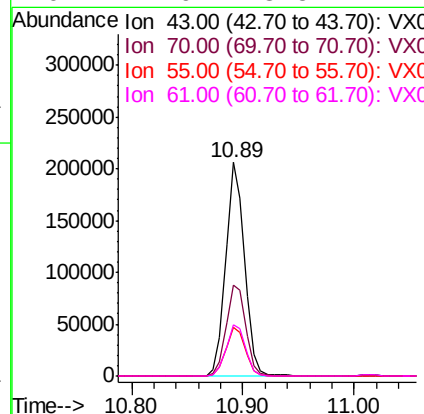
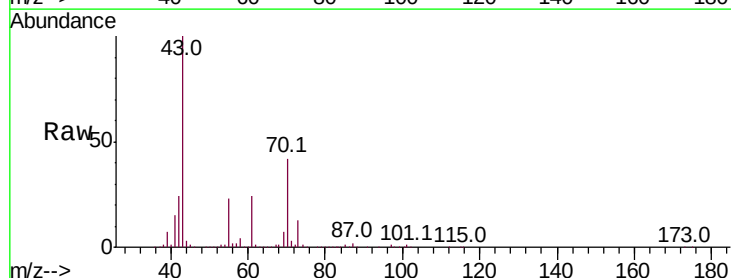
Instrument :
MSVOA_X
ClientSampleId :

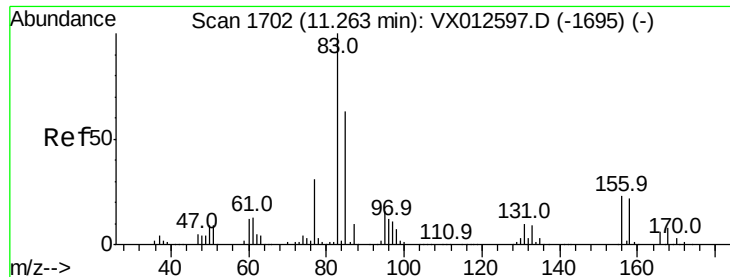
Tot Ion:105 Resp: 503033
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 47.910 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 43 Resp: 241249
Ion Ratio Lower Upper
43 100
70 44.2 32.4 48.6
55 23.7 18.2 27.4
61 24.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.464 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

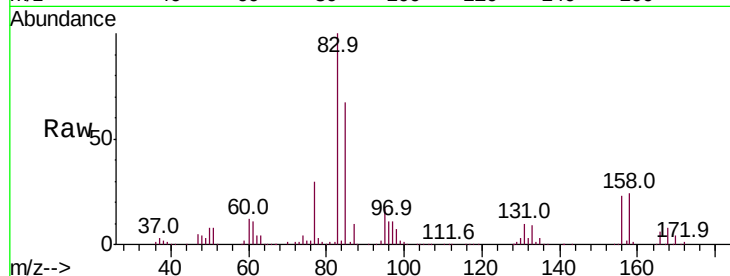
Tot Ion: 83 Resp: 172908

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

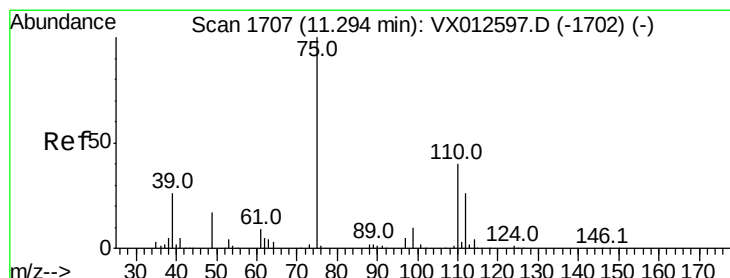
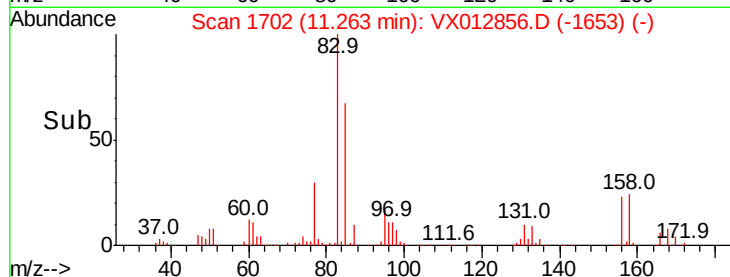
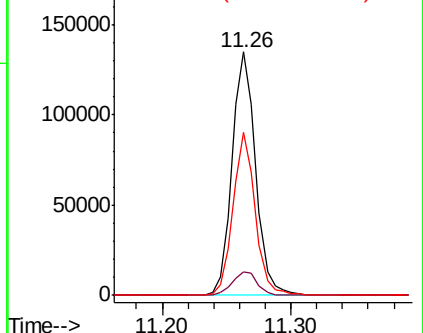
85 63.3 32.0 96.0



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: 57.502 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012856.D

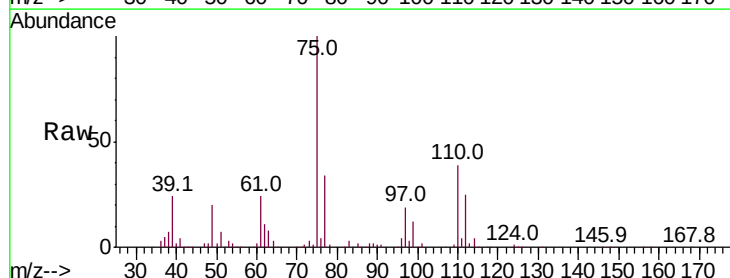
Acq: 07 Oct 2019 22:36

Tgt Ion: 75 Resp: 197122

Ion Ratio Lower Upper

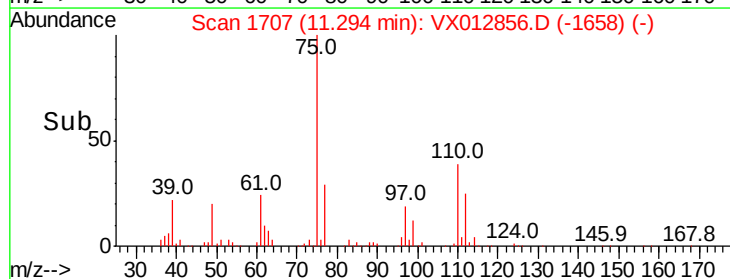
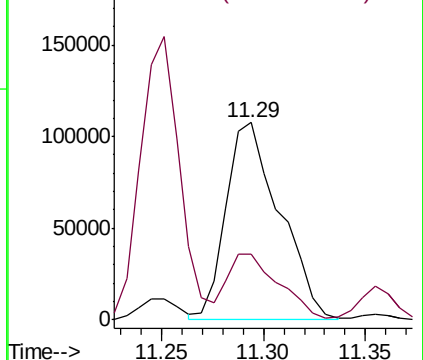
75 100

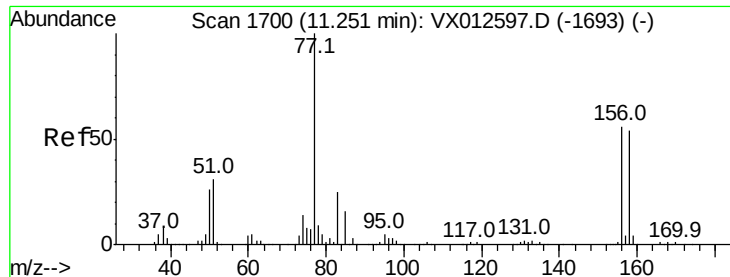
77 31.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.554 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

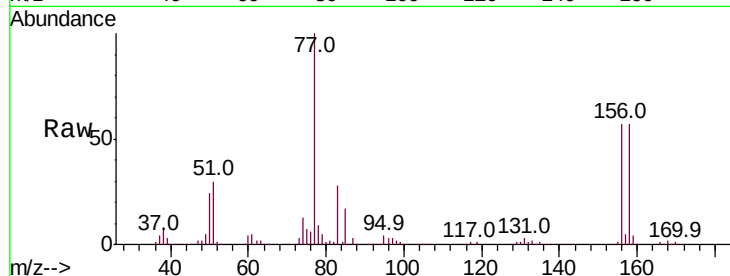
Tot Ion:156 Resp: 115990

Ion Ratio Lower Upper

156 100

77 177.4 87.3 261.8

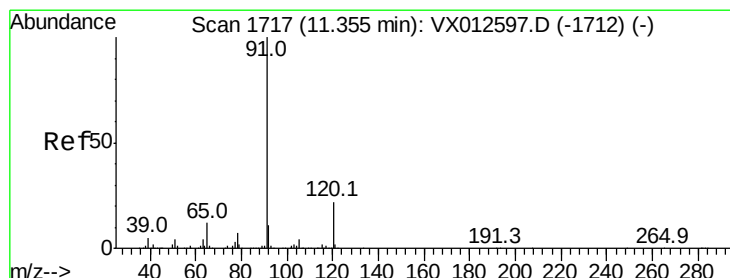
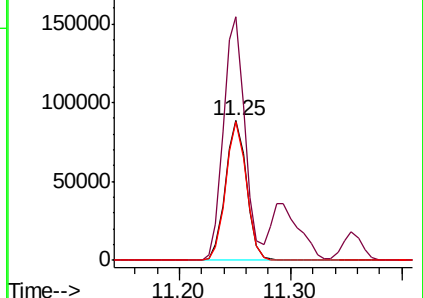
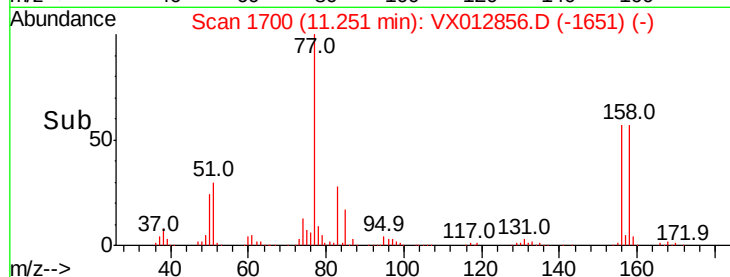
158 97.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.946 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012856.D

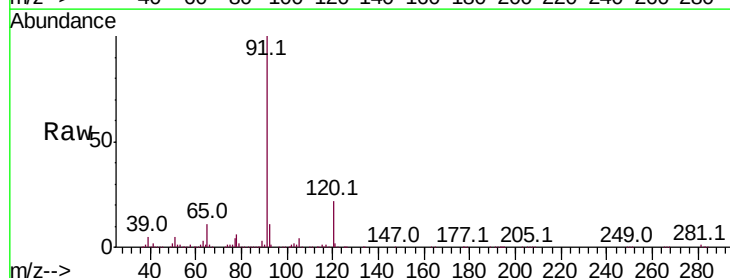
Acq: 07 Oct 2019 22:36

Tgt Ion: 91 Resp: 569743

Ion Ratio Lower Upper

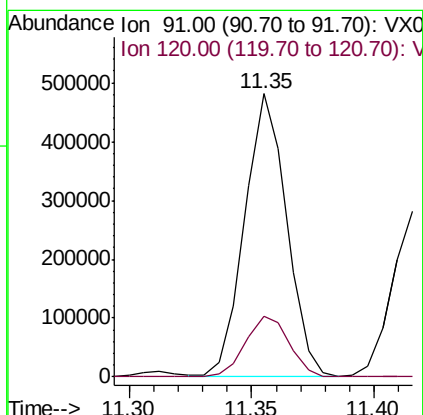
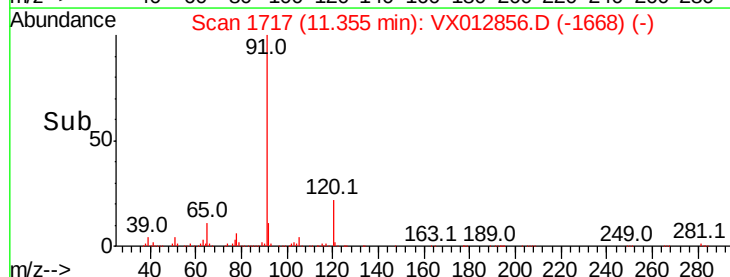
91 100

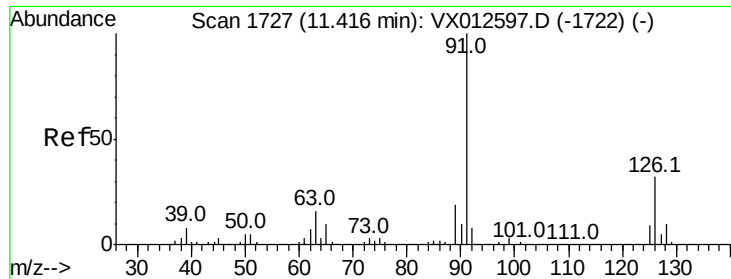
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

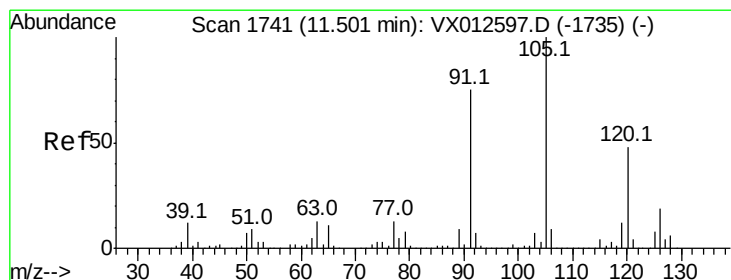
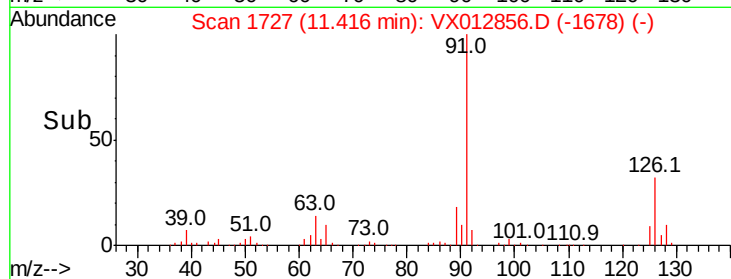
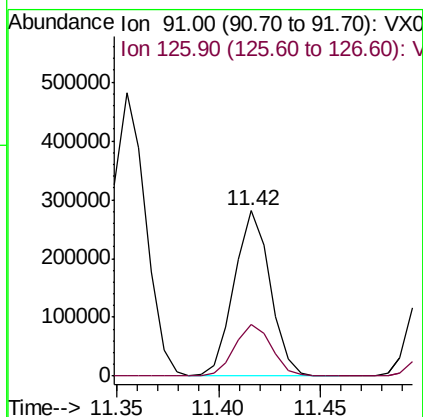
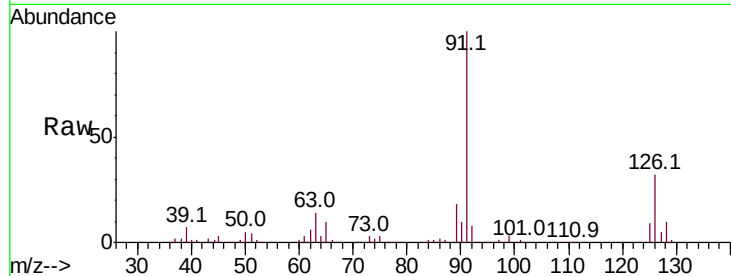




#79
2-Chlorotoluene
Concen: 46.297 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

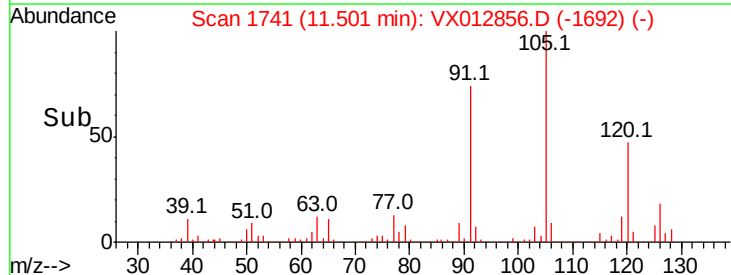
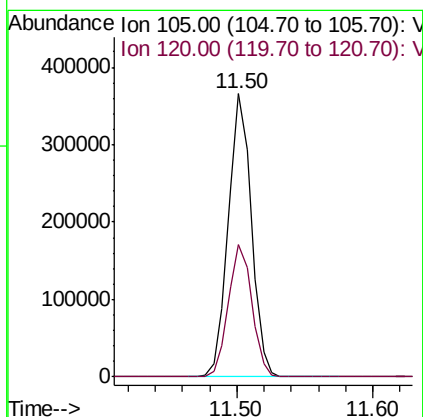
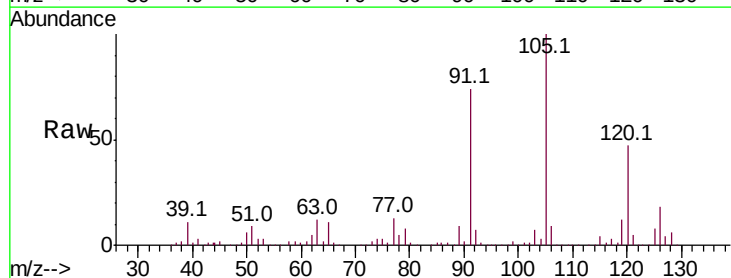
Instrument :
MSVOA_X
ClientSampleId :

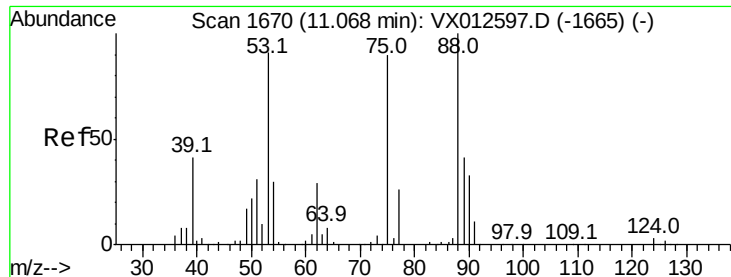
Tot Ion: 91 Resp: 343198
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 48.650 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 105 Resp: 430613
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.029 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

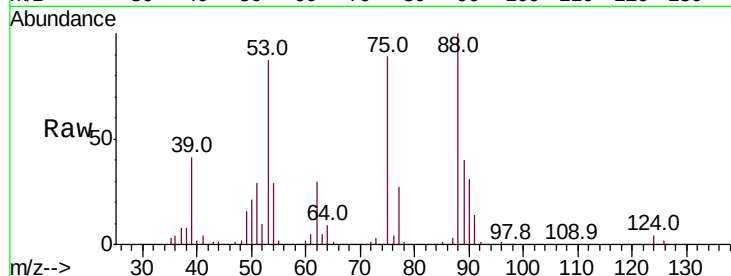
Tot Ion: 75 Resp: 52668

Ion Ratio Lower Upper

75 100

53 98.1 83.6 125.4

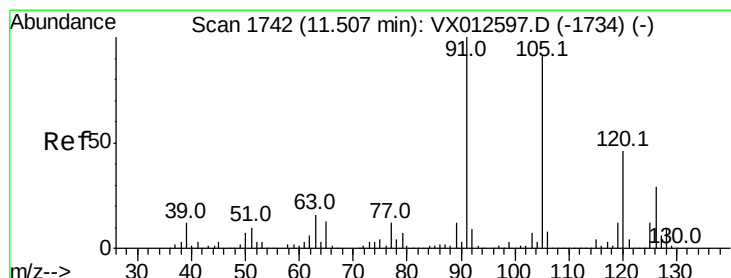
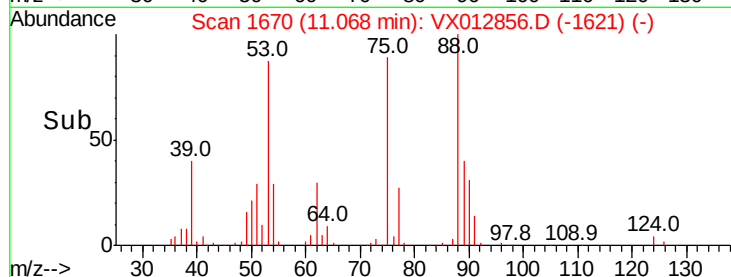
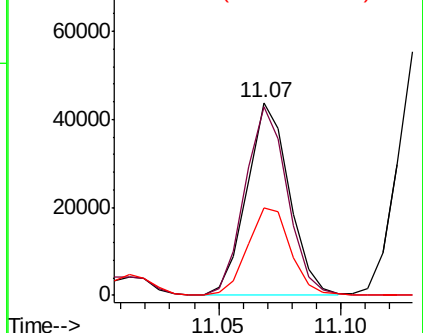
89 46.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.138 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012856.D

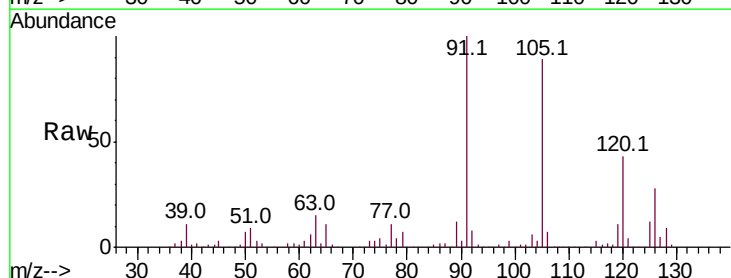
Acq: 07 Oct 2019 22:36

Tgt Ion: 91 Resp: 398334

Ion Ratio Lower Upper

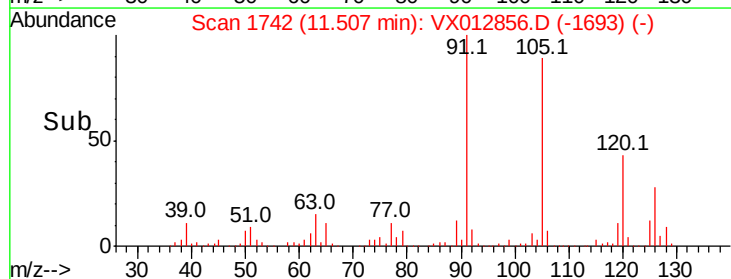
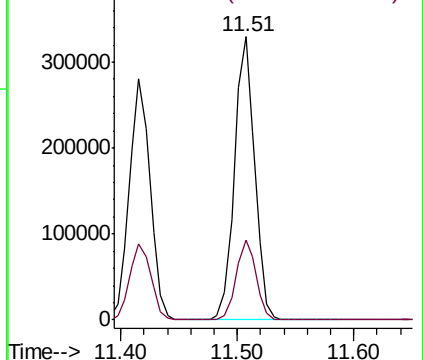
91 100

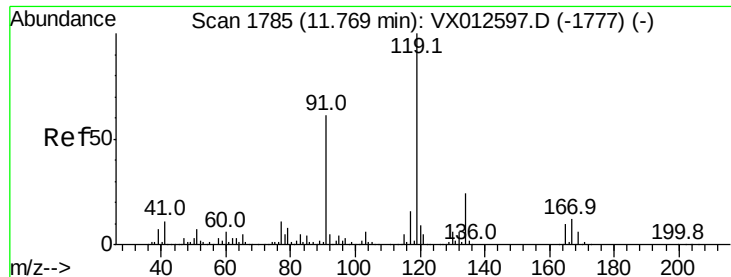
126 28.1 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

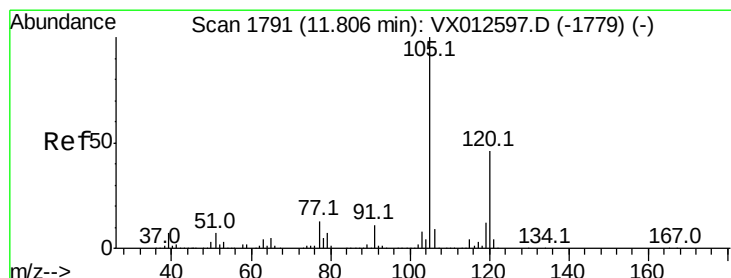
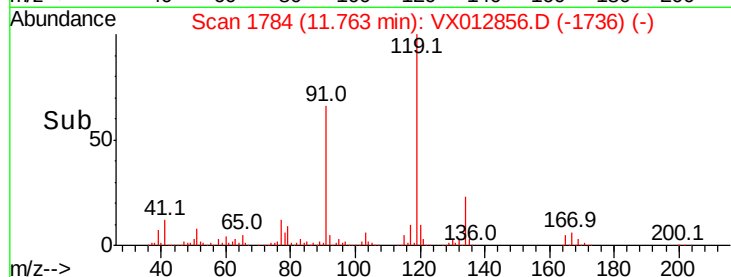
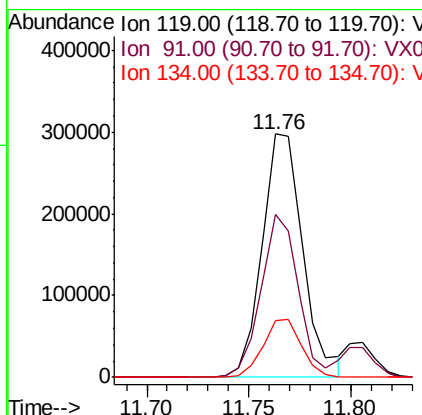
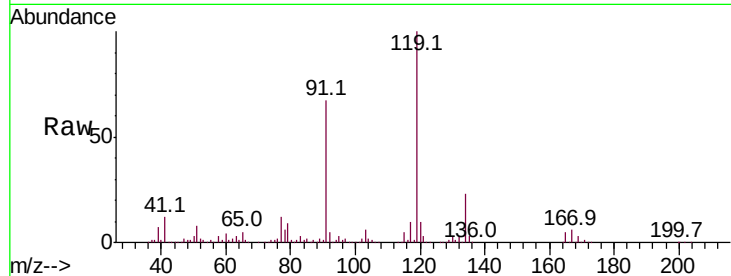




#83
 tert-Butylbenzene
 Concen: 48.653 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

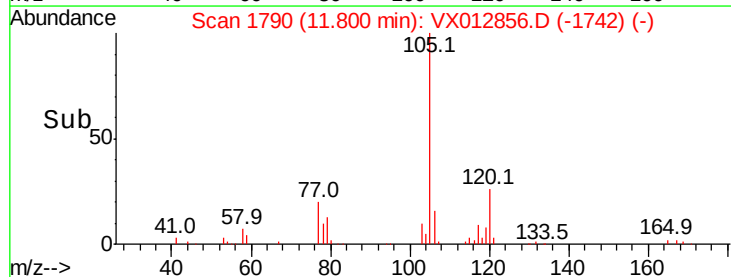
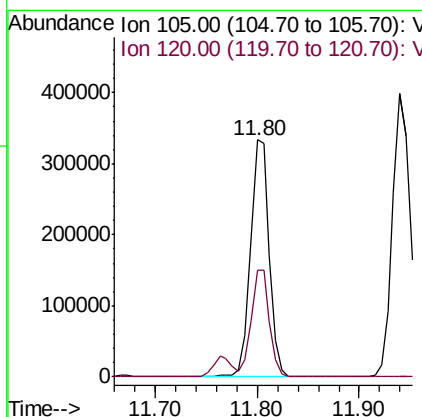
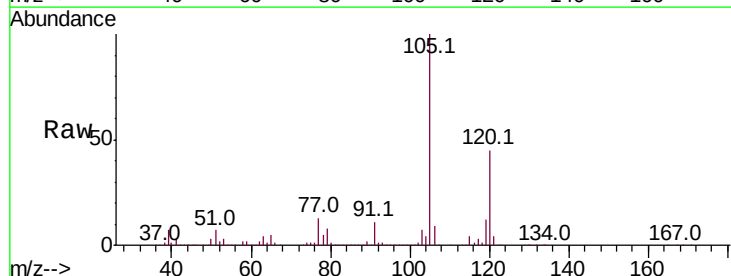
Instrument :
 MSVOA_X
 ClientSampleId :

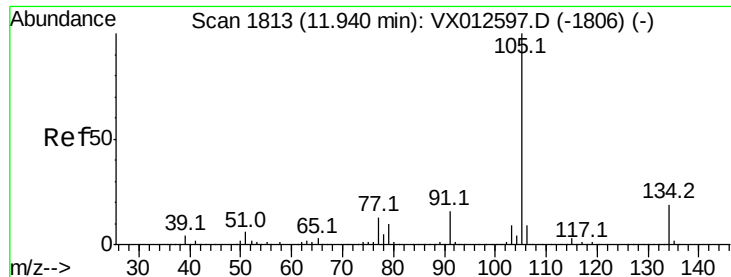
Tot Ion:119 Resp: 415406
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.0 90.0
 134 22.5 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.119 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion:105 Resp: 429655
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.956 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

Instrument :

MSVOA_X

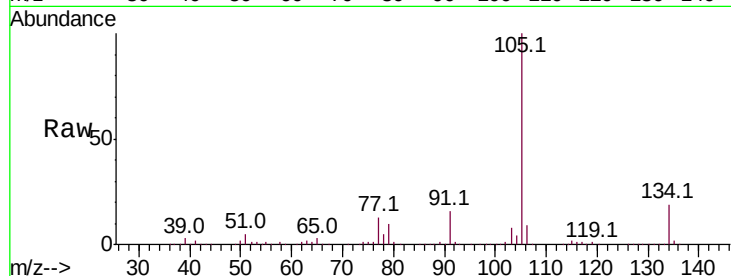
ClientSampled :

Tot Ion:105 Resp: 486173

Ion Ratio Lower Upper

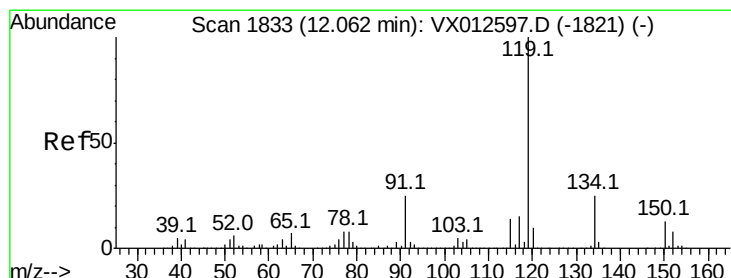
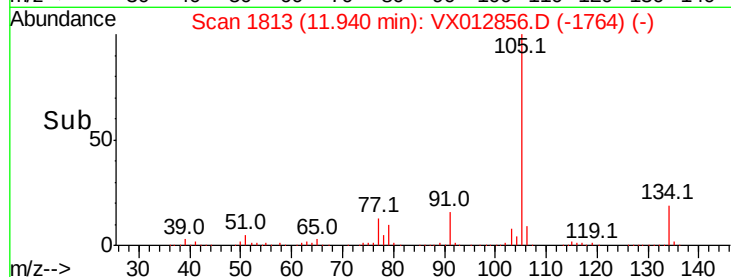
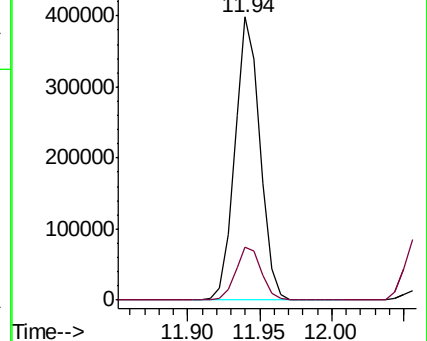
105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.386 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012856.D

Acq: 07 Oct 2019 22:36

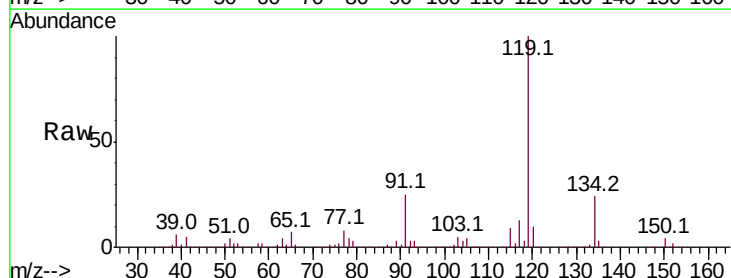
Tgt Ion:119 Resp: 442536

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

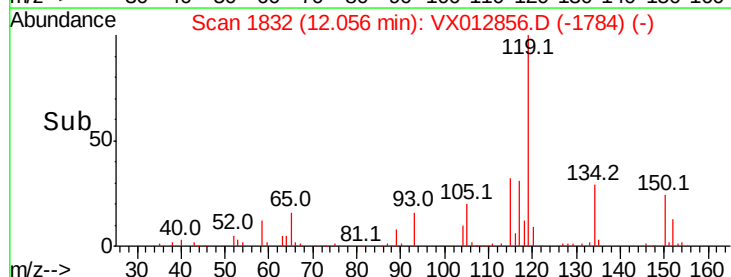
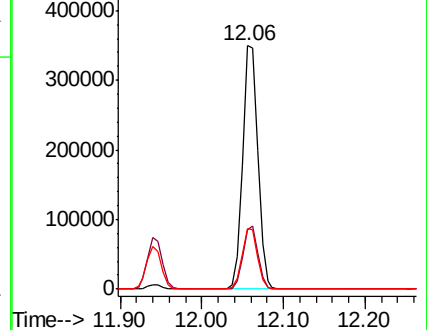
91 24.8 12.8 38.4

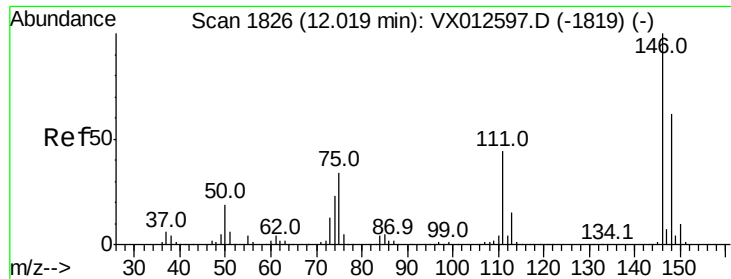


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

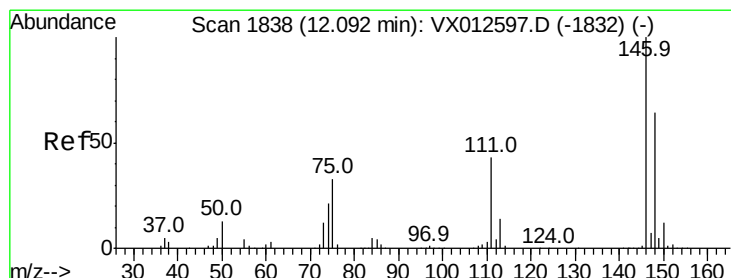
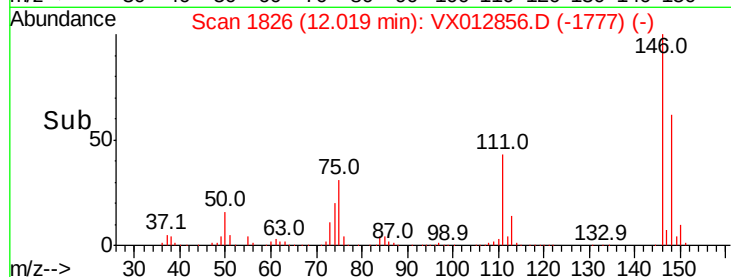
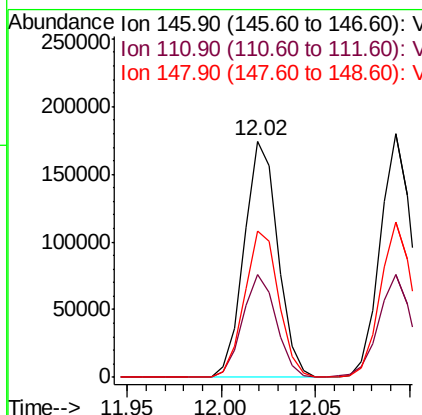
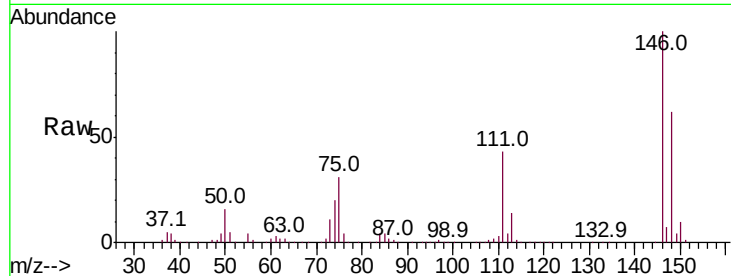




#87
 1,3-Dichlorobenzene
 Concen: 50.285 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

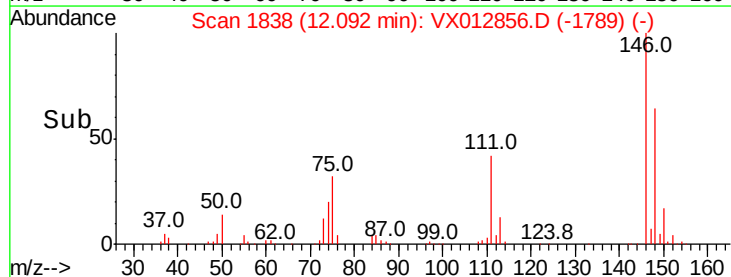
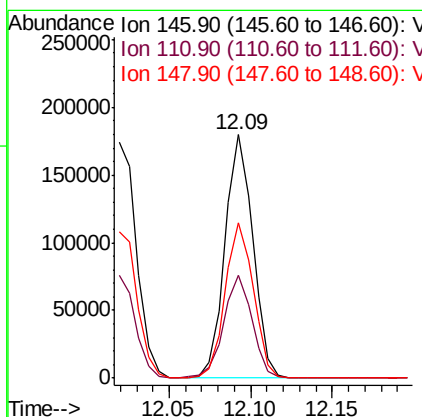
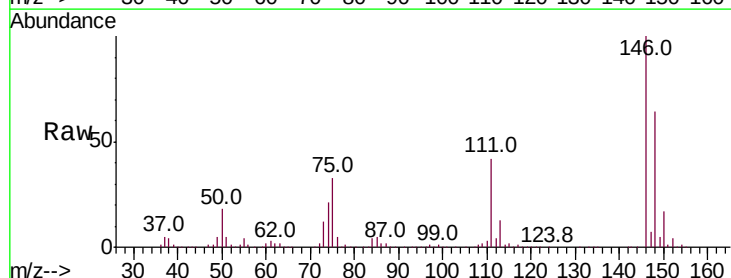
Instrument :
 MSVOA_X
 ClientSampled :

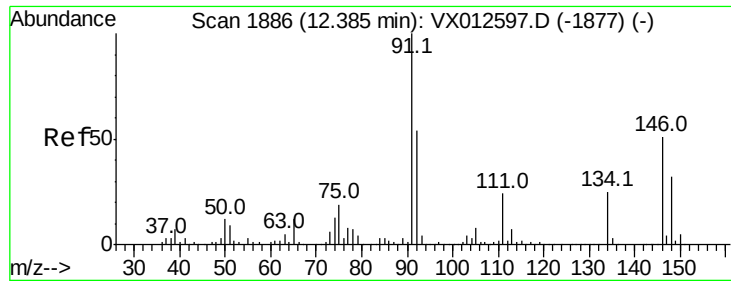
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	64.0
148	62.9	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 49.207 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.3
148	64.7	32.1	96.5

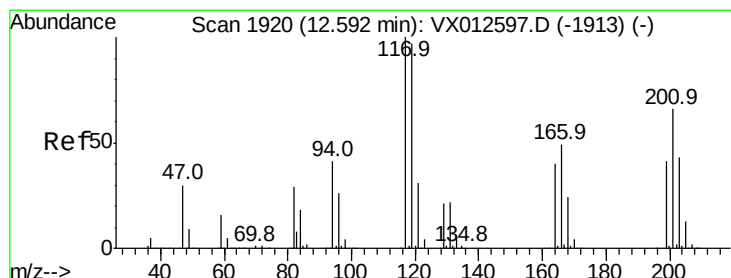
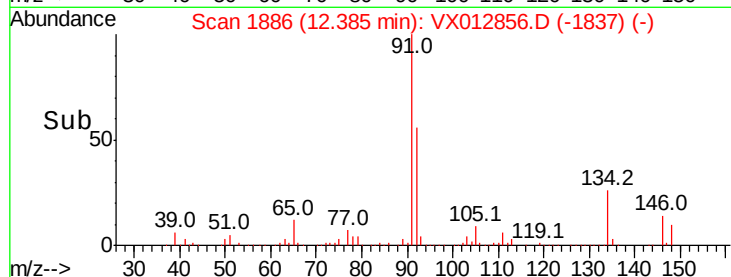
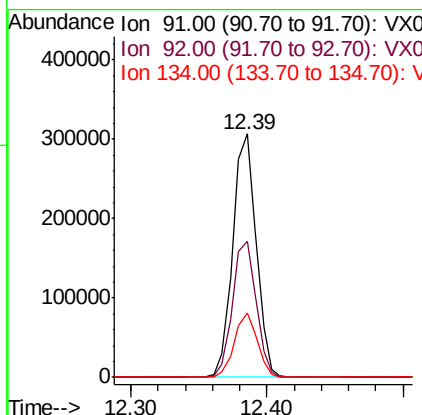
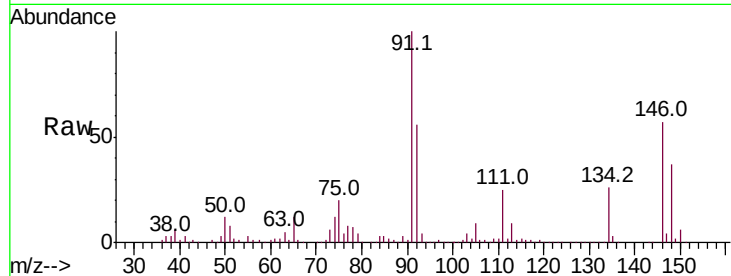




#89
n-Butylbenzene
Concen: 46.534 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

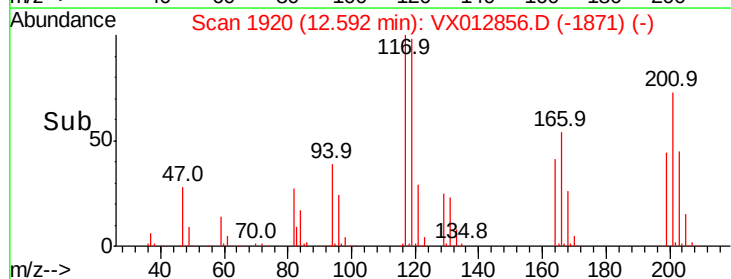
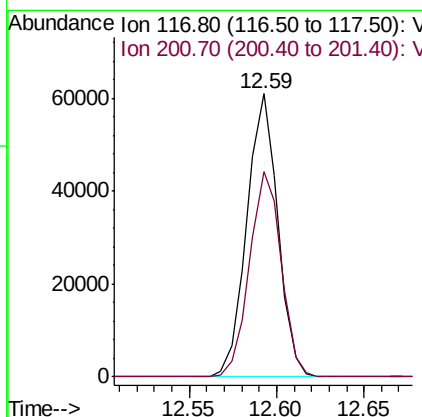
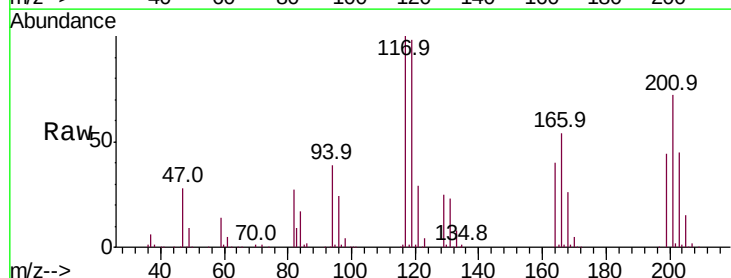
Instrument :
MSVOA_X
ClientSampled :

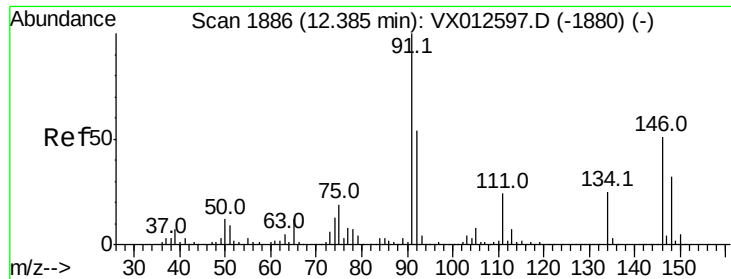
Tot Ion: 91 Resp: 367438
Ion Ratio Lower Upper
91 100
92 56.8 27.7 83.0
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 46.942 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion: 117 Resp: 74992
Ion Ratio Lower Upper
117 100
201 74.2 33.3 99.8

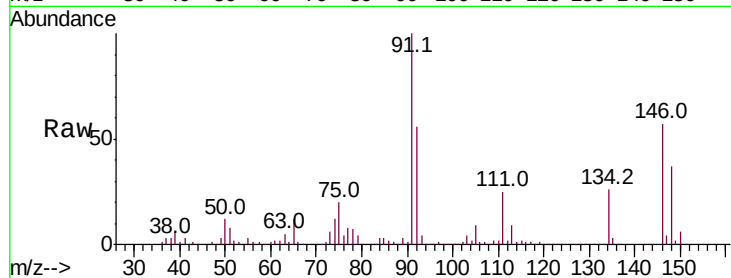




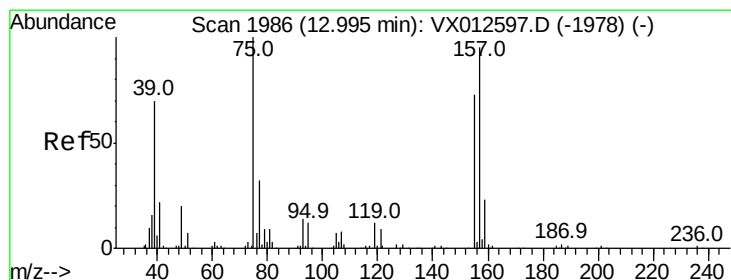
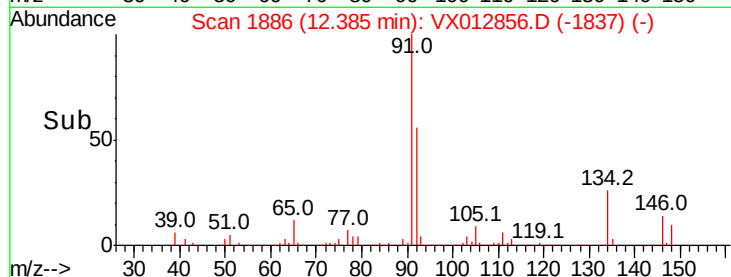
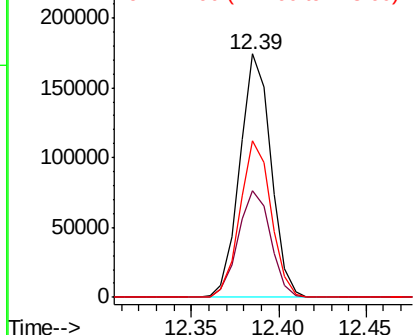
#91
 1,2-Dichlorobenzene
 Concen: 50.158 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.1	66.1
148	64.2	31.3	93.9

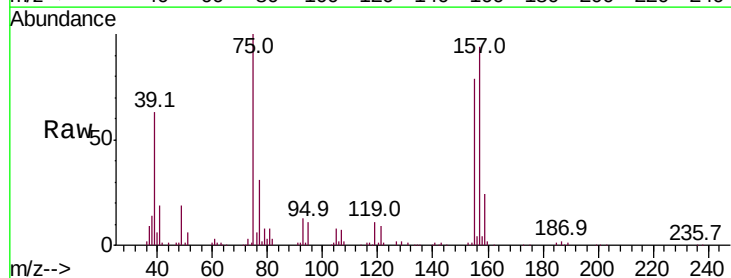


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

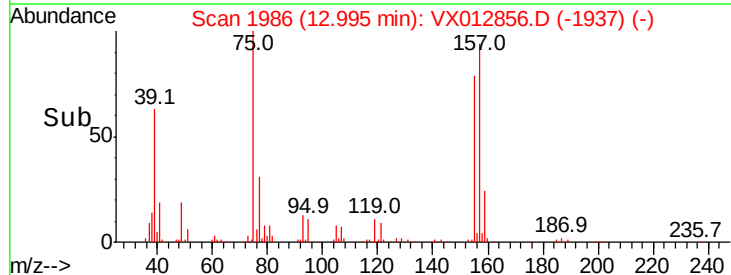
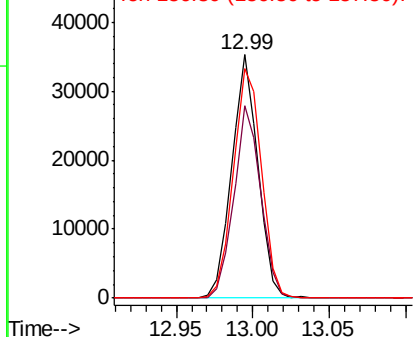


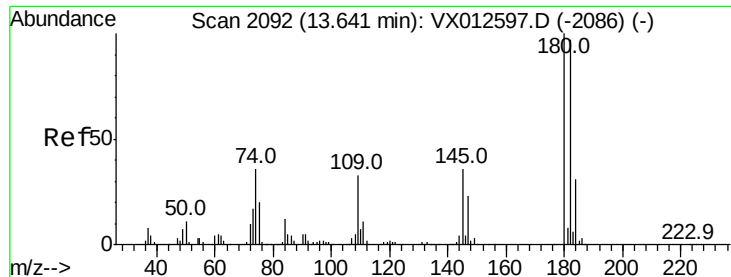
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.657 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	38.6	115.8
157	101.5	50.6	151.9



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

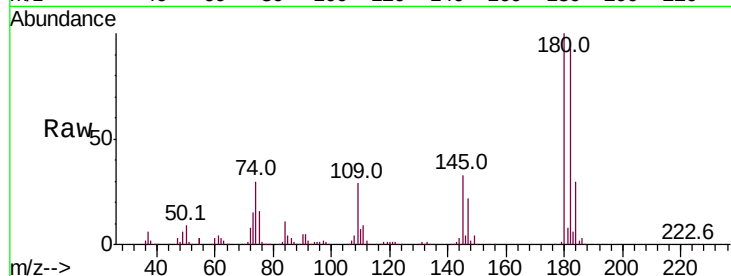




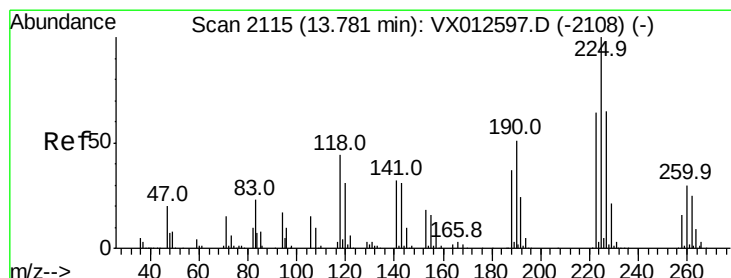
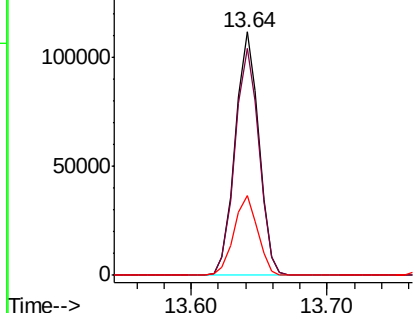
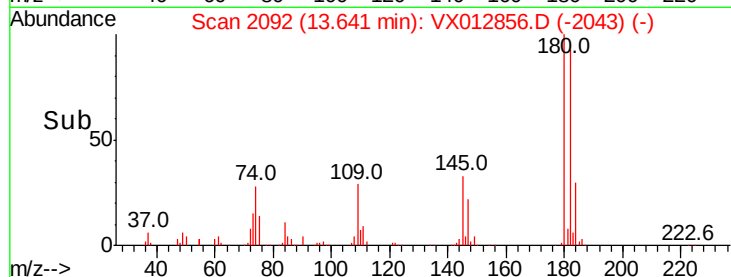
#93
 1,2,4-Trichlorobenzene
 Concen: 51.448 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.0
145	32.9	16.8	50.4

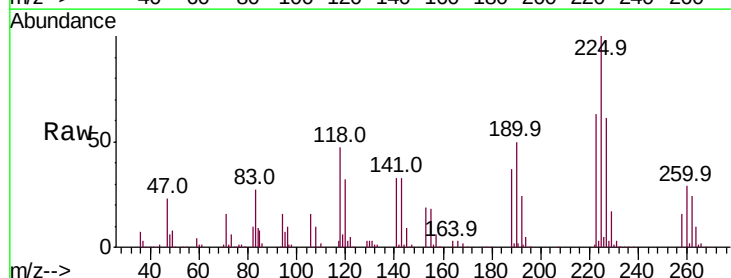


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

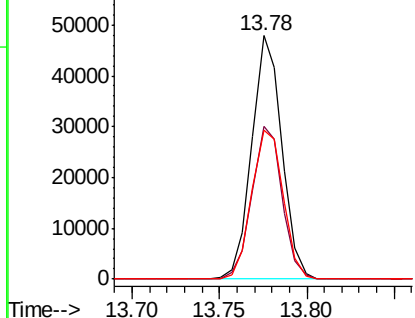
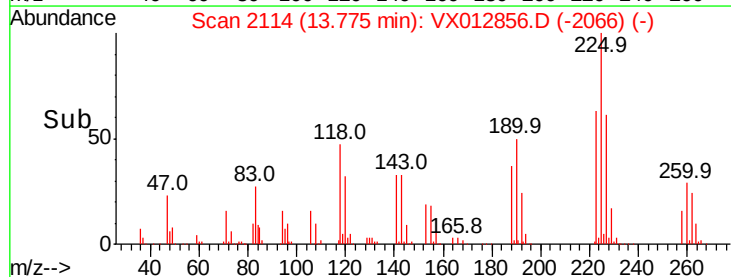


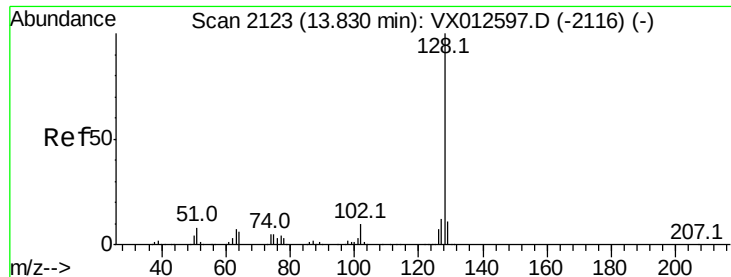
#94
 Hexachlorobutadiene
 Concen: 50.902 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012856.D
 Acq: 07 Oct 2019 22:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.0	96.2
227	64.2	31.9	95.5



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

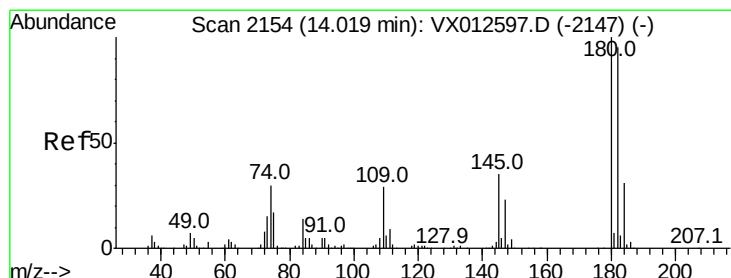
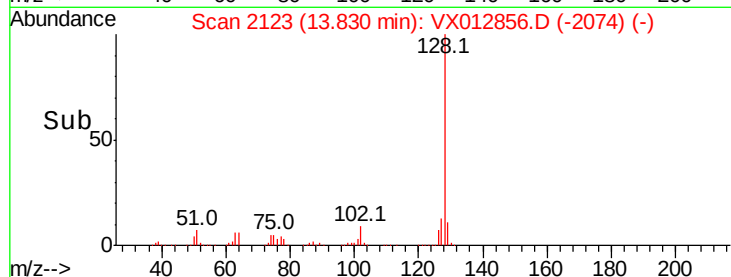
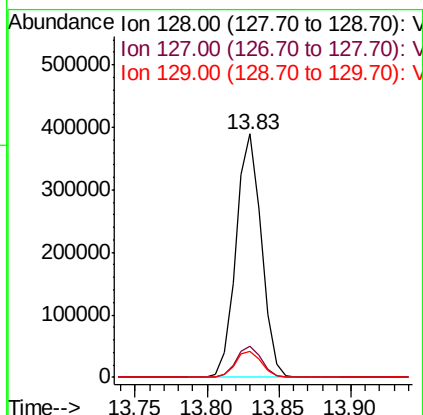
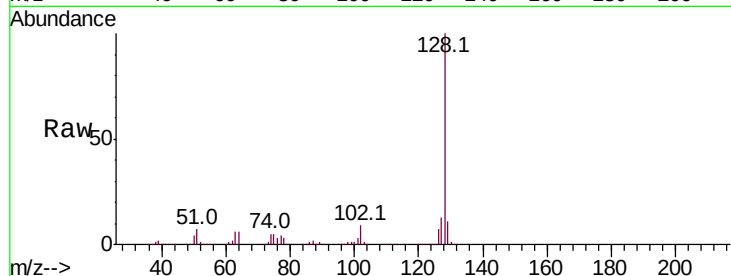




#95
Naphthalene
Concen: 50.390 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 478533
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.035 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012856.D
Acq: 07 Oct 2019 22:36

Tgt Ion:180 Resp: 134187
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 36.2 18.0 54.0

