

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012598.D
 Acq On : 23 Sep 2019 11:42
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 12:13:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	349195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	283873	100.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.28%	
35) Dibromofluoromethane	5.48	113	214777	101.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.56%	
50) Toluene-d8	8.71	98	806951	102.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.48%	
62) 4-Bromofluorobenzene	11.14	95	330882	102.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	212813	163.802	ug/l	99
3) Chloromethane	1.32	50	237887	185.343	ug/l	98
4) Vinyl Chloride	1.40	62	254246	187.574	ug/l	97
5) Bromomethane	1.62	94	93481	172.100	ug/l	100
6) Chloroethane	1.70	64	150614	144.446	ug/l	99
7) Trichlorofluoromethane	1.91	101	345319	150.089	ug/l	100
8) Diethyl Ether	2.18	74	141311	138.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209892	129.671	ug/l	100
10) Methyl Iodide	2.50	142	240604	180.472	ug/l	99
11) Tert butyl alcohol	3.05	59	369626	495.152	ug/l	99
12) 1,1-Dichloroethene	2.36	96	214956	157.859	ug/l	96
13) Acrolein	2.28	56	208483	691.609	ug/l	99
14) Allyl chloride	2.72	41	432283	142.516	ug/l	98
15) Acrylonitrile	3.14	53	739634	596.676	ug/l	99
16) Acetone	2.44	43	739132	513.271	ug/l	100
17) Carbon Disulfide	2.56	76	604304	278.163	ug/l	99
18) Methyl Acetate	2.76	43	348786	117.131	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	800100	116.875	ug/l	100
20) Methylene Chloride	2.84	84	247506	136.681	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	234606	164.590	ug/l	97
22) Diisopropyl ether	3.85	45	800373	116.853	ug/l	90
23) Vinyl Acetate	3.81	43	3648686	640.802	ug/l	99
24) 1,1-Dichloroethane	3.69	63	439714	131.074	ug/l	99
25) 2-Butanone	4.66	43	1093303	555.501	ug/l	97
26) 2,2-Dichloropropane	4.57	77	388432	119.910	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	269449	133.755	ug/l	100
28) Bromochloromethane	5.01	49	150158	91.172	ug/l	99
29) Tetrahydrofuran	5.12	42	681678	619.344	ug/l	100
30) Chloroform	5.20	83	440467	116.858	ug/l	98
31) Cyclohexane	5.57	56	393059	171.927	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	399160	125.326	ug/l	100
36) 1,1-Dichloropropene	5.79	75	334516	147.377	ug/l	99
37) Ethyl Acetate	4.83	43	401736	121.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	347093	127.389	ug/l	98

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 ClientSampleId :

Quant Time: Sep 23 12:13:39 2019
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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	398643	172.430	ug/l	98
40) Benzene	6.14	78	978590	137.099	ug/l	99
41) Methacrylonitrile	5.03	41	223912	107.083	ug/l	100
42) 1,2-Dichloroethane	6.18	62	371954	116.540	ug/l	100
43) Isopropyl Acetate	6.43	43	663506	113.281	ug/l	100
44) Trichloroethene	7.21	130	250354	134.928	ug/l	99
45) 1,2-Dichloropropane	7.51	63	254089	119.875	ug/l	98
46) Dibromomethane	7.65	93	172364	124.798	ug/l	99
47) Bromodichloromethane	7.89	83	358007	118.740	ug/l	99
48) Methyl methacrylate	7.76	41	325320	117.106	ug/l	97
49) 1,4-Dioxane	7.73	88	151962	2254.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2097690	551.004	ug/l	100
52) Toluene	8.78	92	621792	136.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	413910	130.745	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	437597	132.251	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	249438	110.791	ug/l	98
56) Ethyl methacrylate	9.17	69	441181	123.906	ug/l	100
57) 1,3-Dichloropropane	9.37	76	429238	118.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	995269	546.370	ug/l	100
59) 2-Hexanone	9.49	43	1659486	558.090	ug/l	99
60) Dibromochloromethane	9.58	129	272351	119.498	ug/l	99
61) 1,2-Dibromoethane	9.67	107	264745	126.562	ug/l	99
64) Tetrachloroethene	9.33	164	211527	136.369	ug/l	99
65) Chlorobenzene	10.14	112	658636	121.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246723	113.010	ug/l	99
67) Ethyl Benzene	10.25	91	1212269	129.395	ug/l	97
68) m/p-Xylenes	10.35	106	902135	262.970	ug/l	100
69) o-Xylene	10.70	106	438921	126.132	ug/l	99
70) Styrene	10.71	104	785669	128.488	ug/l	99
71) Bromoform	10.85	173	195514	121.408	ug/l #	98
73) Isopropylbenzene	11.01	105	1178959	120.950	ug/l	100
74) N-amyl acetate	10.89	43	609467	118.479	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	402542	108.254	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	504033	144.363	ug/l	87
77) Bromobenzene	11.25	156	273388	116.542	ug/l	99
78) n-propylbenzene	11.35	91	1371151	126.186	ug/l	98
79) 2-Chlorotoluene	11.42	91	833016	118.321	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1017700	122.839	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	153313	128.999	ug/l	97
82) 4-Chlorotoluene	11.51	91	978532	121.232	ug/l	100
83) tert-Butylbenzene	11.77	119	978599	112.272	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1050728	123.738	ug/l	97
85) sec-Butylbenzene	11.94	105	1148263	118.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	1066589	119.980	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	504793	115.018	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	507235	112.761	ug/l	99
89) n-Butylbenzene	12.39	91	946723	119.633	ug/l	98
90) Hexachloroethane	12.59	117	198326	122.987	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	491719	108.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	101984	106.211	ug/l	98

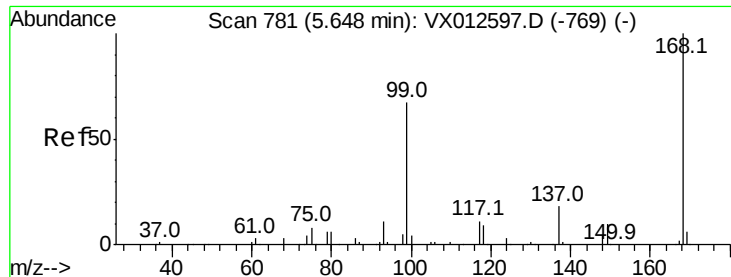
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QLast Update : Mon Sep 23 11:56:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310627	107.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	130212	96.442	ug/l	99
95) Naphthalene	13.83	128	1153270	111.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	306672	104.135	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

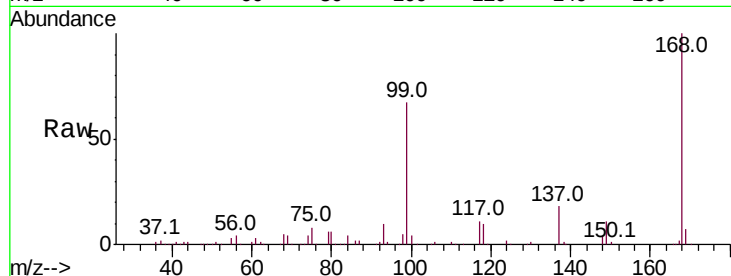
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 195535

Ion Ratio Lower Upper

168 100

99 67.1 53.3 79.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

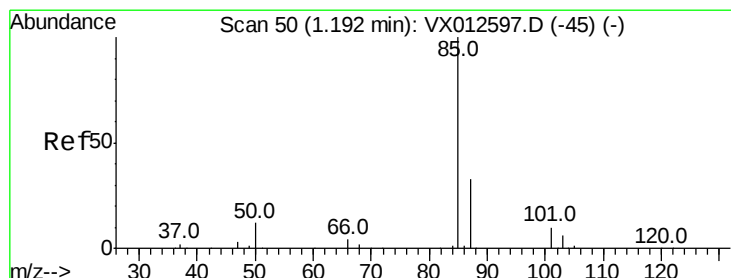
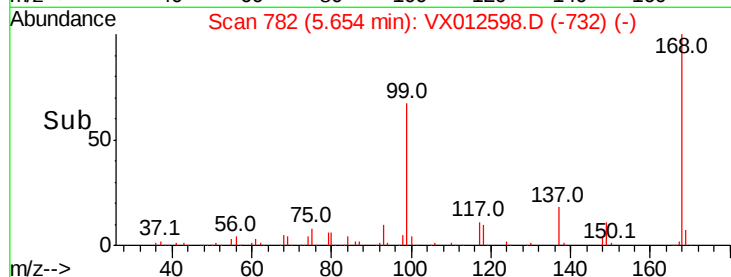
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 163.802 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012598.D

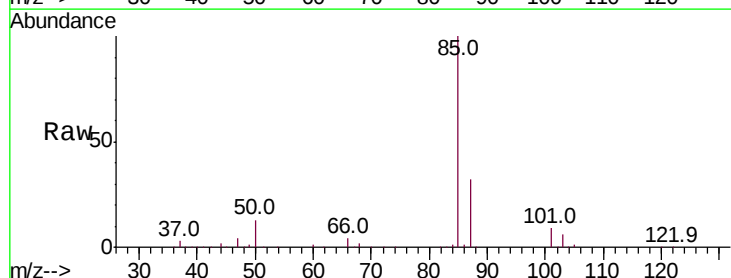
Acq: 23 Sep 2019 11:42

Tgt Ion: 85 Resp: 212813

Ion Ratio Lower Upper

85 100

87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

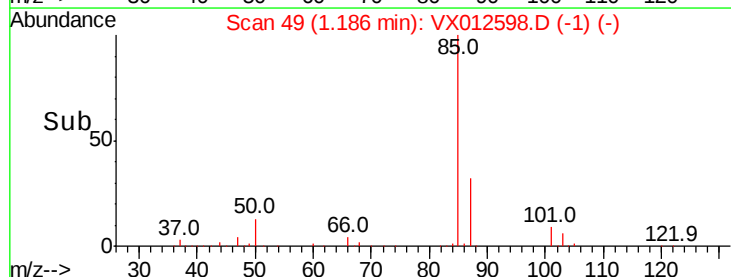
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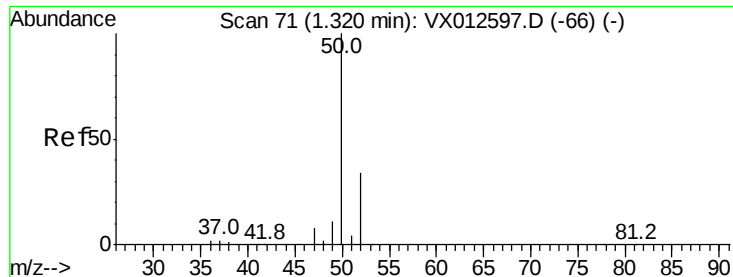
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 185.343 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

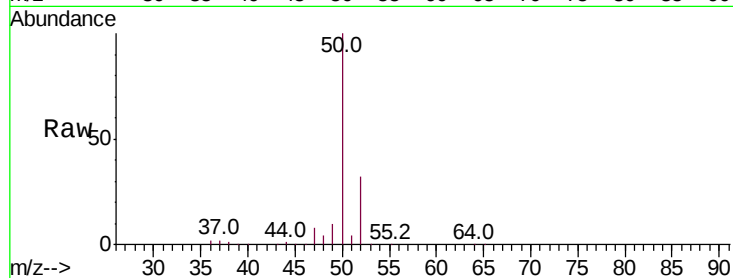
ClientSampleId :

Tot Ion: 50 Resp: 237887

Ion Ratio Lower Upper

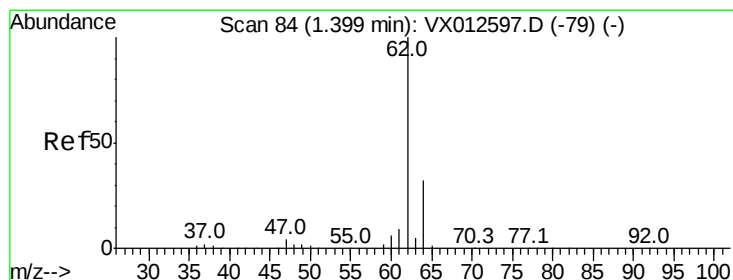
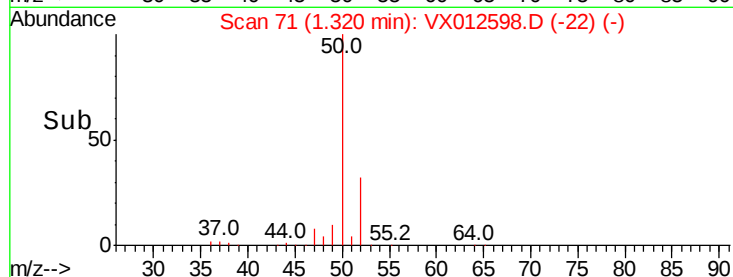
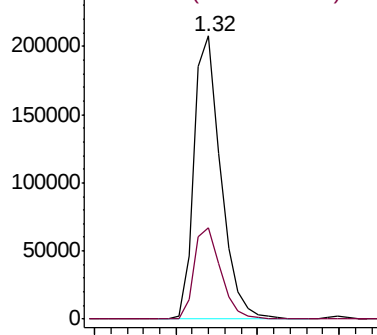
50 100

52 32.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 187.574 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012598.D

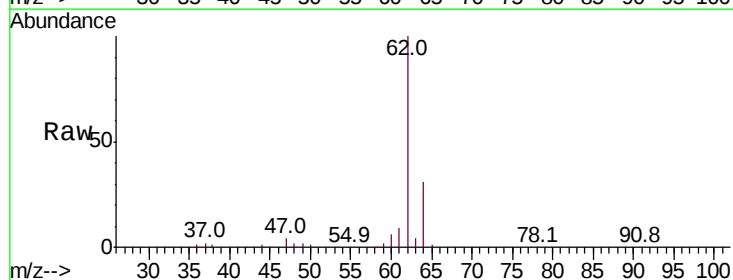
Acq: 23 Sep 2019 11:42

Tgt Ion: 62 Resp: 254246

Ion Ratio Lower Upper

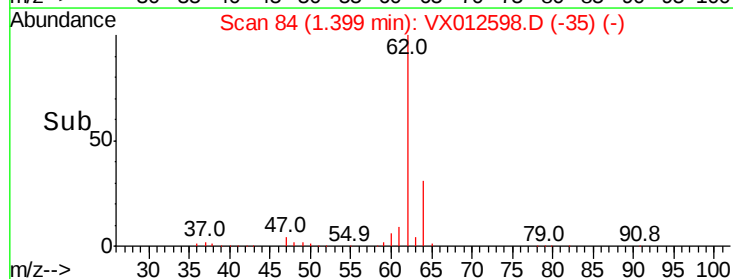
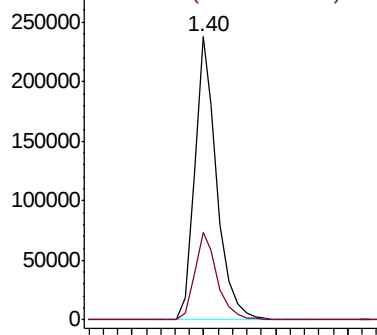
62 100

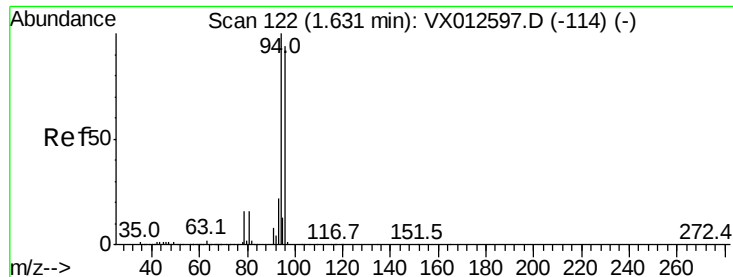
64 30.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 172.100 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

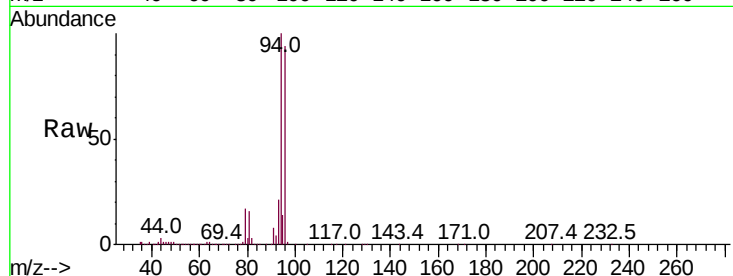
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 93481

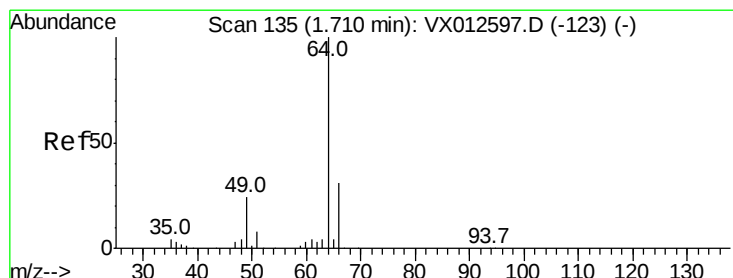
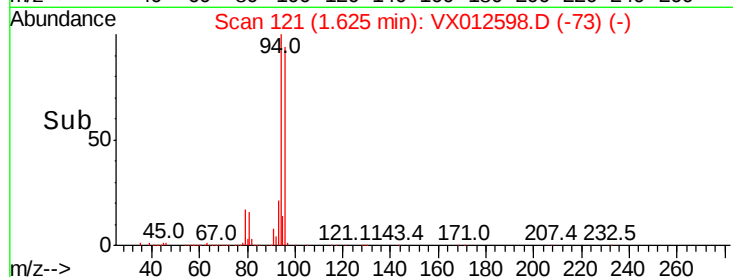
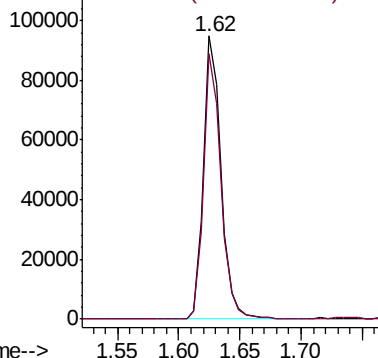
Ion Ratio Lower Upper

94 100

96 93.9 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 144.446 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012598.D

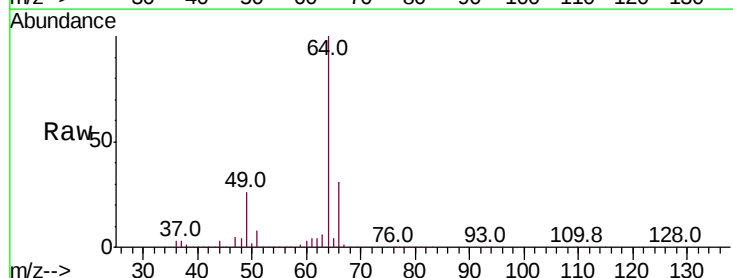
Acq: 23 Sep 2019 11:42

Tgt Ion: 64 Resp: 150614

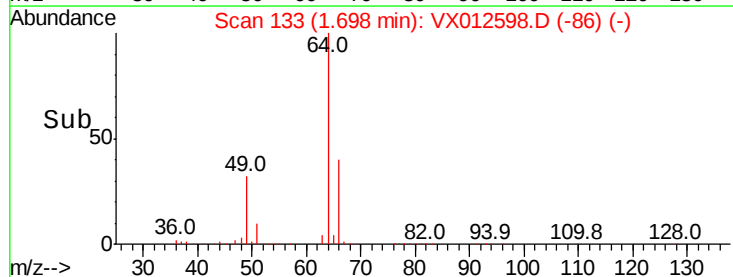
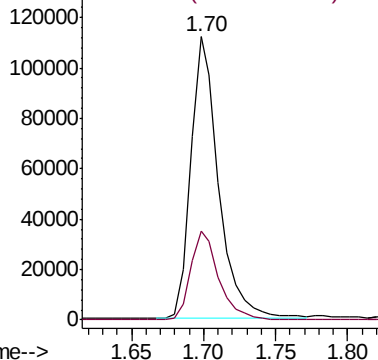
Ion Ratio Lower Upper

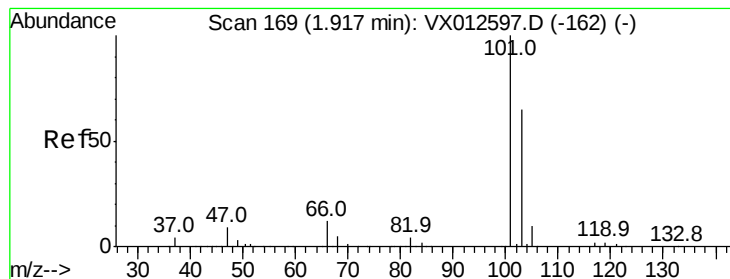
64 100

66 31.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



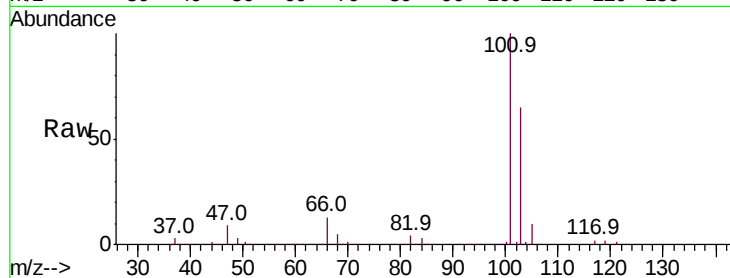


#7

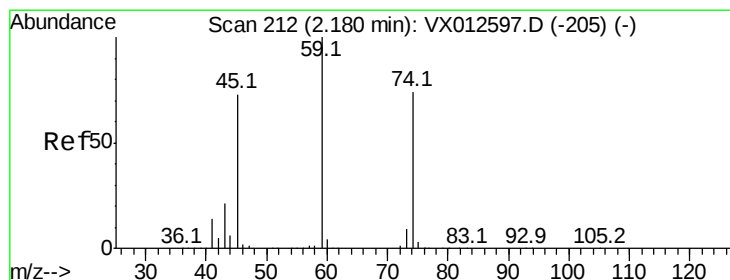
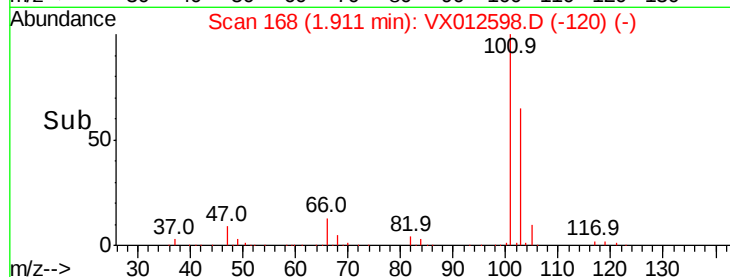
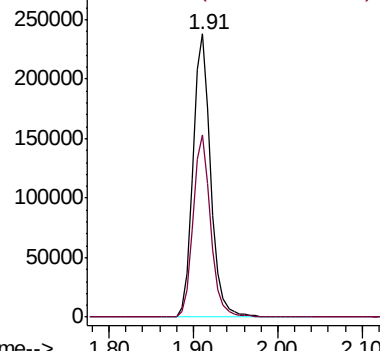
Trichlorofluoromethane
Concen: 150.089 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 345319
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5



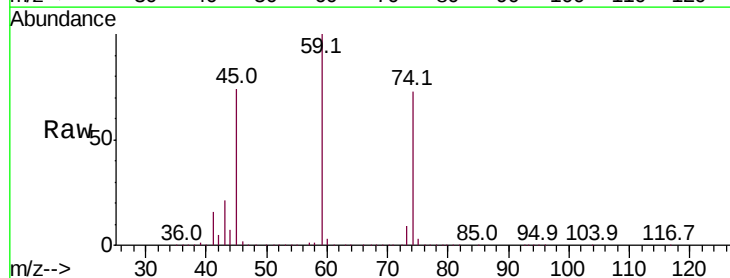
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



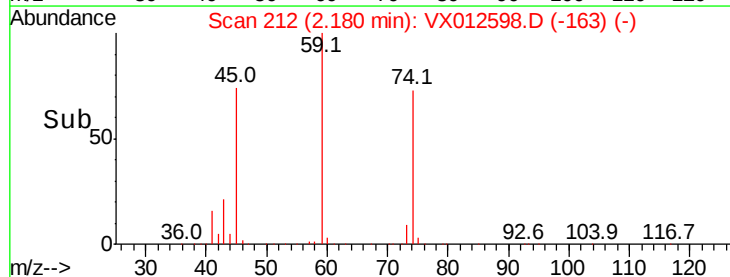
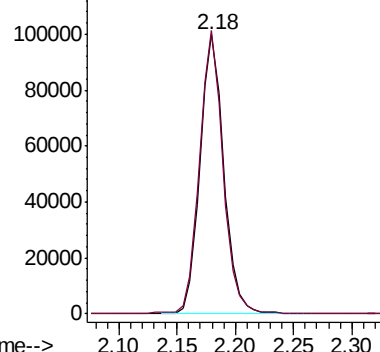
#8

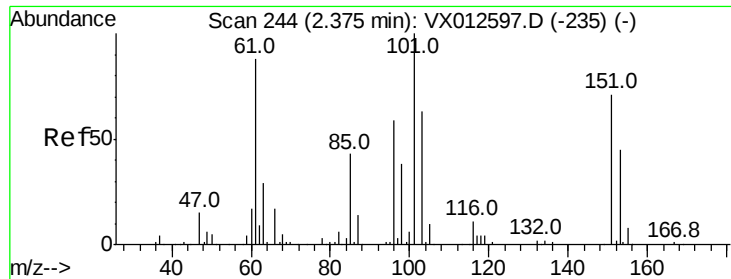
Diethyl Ether
Concen: 138.136 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 74 Resp: 141311
Ion Ratio Lower Upper
74 100
45 101.1 50.0 149.8



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

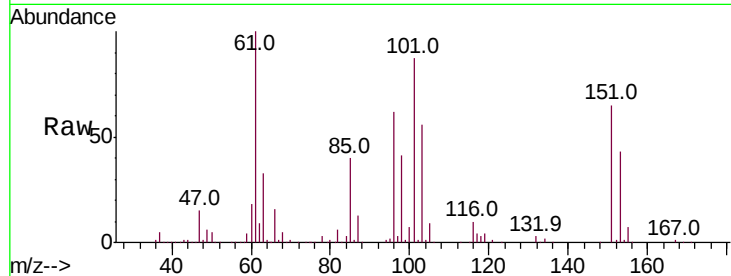




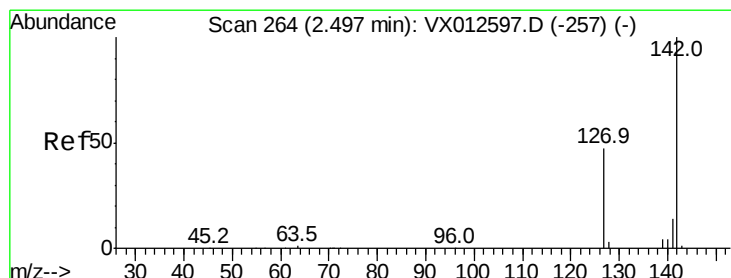
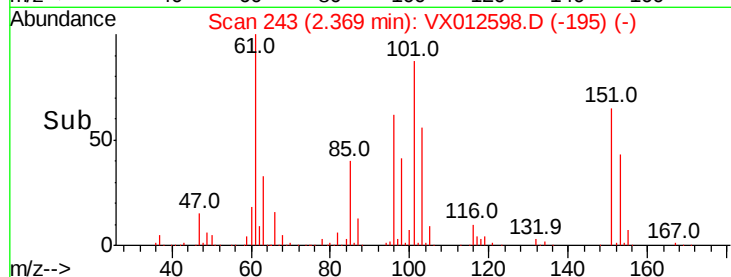
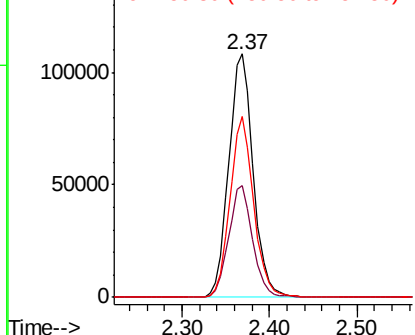
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 129.671 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 209892
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.8 53.6
 151 72.1 57.4 86.2

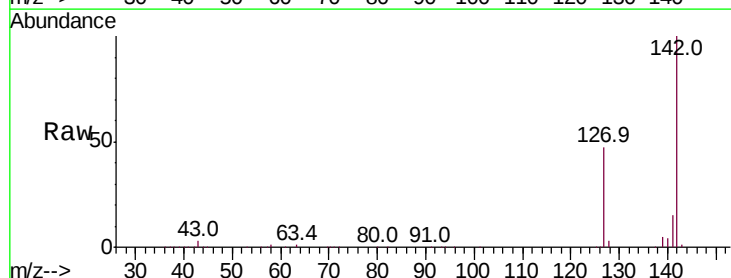


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

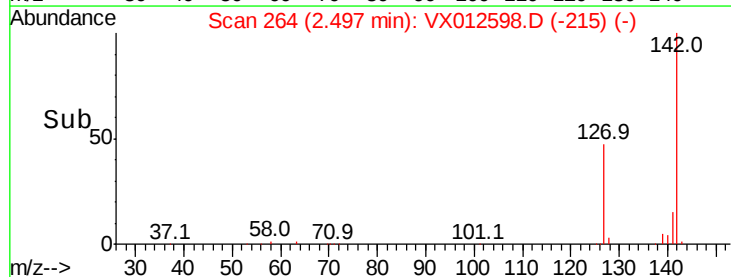
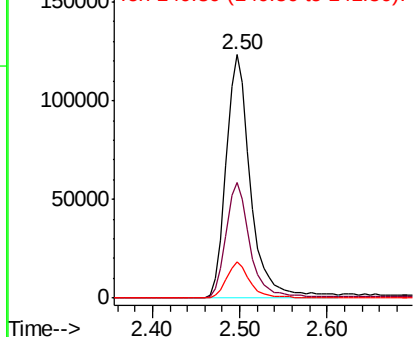


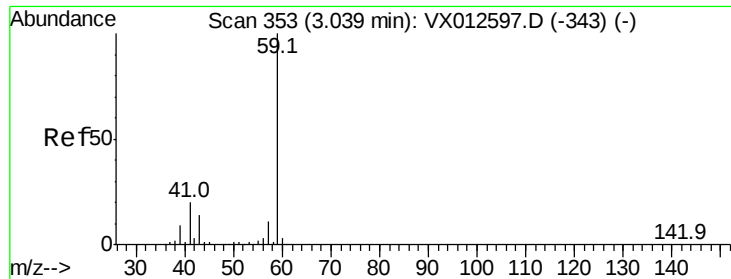
#10
 Methyl Iodide
 Concen: 180.472 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:142 Resp: 240604
 Ion Ratio Lower Upper
 142 100
 127 46.7 38.1 57.1
 141 14.4 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



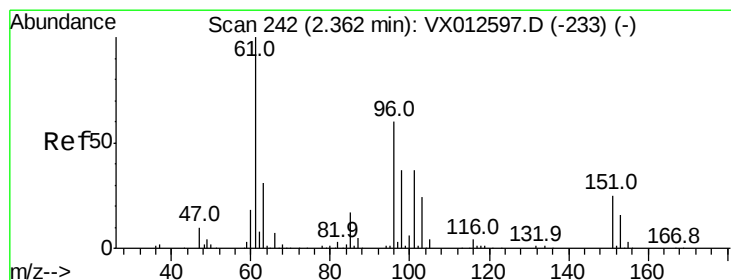
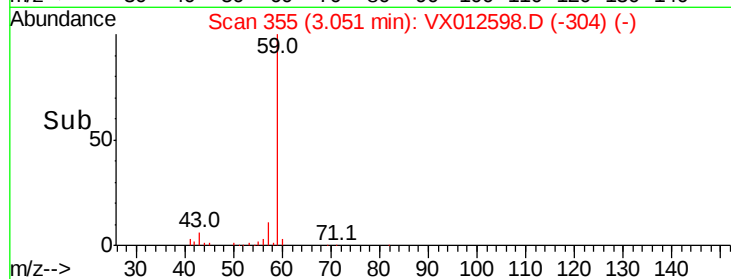
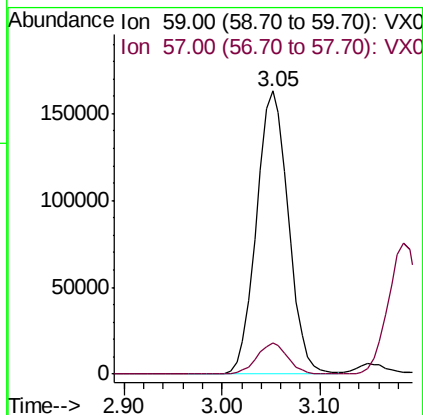
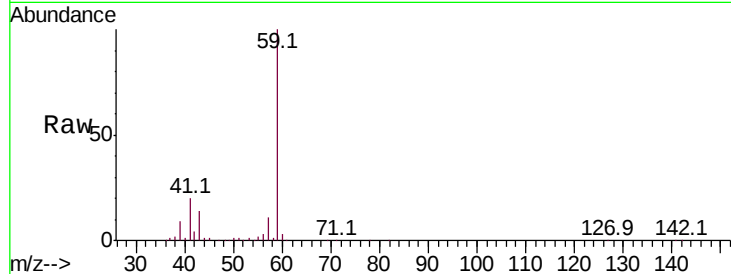


#11

Tert butyl alcohol
Concen: 495.152 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

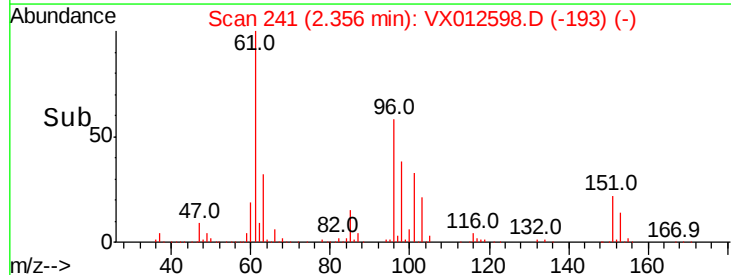
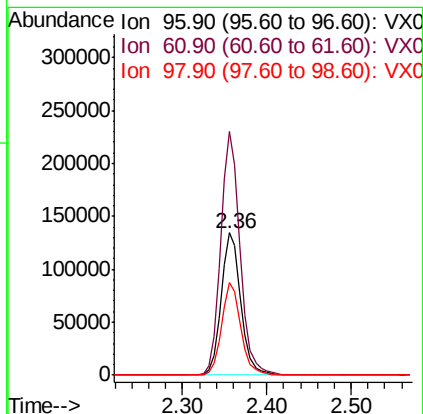
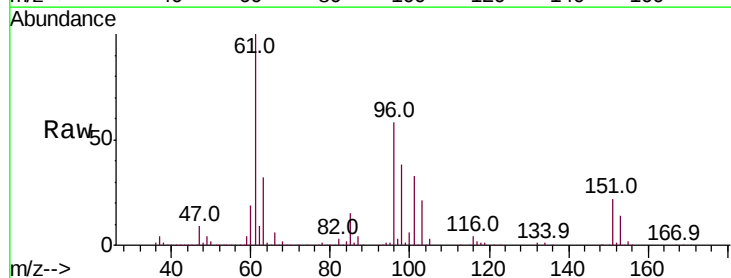
Tot Ion: 59 Resp: 369626
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

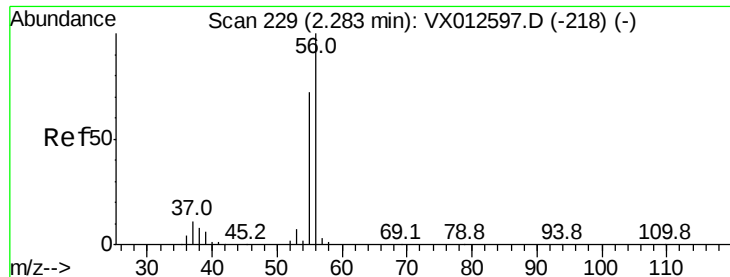


#12

1,1-Dichloroethene
Concen: 157.859 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 96 Resp: 214956
Ion Ratio Lower Upper
96 100
61 171.3 133.4 200.0
98 64.8 48.8 73.2





#13

Acrolein

Concen: 691.609 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

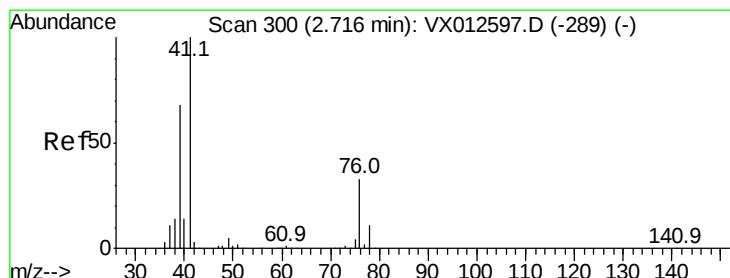
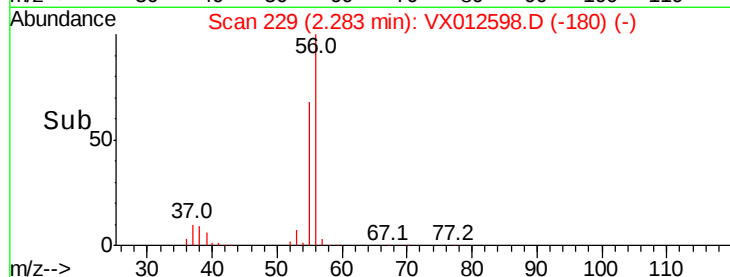
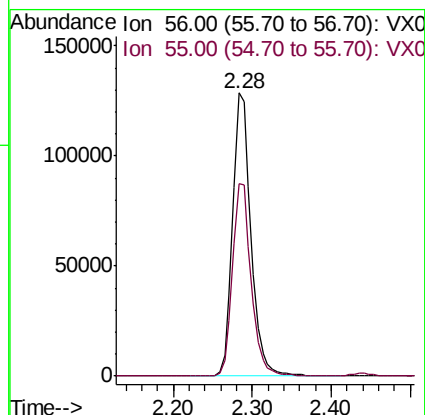
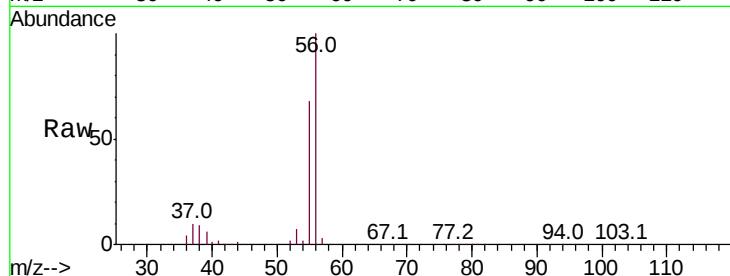
ClientSampled :

Tot Ion: 56 Resp: 208483

Ion Ratio Lower Upper

56 100

55 69.2 56.2 84.4



#14

Allyl chloride

Concen: 142.516 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

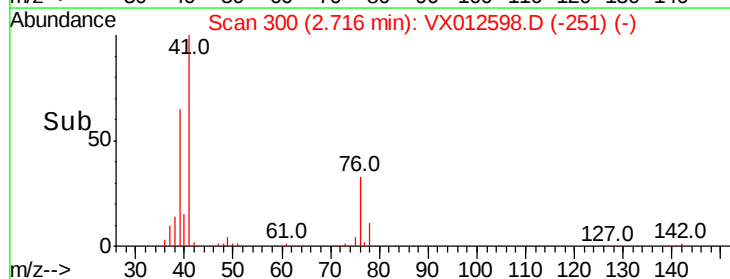
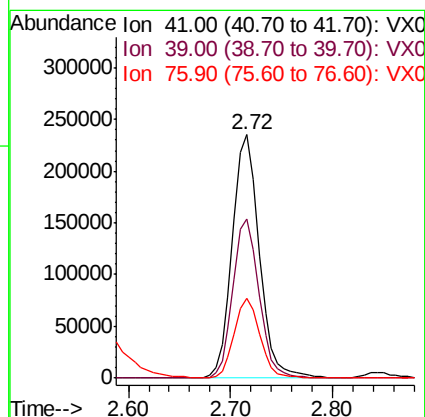
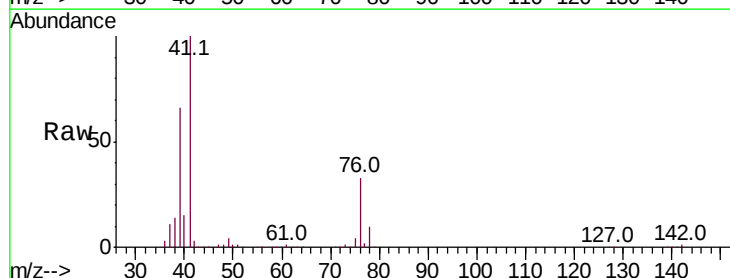
Tgt Ion: 41 Resp: 432283

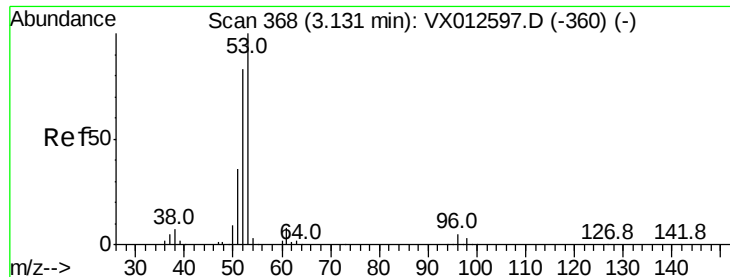
Ion Ratio Lower Upper

41 100

39 63.2 52.1 78.1

76 31.4 25.0 37.6





#15

Acrylonitrile

Concen: 596.676 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

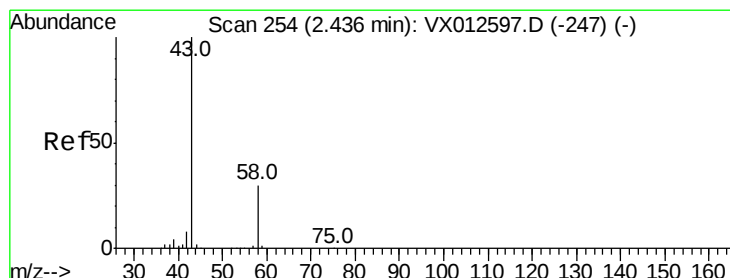
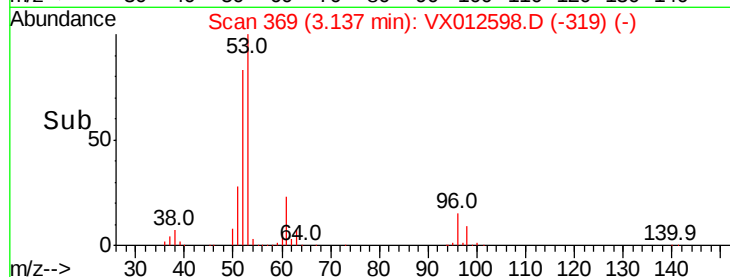
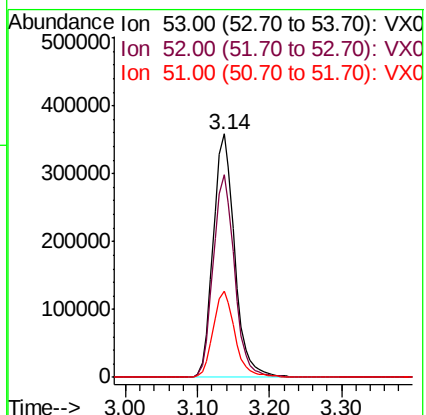
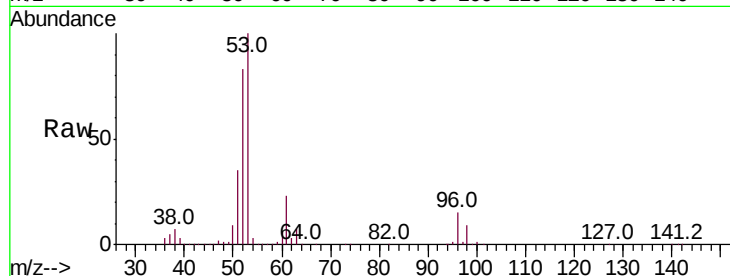
Tot Ion: 53 Resp: 739634

Ion Ratio Lower Upper

53 100

52 83.1 66.1 99.1

51 36.0 29.2 43.8



#16

Acetone

Concen: 513.271 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012598.D

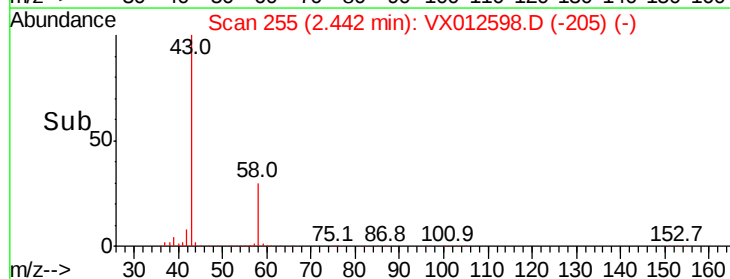
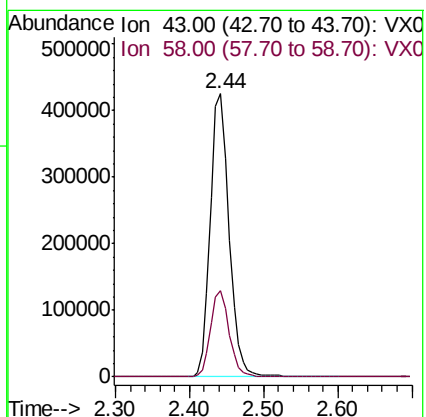
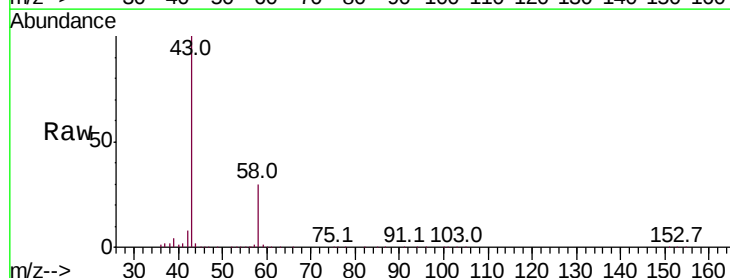
Acq: 23 Sep 2019 11:42

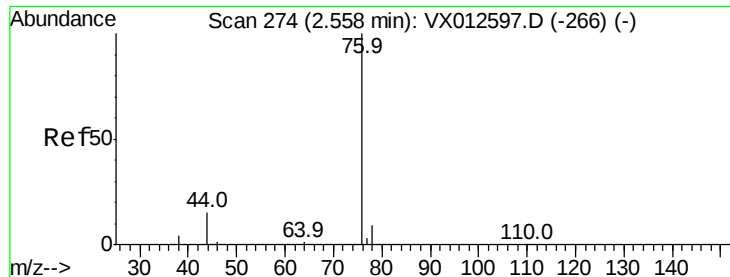
Tgt Ion: 43 Resp: 739132

Ion Ratio Lower Upper

43 100

58 30.3 24.3 36.5

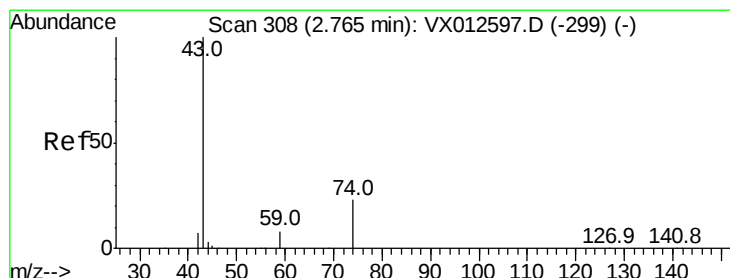
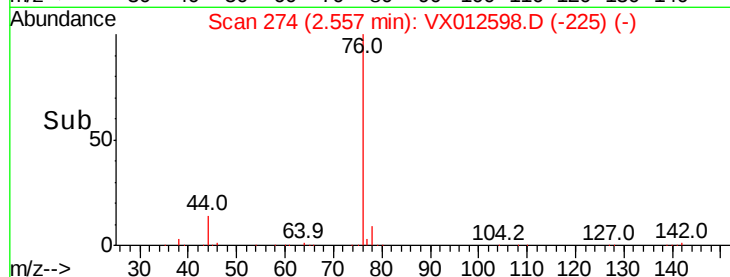
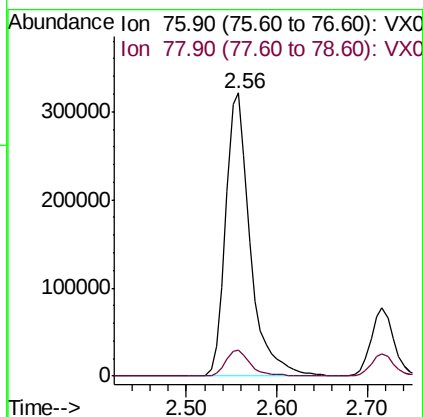
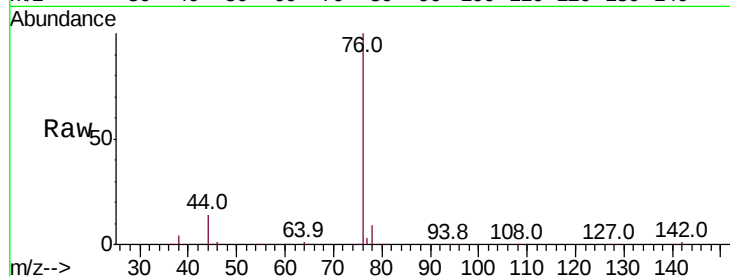




#17
Carbon Disulfide
Concen: 278.163 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

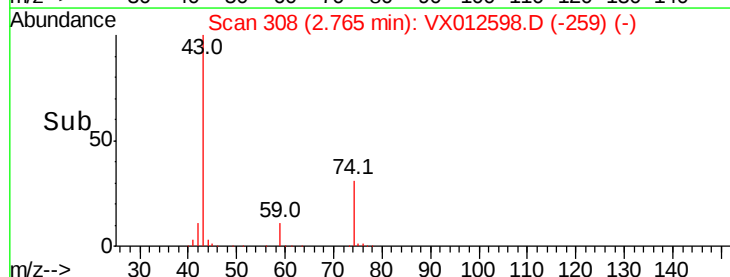
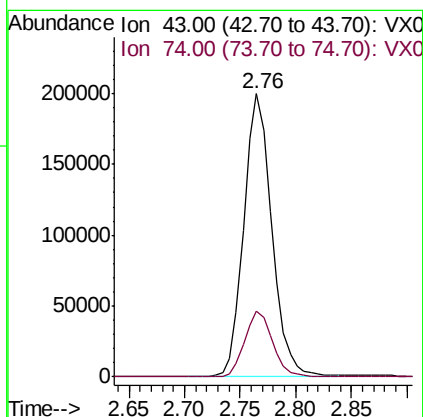
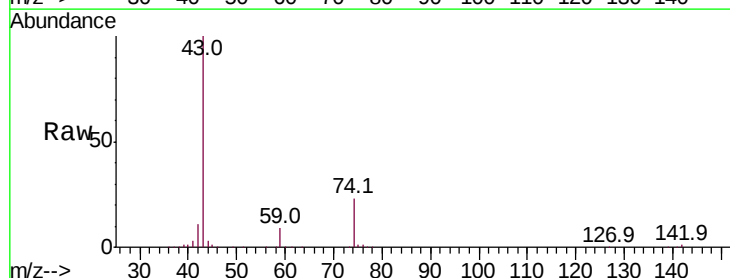
Instrument :
MSVOA_X
ClientSampleId :

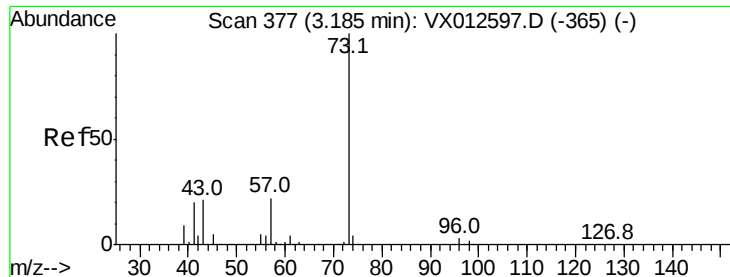
Tot Ion: 76 Resp: 604304
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 117.131 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 43 Resp: 348786
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8

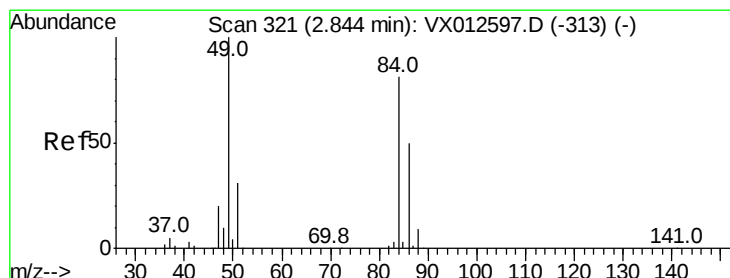
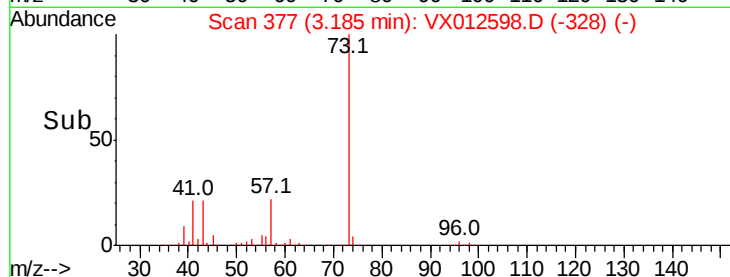
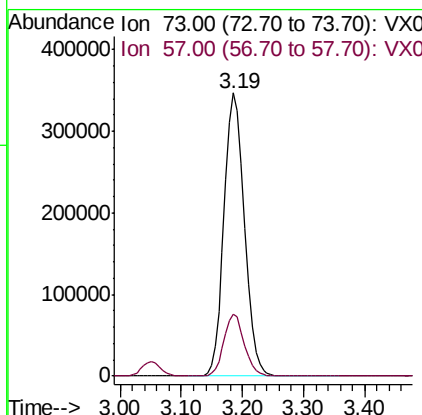
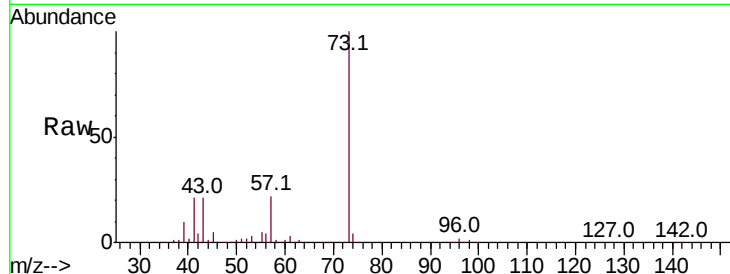




#19
Methyl tert-butyl Ether
Concen: 116.875 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

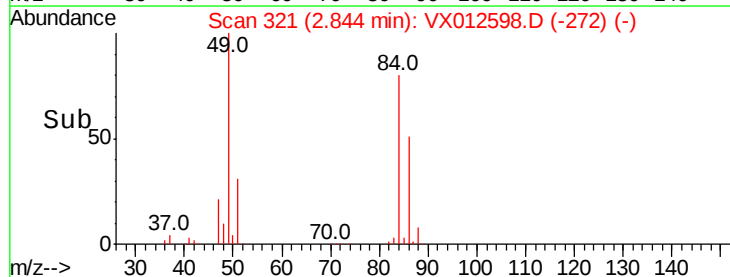
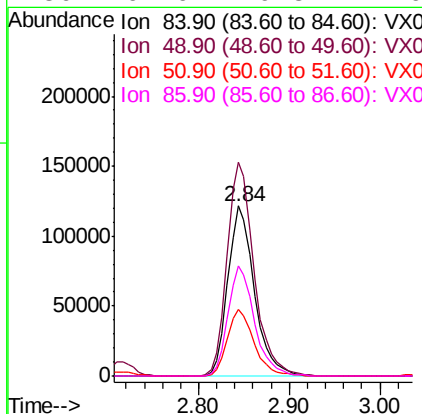
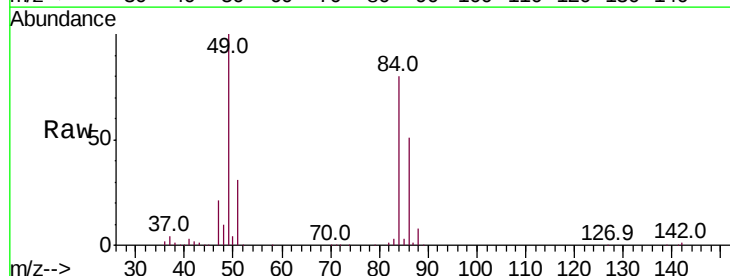
Instrument :
MSVOA_X
ClientSampleId :

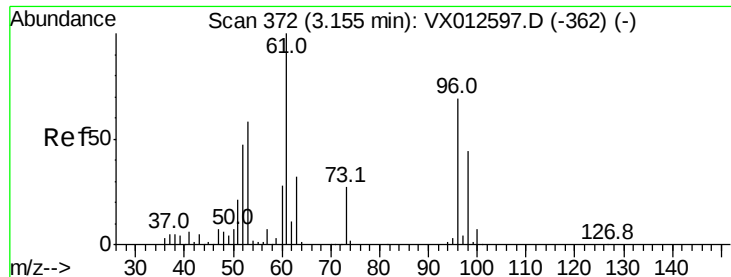
Tot Ion: 73 Resp: 800100
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 136.681 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 84 Resp: 247506
Ion Ratio Lower Upper
84 100
49 125.6 99.3 148.9
51 39.0 30.4 45.6
86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 164.590 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

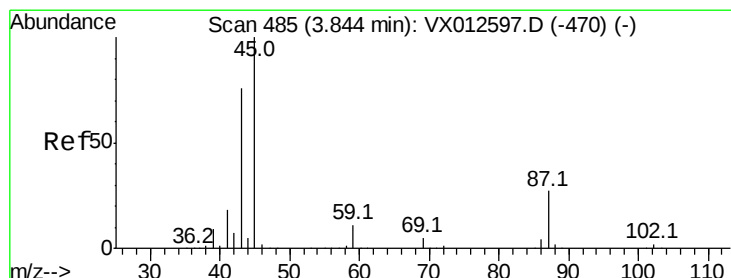
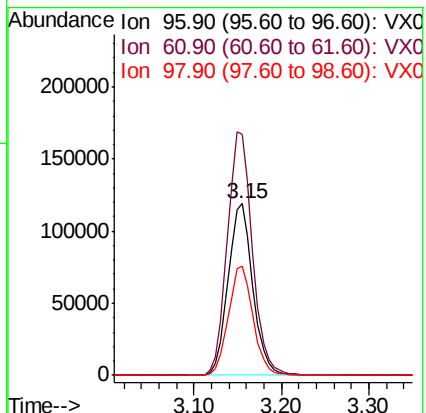
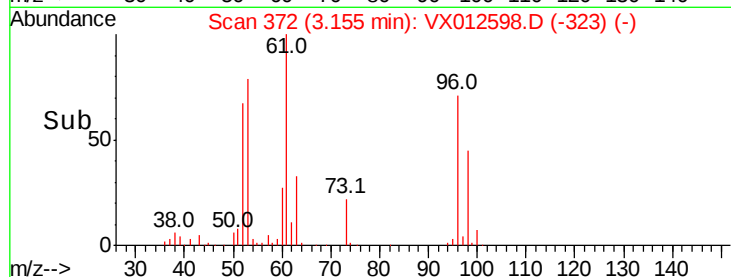
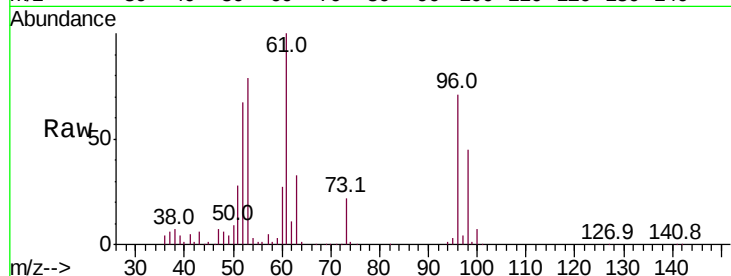
Tot Ion: 96 Resp: 234606

Ion Ratio Lower Upper

96 100

61 140.0 115.7 173.5

98 63.6 50.6 75.8



#22

Diisopropyl ether

Concen: 116.853 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Tgt Ion: 45 Resp: 800373

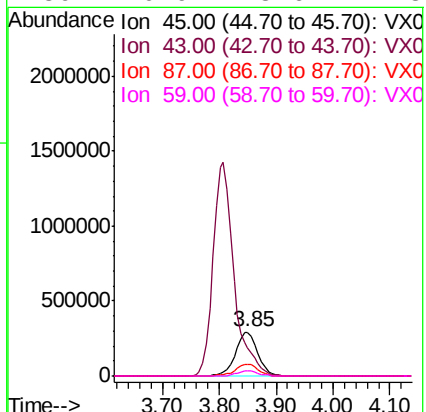
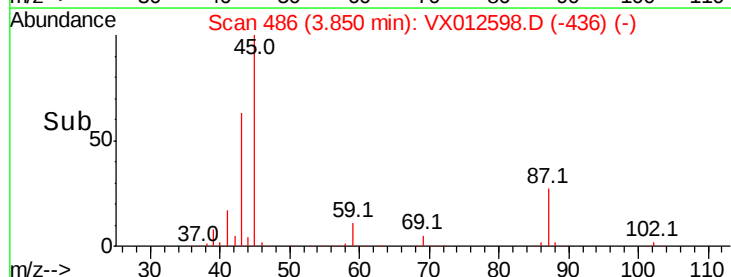
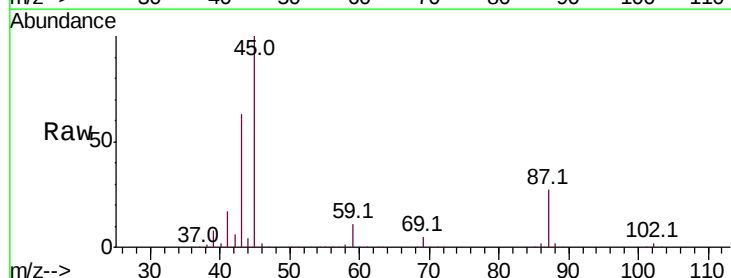
Ion Ratio Lower Upper

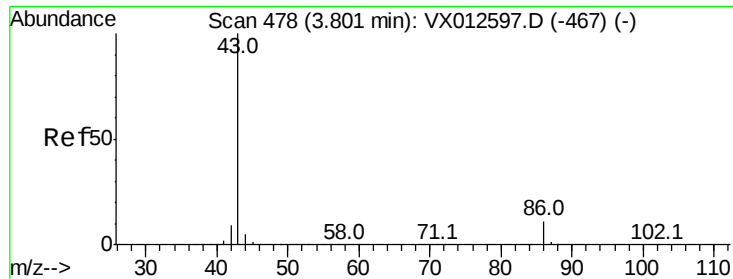
45 100

43 63.3 60.8 91.2

87 26.9 21.9 32.9

59 10.9 8.6 12.8





#23

Vinyl Acetate

Concen: 640.802 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

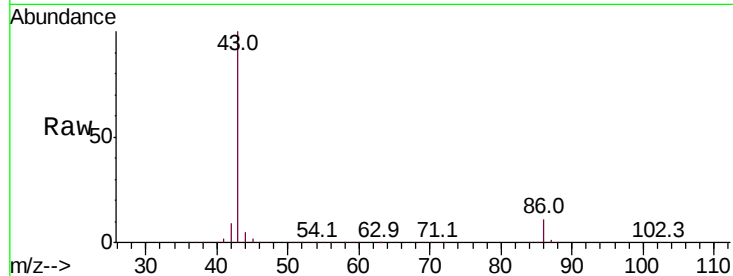
ClientSampleId :

Tot Ion: 43 Resp: 3648686

Ion Ratio Lower Upper

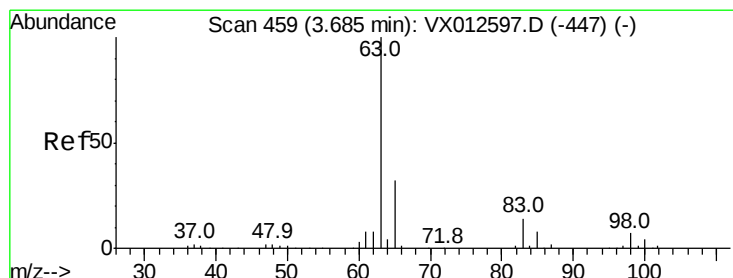
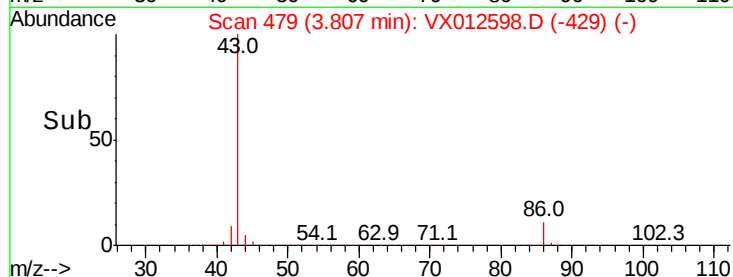
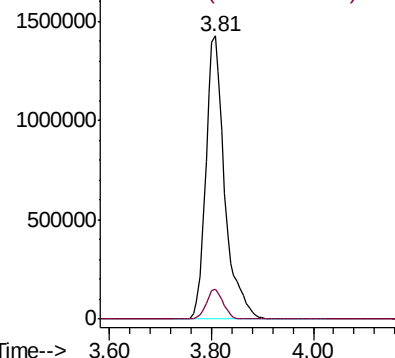
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 131.074 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

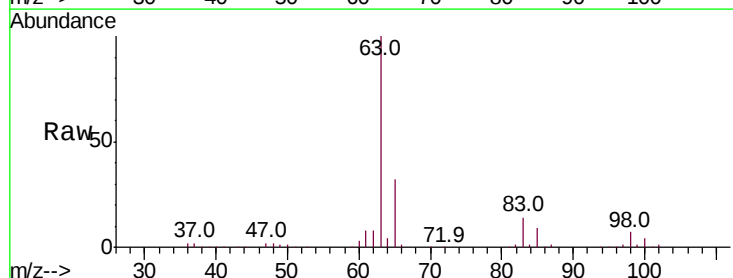
Tgt Ion: 63 Resp: 439714

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

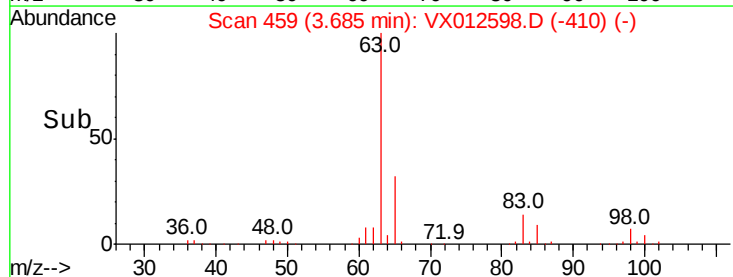
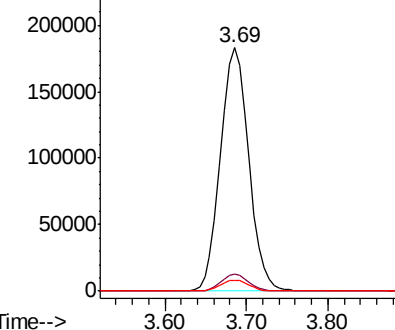
100 4.4 2.0 6.0

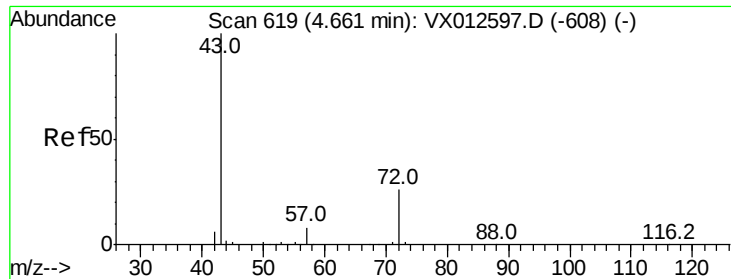


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 555.501 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

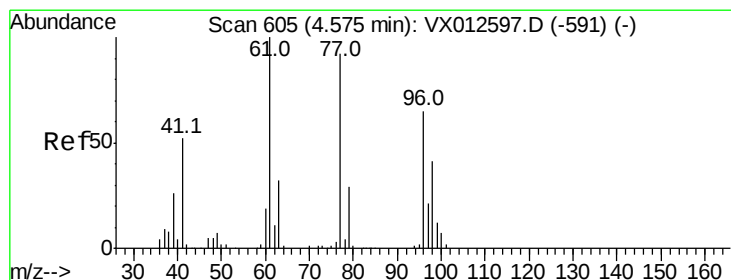
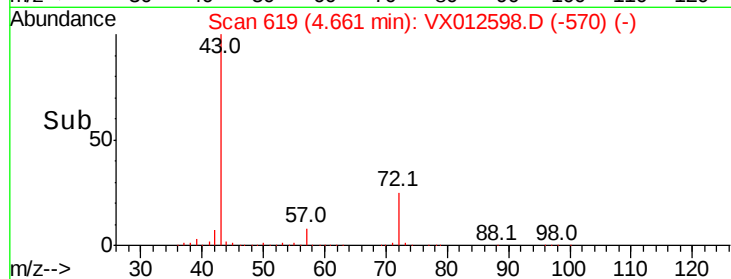
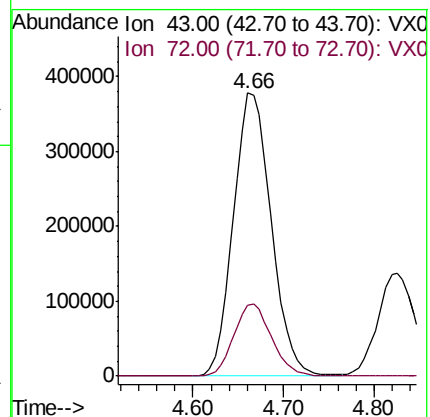
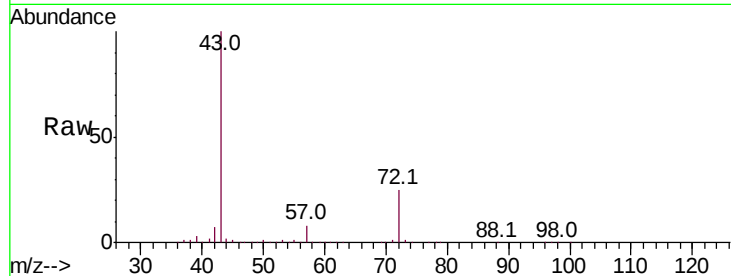
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1093303

Ion Ratio Lower Upper

43 100

72 25.1 21.2 31.8



#26

2,2-Dichloropropane

Concen: 119.910 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012598.D

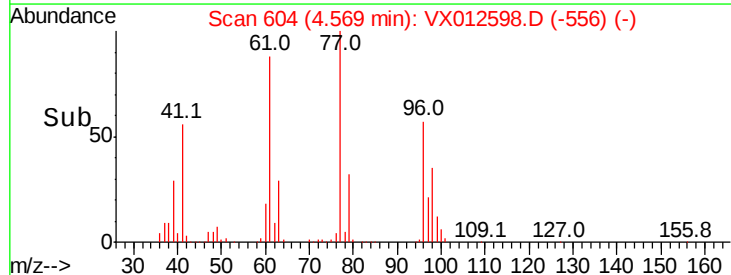
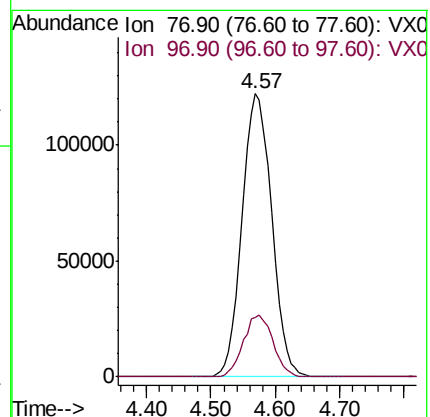
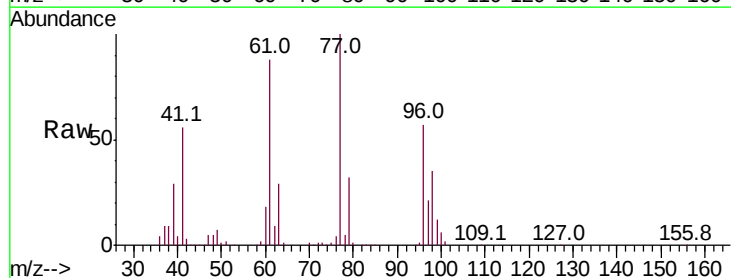
Acq: 23 Sep 2019 11:42

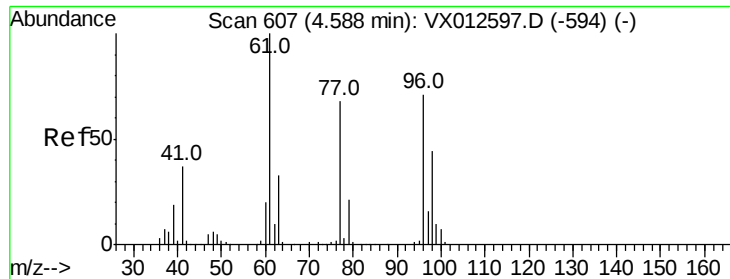
Tgt Ion: 77 Resp: 388432

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9



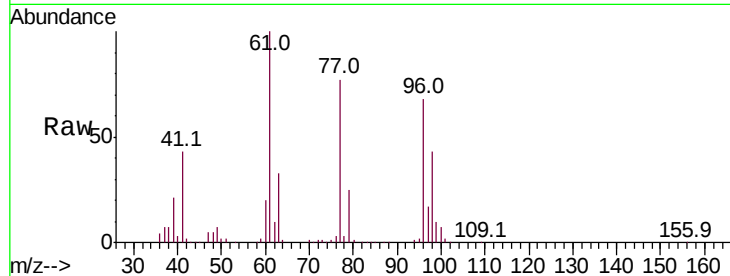


#27

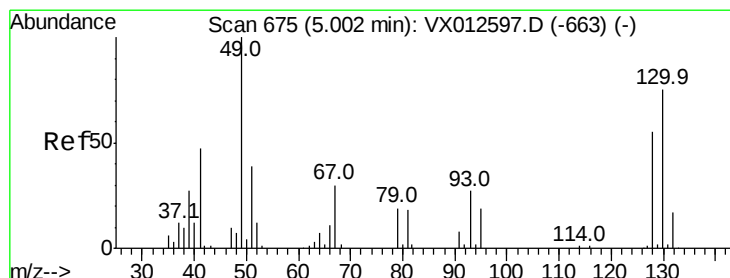
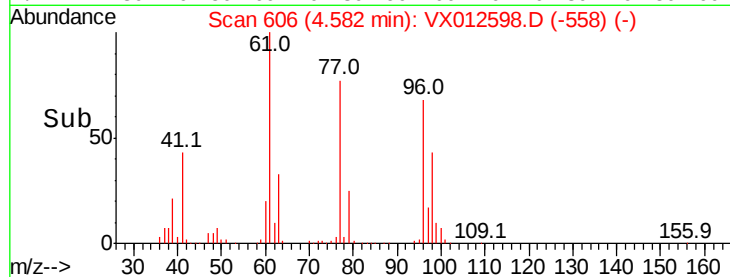
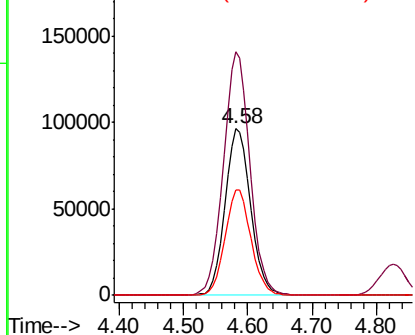
cis-1,2-Dichloroethene
Concen: 133.755 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.8
98	64.0	0.0	127.6



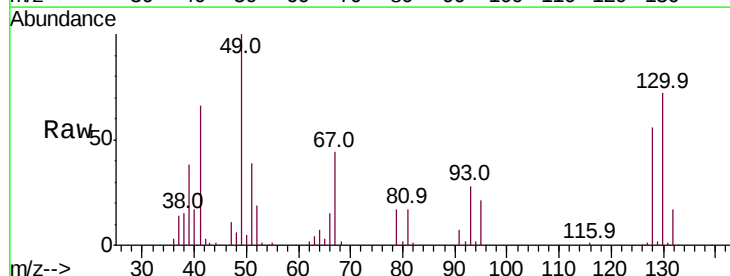
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



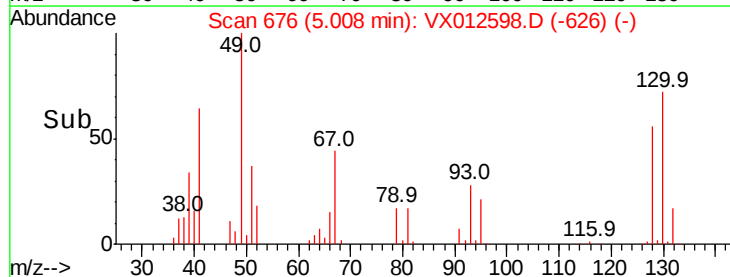
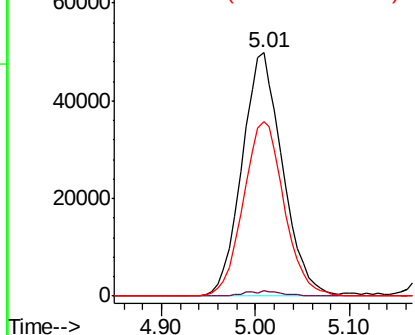
#28

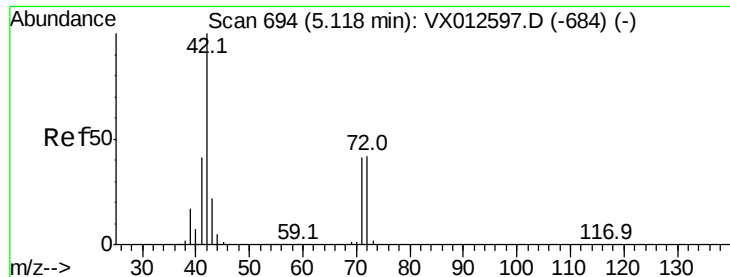
Bromochloromethane
Concen: 91.172 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.5	57.0	85.6



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: 619.344 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

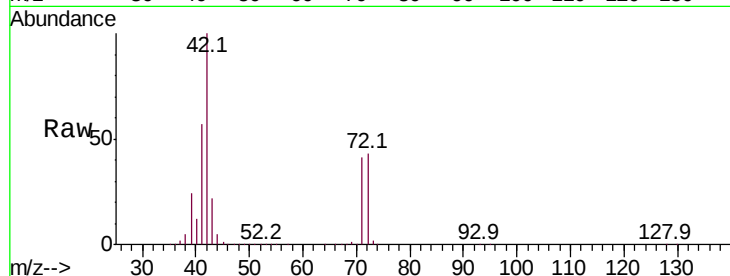
Tot Ion: 42 Resp: 681678

Ion Ratio Lower Upper

42 100

72 43.6 34.6 51.8

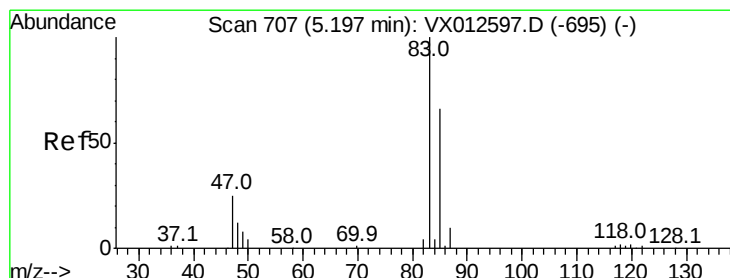
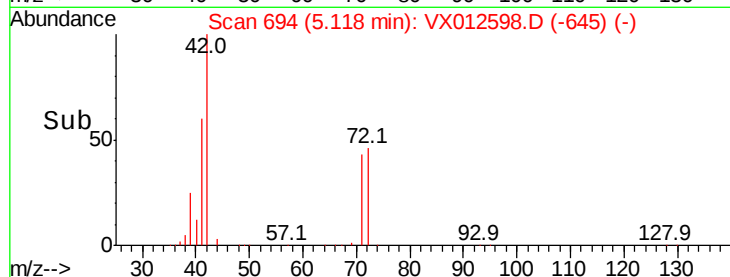
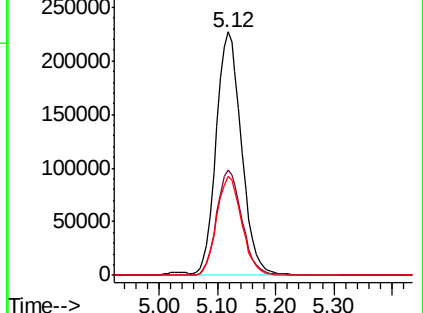
71 40.6 32.6 48.8



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: 116.858 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012598.D

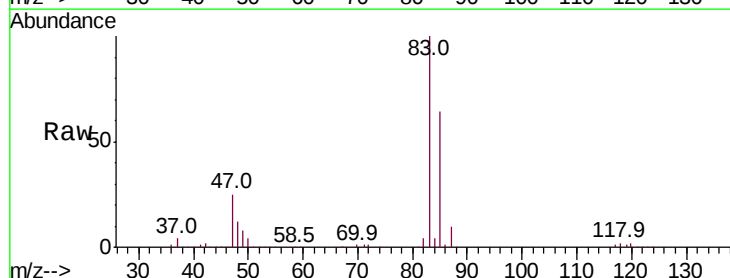
Acq: 23 Sep 2019 11:42

Tgt Ion: 83 Resp: 440467

Ion Ratio Lower Upper

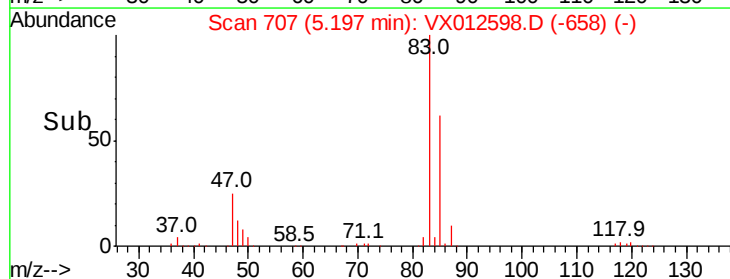
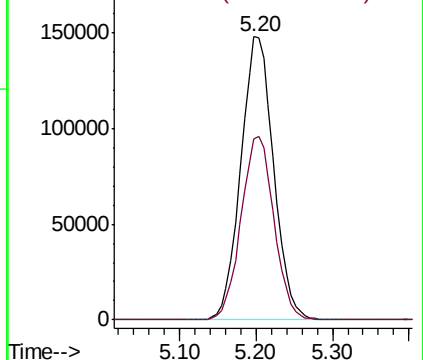
83 100

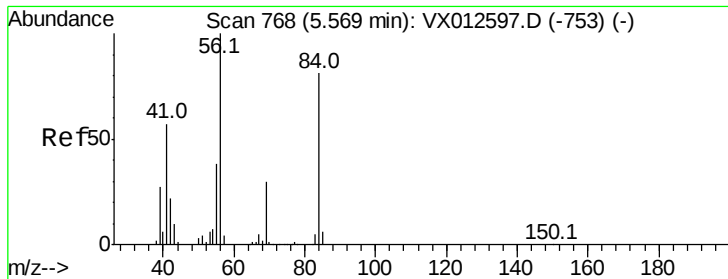
85 64.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

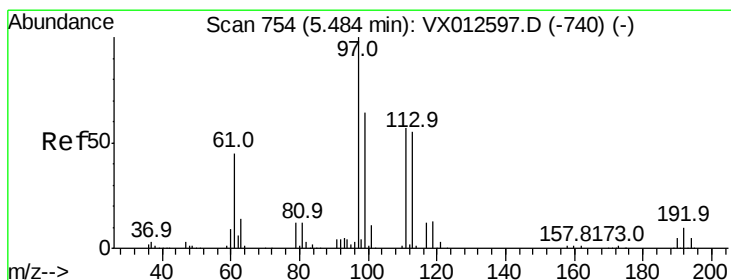
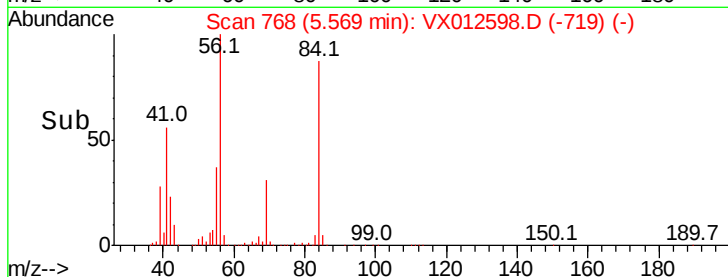
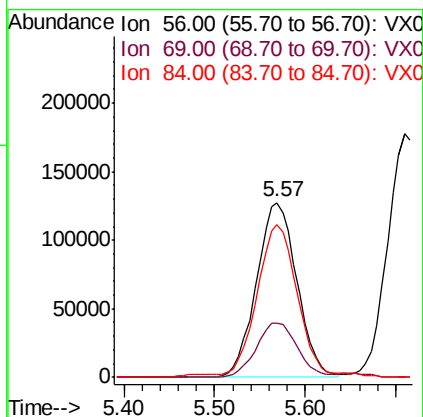
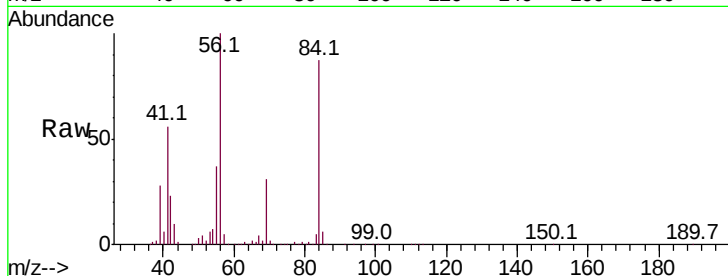




#31
Cyclohexane
Concen: 171.927 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

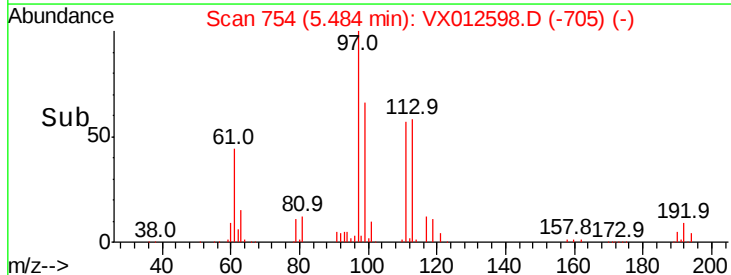
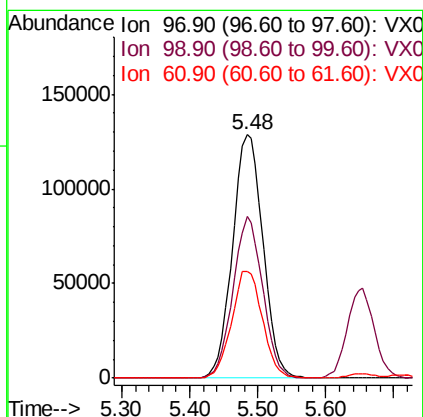
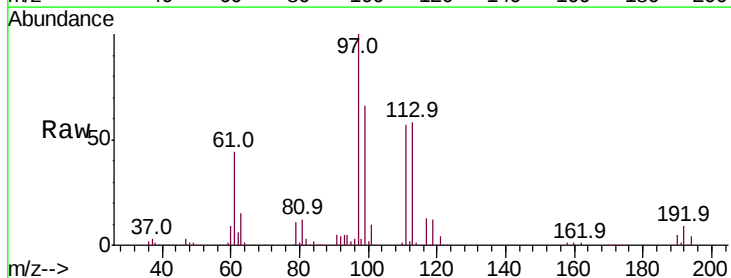
Instrument :
MSVOA_X
ClientSampleId :

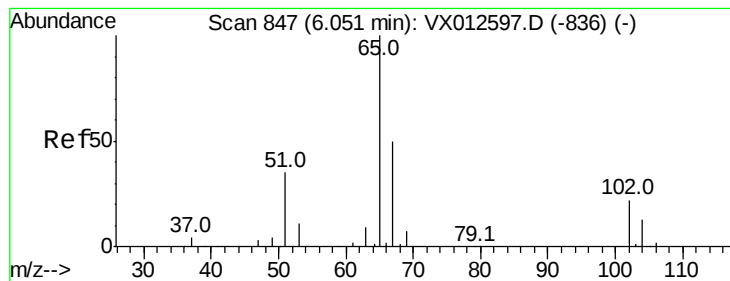
Tot Ion: 56 Resp: 393059
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 85.9 65.0 97.6



#32
1,1,1-Trichloroethane
Concen: 125.326 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 97 Resp: 399160
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 100.141 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

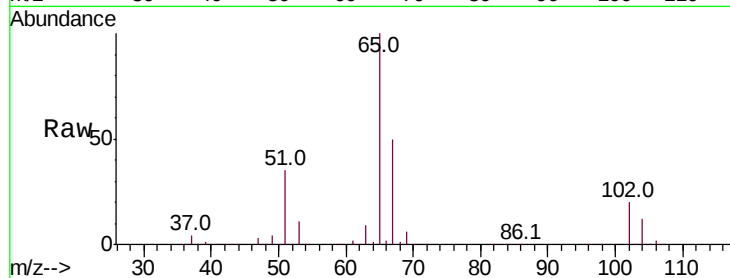
ClientSampleId :

Tot Ion: 65 Resp: 283873

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

60000

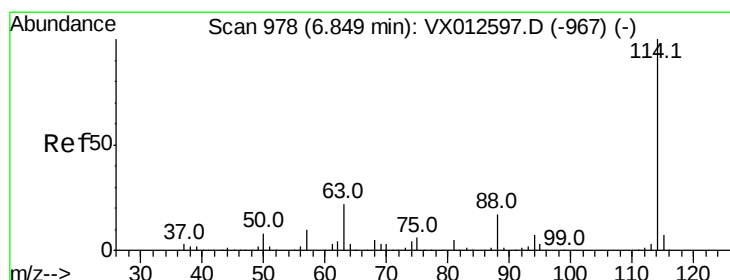
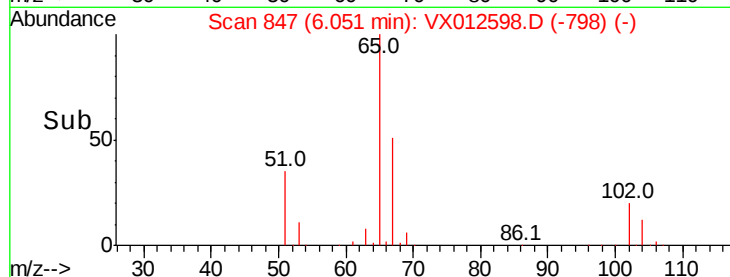
40000

20000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

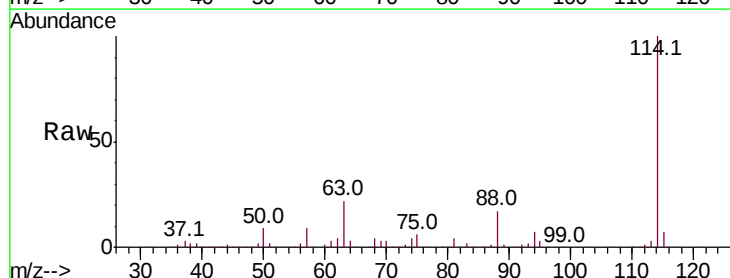
Tgt Ion:114 Resp: 349195

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

88 17.0 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

200000

150000

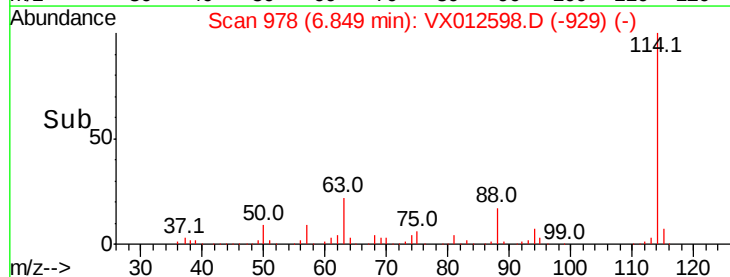
100000

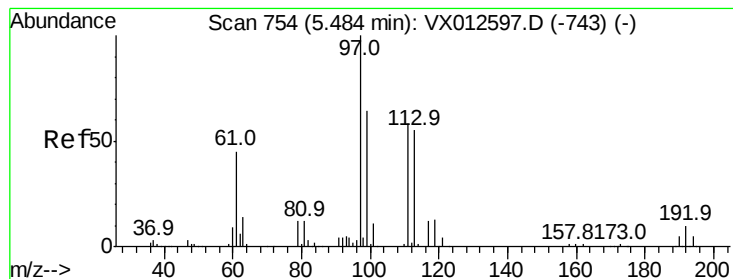
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 101.280 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

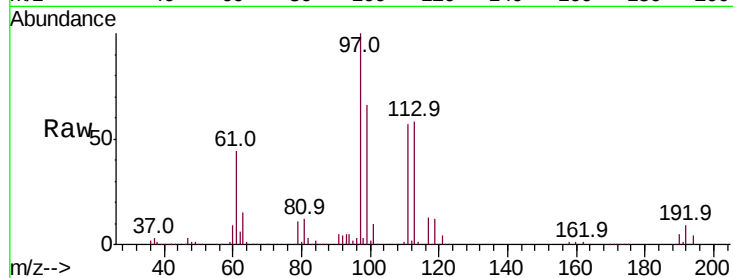
Tot Ion:113 Resp: 214777

Ion Ratio Lower Upper

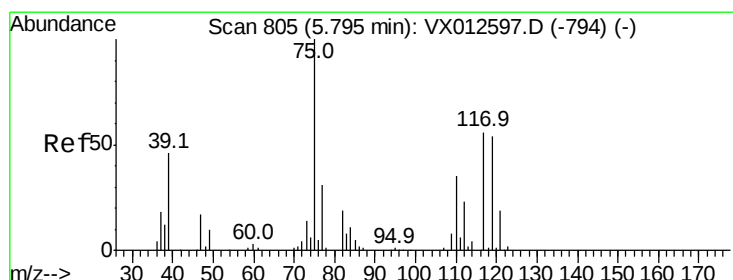
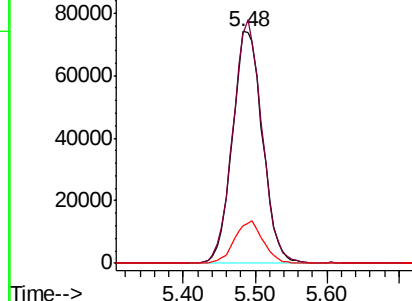
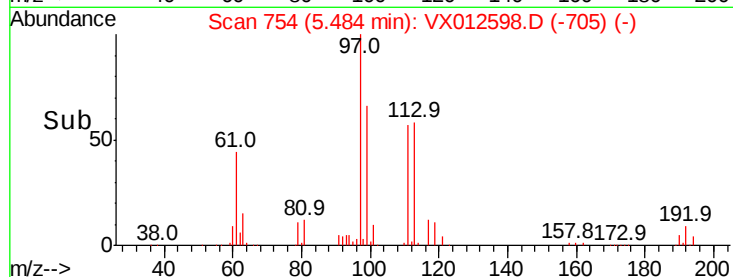
113 100

111 101.7 81.8 122.6

192 17.4 14.5 21.7



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: 147.377 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

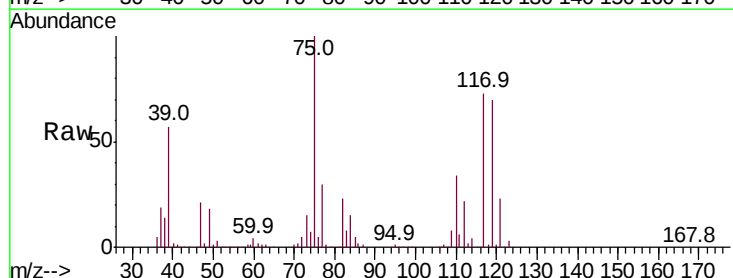
Tgt Ion: 75 Resp: 334516

Ion Ratio Lower Upper

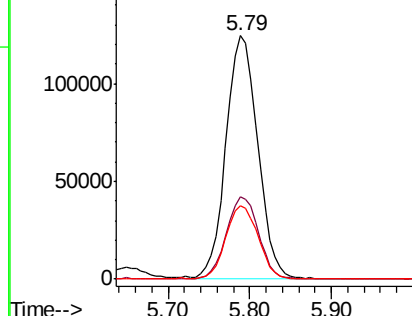
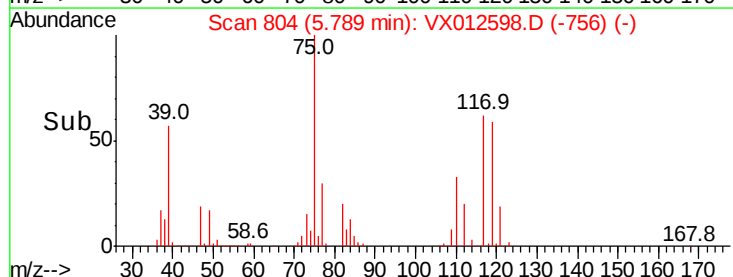
75 100

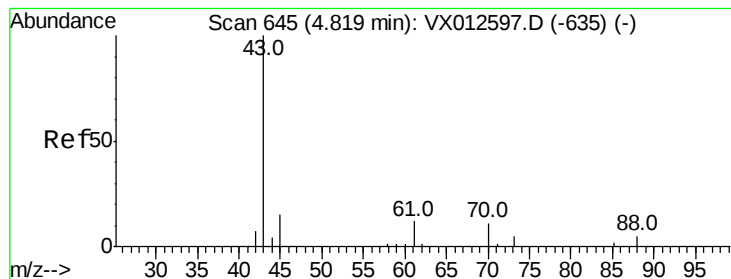
110 34.5 17.6 52.8

77 31.0 25.1 37.7



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: 121.959 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampled :

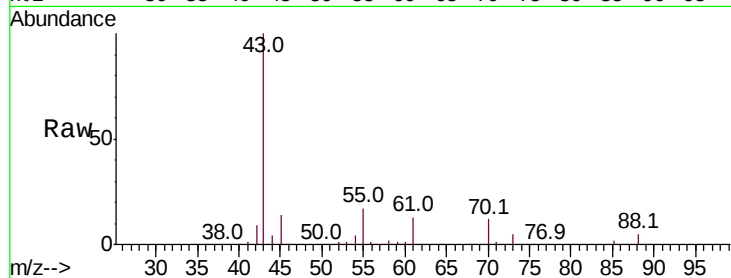
Tot Ion: 43 Resp: 401736

Ion Ratio Lower Upper

43 100

61 13.1 10.8 16.2

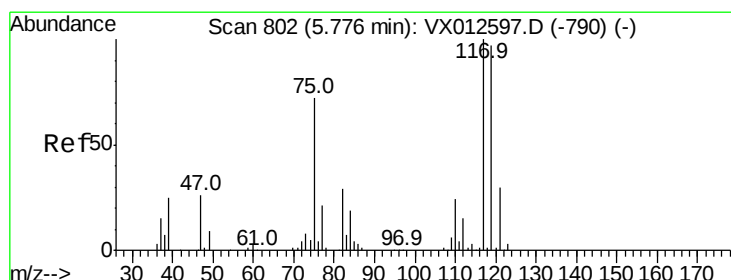
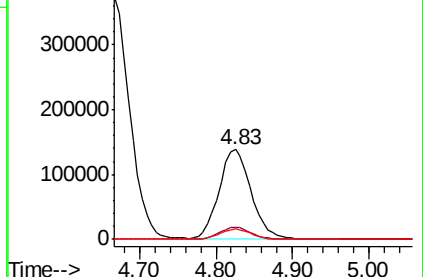
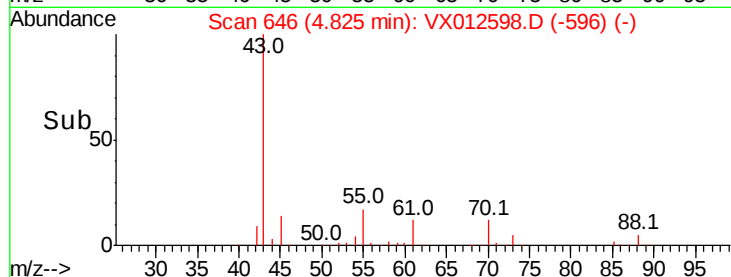
70 11.3 9.0 13.6



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: 127.389 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

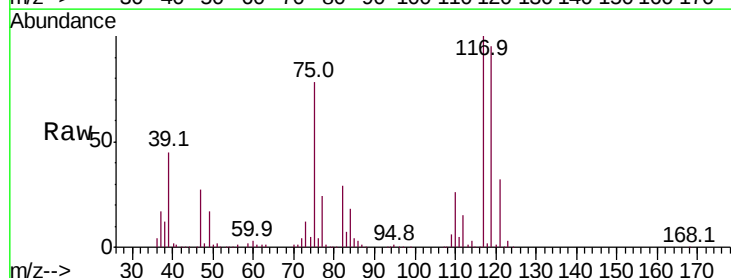
Tgt Ion: 117 Resp: 347093

Ion Ratio Lower Upper

117 100

119 94.5 77.1 115.7

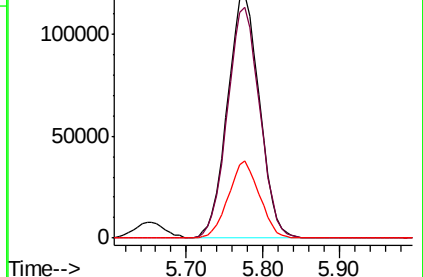
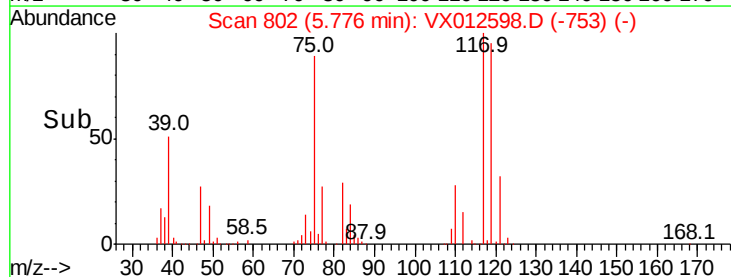
121 31.7 23.7 35.5

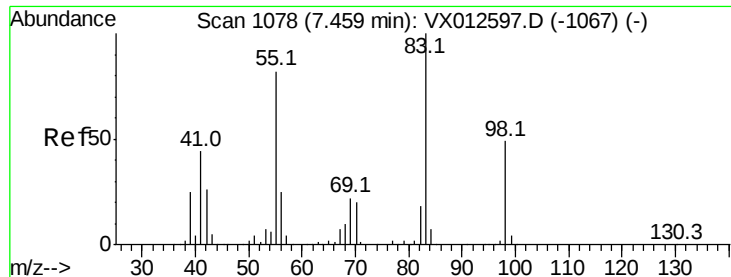


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

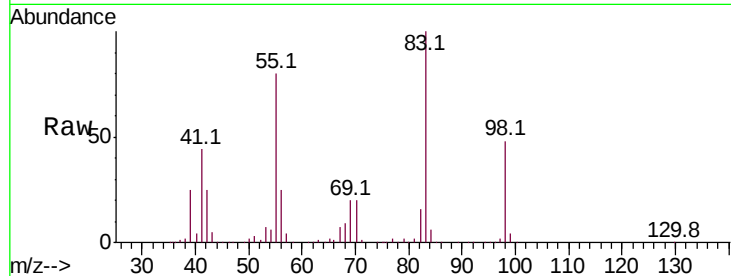




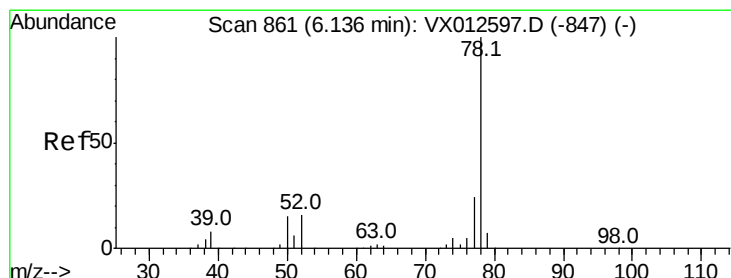
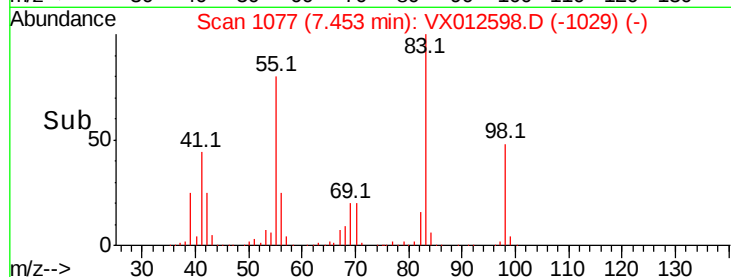
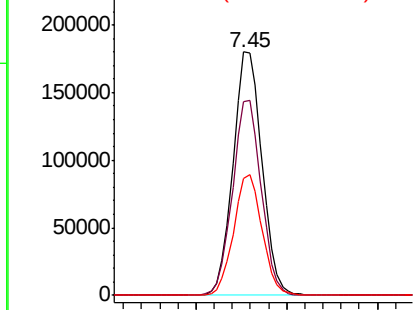
#39
Methvlcvclohexane
Concen: 172.430 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 398643
Ion Ratio Lower Upper
83 100
55 79.7 65.6 98.4
98 48.2 39.4 59.0

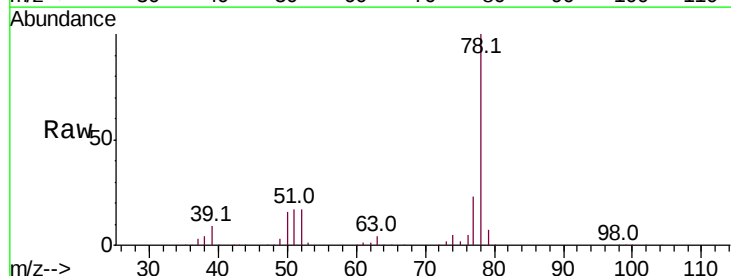


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

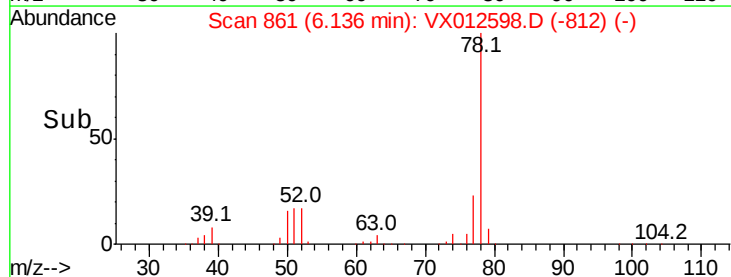
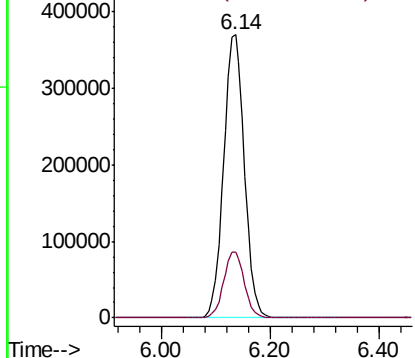


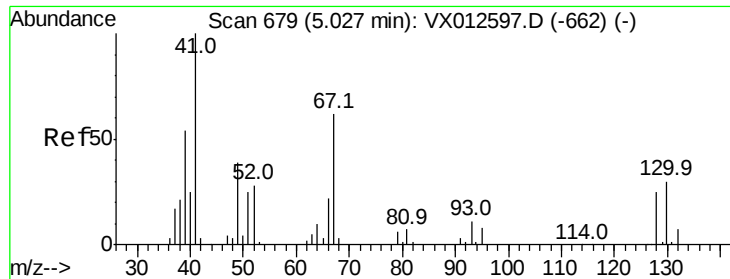
#40
Benzene
Concen: 137.099 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 78 Resp: 978590
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



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

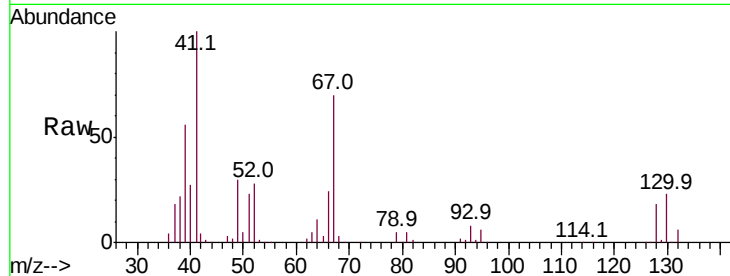




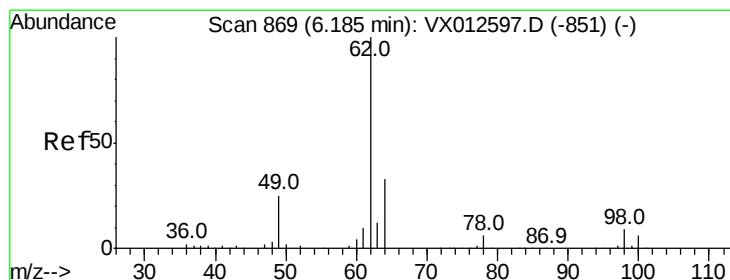
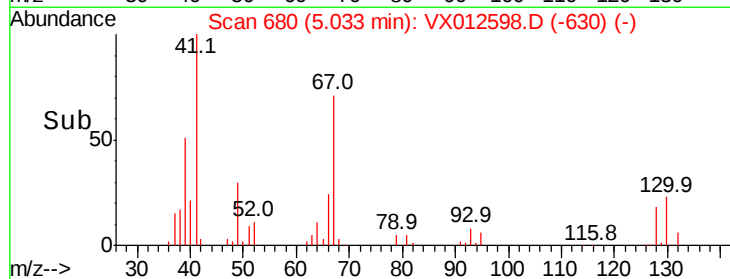
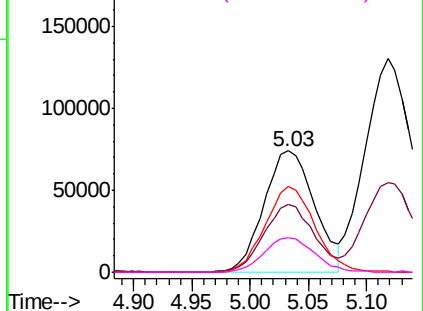
#41
Methacrylonitrile
Concen: 107.083 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	223912
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.2	66.4
67	69.2	55.2	82.8
52	28.5	22.9	34.3

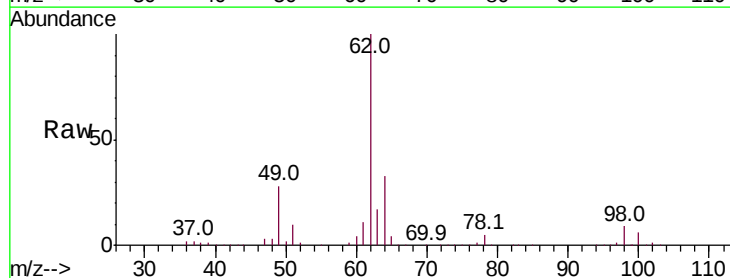


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

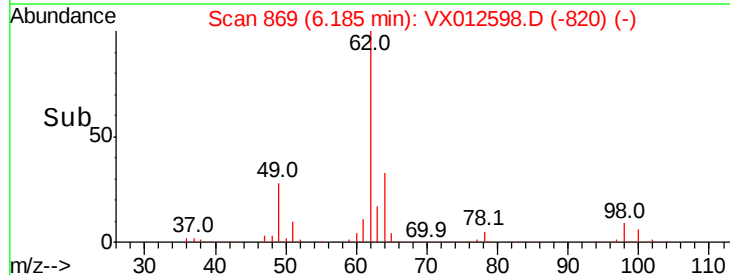
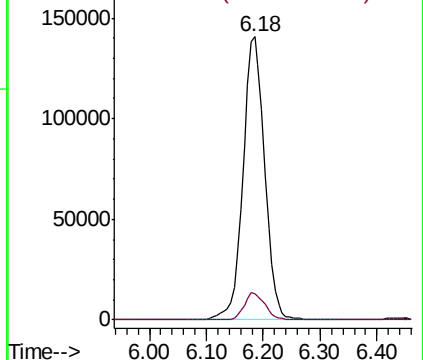


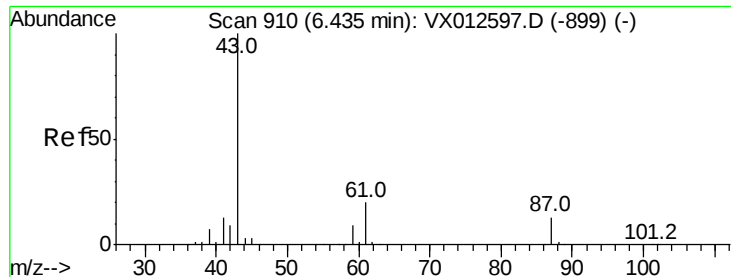
#42
1,2-Dichloroethane
Concen: 116.540 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:	62	Resp:	371954
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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



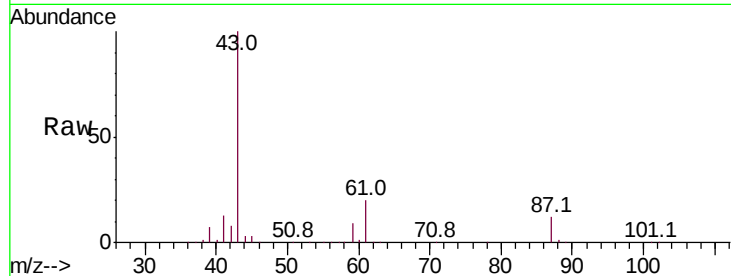


#43

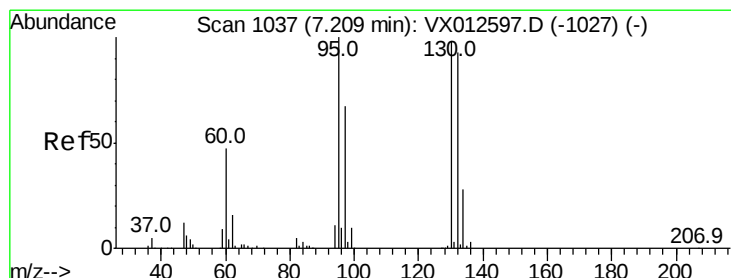
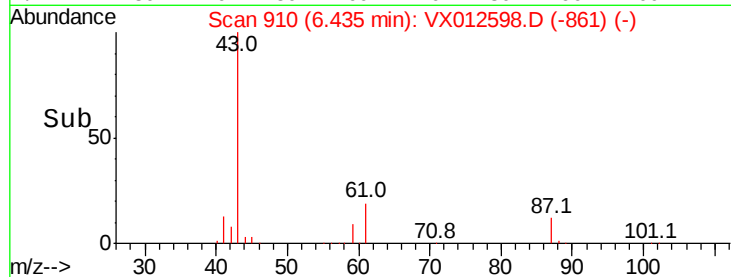
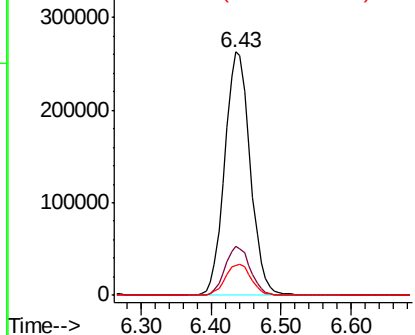
Isopropyl Acetate
 Concen: 113.281 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.8
87	13.0	10.2	15.4



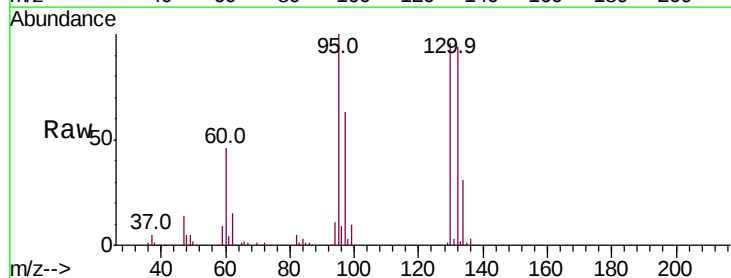
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



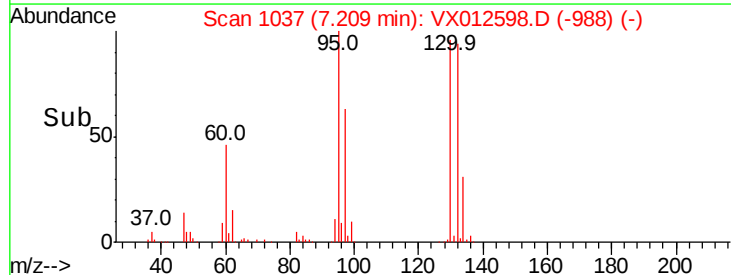
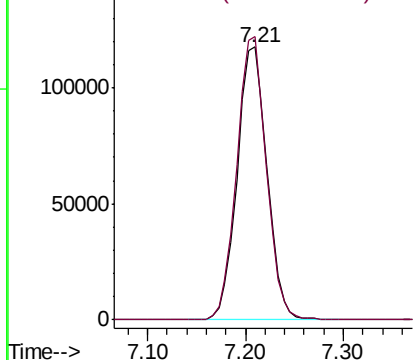
#44

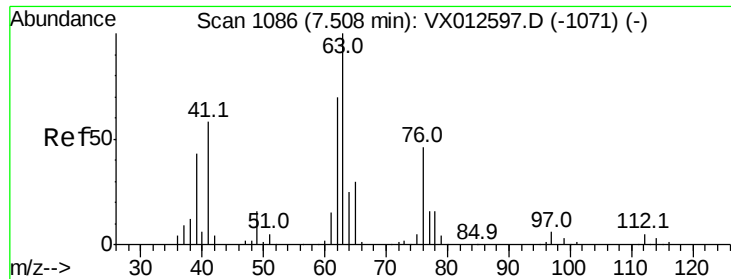
Trichloroethene
 Concen: 134.928 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	204.8



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

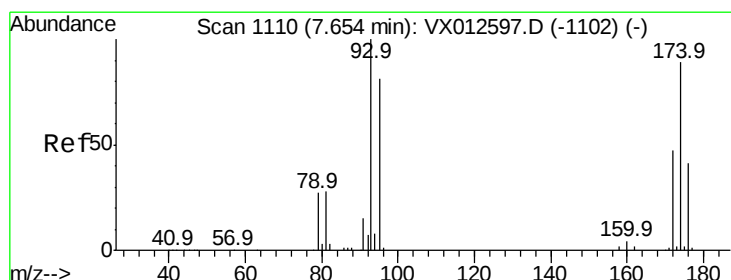
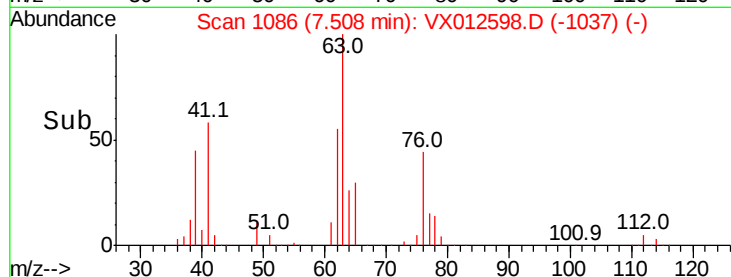
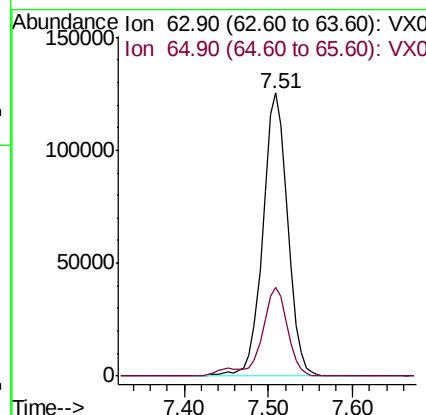
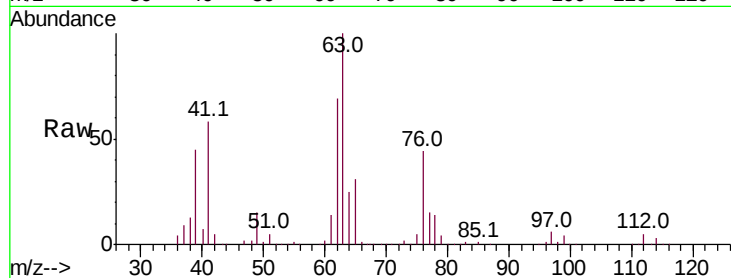




#45
 1,2-Dichloropropane
 Concen: 119.875 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

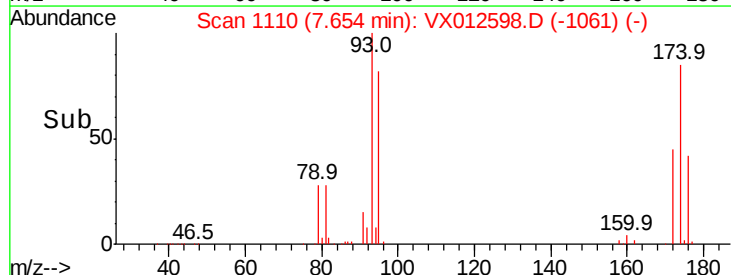
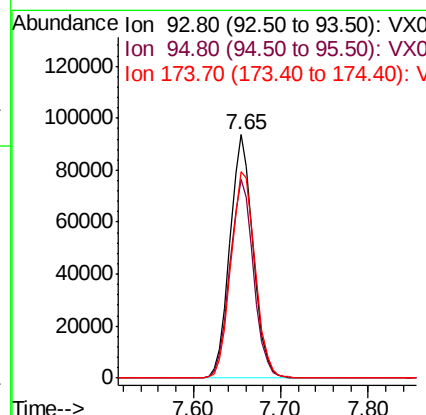
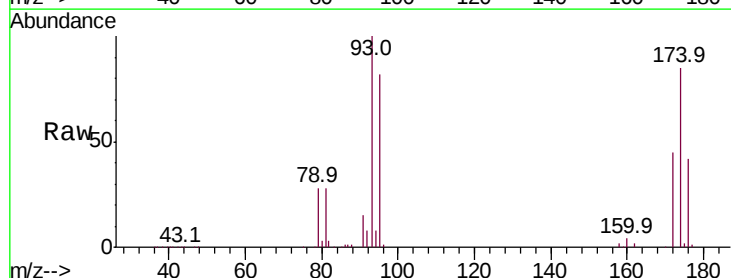
Instrument :
 MSVOA_X
 ClientSampleId :

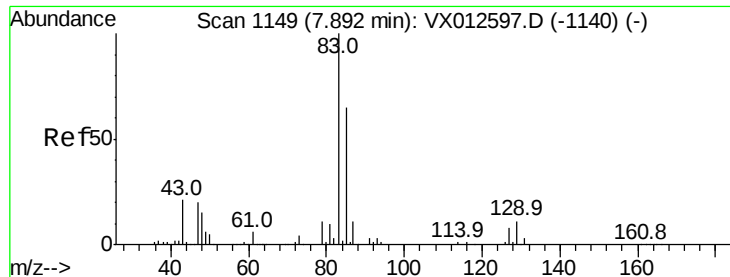
Tot Ion: 63 Resp: 254089
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 124.798 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion: 93 Resp: 172364
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.4 98.0
 174 88.8 72.0 108.0





#47

Bromodichloromethane

Concen: 118.740 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

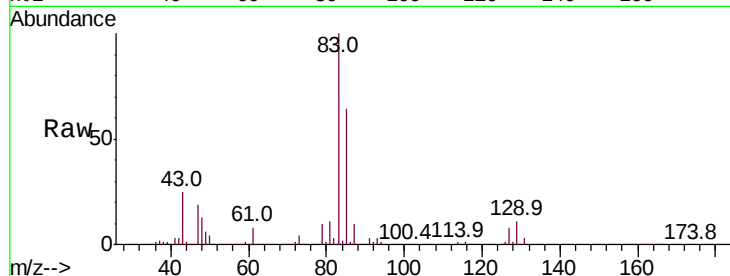
Tot Ion: 83 Resp: 358007

Ion Ratio Lower Upper

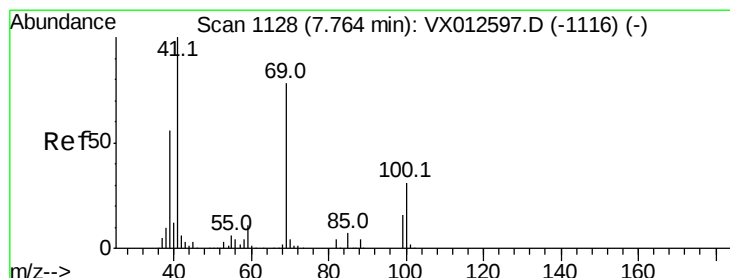
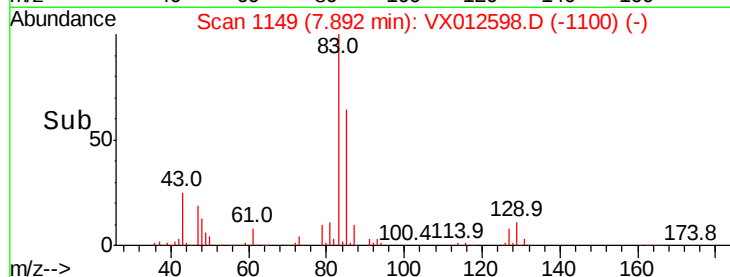
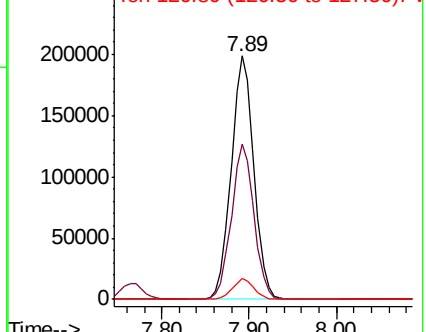
83 100

85 63.8 51.8 77.6

127 8.5 6.2 9.4



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: 117.106 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

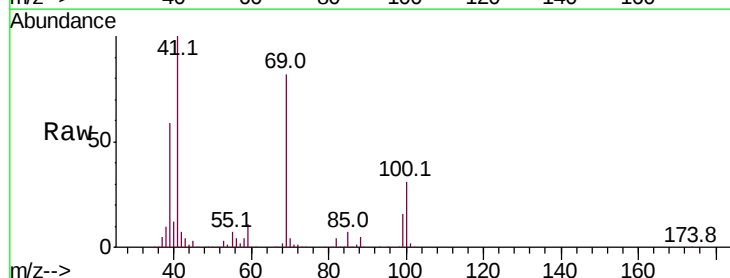
Tgt Ion: 41 Resp: 325320

Ion Ratio Lower Upper

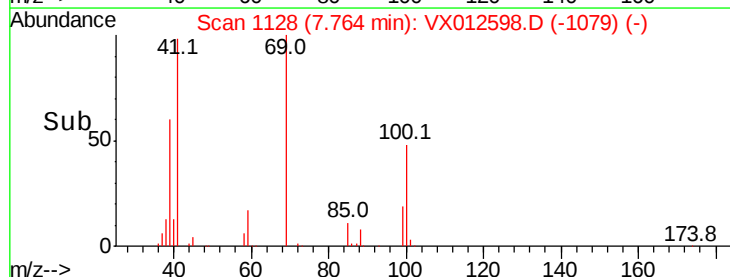
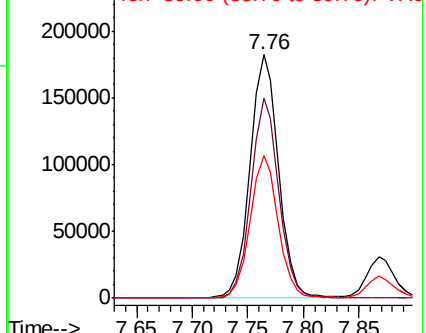
41 100

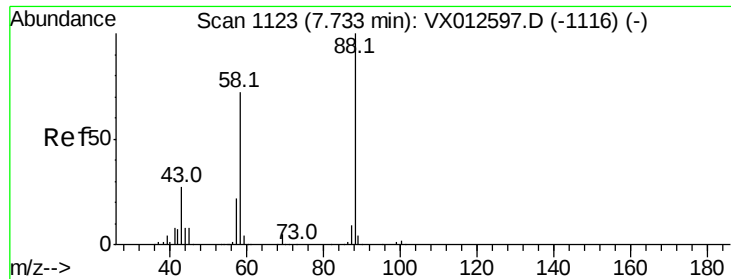
69 80.3 62.6 93.8

39 57.5 44.4 66.6



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

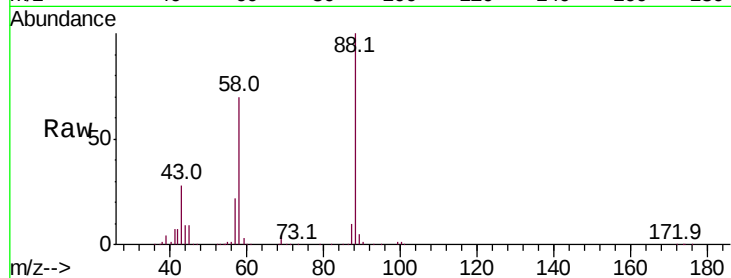




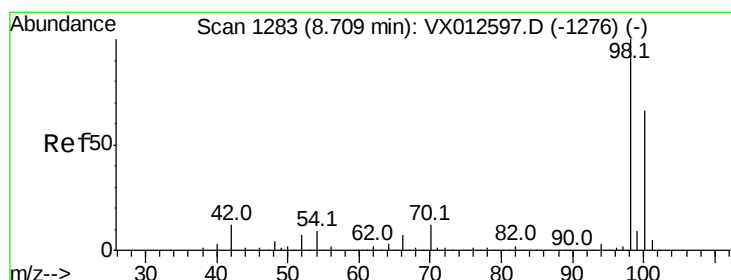
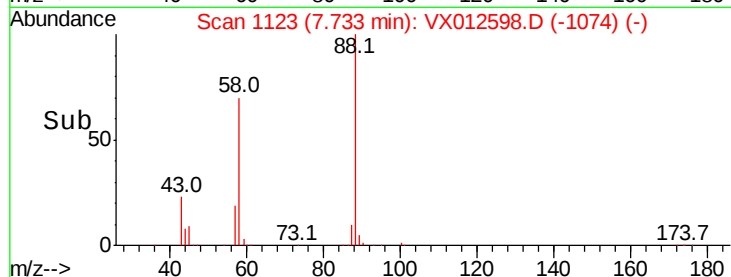
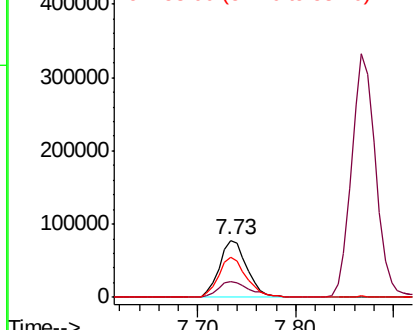
#49
1,4-Dioxane
Concen: 2254.921 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 151962
Ion Ratio Lower Upper
88 100
43 32.7 27.6 41.4
58 71.6 57.1 85.7

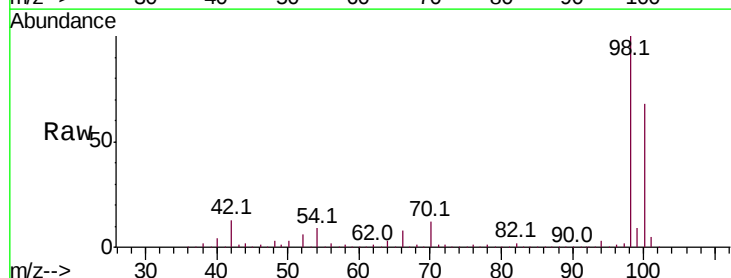


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

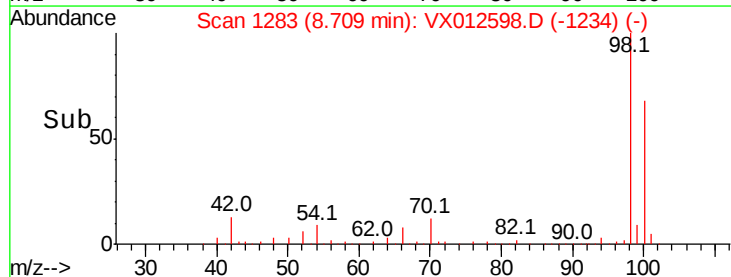
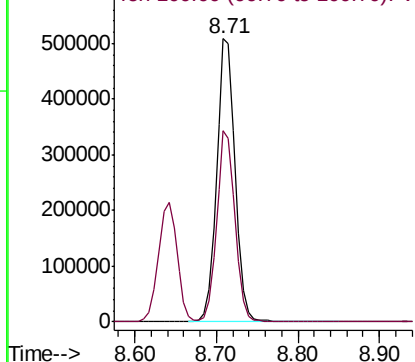


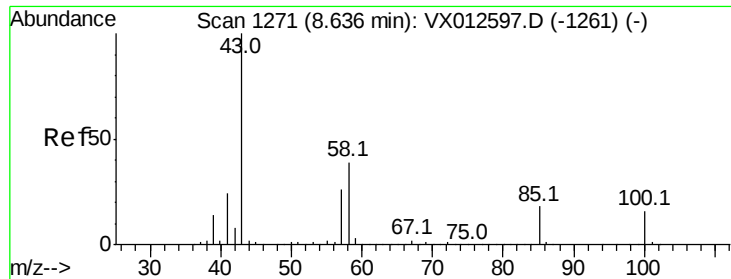
#50
Toluene-d8
Concen: 102.240 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 98 Resp: 806951
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 551.004 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

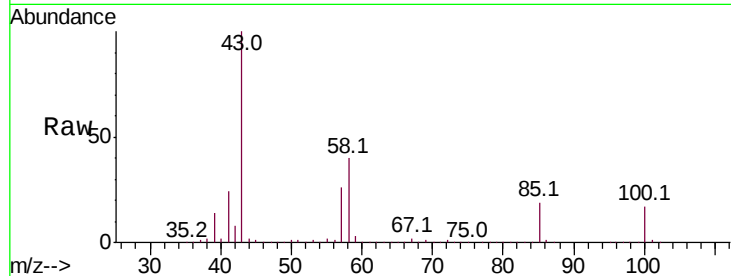
ClientSampled :

Tot Ion: 43 Resp: 2097690

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

1500000 Ion 58.00 (57.70 to 58.70): VX0

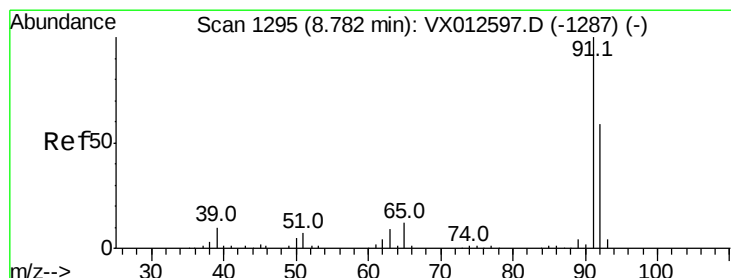
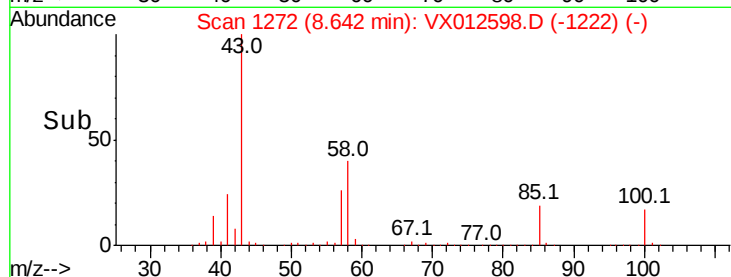
8.64

1000000

500000

0

Time-->



#52

Toluene

Concen: 136.056 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012598.D

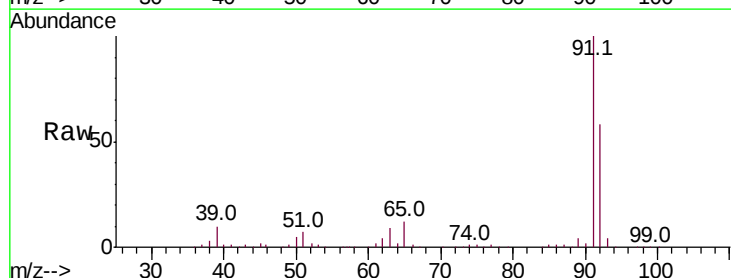
Acq: 23 Sep 2019 11:42

Tgt Ion: 92 Resp: 621792

Ion Ratio Lower Upper

92 100

91 168.5 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

800000 Ion 91.00 (90.70 to 91.70): VX0

8.78

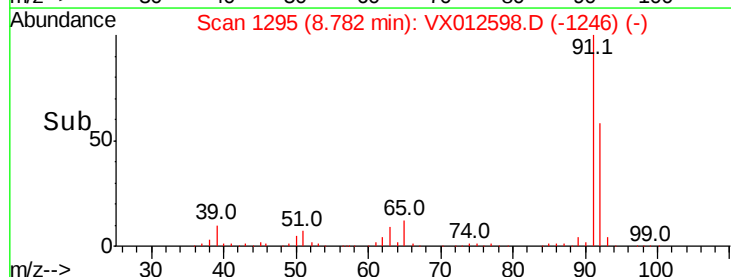
600000

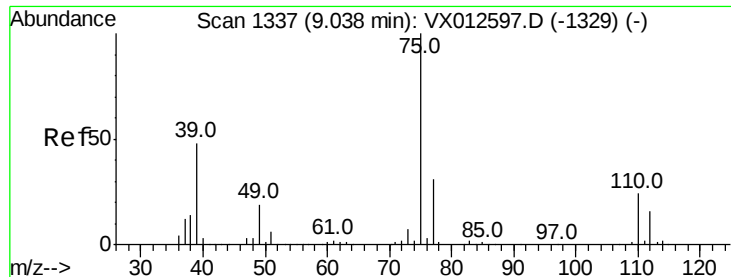
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 130.745 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

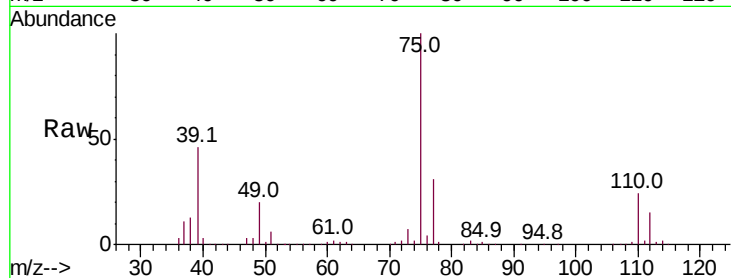
ClientSampleId :

Tot Ion: 75 Resp: 413910

Ion Ratio Lower Upper

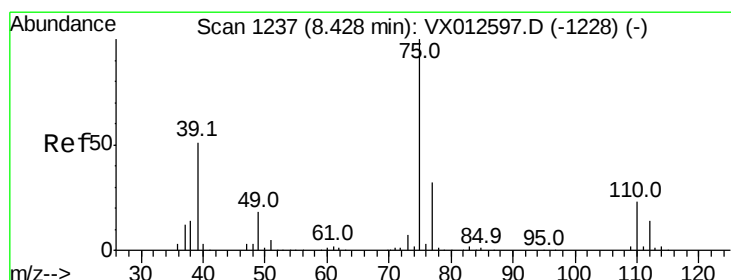
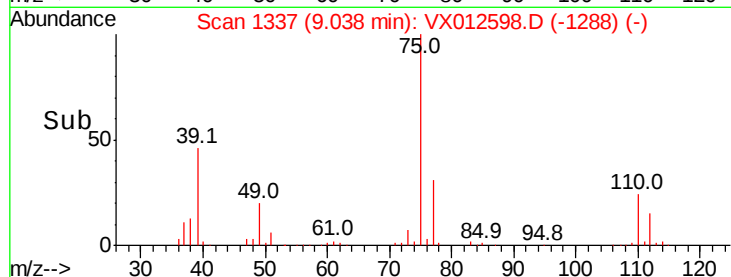
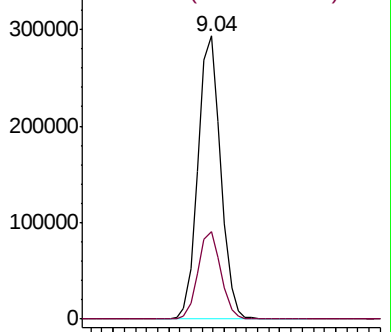
75 100

77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 132.251 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

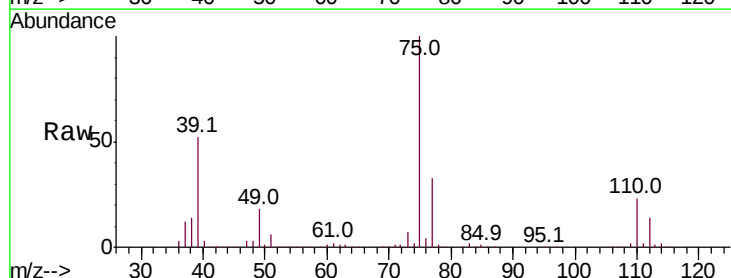
Tgt Ion: 75 Resp: 437597

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

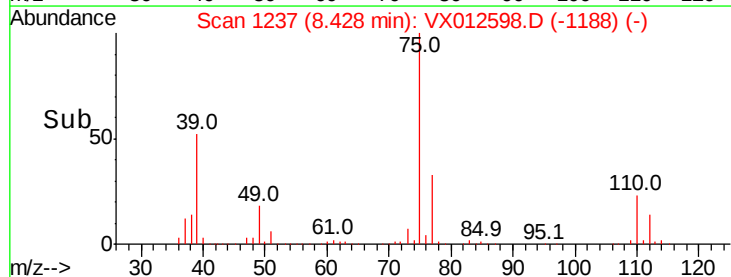
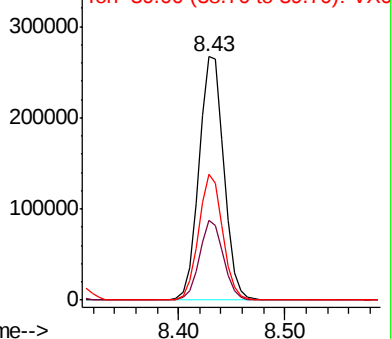
39 51.7 40.7 61.1

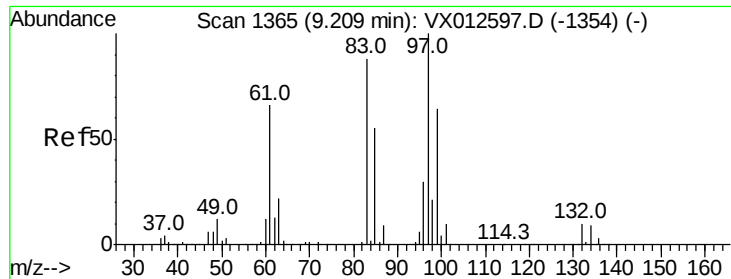


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

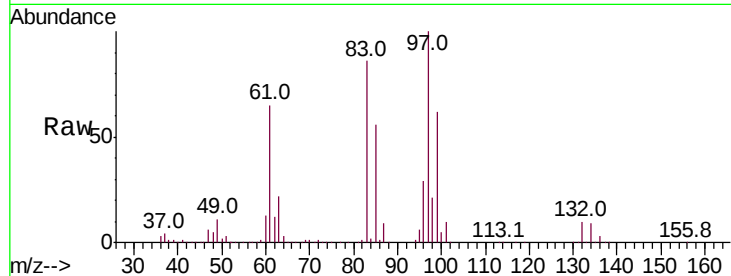




#55
 1,1,2-Trichloroethane
 Concen: 110.791 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	249438
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.5	105.7
85	56.3	43.9	65.9
99	61.7	51.2	76.8



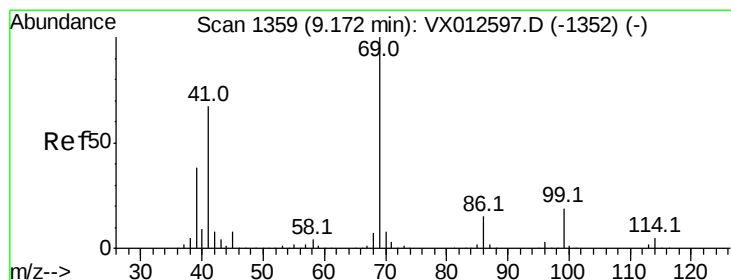
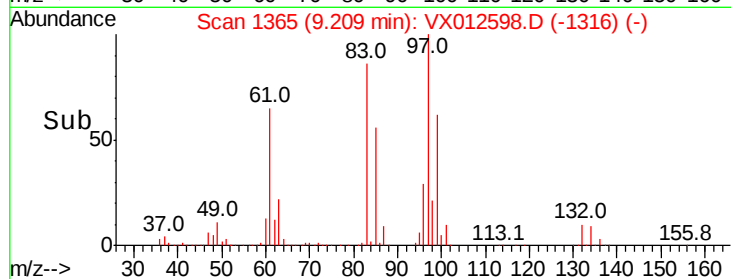
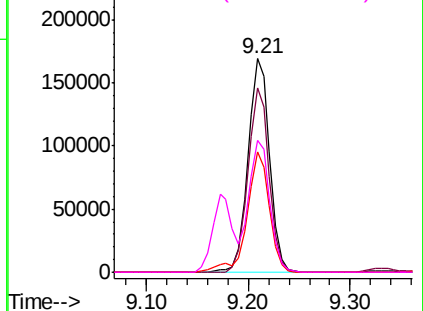
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

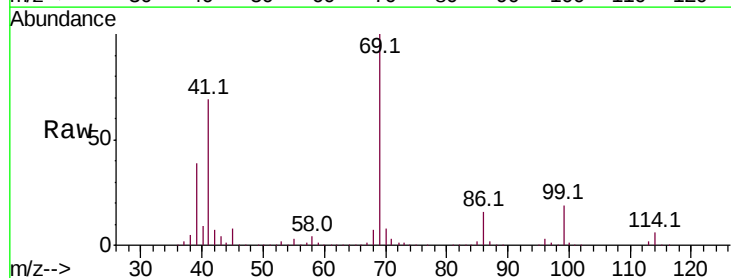
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 123.906 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:	69	Resp:	441181
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.7	82.1
39	37.9	30.6	46.0

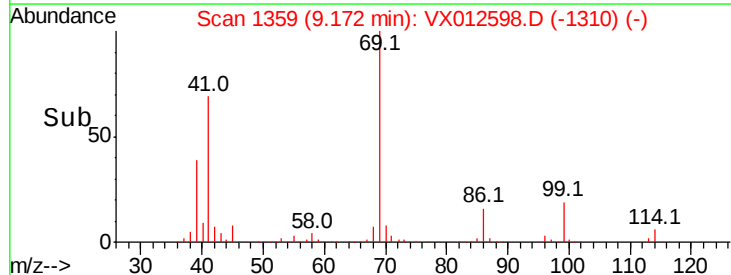
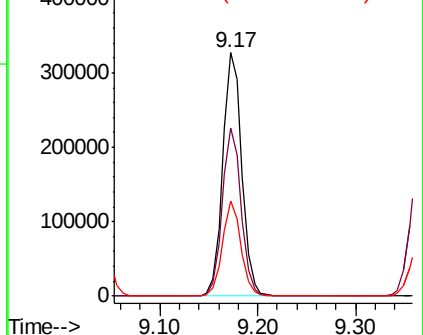


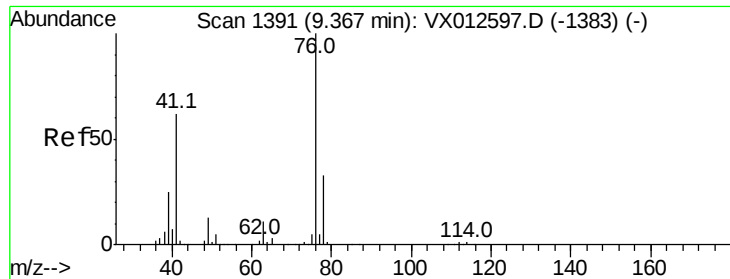
Abundance

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: 118.162 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

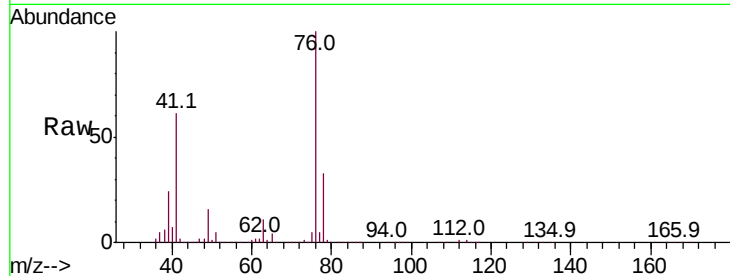
ClientSampleId :

Tot Ion: 76 Resp: 429238

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

300000

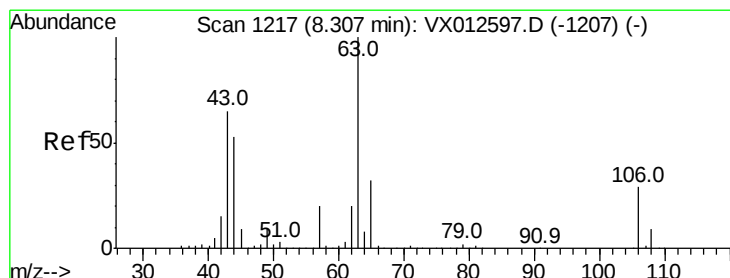
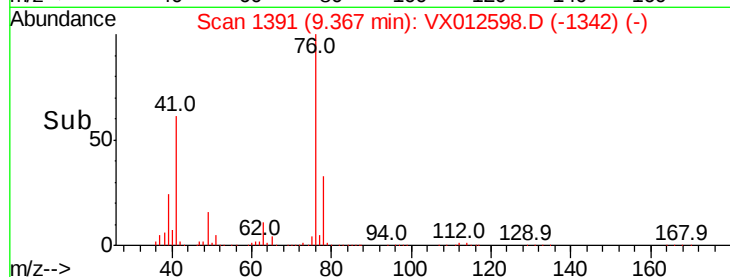
200000

100000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 546.370 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012598.D

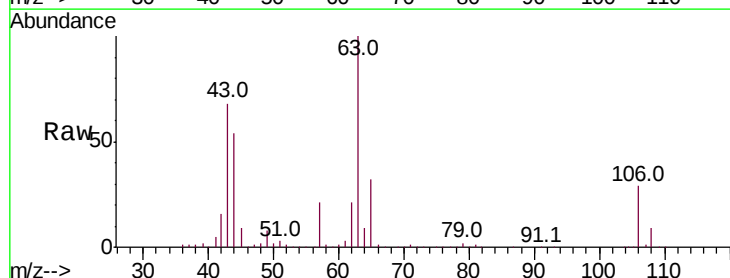
Acq: 23 Sep 2019 11:42

Tgt Ion: 63 Resp: 995269

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

600000

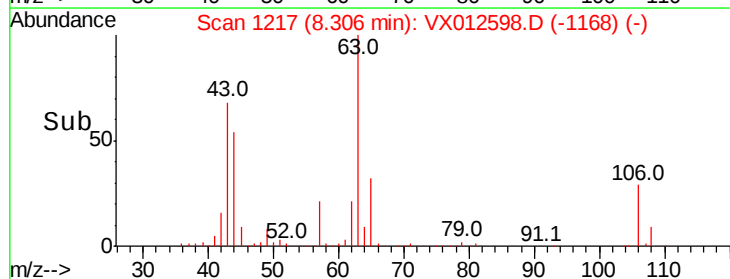
400000

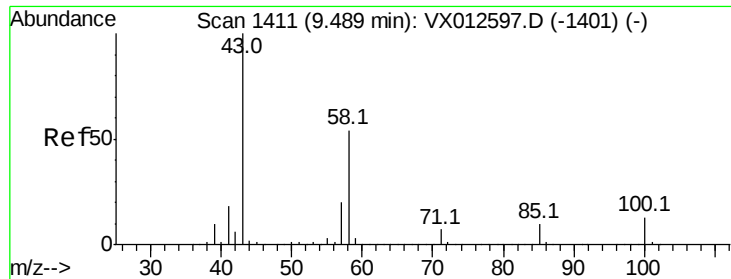
200000

0

8.20 8.30 8.40

Time-->

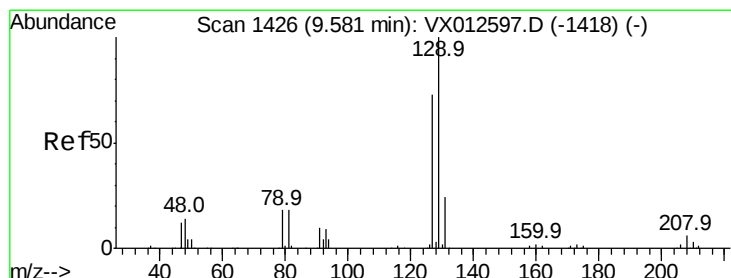
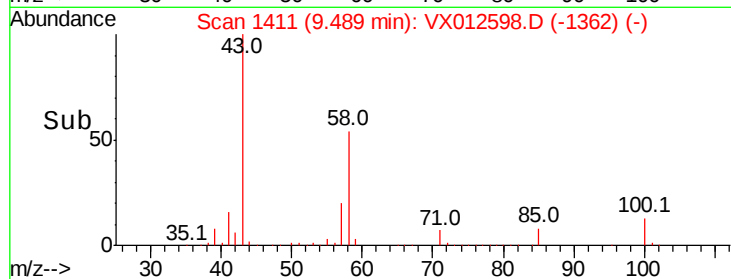
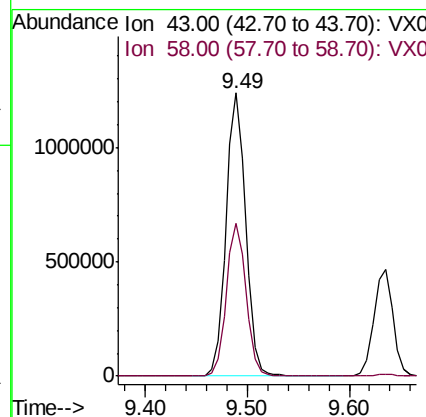
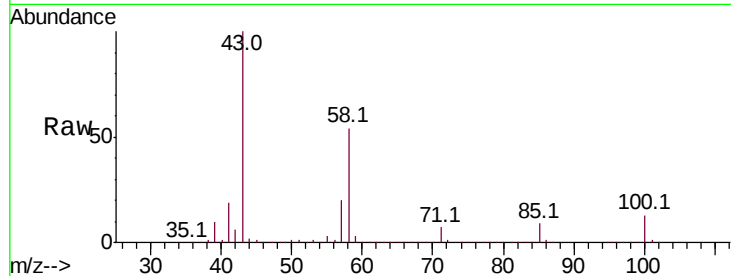




#59
2-Hexanone
Concen: 558.090 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

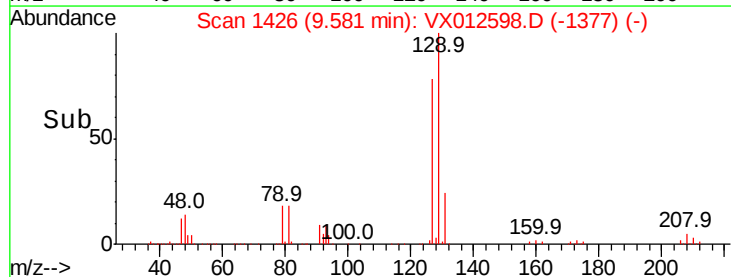
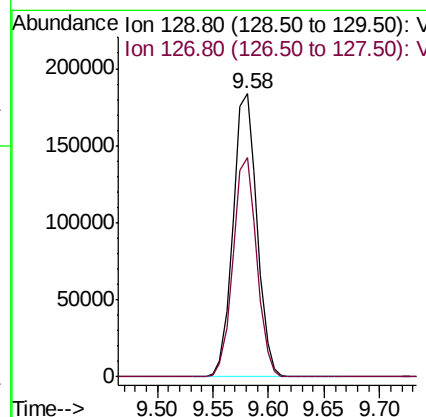
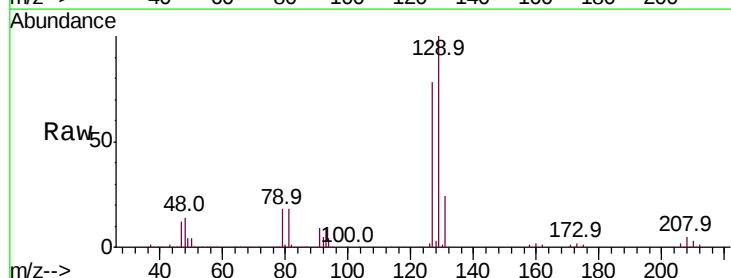
Instrument :
MSVOA_X
ClientSampleId :

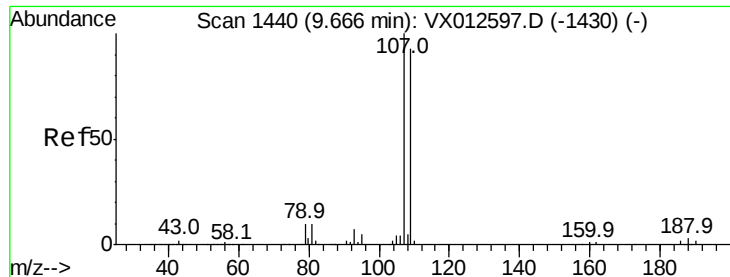
Tot Ion: 43 Resp: 1659486
Ion Ratio Lower Upper
43 100
58 54.1 26.8 80.4



#60
Dibromochloromethane
Concen: 119.498 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 129 Resp: 272351
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 126.562 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

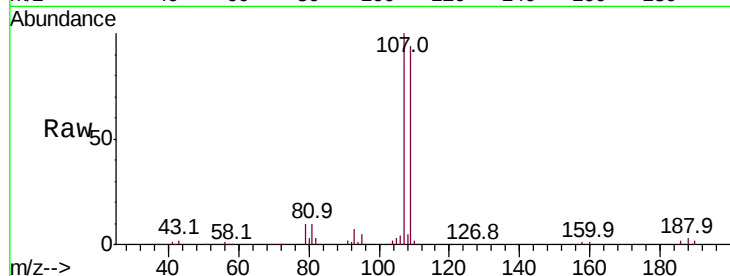
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 264745

Ion Ratio Lower Upper

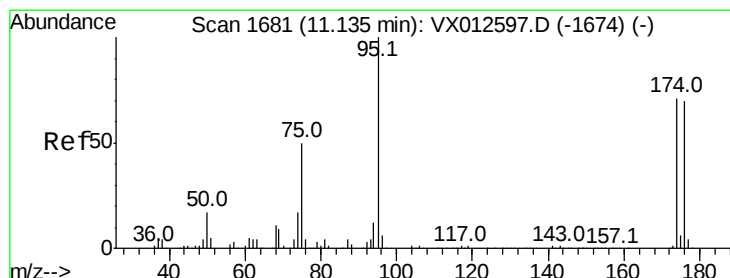
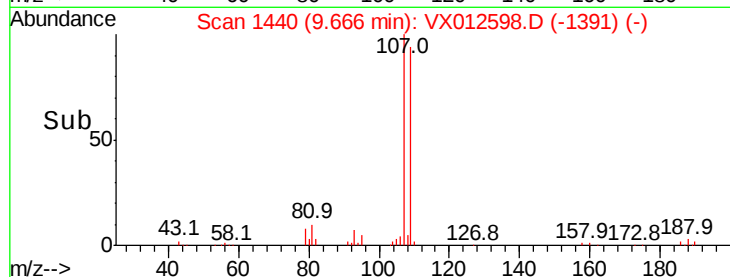
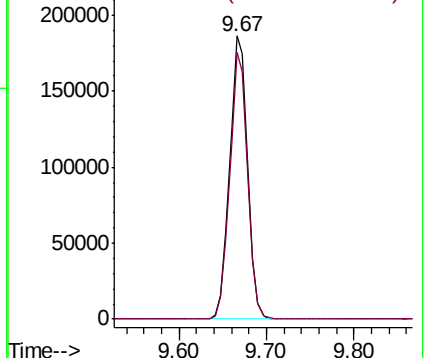
107 100

109 93.8 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 102.038 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

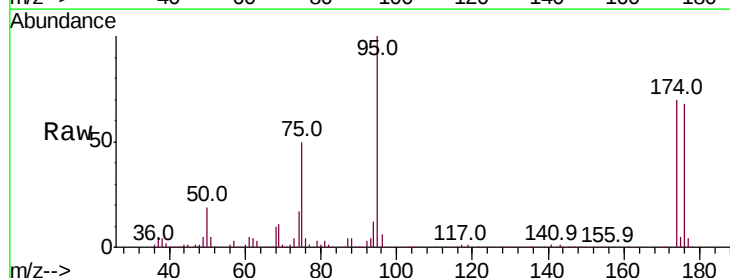
Tgt Ion: 95 Resp: 330882

Ion Ratio Lower Upper

95 100

174 68.3 0.0 134.6

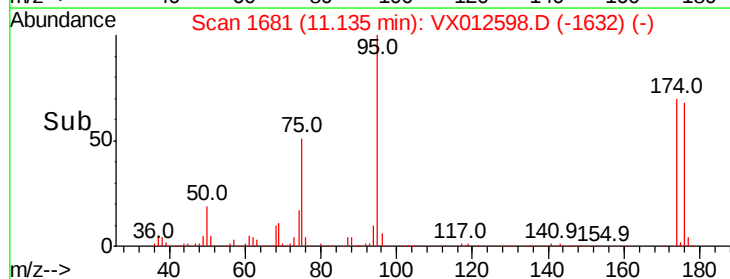
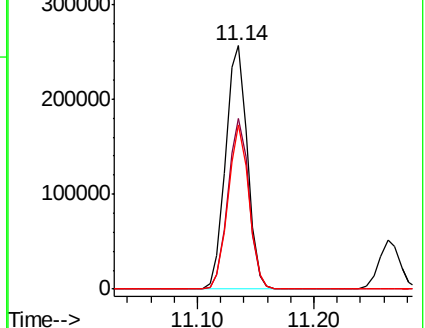
176 65.6 0.0 132.2

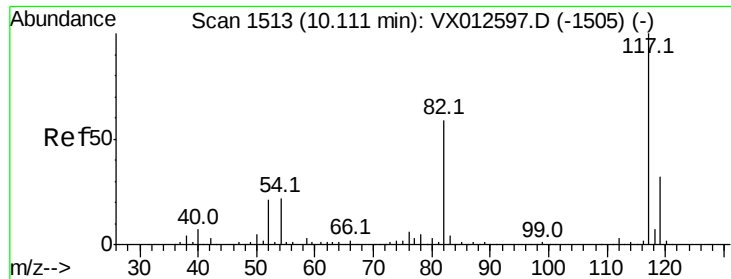


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

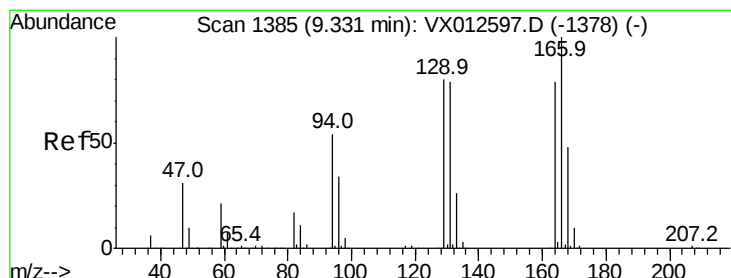
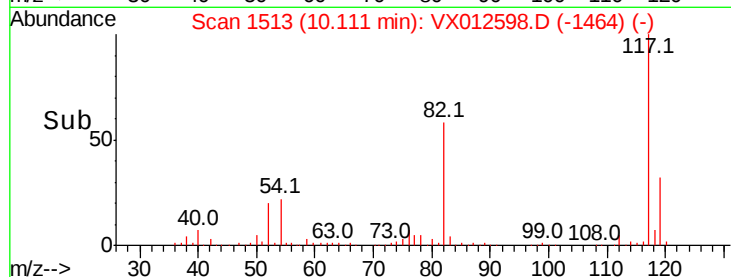
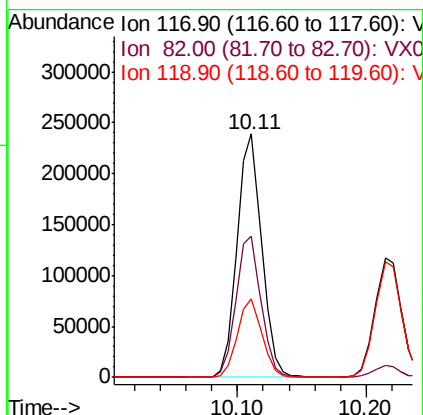
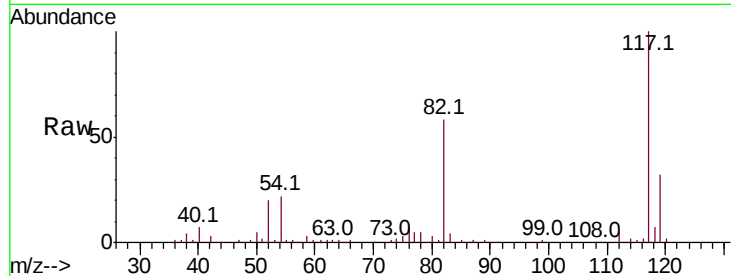




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

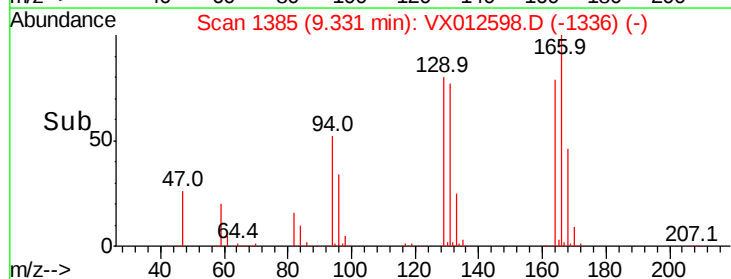
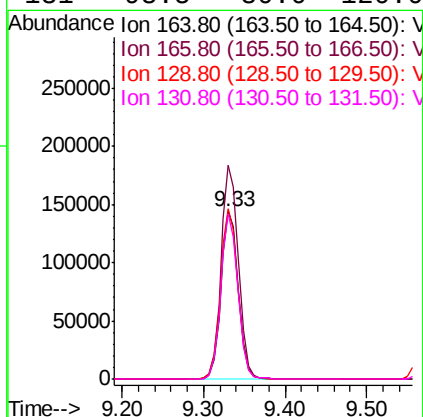
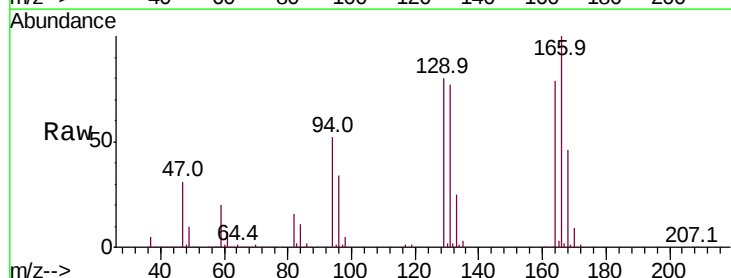
Instrument :
MSVOA_X
ClientSampleId :

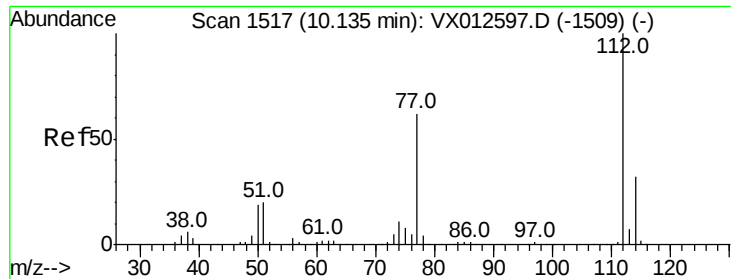
Tot Ion:117 Resp: 318048
Ion Ratio Lower Upper
117 100
82 58.2 47.0 70.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 136.369 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:164 Resp: 211527
Ion Ratio Lower Upper
164 100
166 127.4 101.3 151.9
129 101.6 81.1 121.7
131 98.5 80.0 120.0

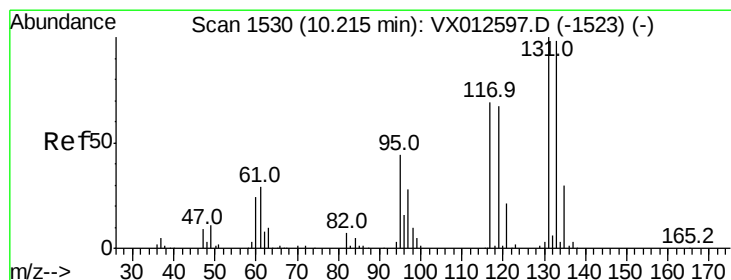
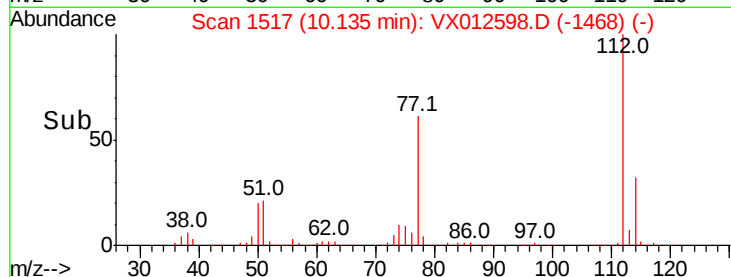
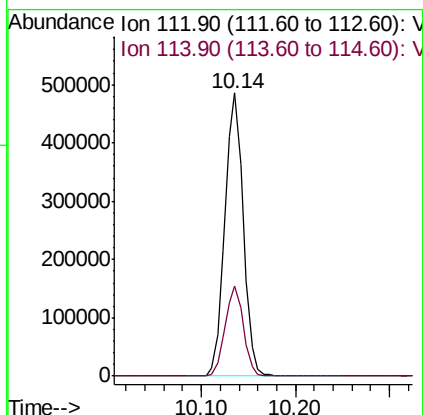
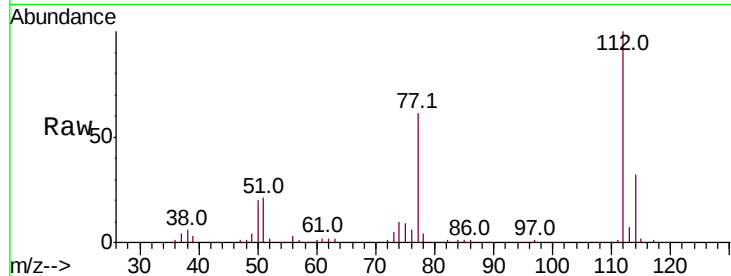




#65
Chlorobenzene
Concen: 121.740 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

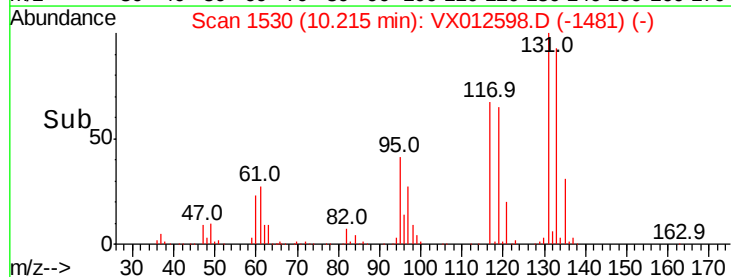
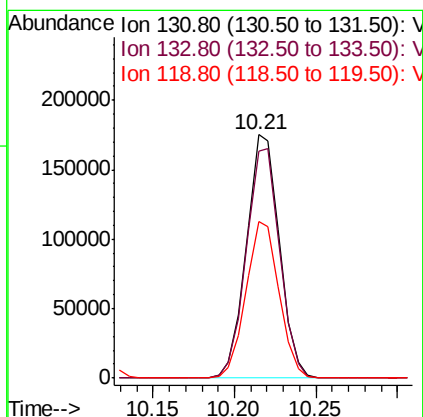
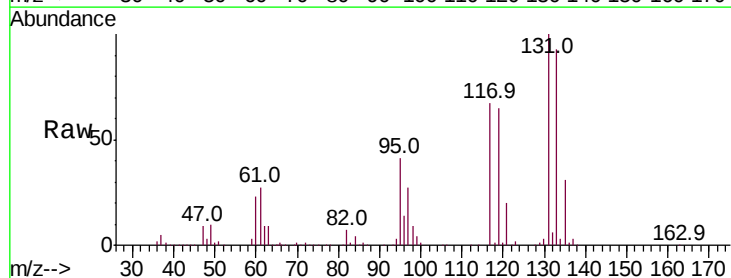
Instrument :
MSVOA_X
ClientSampled :

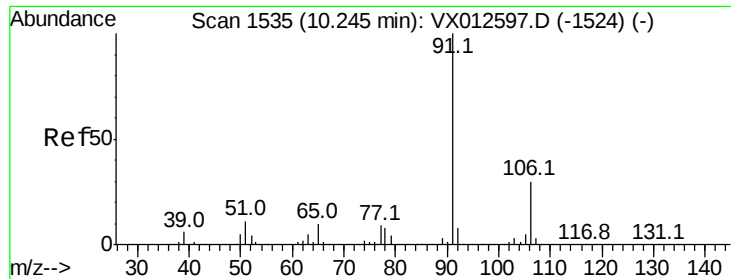
Tot Ion:112 Resp: 658636
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 113.010 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:131 Resp: 246723
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.6 33.0 99.0

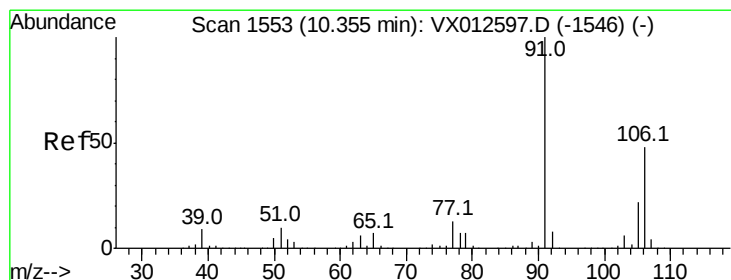
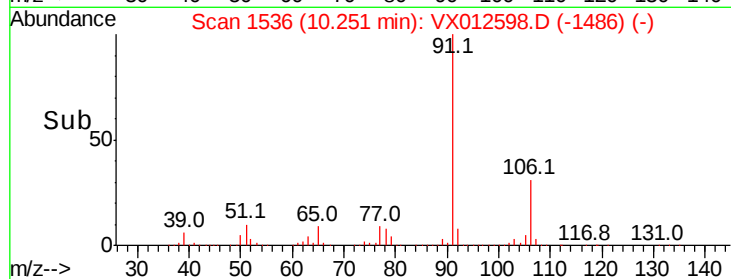
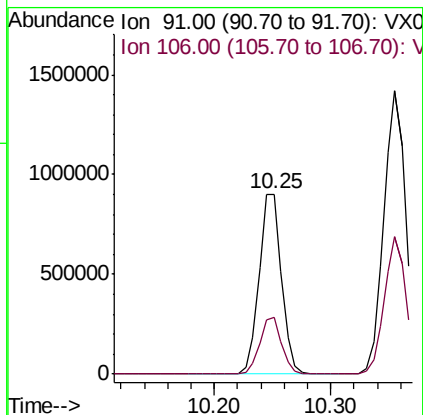
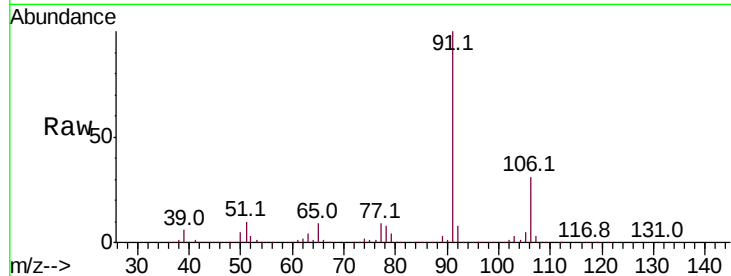




#67
Ethyl Benzene
Concen: 129.395 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

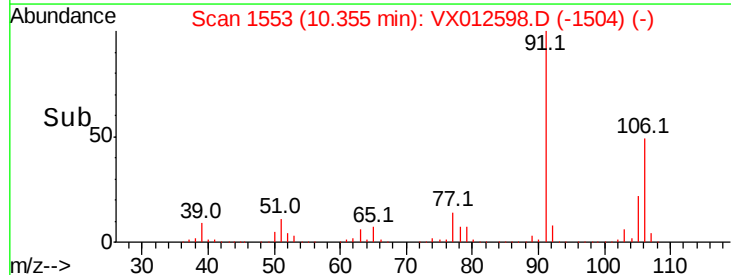
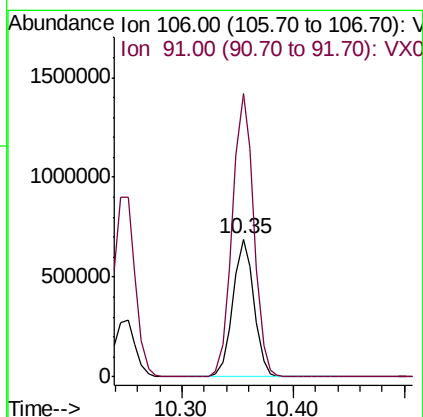
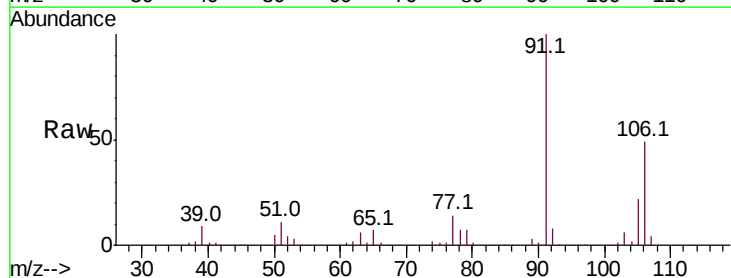
Instrument :
MSVOA_X
ClientSampleId :

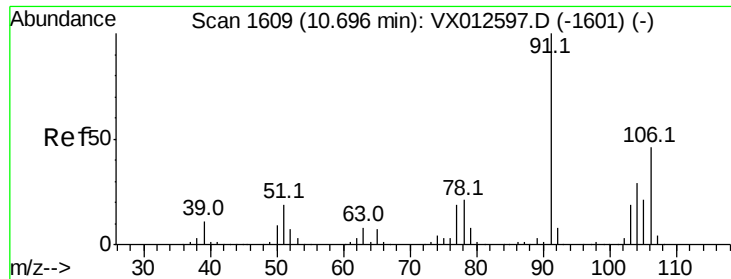
Tot Ion: 91 Resp: 1212269
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6



#68
m/p-Xylenes
Concen: 262.970 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:106 Resp: 902135
Ion Ratio Lower Upper
106 100
91 209.2 167.3 250.9

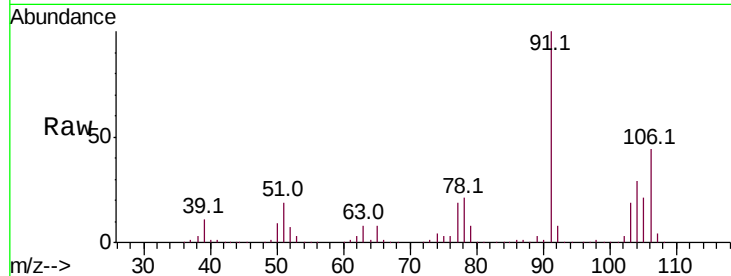




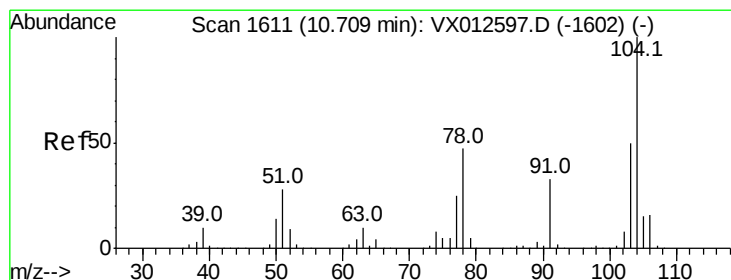
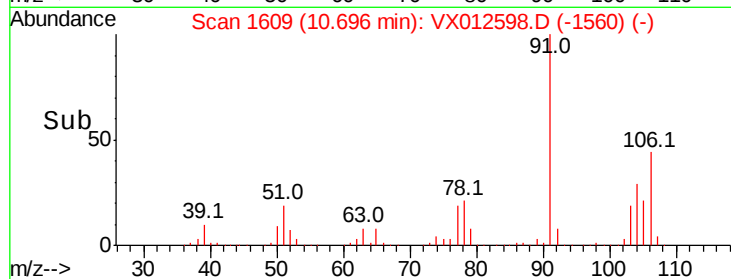
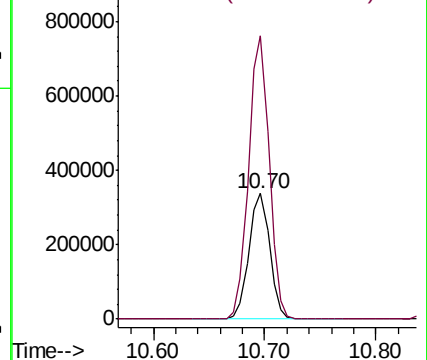
#69
o-Xylene
Concen: 126.132 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 438921
Ion Ratio Lower Upper
106 100
91 222.7 110.3 331.0

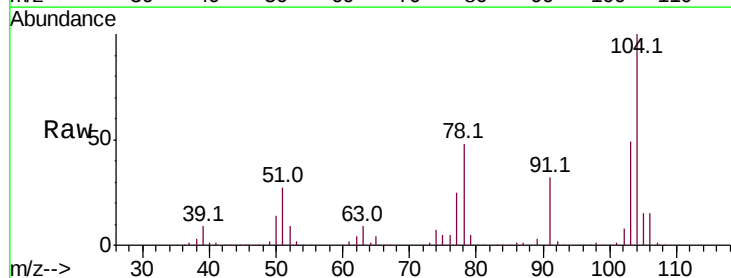


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

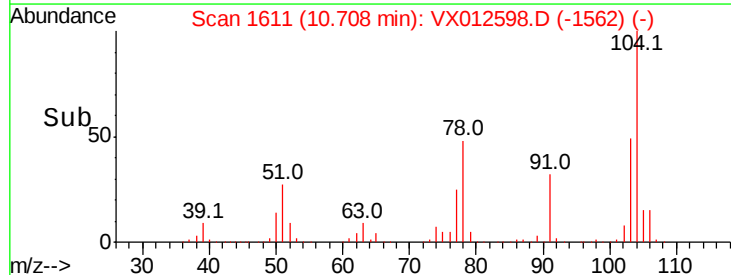
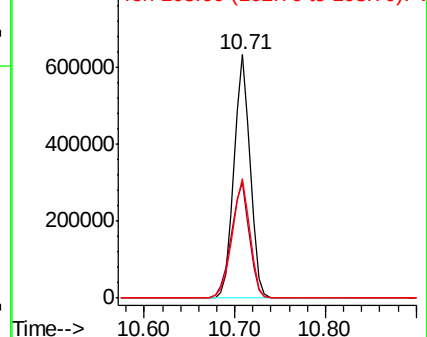


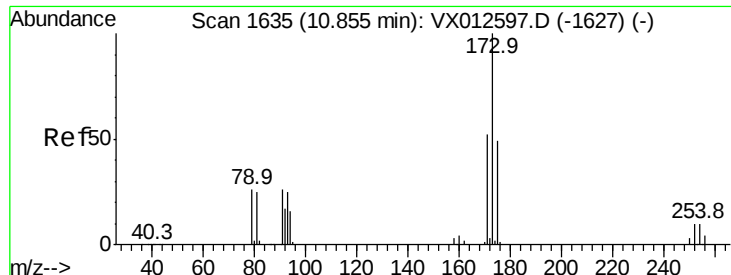
#70
Styrene
Concen: 128.488 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:104 Resp: 785669
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.2
103 53.6 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 121.408 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

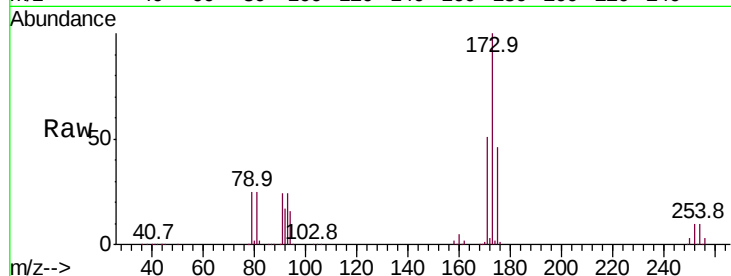
Tot Ion:173 Resp: 195514

Ion Ratio Lower Upper

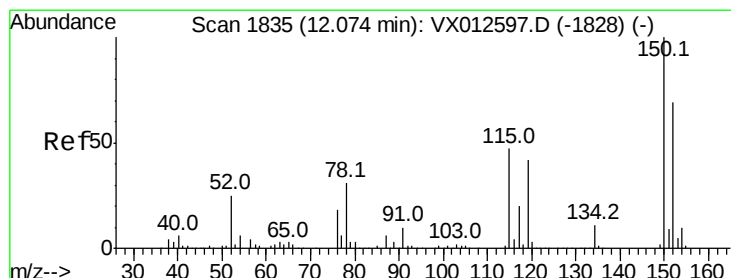
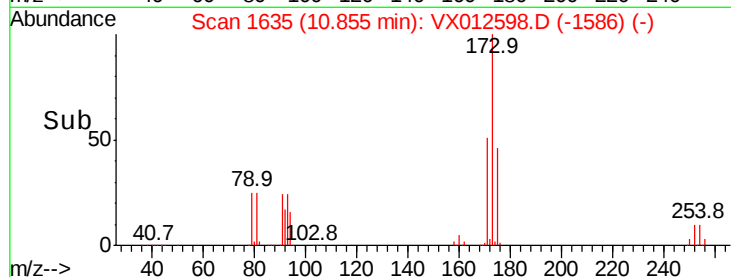
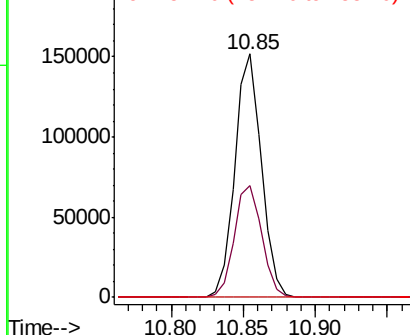
173 100

175 47.6 24.6 73.8

254 0.1 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: VX012598.D

Acq: 23 Sep 2019 11:42

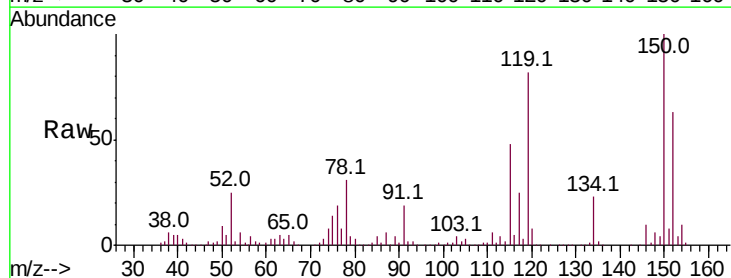
Tgt Ion:152 Resp: 150904

Ion Ratio Lower Upper

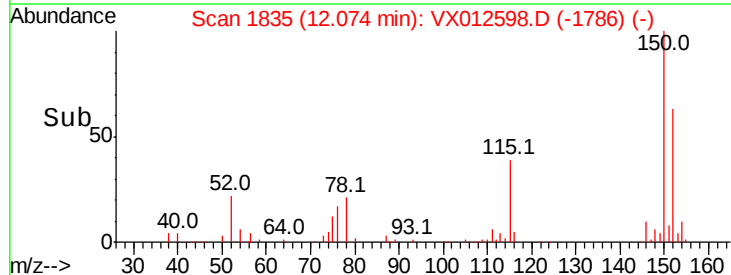
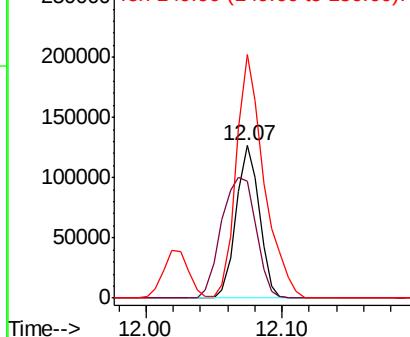
152 100

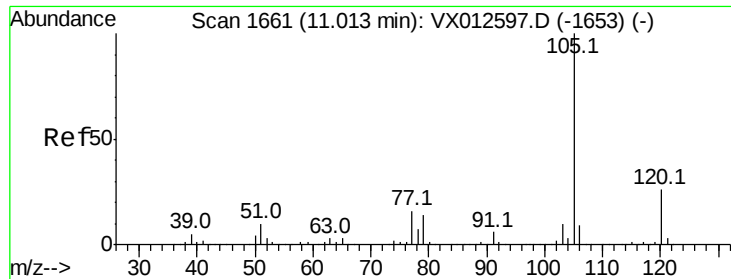
115 117.3 45.2 135.6

150 190.3 0.0 346.2



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

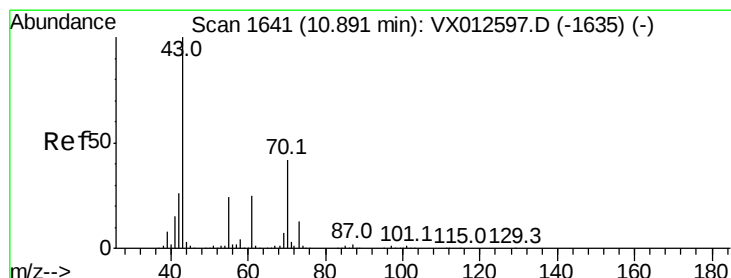
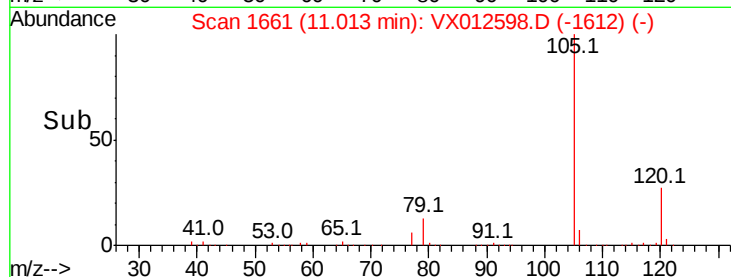
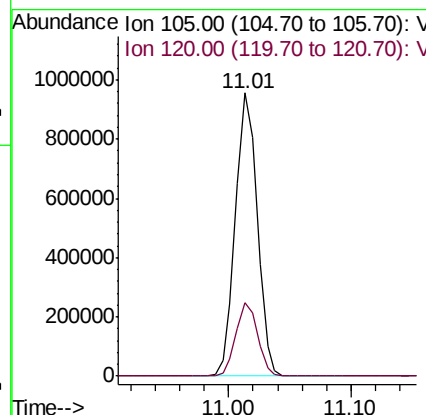
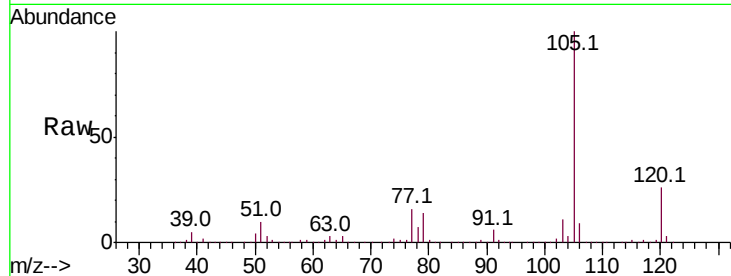




#73
Isopropylbenzene
Concen: 120.950 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

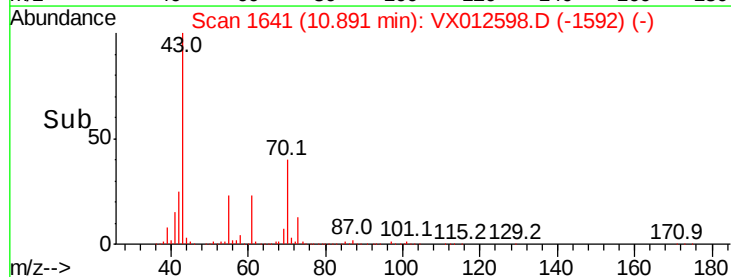
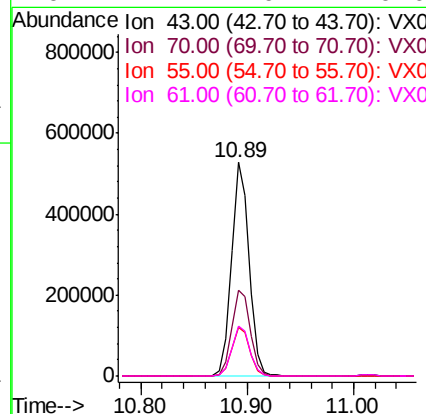
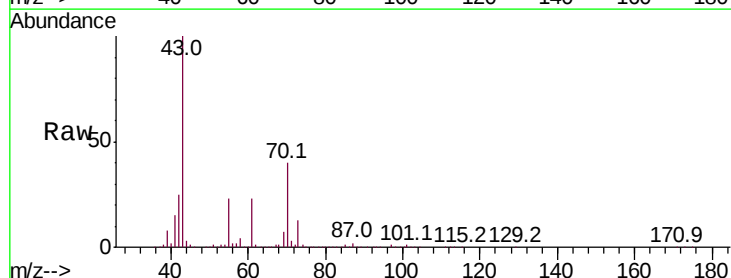
Instrument :
MSVOA_X
ClientSampleId :

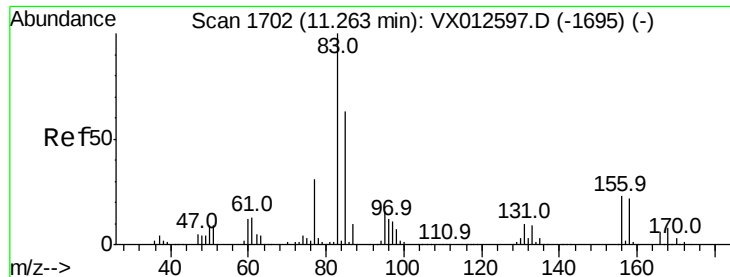
Tot Ion:105 Resp: 1178959
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 118.479 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 43 Resp: 609467
Ion Ratio Lower Upper
43 100
70 42.3 33.8 50.8
55 23.3 19.2 28.8
61 24.1 19.4 29.0

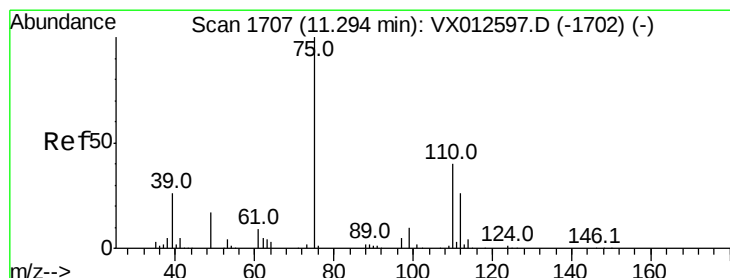
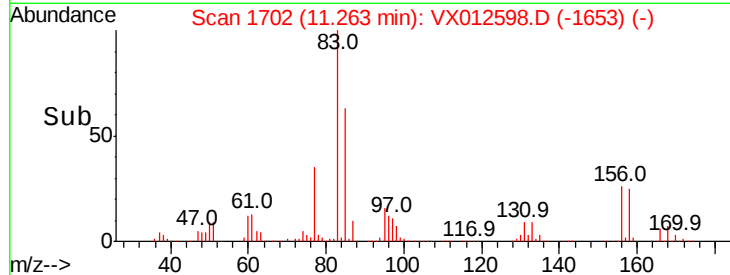
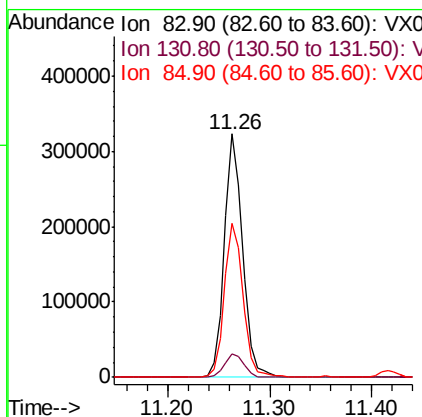
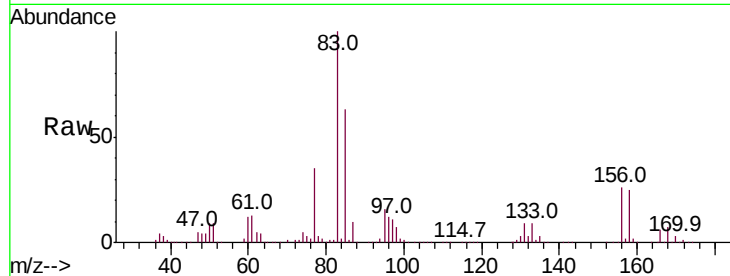




#75
 1,1,2,2-Tetrachloroethane
 Concen: 108.254 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

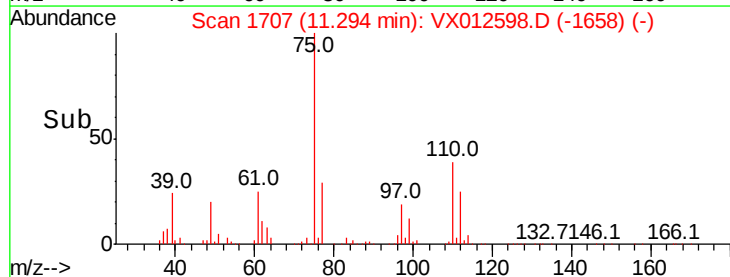
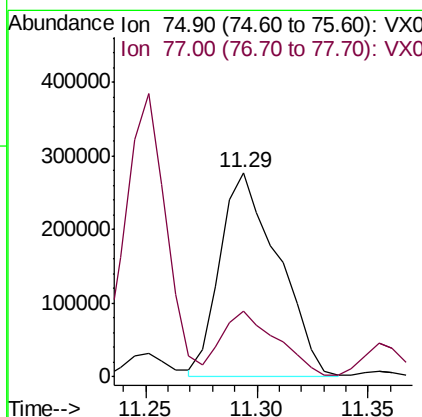
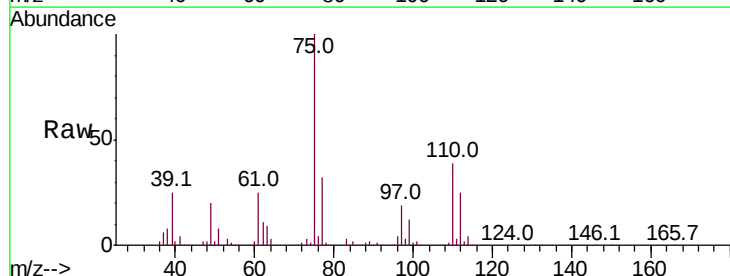
Instrument :
 MSVOA_X
 ClientSampleId :

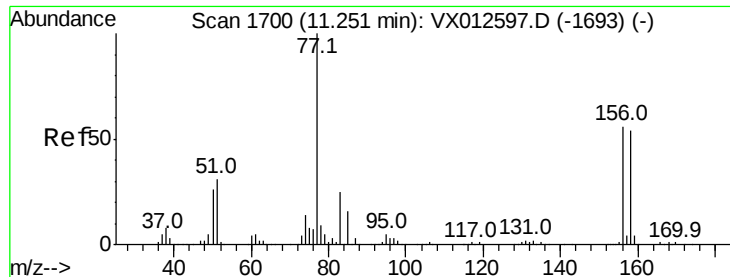
Tot Ion: 83 Resp: 402542
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.4
 85 64.7 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 144.363 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion: 75 Resp: 504033
 Ion Ratio Lower Upper
 75 100
 77 30.9 19.3 57.8





#77

Bromobenzene

Concen: 116.542 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

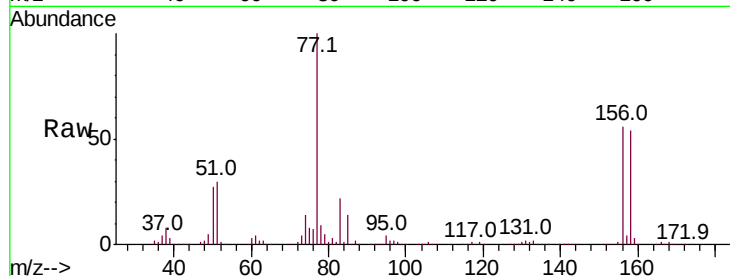
Tot Ion:156 Resp: 273388

Ion Ratio Lower Upper

156 100

77 179.7 91.2 273.6

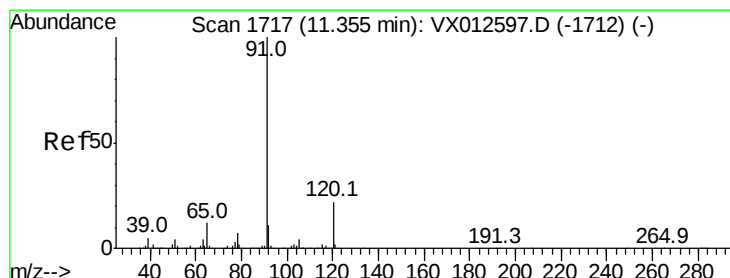
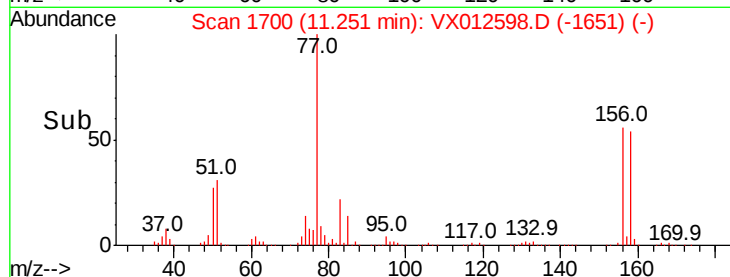
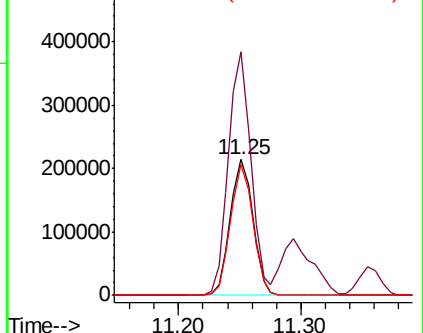
158 95.6 48.0 144.2



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: 126.186 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012598.D

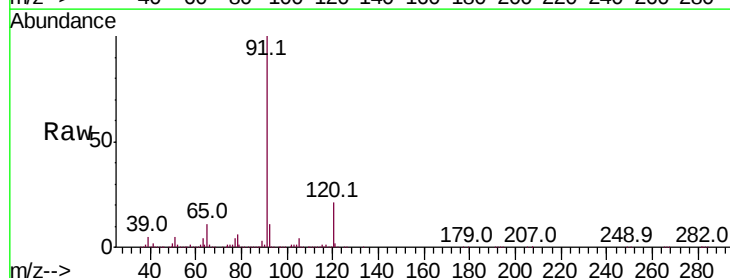
Acq: 23 Sep 2019 11:42

Tgt Ion: 91 Resp: 1371151

Ion Ratio Lower Upper

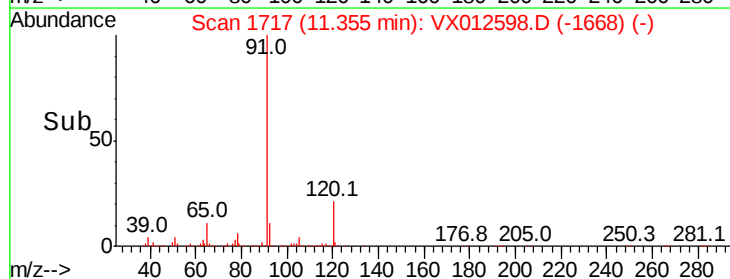
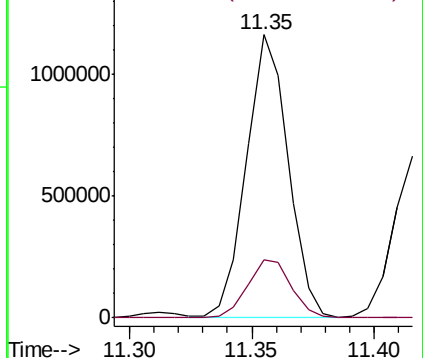
91 100

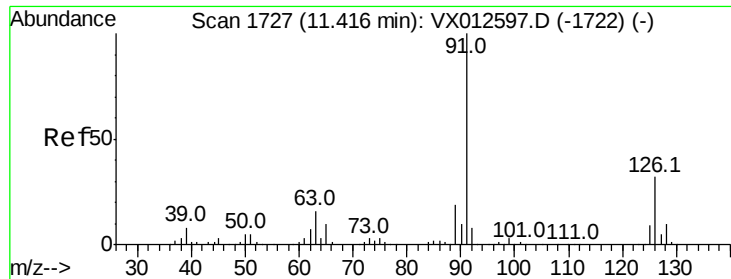
120 21.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

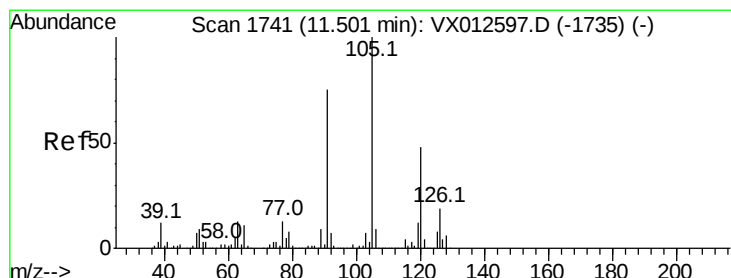
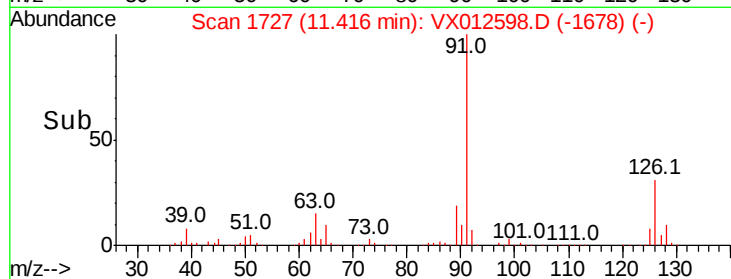
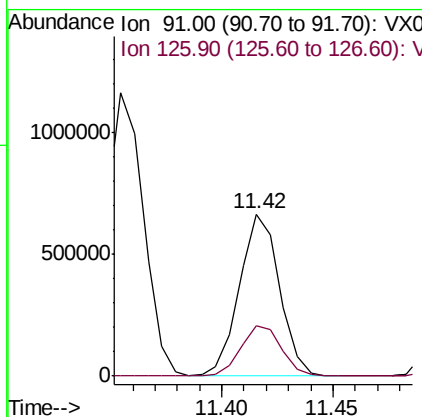
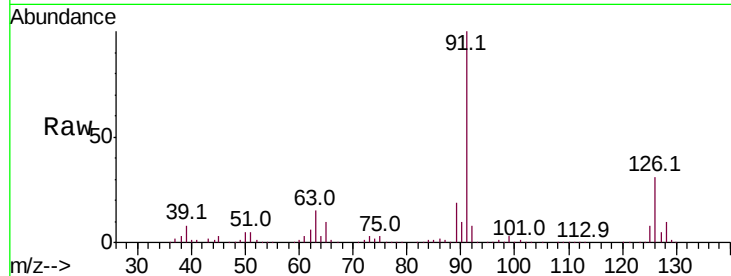




#79
 2-Chlorotoluene
 Concen: 118.321 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

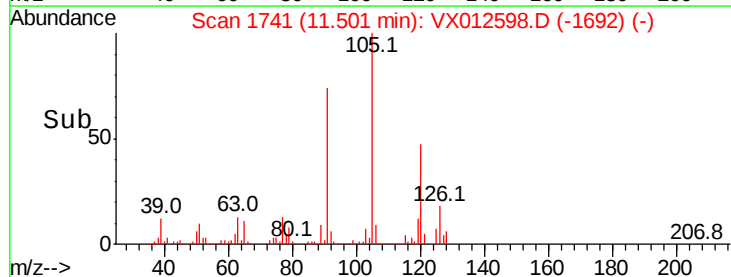
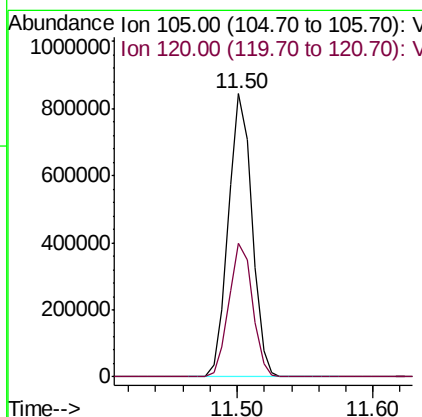
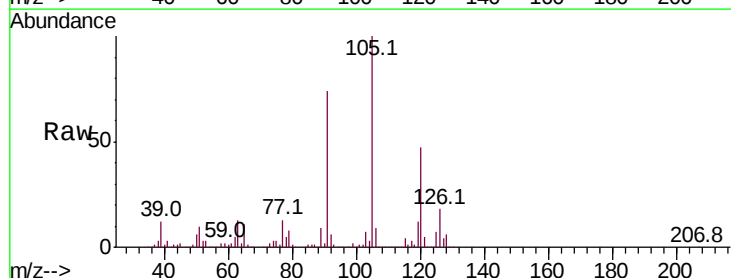
Instrument :
 MSVOA_X
 ClientSampleId :

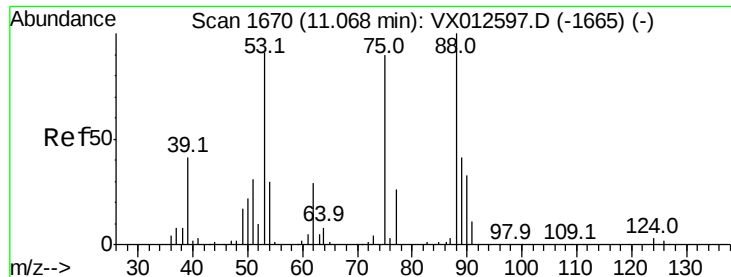
Tot Ion: 91 Resp: 833016
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 122.839 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion:105 Resp: 1017700
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.2

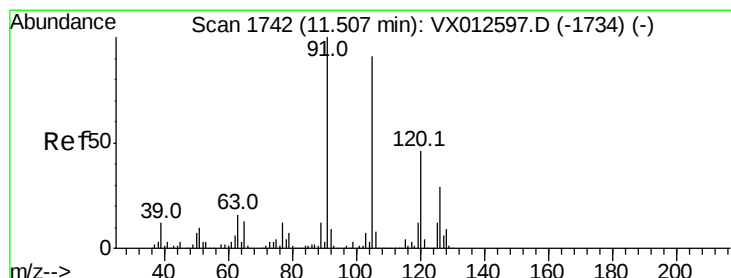
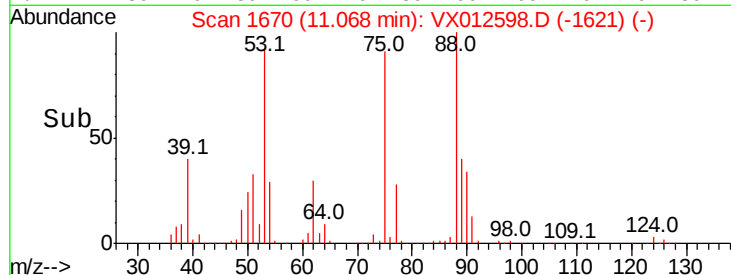
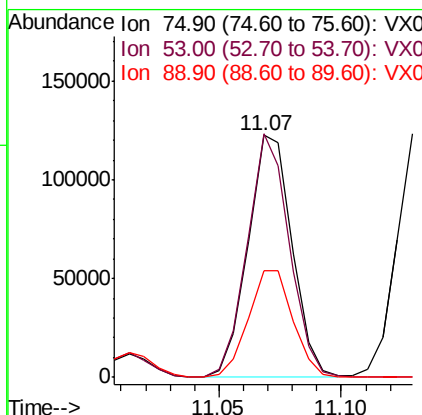
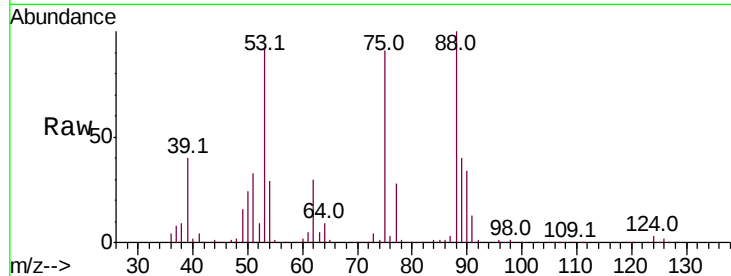




#81
trans-1,4-Dichloro-2-butene
Concen: 128.999 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

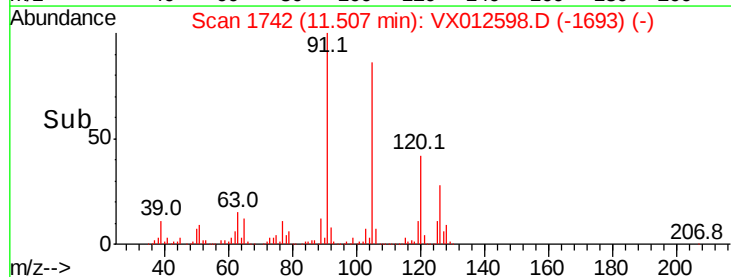
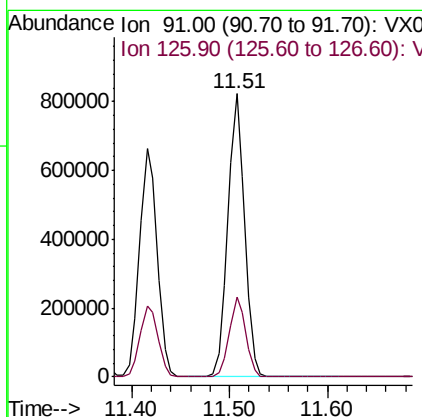
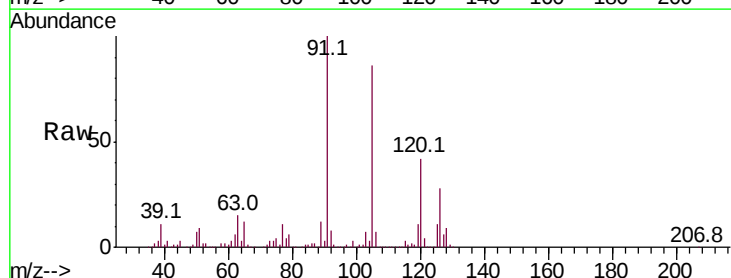
Instrument :
MSVOA_X
ClientSampleId :

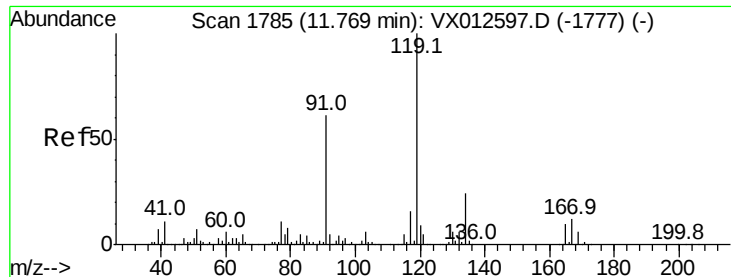
Tot Ion: 75 Resp: 153313
Ion Ratio Lower Upper
75 100
53 96.3 79.5 119.3
89 45.1 36.8 55.2



#82
4-Chlorotoluene
Concen: 121.232 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion: 91 Resp: 978532
Ion Ratio Lower Upper
91 100
126 27.9 13.9 41.7

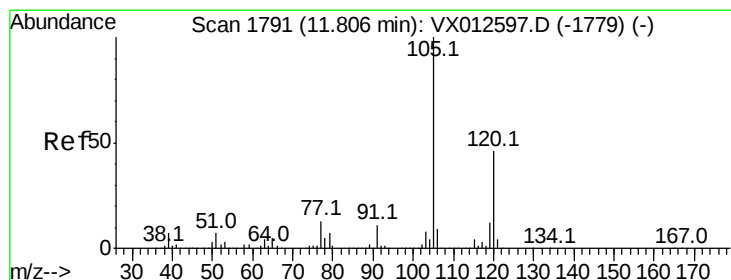
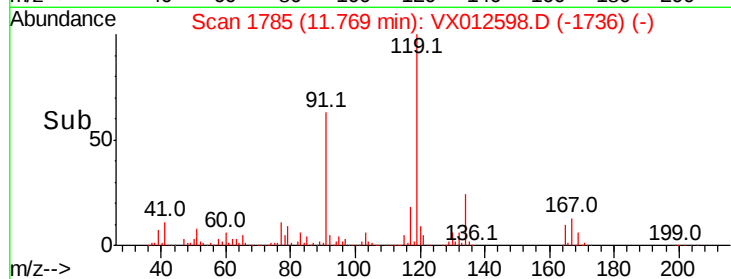
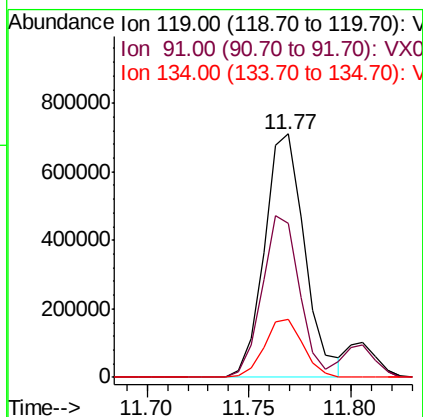
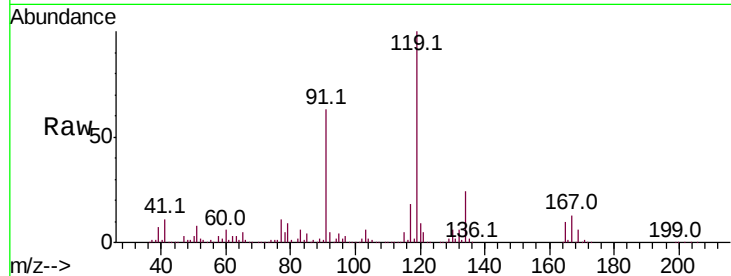




#83
tert-Butylbenzene
Concen: 112.272 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

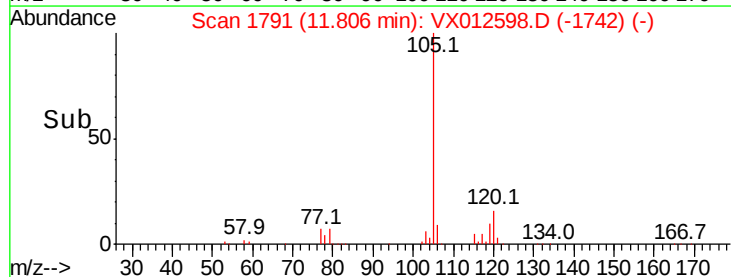
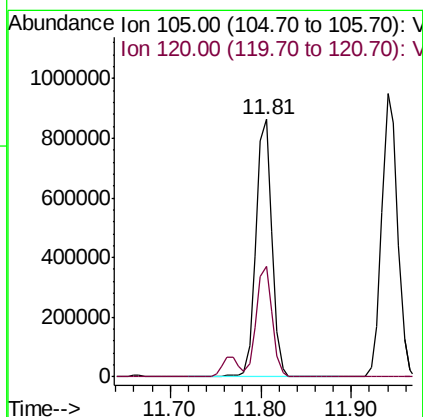
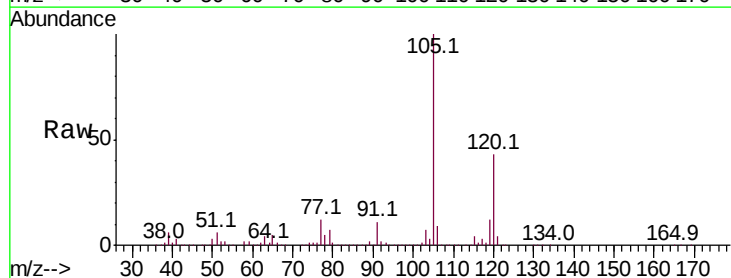
Instrument :
MSVOA_X
ClientSampled :

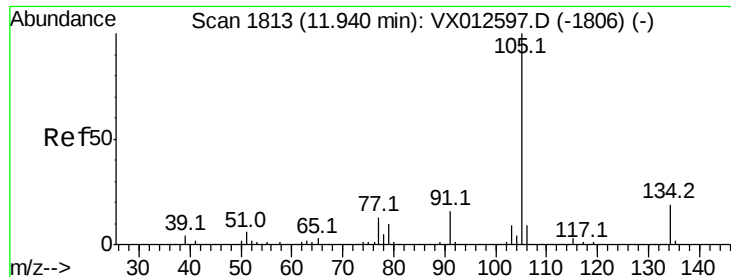
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	31.1	93.5
134	22.8	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 123.738 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 118.450 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

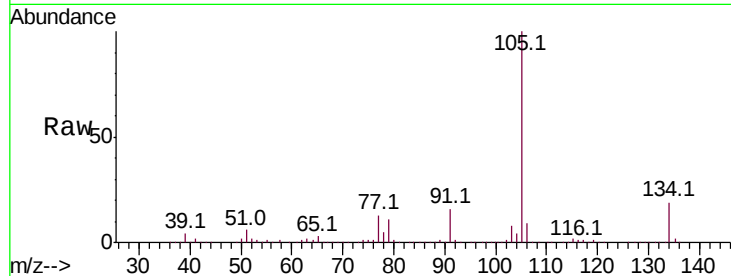
ClientSampled :

Tot Ion:105 Resp: 1148263

Ion Ratio Lower Upper

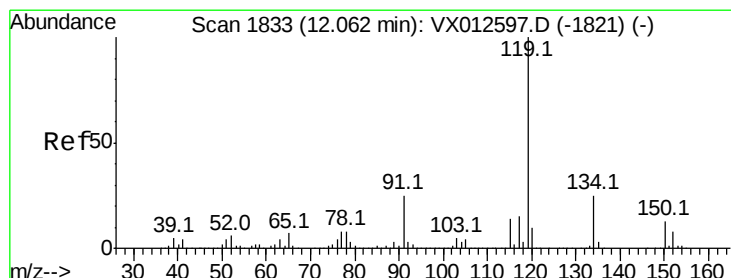
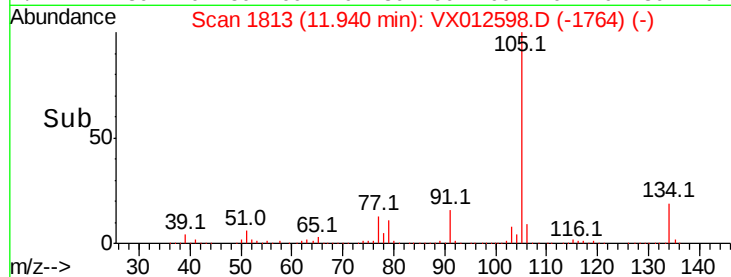
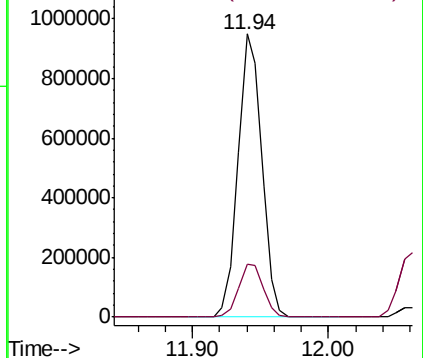
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 119.980 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

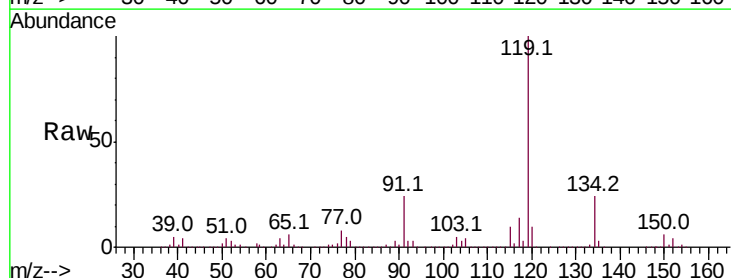
Tgt Ion:119 Resp: 1066589

Ion Ratio Lower Upper

119 100

134 24.6 12.4 37.4

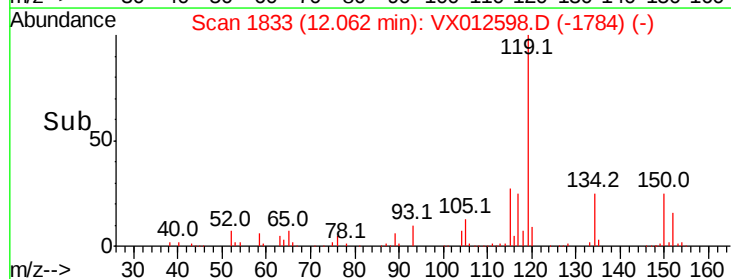
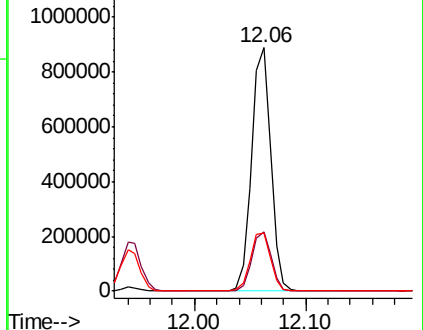
91 25.2 12.8 38.4

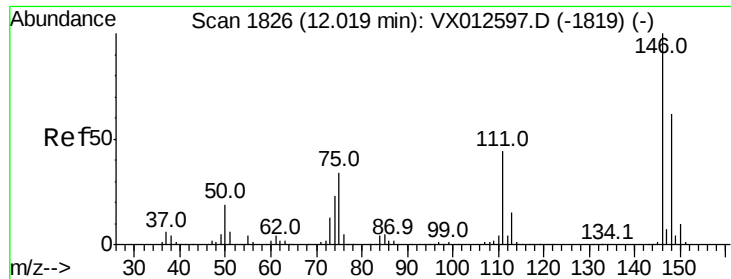


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

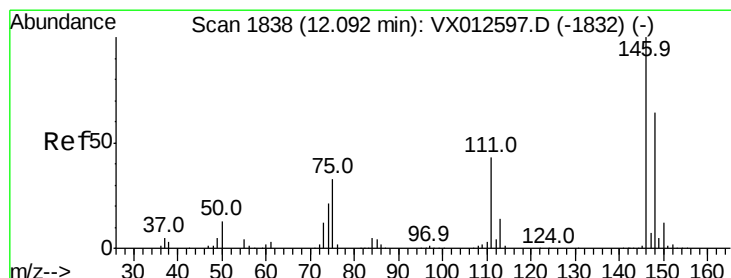
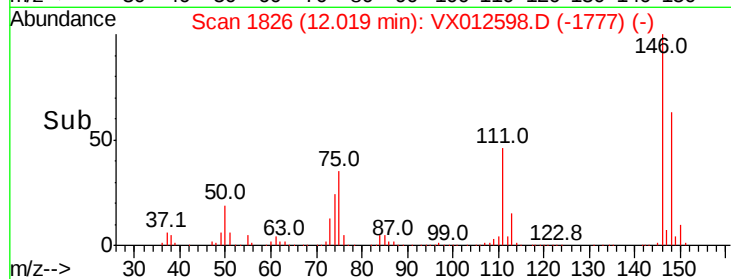
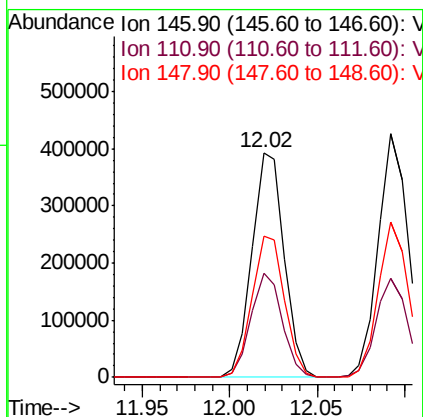
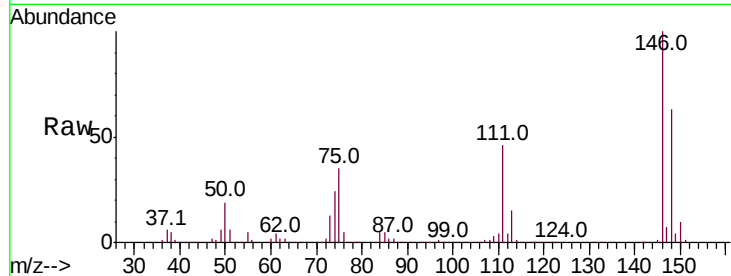




#87
 1,3-Dichlorobenzene
 Concen: 115.018 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

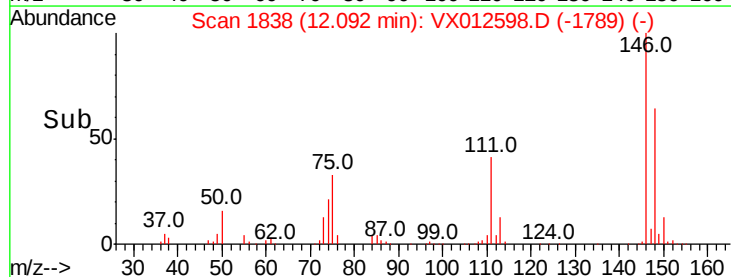
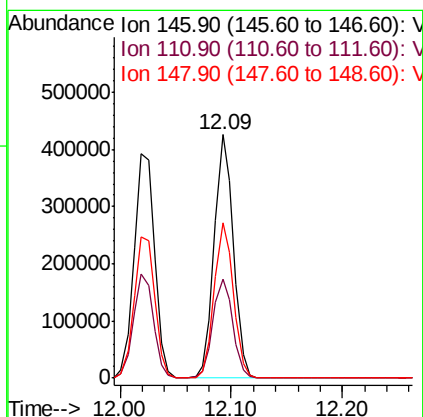
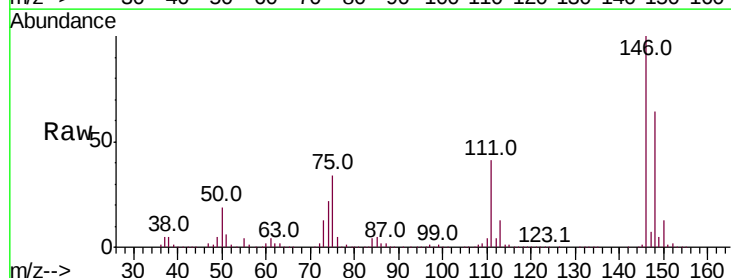
Instrument :
 MSVOA_X
 ClientSampleId :

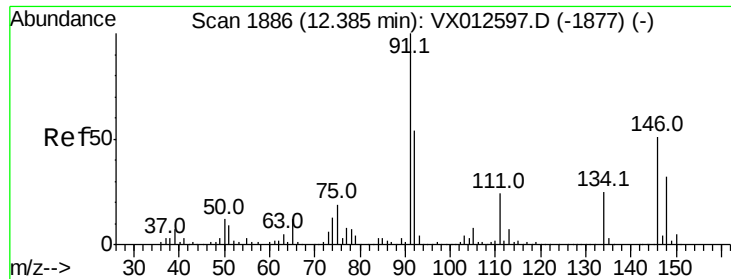
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.3	66.9
148	63.4	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 112.761 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.7	65.1
148	63.6	31.8	95.3





#89

n-Butylbenzene

Concen: 119.633 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012598.D

Acq: 23 Sep 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

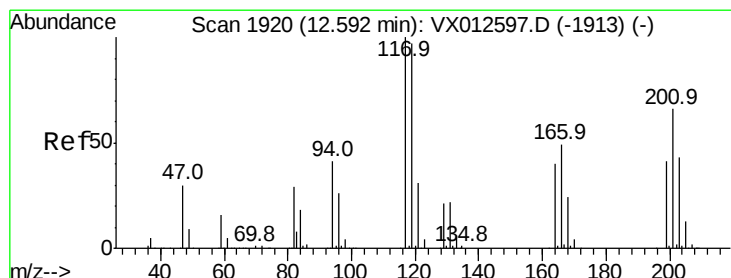
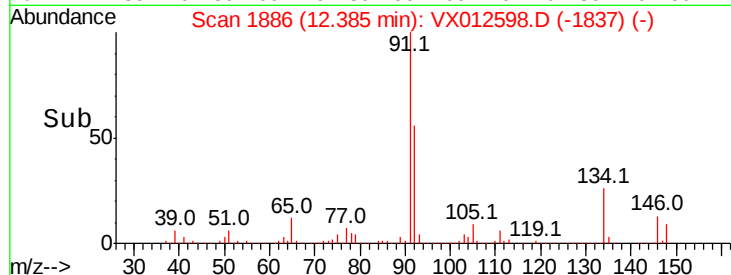
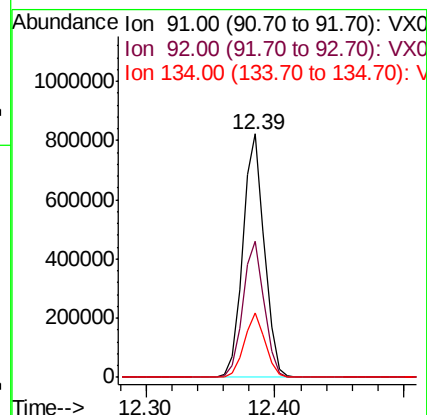
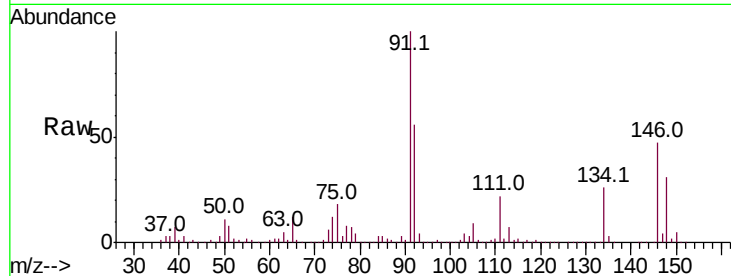
Tot Ion: 91 Resp: 946723

Ion Ratio Lower Upper

91 100

92 55.5 27.2 81.6

134 25.6 12.4 37.2



#90

Hexachloroethane

Concen: 122.987 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012598.D

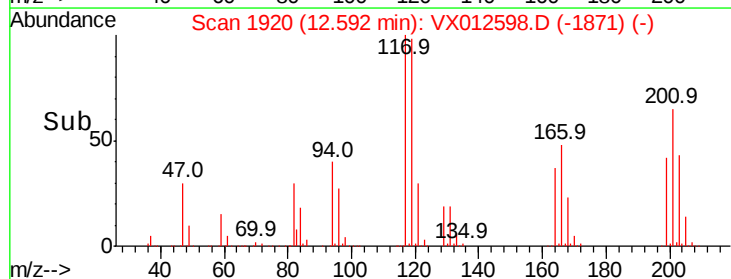
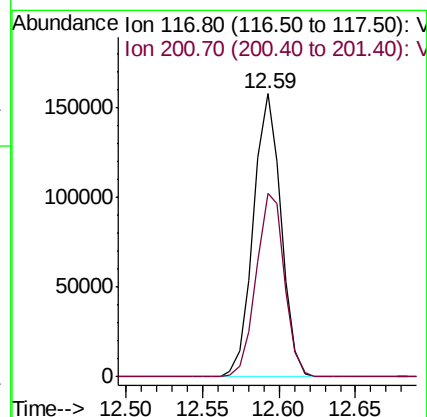
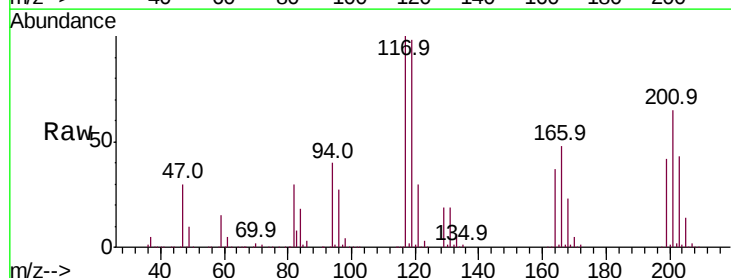
Acq: 23 Sep 2019 11:42

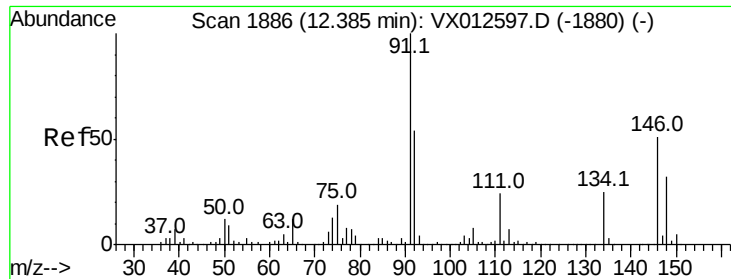
Tgt Ion: 117 Resp: 198326

Ion Ratio Lower Upper

117 100

201 66.4 34.0 101.8

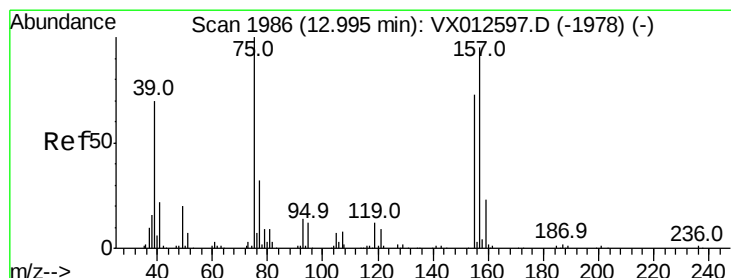
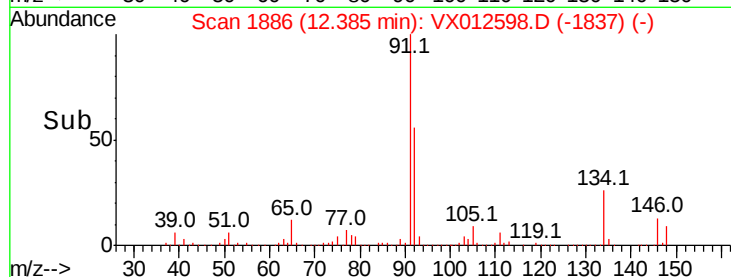
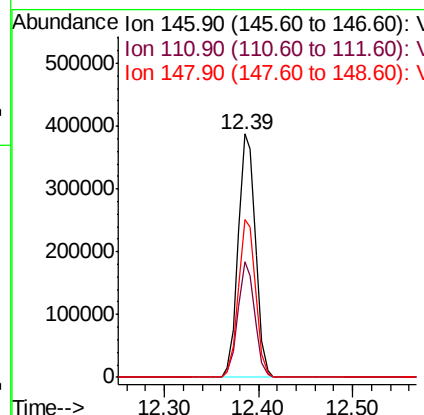
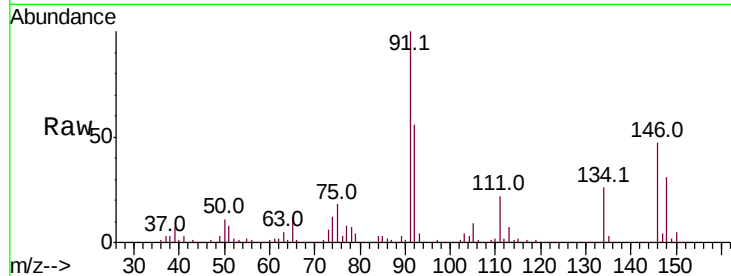




#91
 1,2-Dichlorobenzene
 Concen: 108.113 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

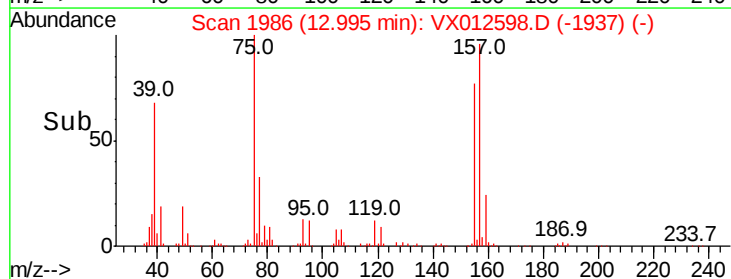
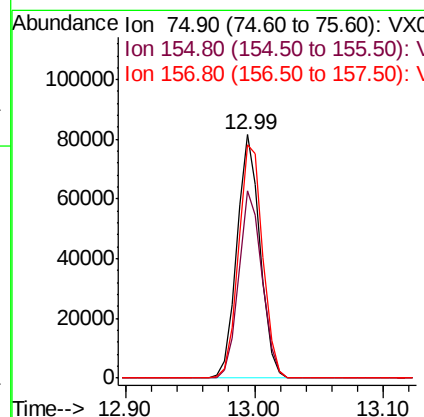
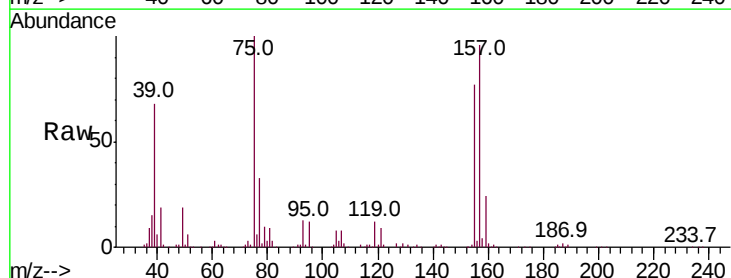
Instrument :
 MSVOA_X
 ClientSampled :

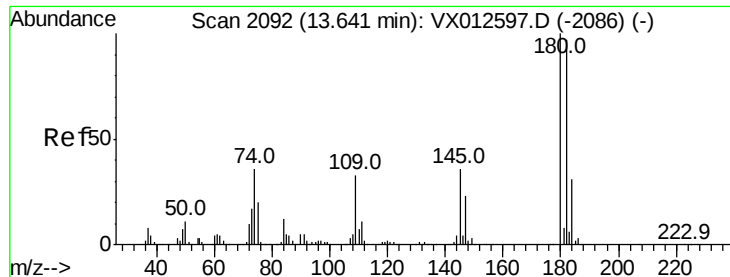
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.8	68.4
148	64.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.211 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	38.7	116.1
157	100.0	48.5	145.6

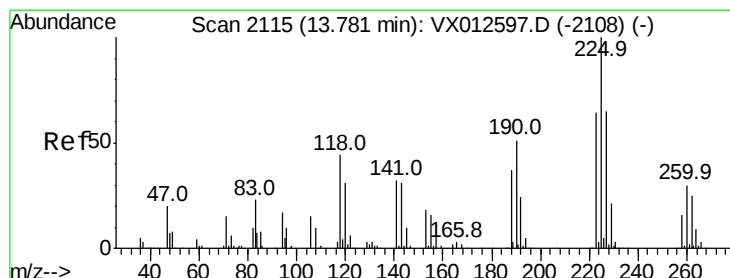
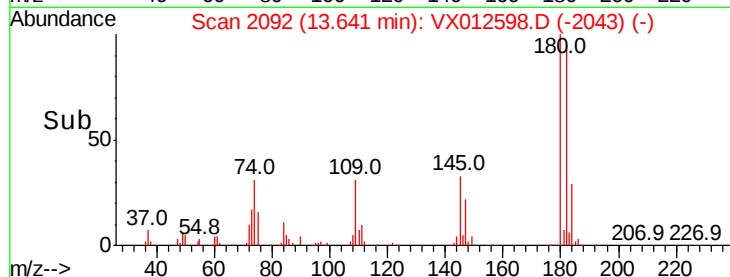
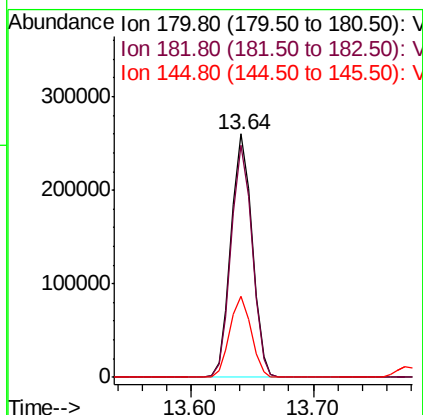
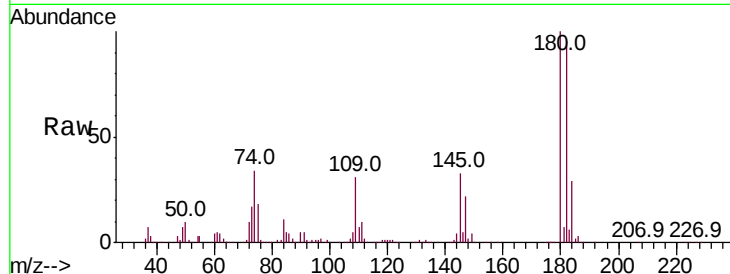




#93
 1,2,4-Trichlorobenzene
 Concen: 107.585 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

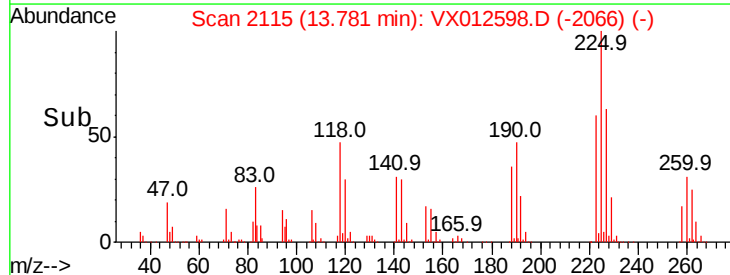
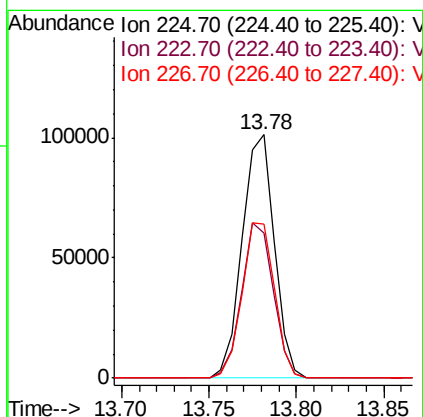
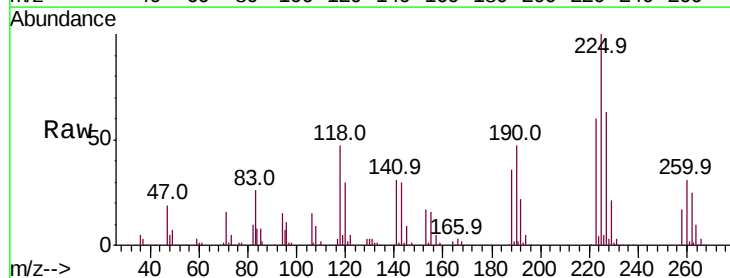
Instrument :
 MSVOA_X
 ClientSampleId :

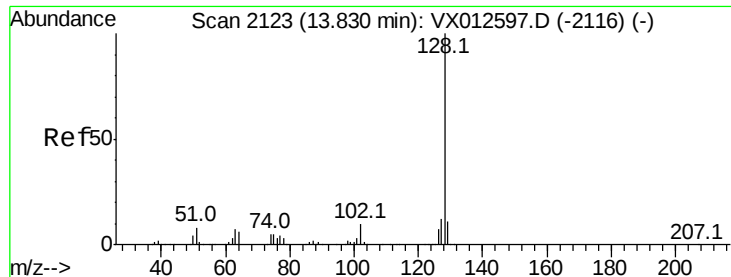
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	33.6	17.1	51.3



#94
 Hexachlorobutadiene
 Concen: 96.442 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012598.D
 Acq: 23 Sep 2019 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.7	95.1
227	64.3	31.1	93.5

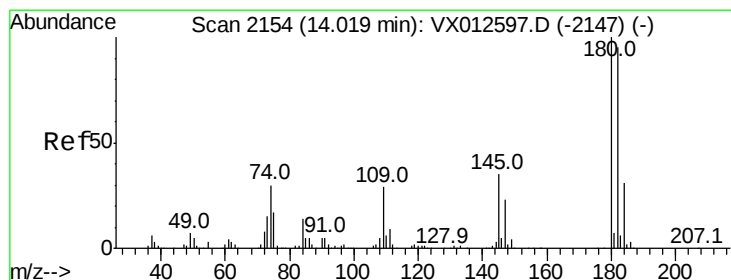
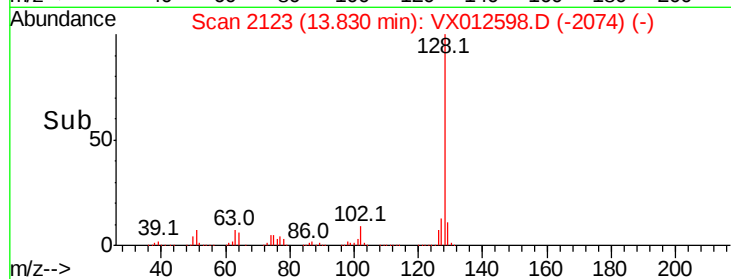
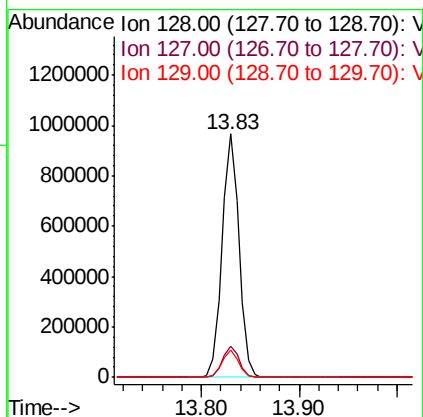
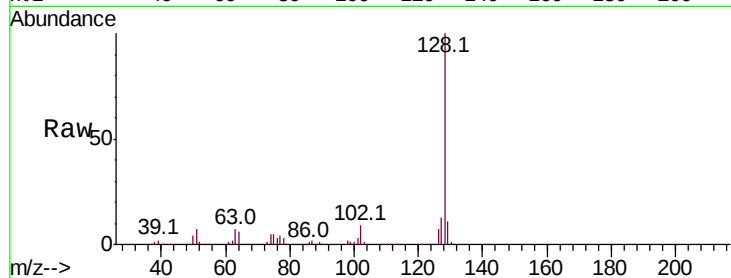




#95
Naphthalene
Concen: 111.474 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1153270
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 104.135 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012598.D
Acq: 23 Sep 2019 11:42

Tgt Ion:180 Resp: 306672
Ion Ratio Lower Upper
180 100
182 93.1 46.8 140.3
145 36.3 18.4 55.0

