

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012879.D
 Acq On : 08 Oct 2019 08:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 11:19:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	107271	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	
35) Dibromofluoromethane	5.48	113	86496	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	8.71	98	319297	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	124920	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	68708	36.875	ug/l	95
3) Chloromethane	1.32	50	77737	36.333	ug/l	99
4) Vinyl Chloride	1.40	62	83638	39.328	ug/l	95
5) Bromomethane	1.62	94	32714	39.124	ug/l	96
6) Chloroethane	1.70	64	57074	39.810	ug/l	97
7) Trichlorofluoromethane	1.92	101	126259	42.286	ug/l	98
8) Diethyl Ether	2.18	74	52334	42.769	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81608	44.873	ug/l	98
10) Methyl Iodide	2.50	142	75985	40.685	ug/l	93
11) Tert butyl alcohol	3.04	59	136633	226.776	ug/l	98
12) 1,1-Dichloroethene	2.36	96	81278	45.641	ug/l	97
13) Acrolein	2.28	56	67279	202.483	ug/l	98
14) Allyl chloride	2.72	41	146023	41.330	ug/l	95
15) Acrylonitrile	3.13	53	277249	226.816	ug/l	99
16) Acetone	2.44	43	233209	182.547	ug/l	97
17) Carbon Disulfide	2.56	76	198320	39.724	ug/l	98
18) Methyl Acetate	2.76	43	141812	47.143	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	310897	46.124	ug/l	98
20) Methylene Chloride	2.84	84	95643	44.263	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	86688	43.940	ug/l	97
22) Diisopropyl ether	3.84	45	306276	44.863	ug/l	98
23) Vinyl Acetate	3.80	43	1288961	215.296	ug/l	97
24) 1,1-Dichloroethane	3.69	63	169417	45.653	ug/l	99
25) 2-Butanone	4.66	43	379101	206.957	ug/l	96
26) 2,2-Dichloropropane	4.58	77	88022	26.669	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	105418	46.051	ug/l	88
28) Bromochloromethane	5.00	49	61645	45.749	ug/l	93
29) Tetrahydrofuran	5.12	42	241631	216.422	ug/l	94
30) Chloroform	5.20	83	171129	45.074	ug/l	96
31) Cyclohexane	5.57	56	145286	43.276	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	148865	44.241	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123452	44.725	ug/l	98
37) Ethyl Acetate	4.83	43	145722	45.157	ug/l	97
38) Carbon Tetrachloride	5.77	117	126403	45.081	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	144333	43.435	ug/l	96
40) Benzene	6.14	78	374696	46.137	ug/l	99
41) Methacrylonitrile	5.03	41	83569	46.156	ug/l	94
42) 1,2-Dichloroethane	6.18	62	139151	45.120	ug/l	97
43) Isopropyl Acetate	6.44	43	242299	44.899	ug/l	96
44) Trichloroethene	7.20	130	97206	46.819	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99424	47.817	ug/l	99
46) Dibromomethane	7.65	93	66314	46.843	ug/l	99
47) Bromodichloromethane	7.89	83	133187	47.073	ug/l	99
48) Methyl methacrylate	7.76	41	116311	44.949	ug/l	91
49) 1,4-Dioxane	7.73	88	50924	867.651	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	753960	226.333	ug/l	95
52) Toluene	8.78	92	241968	47.404	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138408	44.213	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150681	44.085	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	100027	49.290	ug/l	98
56) Ethyl methacrylate	9.17	69	164244	48.175	ug/l	90
57) 1,3-Dichloropropane	9.37	76	167347	47.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	380733	248.789	ug/l	100
59) 2-Hexanone	9.49	43	577389	226.442	ug/l	93
60) Dibromochloromethane	9.58	129	102156	49.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104062	49.272	ug/l	99
64) Tetrachloroethene	9.33	164	90957	51.197	ug/l	93
65) Chlorobenzene	10.14	112	258263	48.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95850	49.301	ug/l	98
67) Ethyl Benzene	10.25	91	462416	47.514	ug/l	100
68) m/p-Xylenes	10.36	106	344594	94.521	ug/l	98
69) o-Xylene	10.70	106	171040	48.485	ug/l	98
70) Styrene	10.71	104	297417	50.292	ug/l	98
71) Bromoform	10.85	173	71940	53.142	ug/l #	99
73) Isopropylbenzene	11.01	105	453362	45.954	ug/l	99
74) N-amyl acetate	10.89	43	214964	45.674	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	158727	48.580	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	174180	54.361	ug/l	85
77) Bromobenzene	11.25	156	104368	46.743	ug/l	98
78) n-propylbenzene	11.35	91	504265	45.401	ug/l	100
79) 2-Chlorotoluene	11.42	91	315373	45.517	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	387297	46.814	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41265	36.907	ug/l	95
82) 4-Chlorotoluene	11.51	91	358839	45.432	ug/l	99
83) tert-Butylbenzene	11.77	119	374731	46.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	390195	46.754	ug/l	100
85) sec-Butylbenzene	11.94	105	442863	47.711	ug/l	99
86) p-Isopropyltoluene	12.06	119	399885	47.745	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195215	48.582	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197653	48.678	ug/l	99
89) n-Butylbenzene	12.39	91	327958	44.437	ug/l	99
90) Hexachloroethane	12.59	117	68888	46.135	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	197739	49.154	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38539	47.154	ug/l	96

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QLast Update : Mon Sep 23 12:27:01 2019
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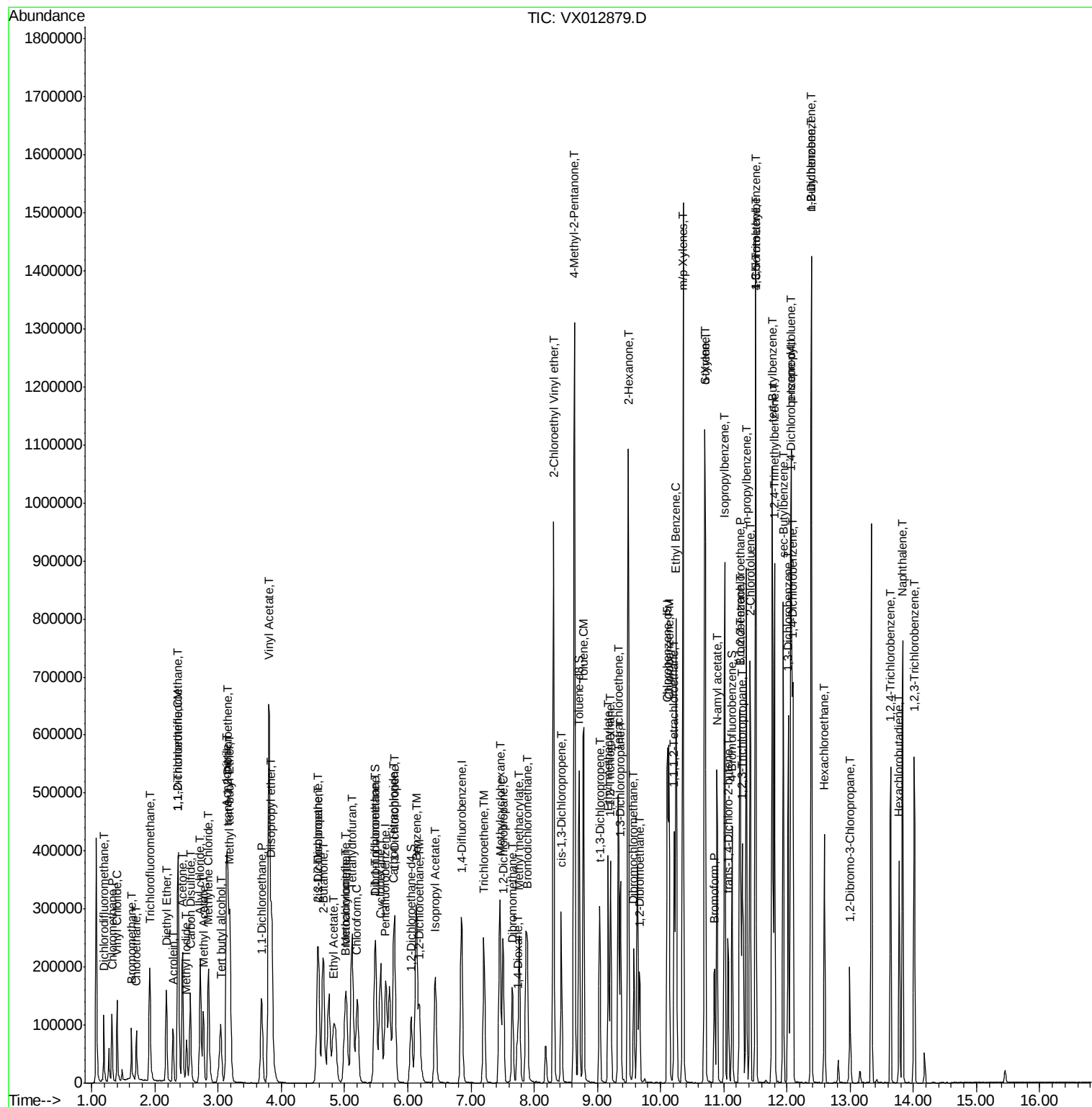
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123286	50.252	ug/l	100
94) Hexachlorobutadiene	13.78	225	51755	49.037	ug/l	99
95) Naphthalene	13.83	128	444993	50.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125088	50.899	ug/l	98

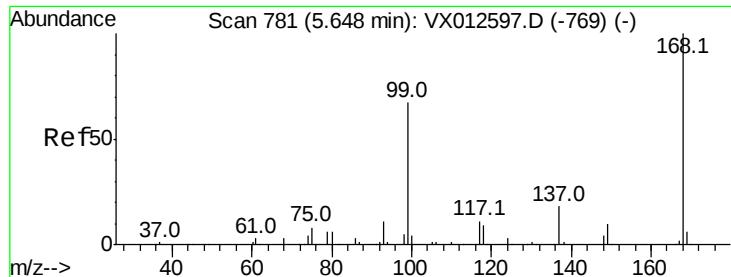
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

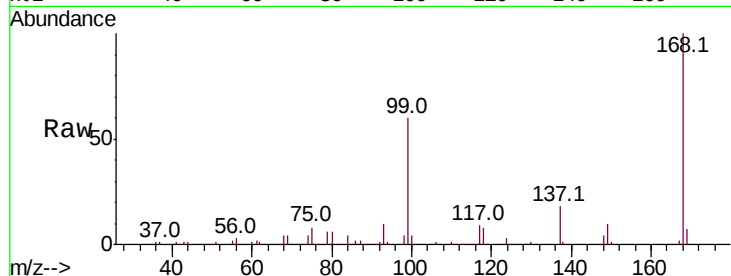
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 165629

Ion Ratio Lower Upper

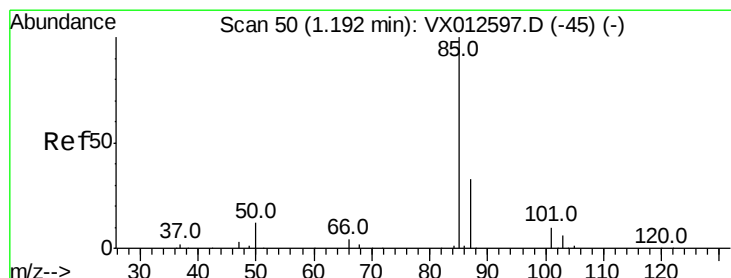
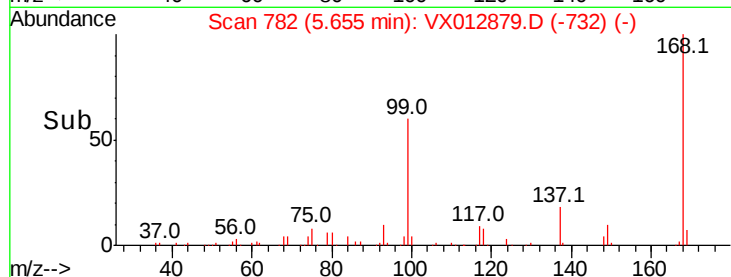
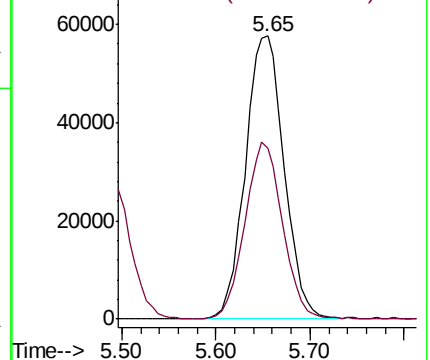
168 100

99 60.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 36.875 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012879.D

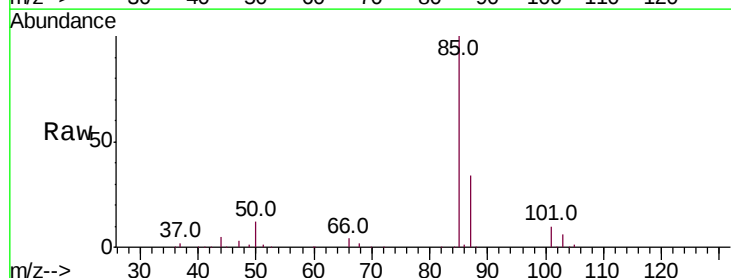
Acq: 08 Oct 2019 08:19

Tgt Ion: 85 Resp: 68708

Ion Ratio Lower Upper

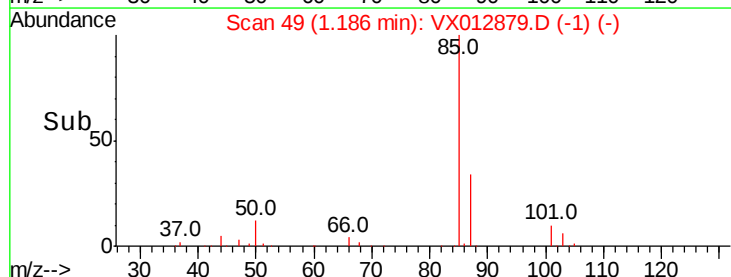
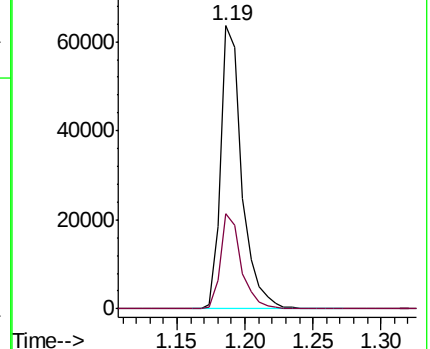
85 100

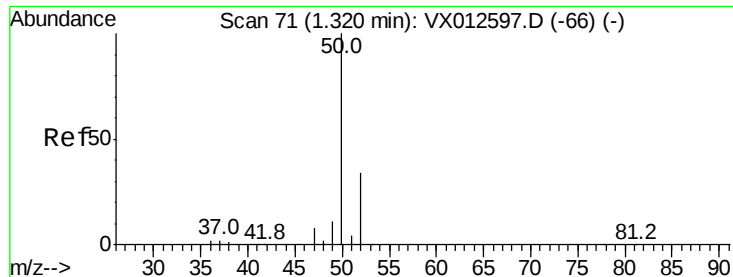
87 33.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 36.333 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

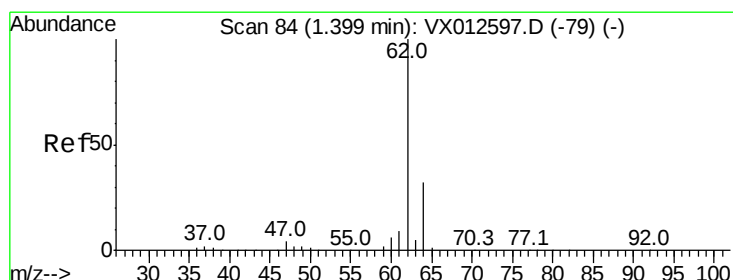
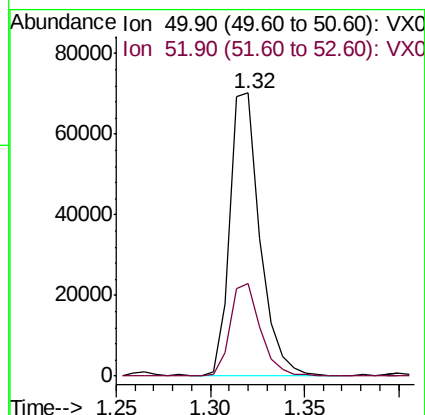
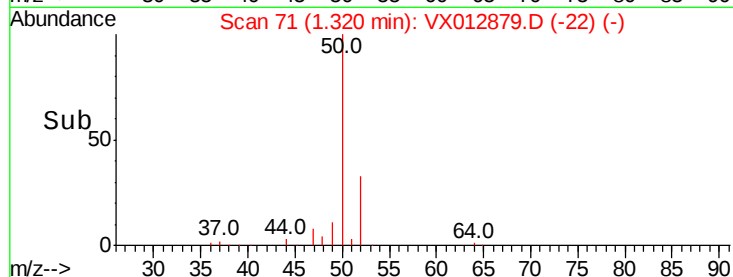
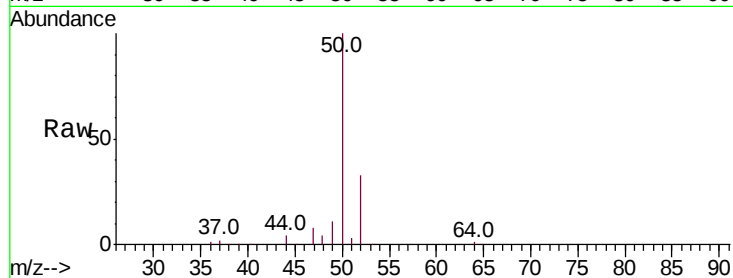
ClientSampleId :

Tot Ion: 50 Resp: 77737

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 39.328 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012879.D

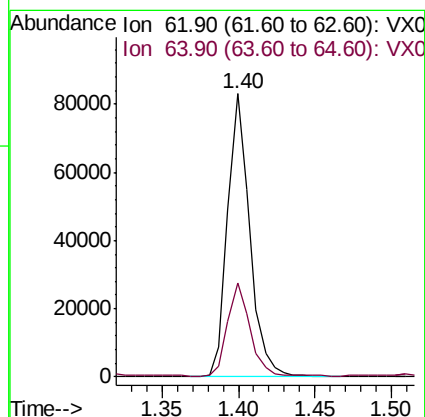
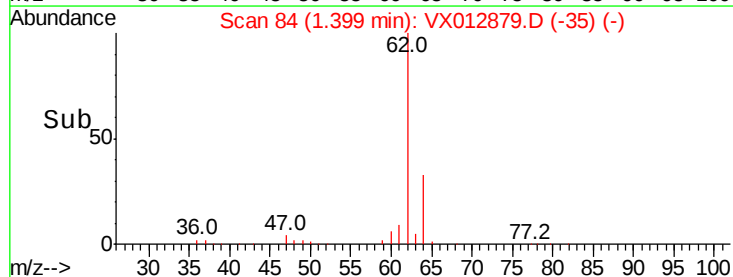
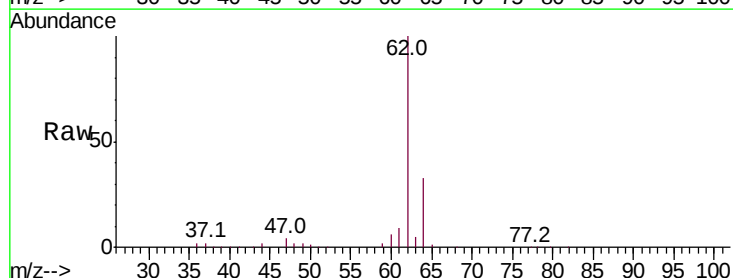
Acq: 08 Oct 2019 08:19

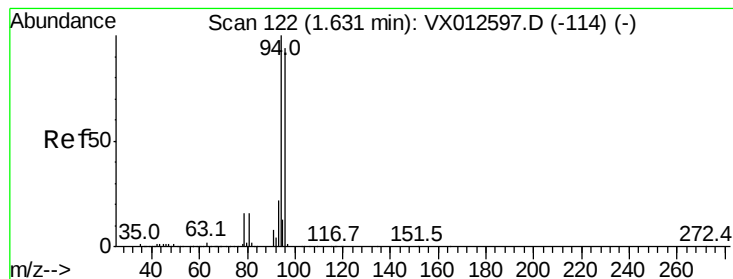
Tgt Ion: 62 Resp: 83638

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.2





#5

Bromomethane

Concen: 39.124 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

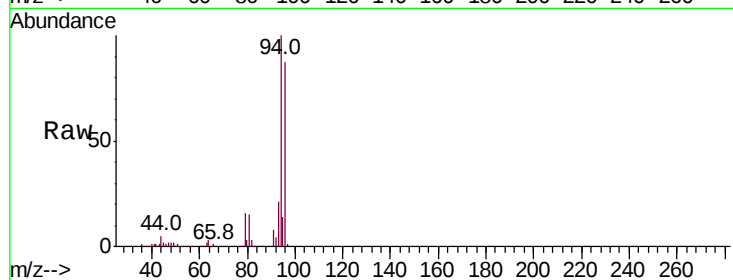
ClientSampleId :

Tot Ion: 94 Resp: 32714

Ion Ratio Lower Upper

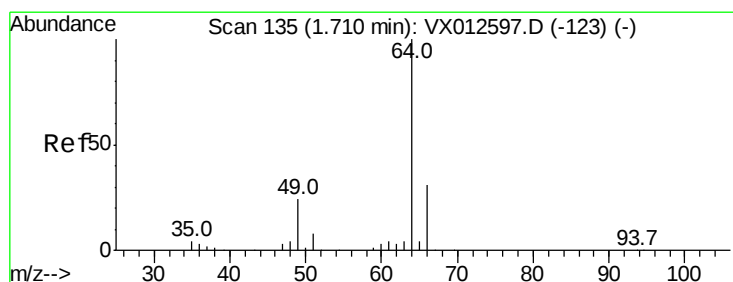
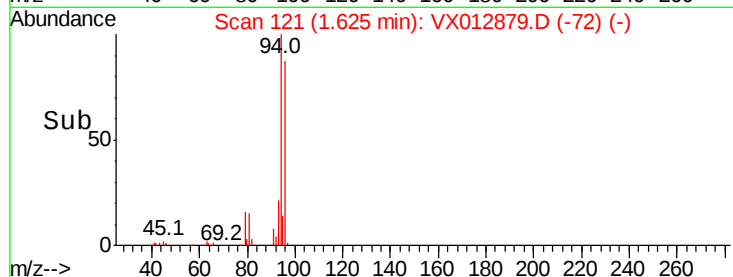
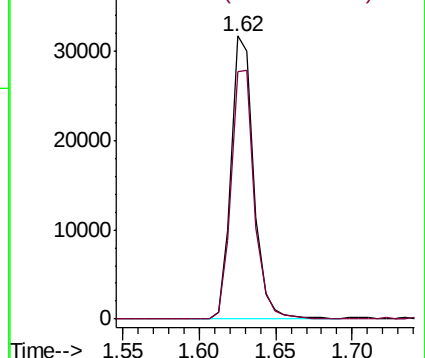
94 100

96 87.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 39.810 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012879.D

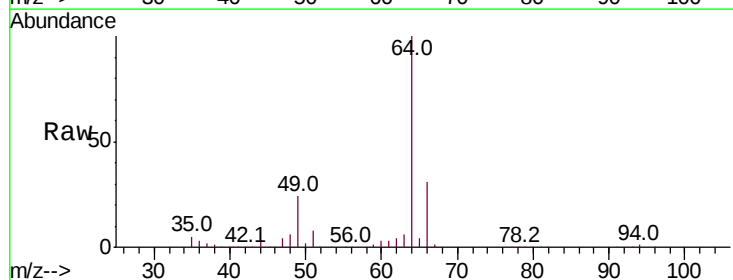
Acq: 08 Oct 2019 08:19

Tgt Ion: 64 Resp: 57074

Ion Ratio Lower Upper

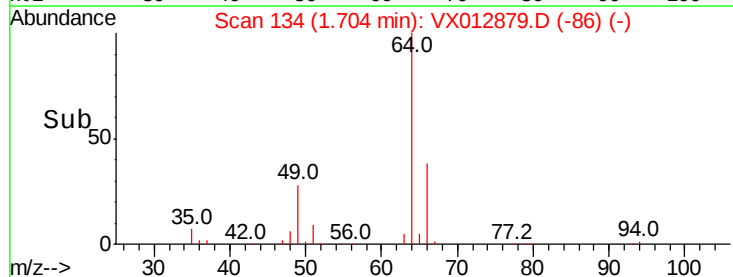
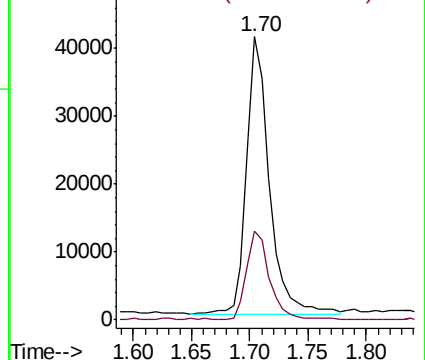
64 100

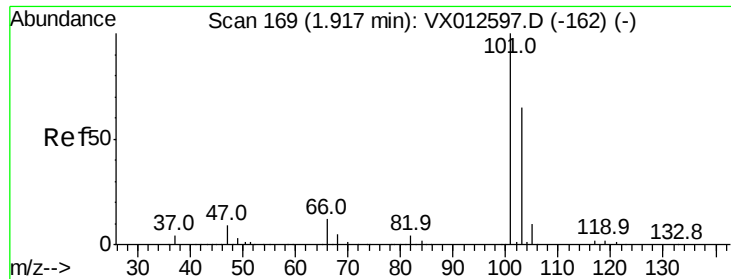
66 31.6 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



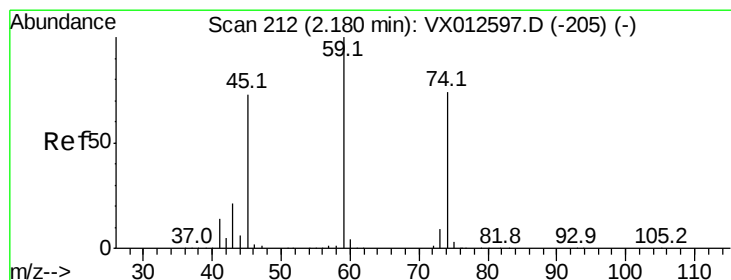
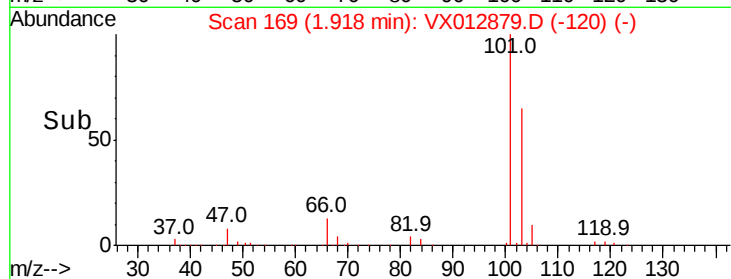
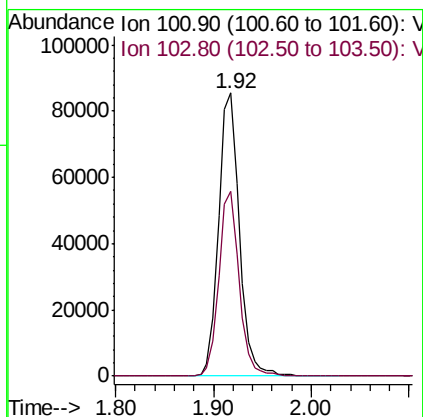
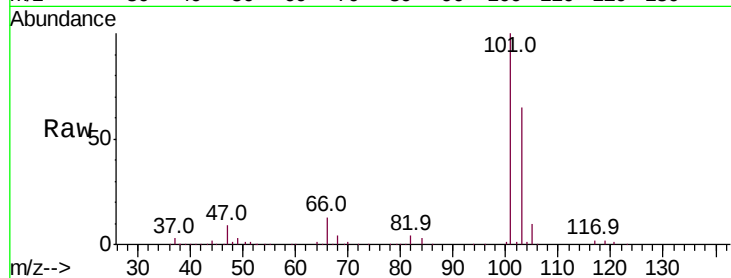


#7

Trichlorofluoromethane
Concen: 42.286 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

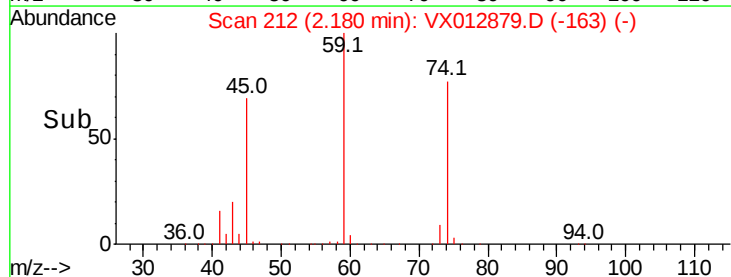
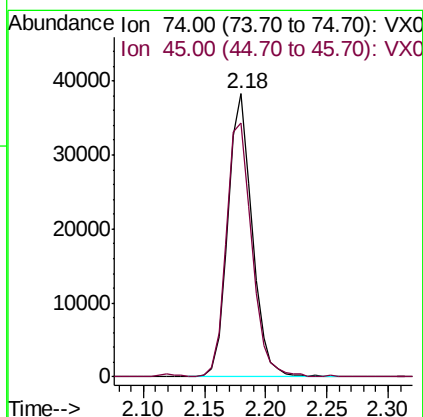
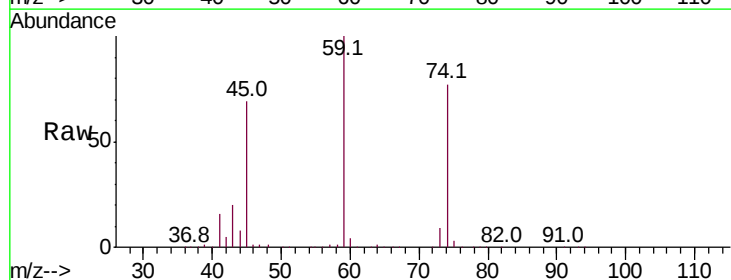
Tot Ion:101 Resp: 126259
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

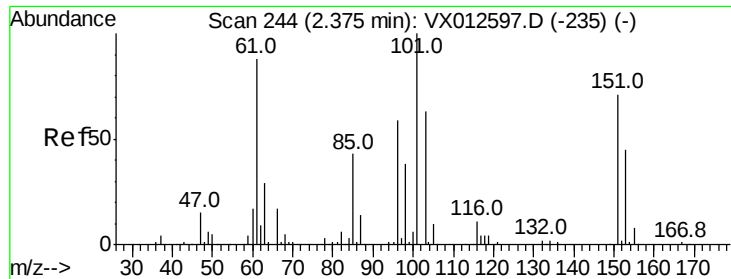


#8

Diethyl Ether
Concen: 42.769 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 74 Resp: 52334
Ion Ratio Lower Upper
74 100
45 93.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.873 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

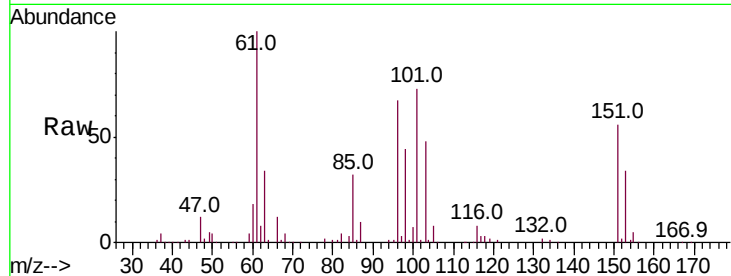
Tot Ion:101 Resp: 81608

Ion Ratio Lower Upper

101 100

85 43.4 37.3 55.9

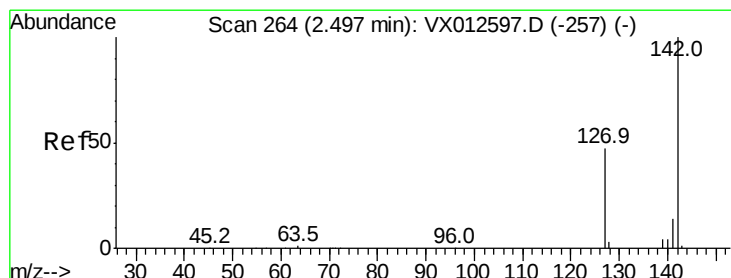
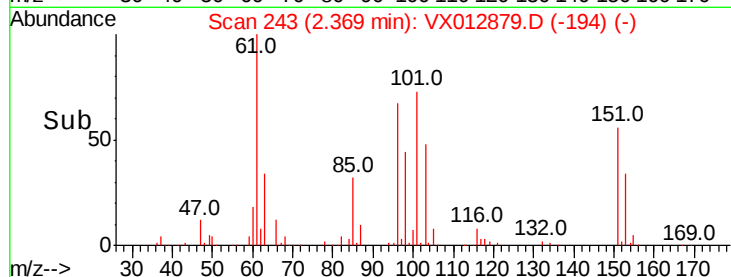
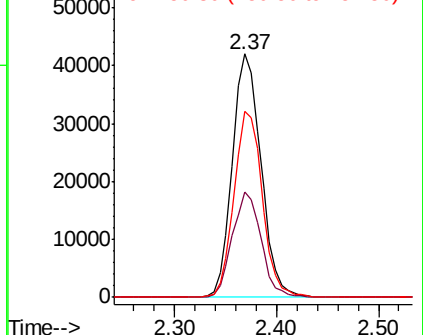
151 75.7 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.685 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

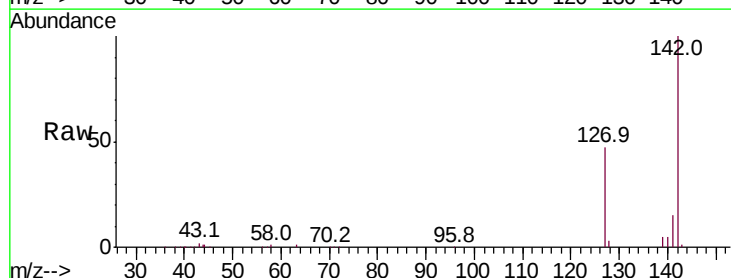
Tgt Ion:142 Resp: 75985

Ion Ratio Lower Upper

142 100

127 44.7 40.8 61.2

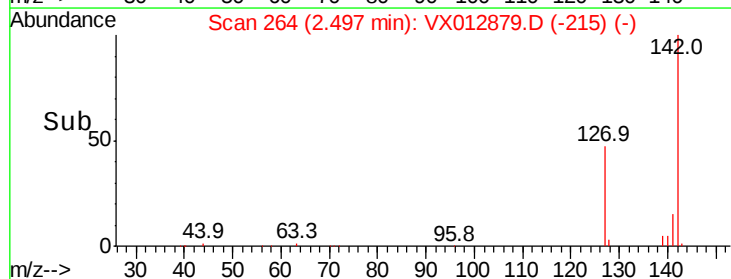
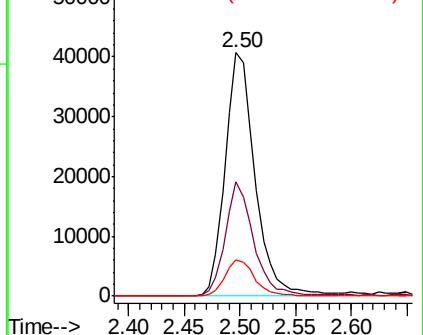
141 15.1 12.1 18.1

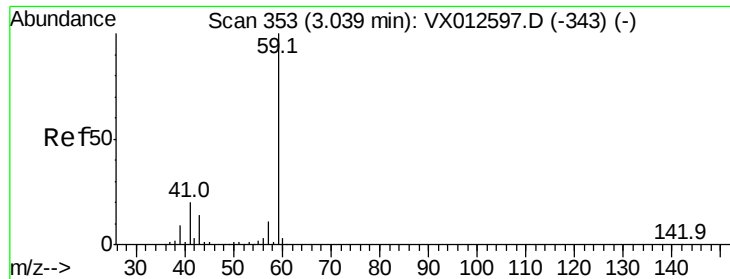


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

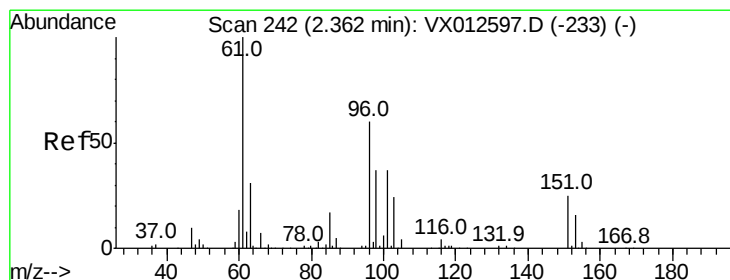
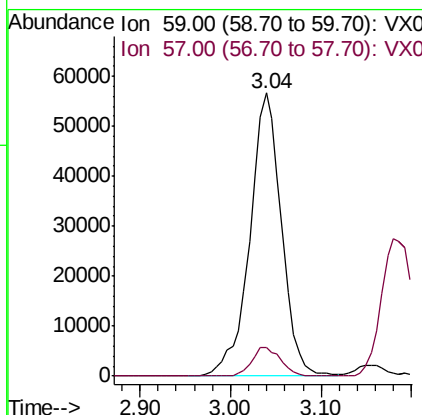
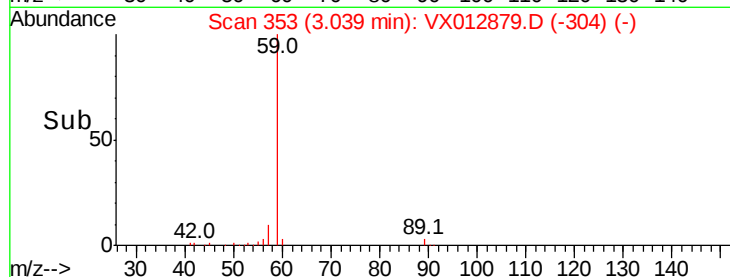
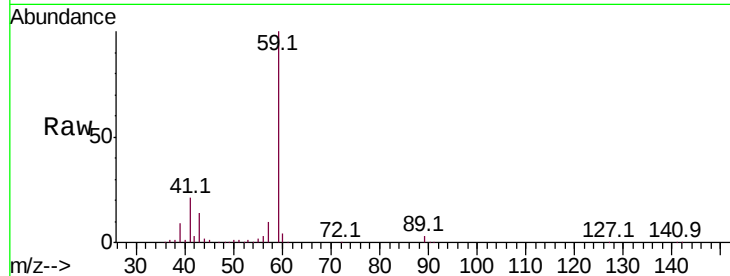




#11
Tert butyl alcohol
Concen: 226.776 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

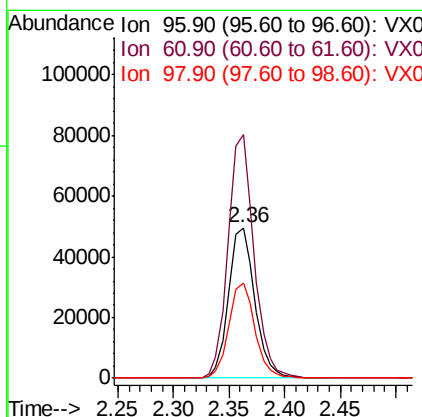
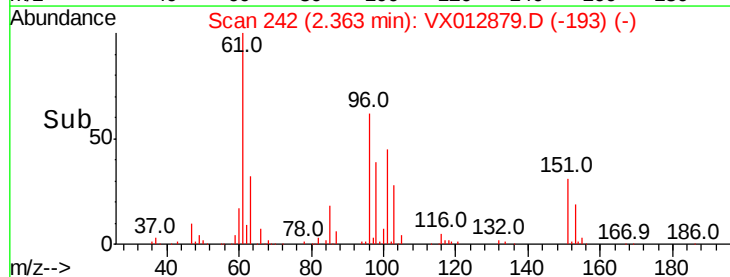
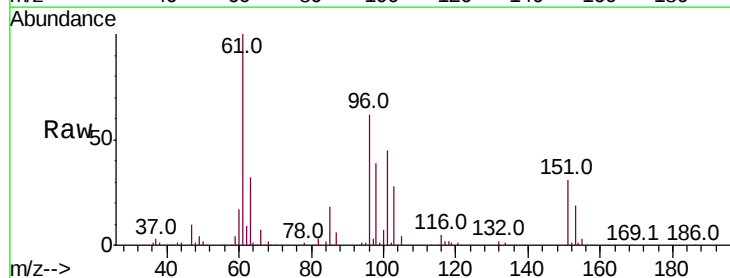
Instrument :
MSVOA_X
ClientSampleId :

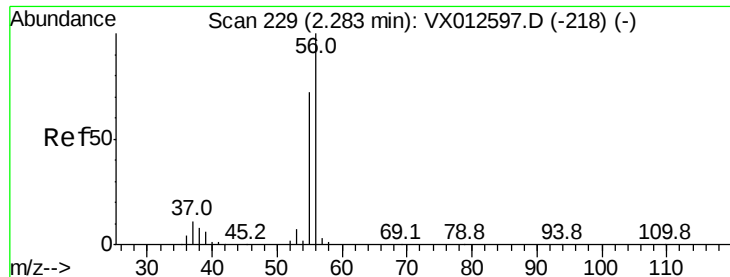
Tot Ion: 59 Resp: 136633
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.641 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 96 Resp: 81278
Ion Ratio Lower Upper
96 100
61 162.1 133.8 200.6
98 63.1 49.9 74.9

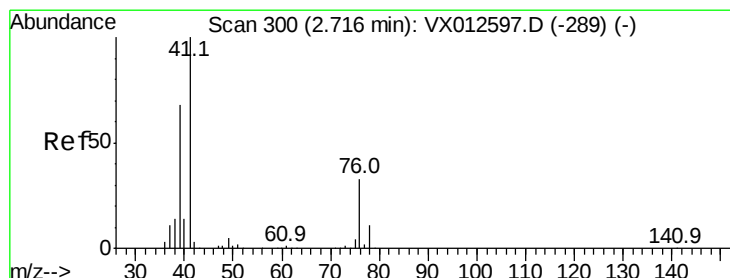
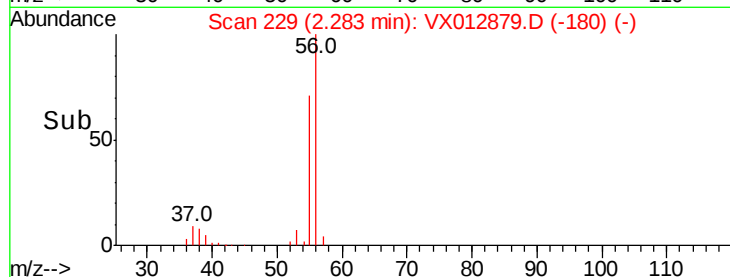
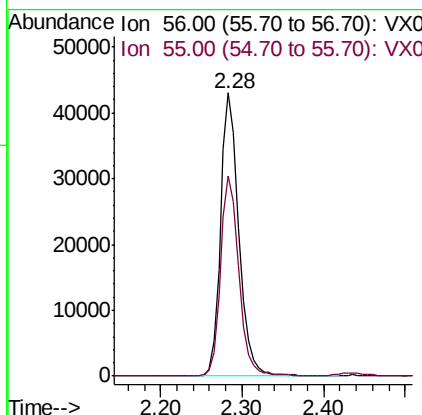
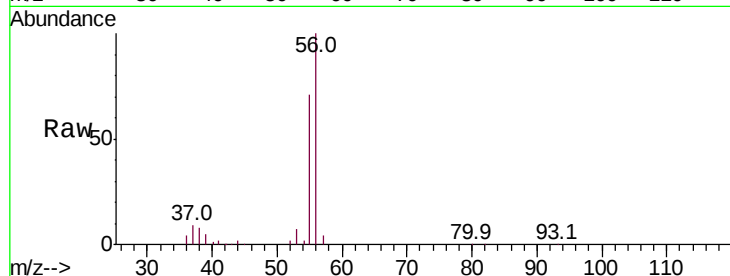




#13
Acrolein
Concen: 202.483 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

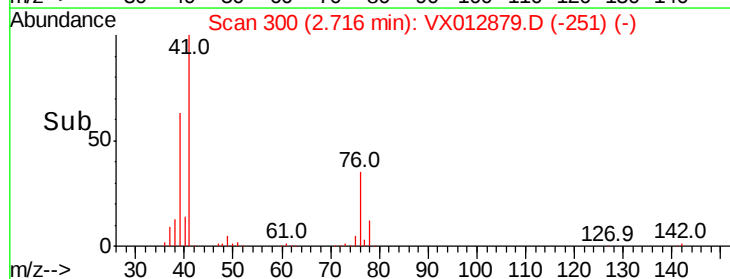
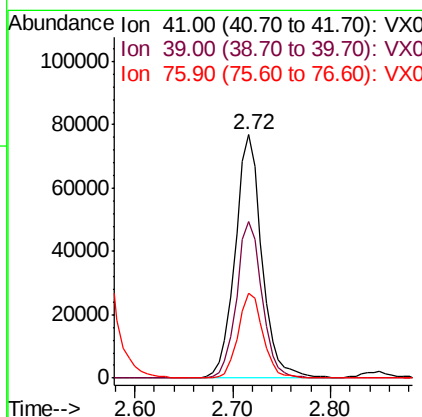
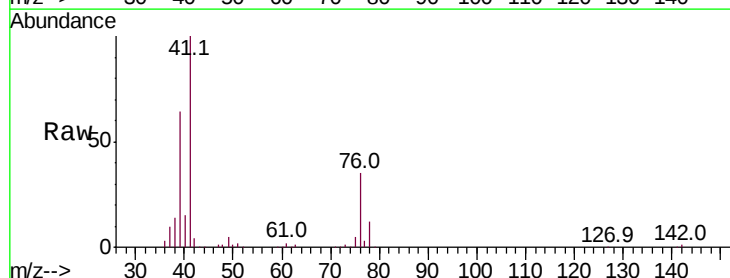
Instrument :
MSVOA_X
ClientSampleId :

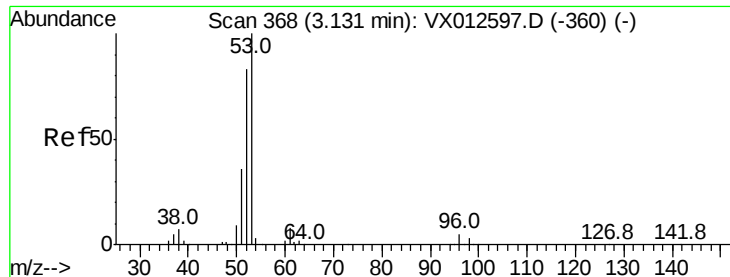
Tot Ion: 56 Resp: 67279
Ion Ratio Lower Upper
56 100
55 71.2 55.8 83.8



#14
Allyl chloride
Concen: 41.330 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 41 Resp: 146023
Ion Ratio Lower Upper
41 100
39 61.1 51.3 76.9
76 32.5 22.6 33.8





#15

Acrylonitrile

Concen: 226.816 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

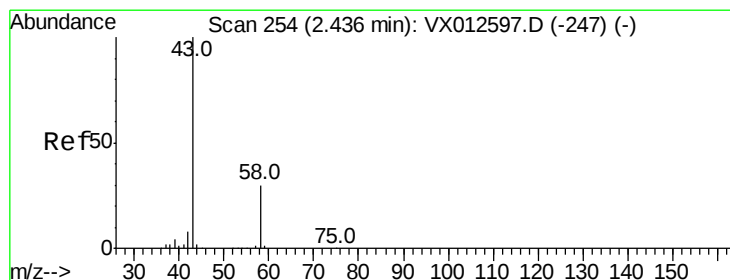
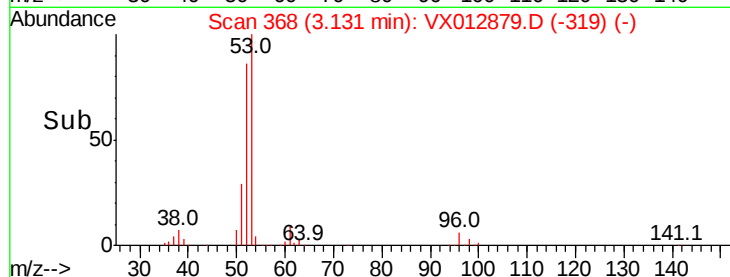
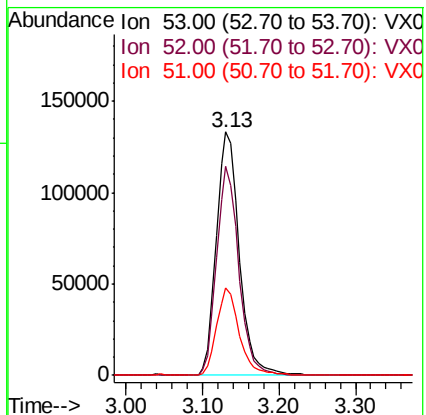
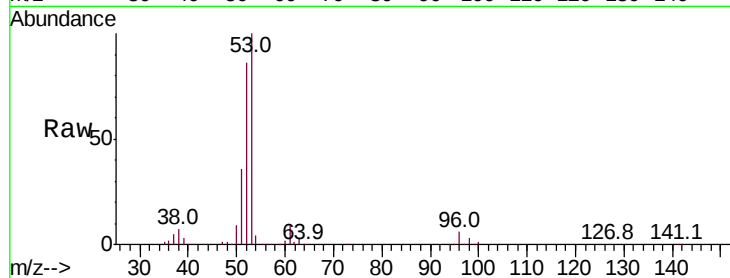
Tot Ion: 53 Resp: 277249

Ion Ratio Lower Upper

53 100

52 82.8 67.0 100.4

51 35.5 29.6 44.4



#16

Acetone

Concen: 182.547 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012879.D

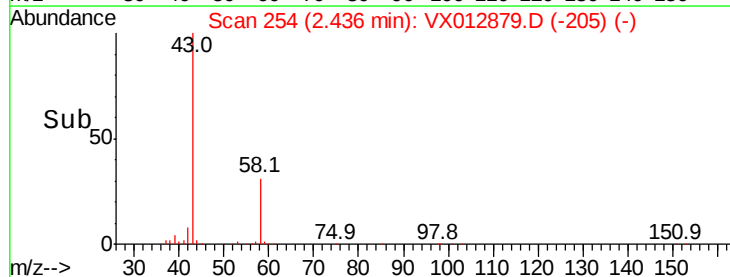
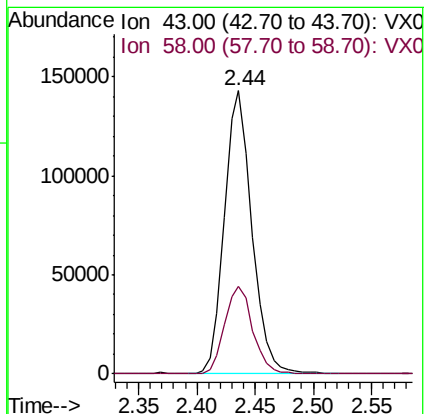
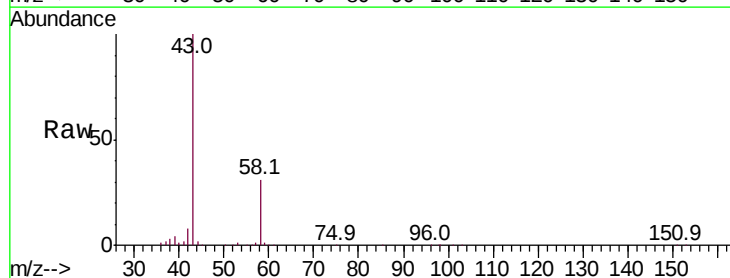
Acq: 08 Oct 2019 08:19

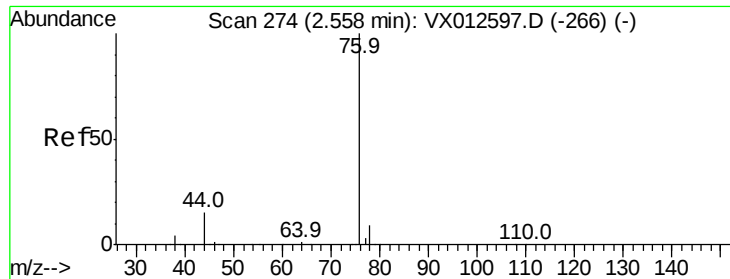
Tgt Ion: 43 Resp: 233209

Ion Ratio Lower Upper

43 100

58 30.9 23.3 34.9

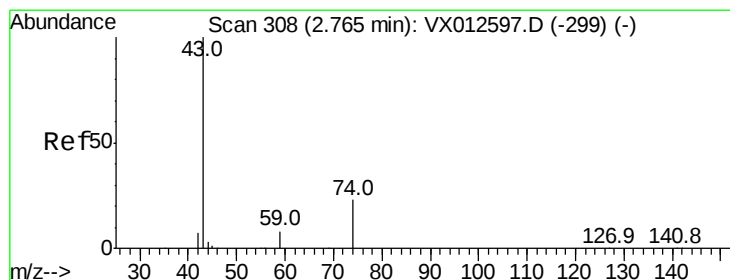
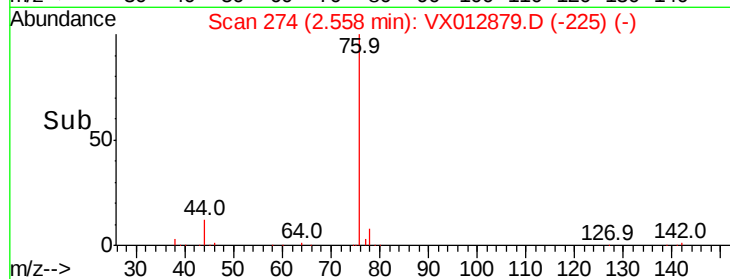
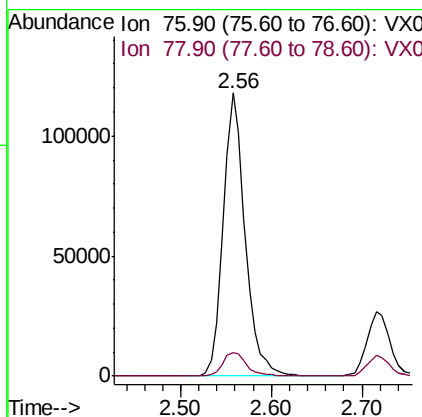
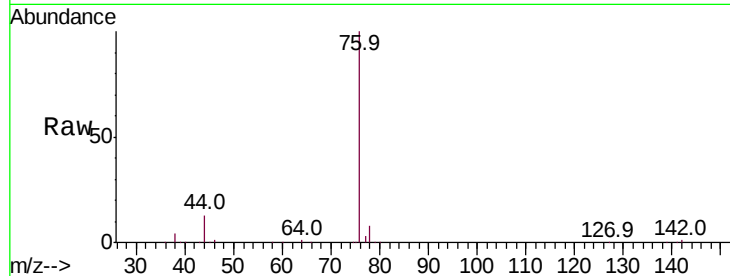




#17
Carbon Disulfide
Concen: 39.724 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

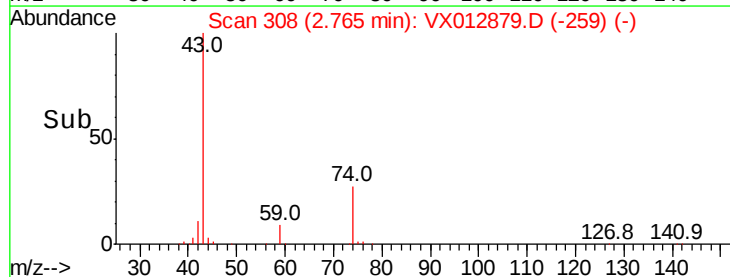
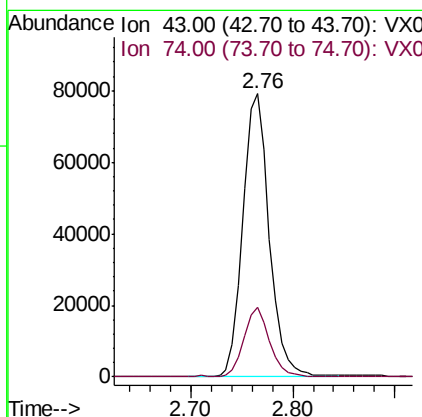
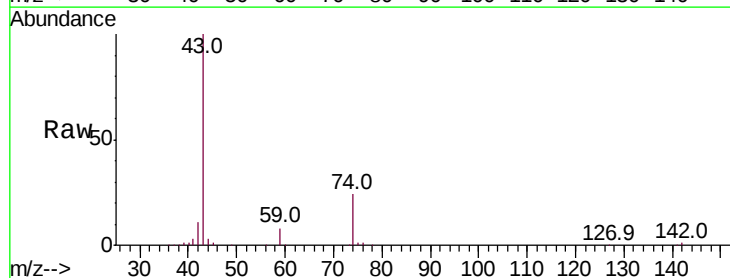
Instrument :
MSVOA_X
ClientSampleId :

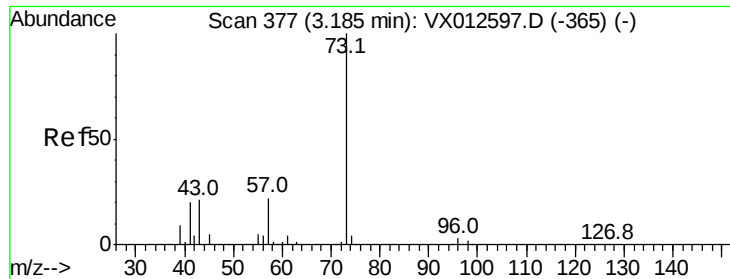
Tot Ion: 76 Resp: 198320
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 47.143 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 43 Resp: 141812
Ion Ratio Lower Upper
43 100
74 23.6 17.7 26.5

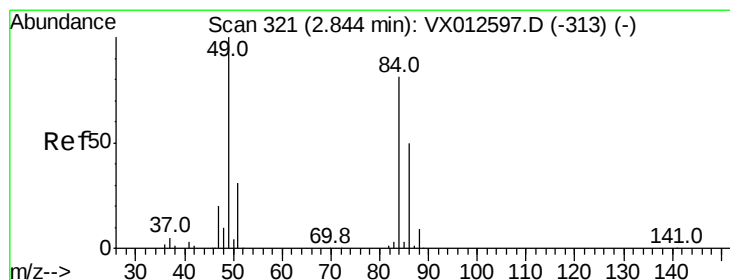
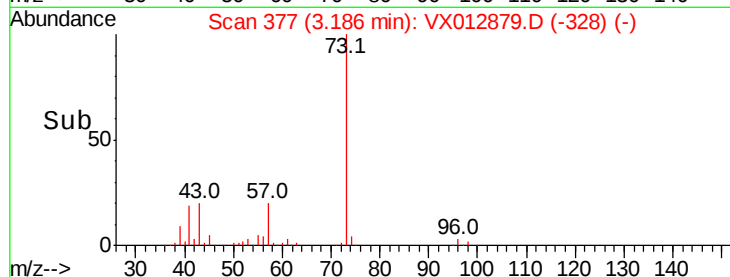
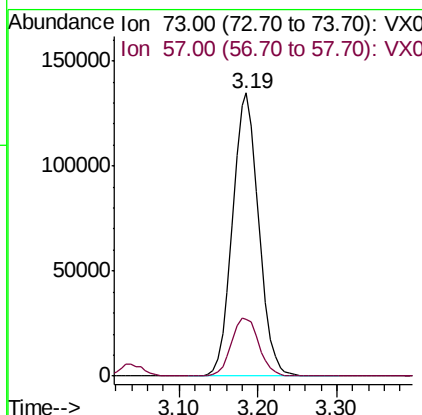
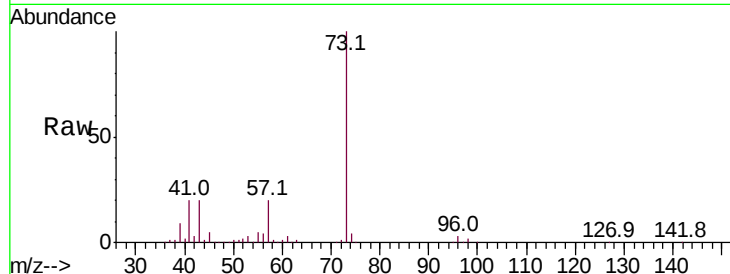




#19
Methyl tert-butyl Ether
Concen: 46.124 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

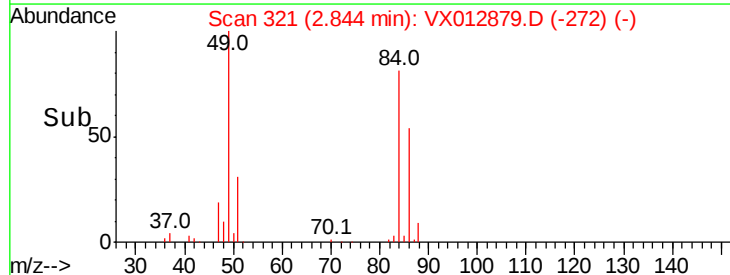
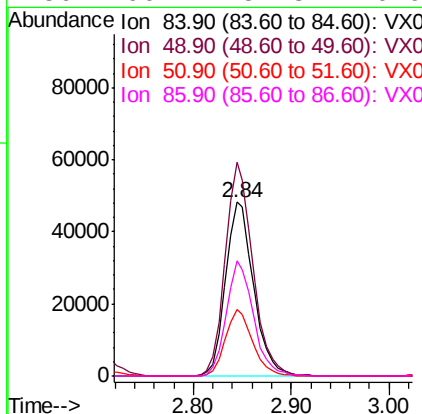
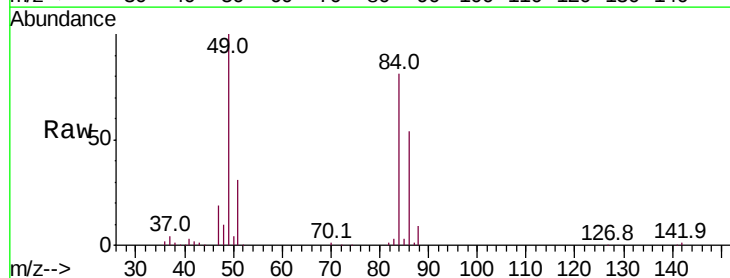
Instrument :
MSVOA_X
ClientSampled :

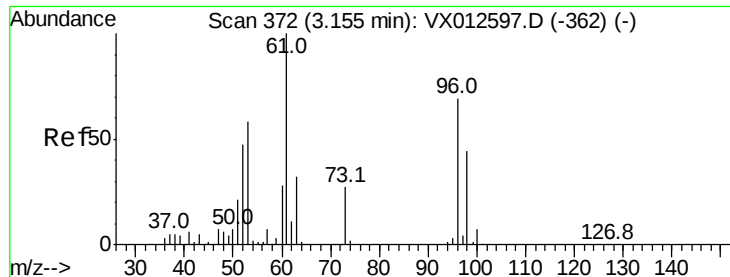
Tot Ion: 73 Resp: 310897
Ion Ratio Lower Upper
73 100
57 20.0 16.8 25.2



#20
Methylene Chloride
Concen: 44.263 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 84 Resp: 95643
Ion Ratio Lower Upper
84 100
49 123.1 106.8 160.2
51 38.7 32.3 48.5
86 66.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 43.940 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampled :

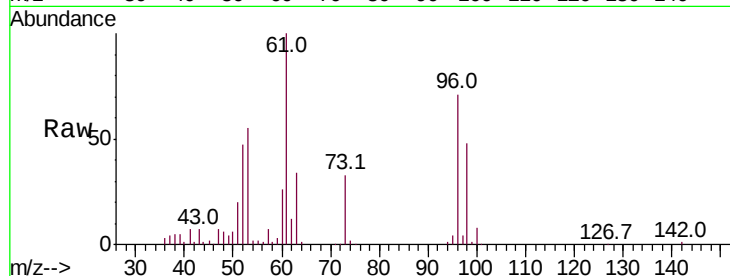
Tot Ion: 96 Resp: 86688

Ion Ratio Lower Upper

96 100

61 140.4 112.0 168.0

98 68.0 47.8 71.8

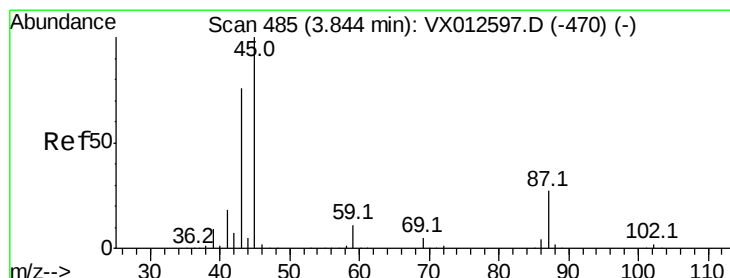
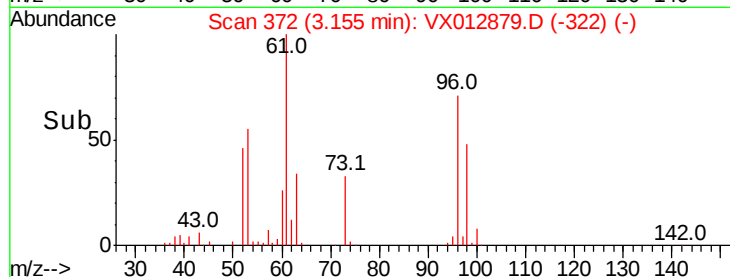
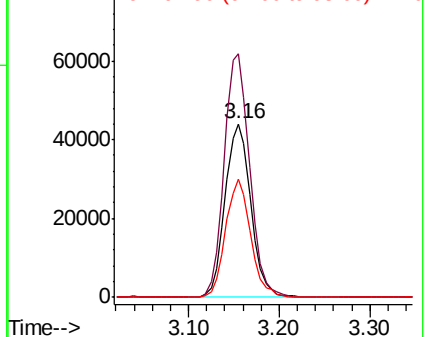


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.863 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Tgt Ion: 45 Resp: 306276

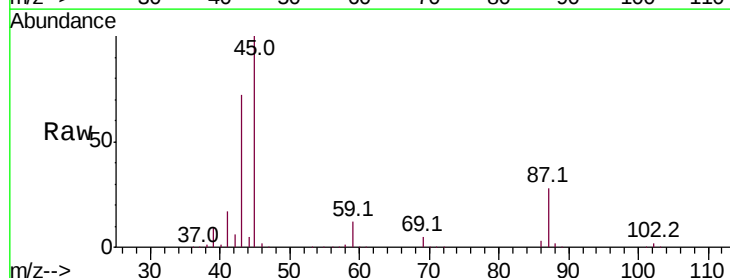
Ion Ratio Lower Upper

45 100

43 71.3 57.8 86.8

87 28.2 21.3 31.9

59 12.4 8.5 12.7



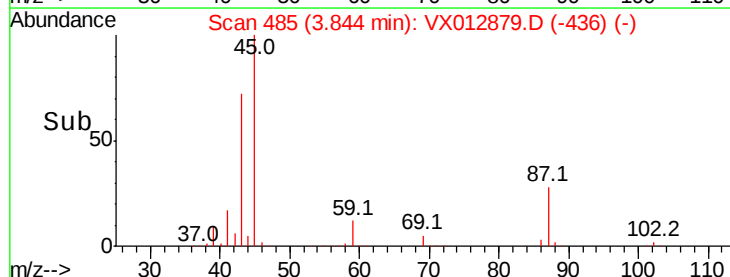
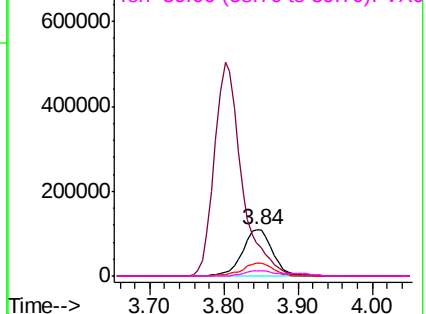
Abundance

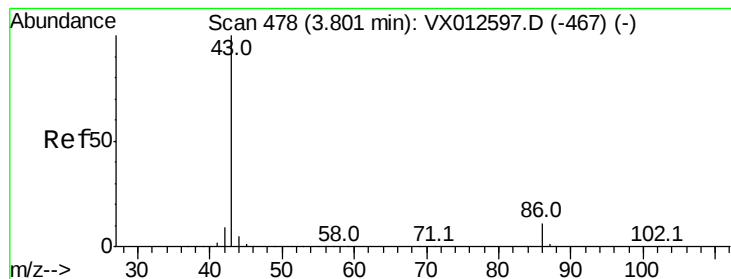
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 215.296 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

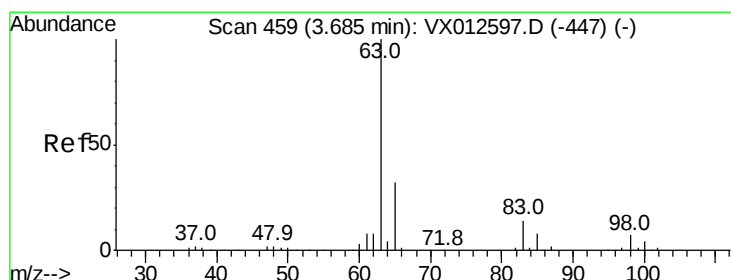
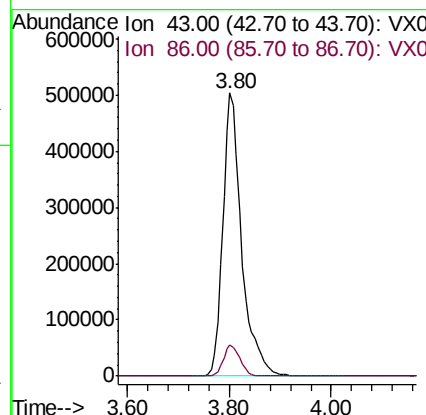
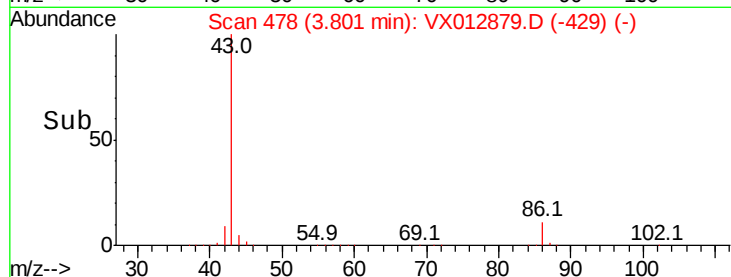
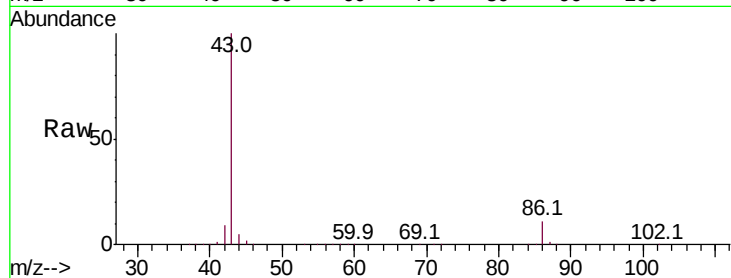
ClientSampled :

Tot Ion: 43 Resp: 1288961

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 45.653 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

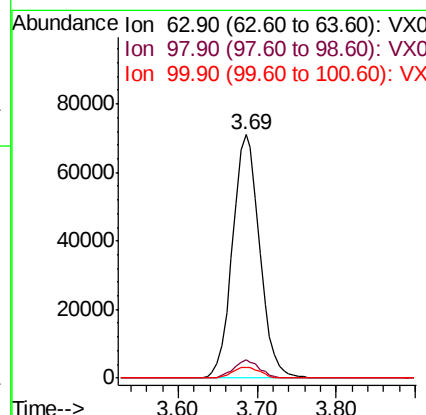
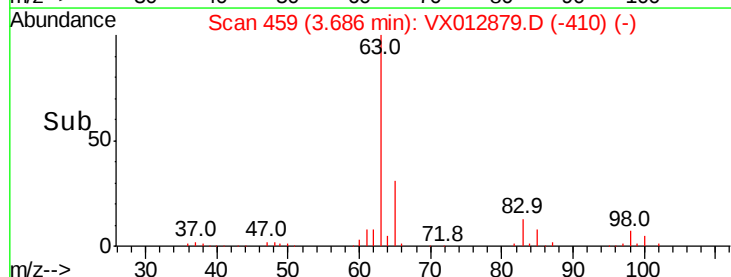
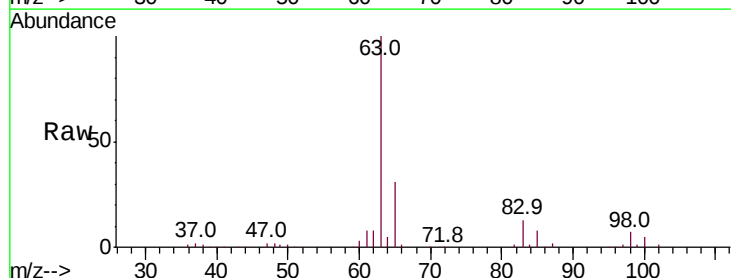
Tgt Ion: 63 Resp: 169417

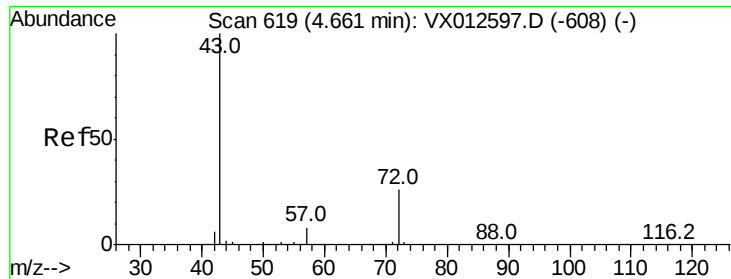
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 206.957 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

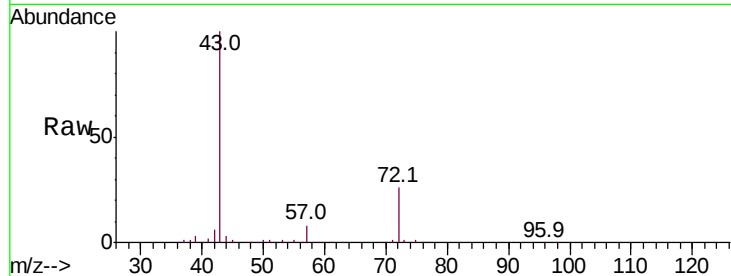
ClientSampled :

Tot Ion: 43 Resp: 379101

Ion Ratio Lower Upper

43 100

72 26.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

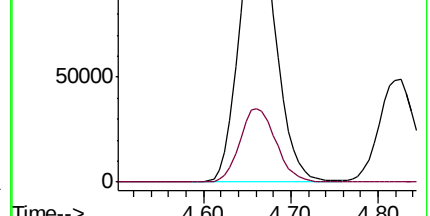
150000

100000

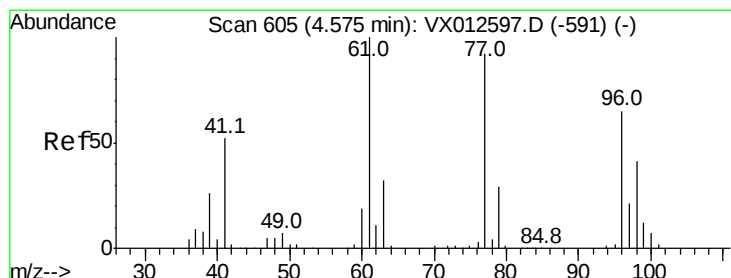
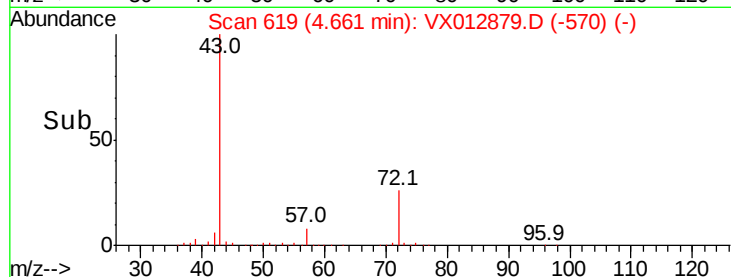
50000

0

4.60 4.70 4.80



Time-->



#26

2,2-Dichloropropane

Concen: 26.669 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012879.D

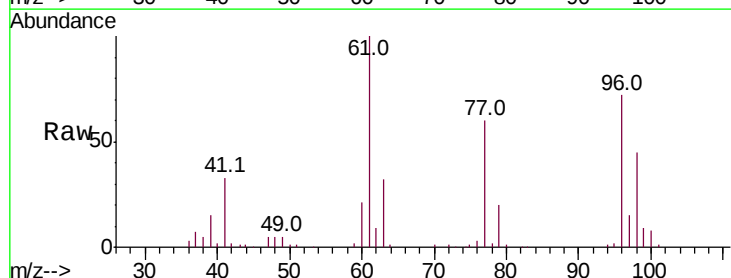
Acq: 08 Oct 2019 08:19

Tgt Ion: 77 Resp: 88022

Ion Ratio Lower Upper

77 100

97 25.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

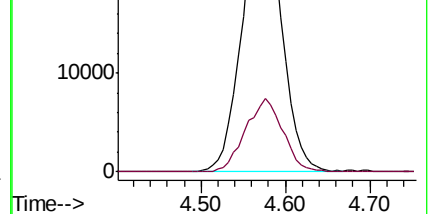
30000

20000

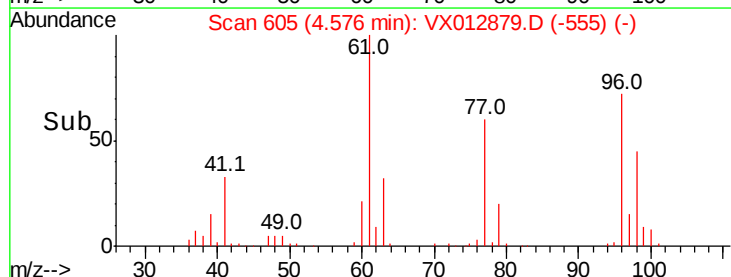
10000

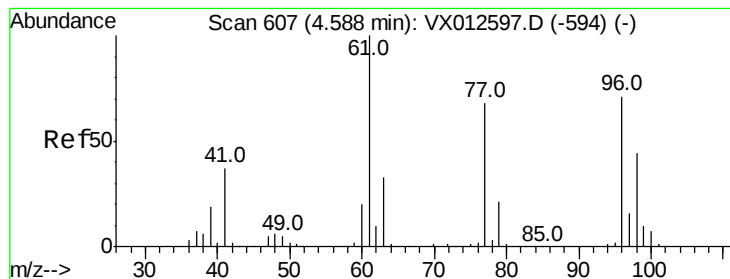
0

4.50 4.60 4.70



Time-->



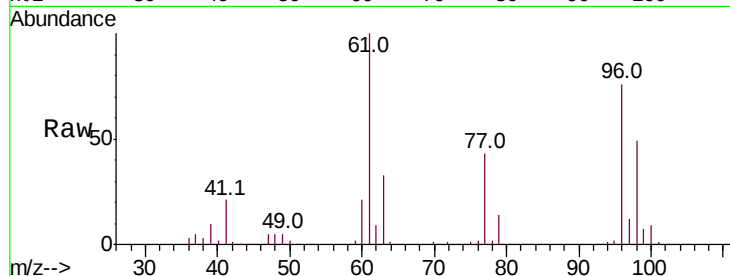


#27

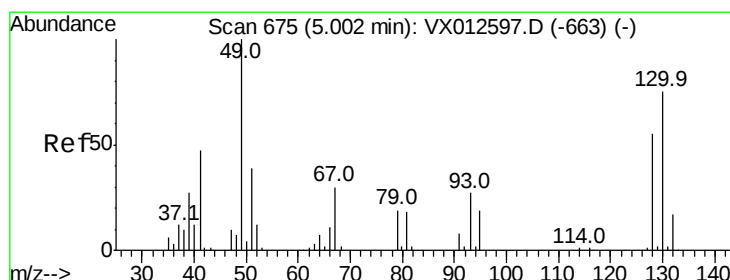
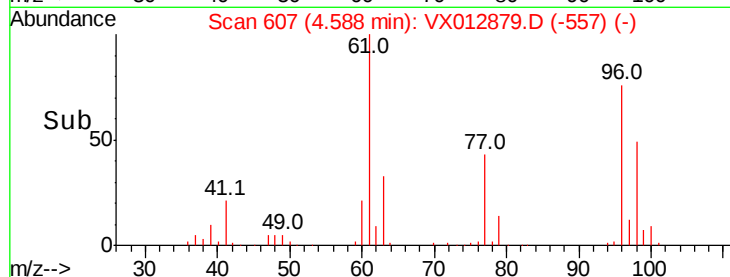
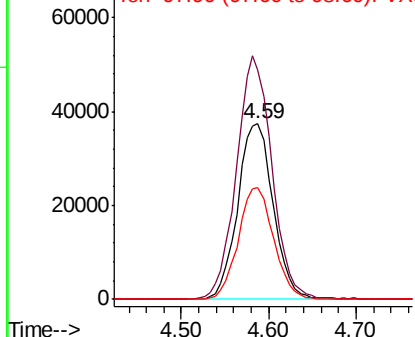
cis-1,2-Dichloroethene
Concen: 46.051 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	105418
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	319.4
98	63.9	0.0	130.6



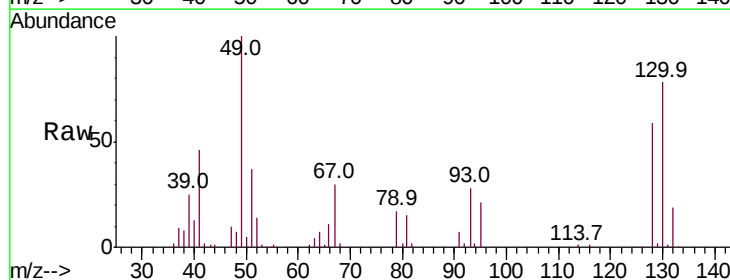
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



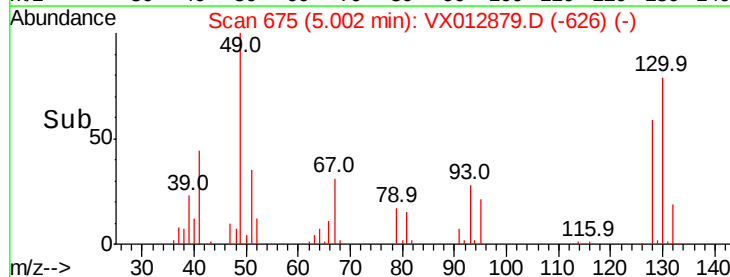
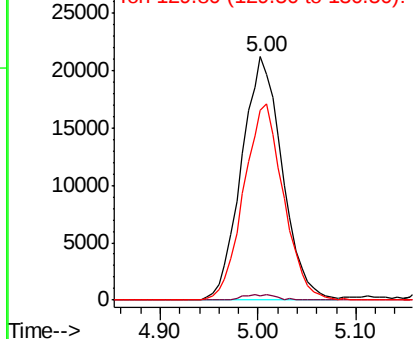
#28

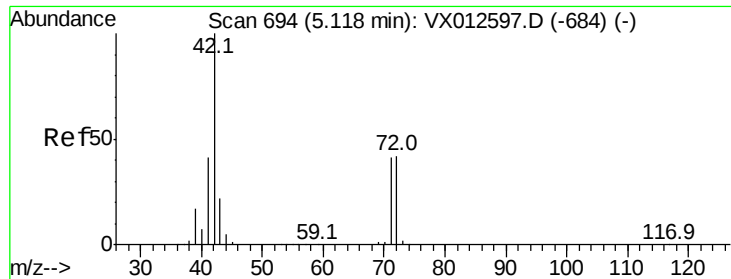
Bromochloromethane
Concen: 45.749 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion	49	Resp	61645
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	78.9	58.2	87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 216.422 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampled :

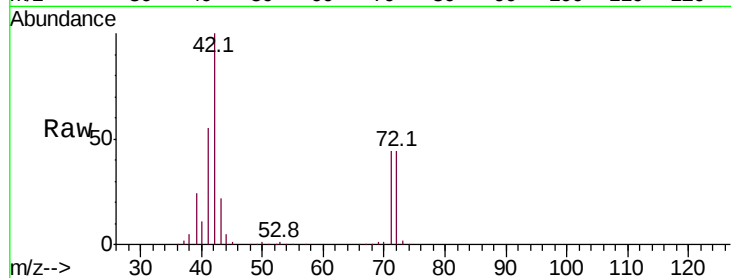
Tot Ion: 42 Resp: 241631

Ion Ratio Lower Upper

42 100

72 45.9 34.0 51.0

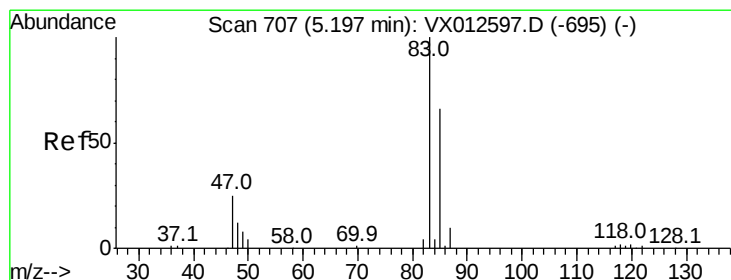
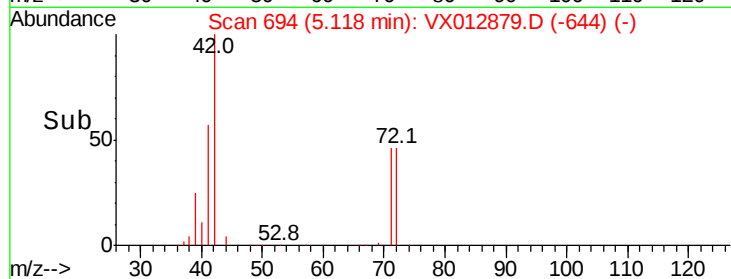
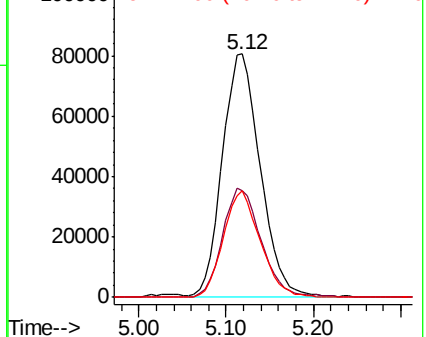
71 42.9 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.074 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012879.D

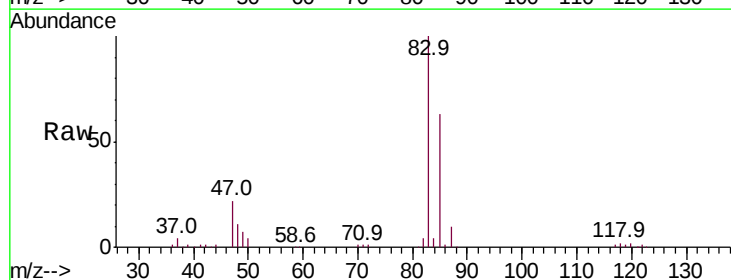
Acq: 08 Oct 2019 08:19

Tgt Ion: 83 Resp: 171129

Ion Ratio Lower Upper

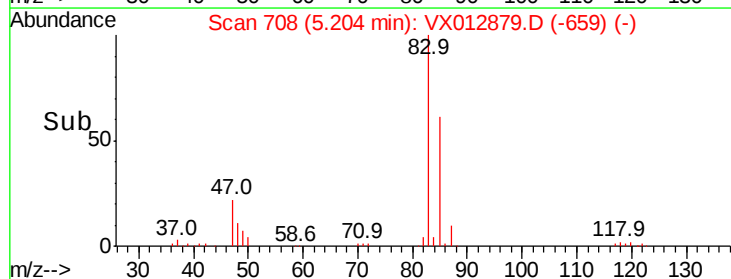
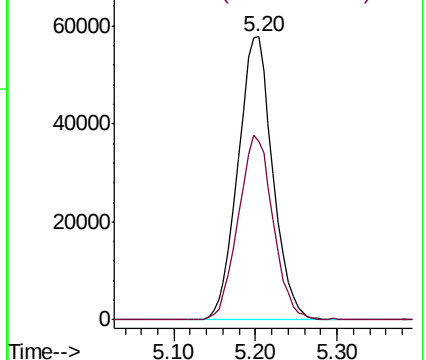
83 100

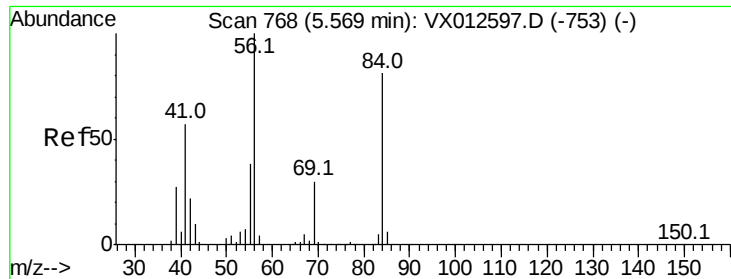
85 62.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

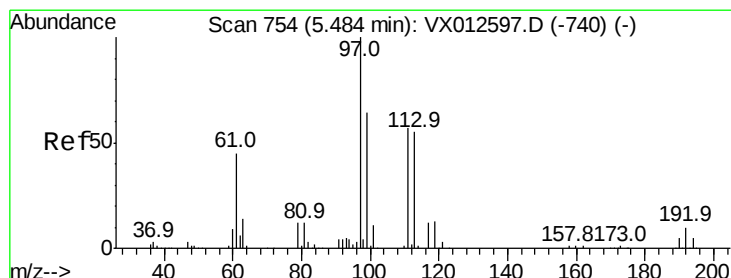
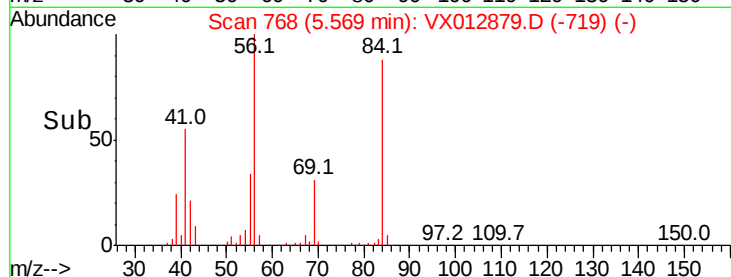
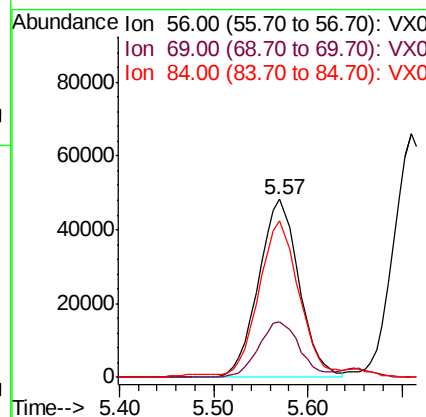
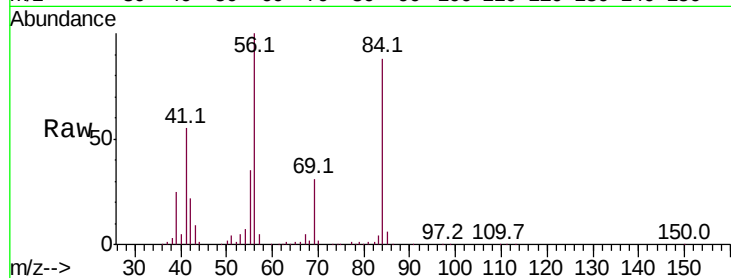




#31
Cyclohexane
Concen: 43.276 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

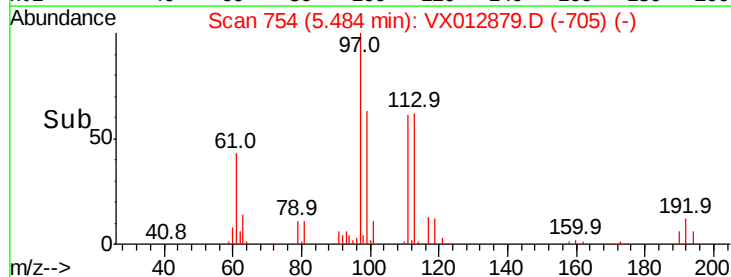
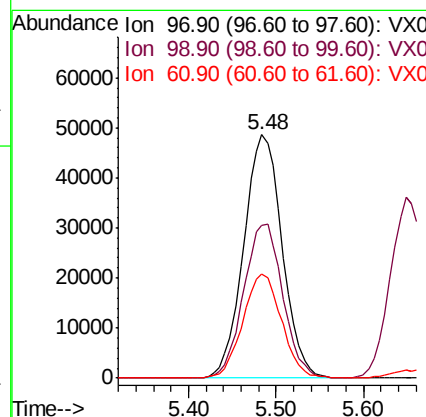
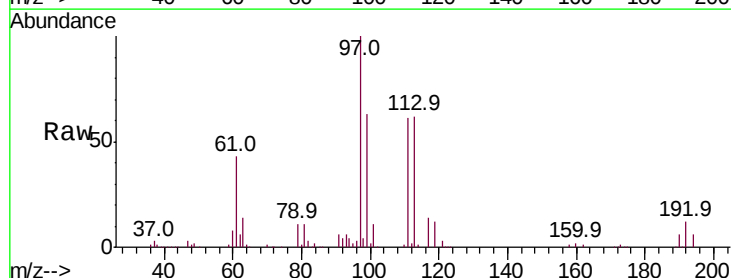
Instrument :
MSVOA_X
ClientSampled :

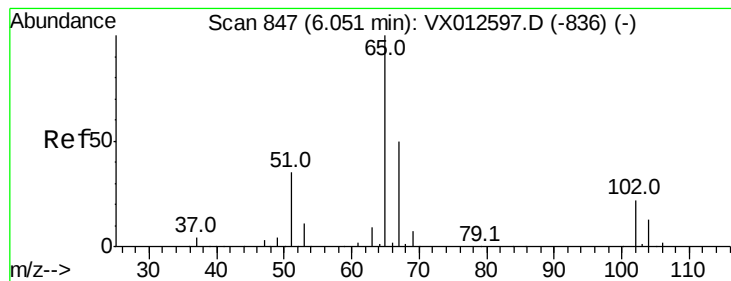
Tot Ion: 56 Resp: 145286
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 86.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 44.241 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 97 Resp: 148865
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 43.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 44.476 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

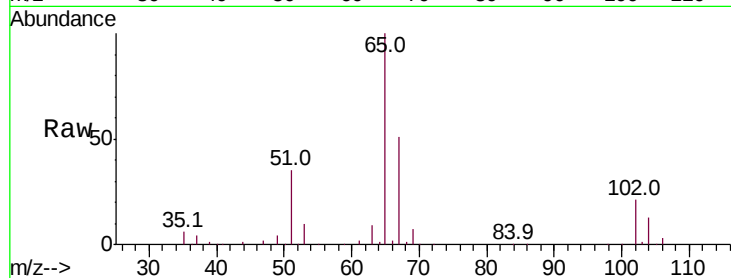
ClientSampled :

Tot Ion: 65 Resp: 107271

Ion Ratio Lower Upper

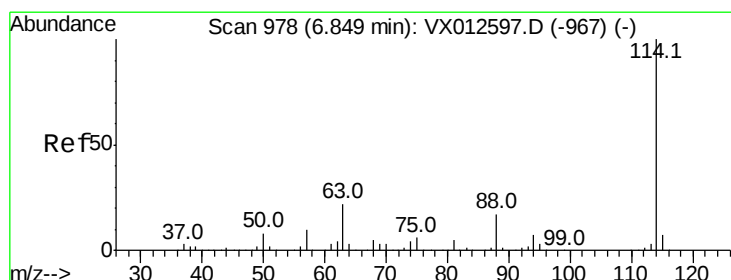
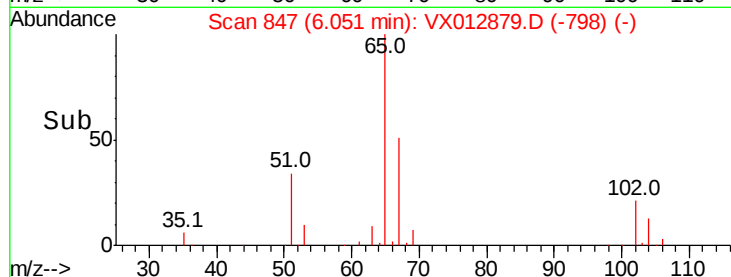
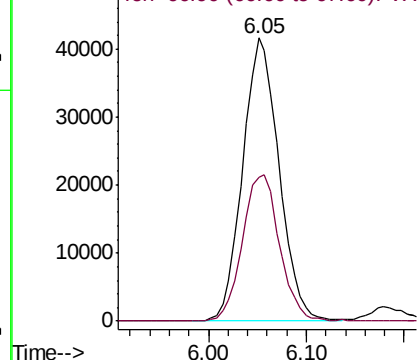
65 100

67 52.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

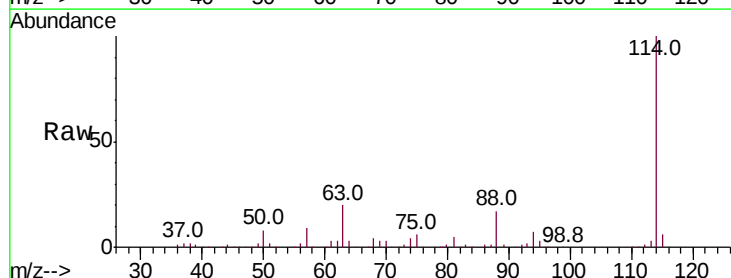
Tgt Ion:114 Resp: 286363

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

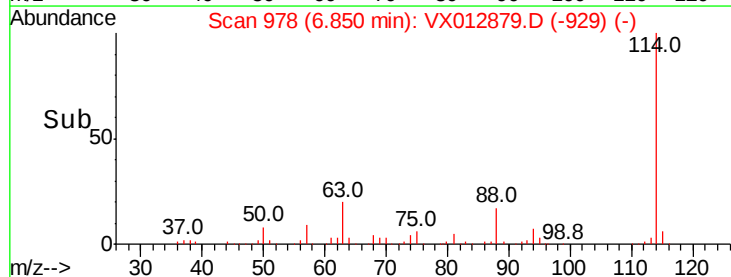
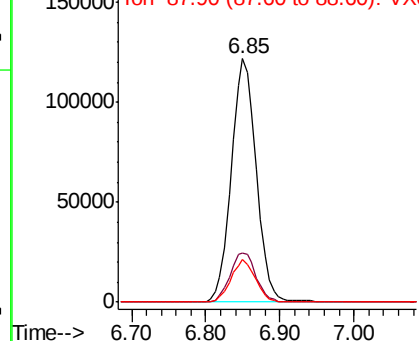
88 17.3 0.0 33.2

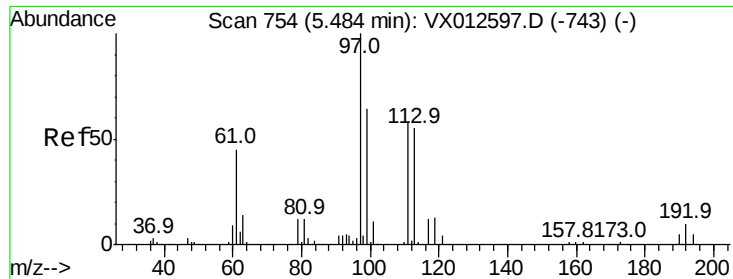


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

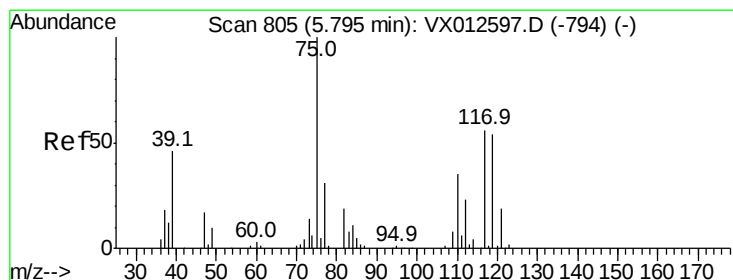
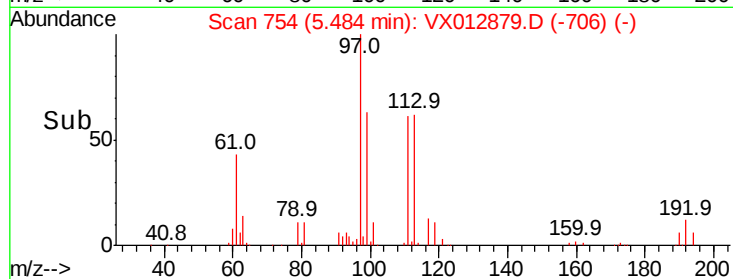
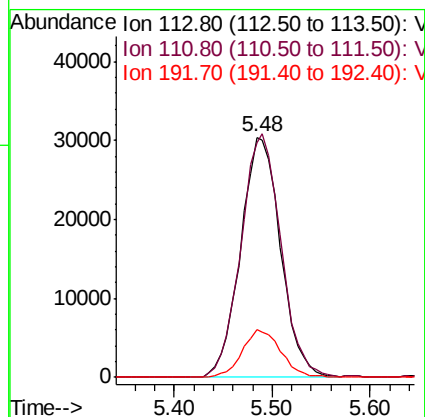
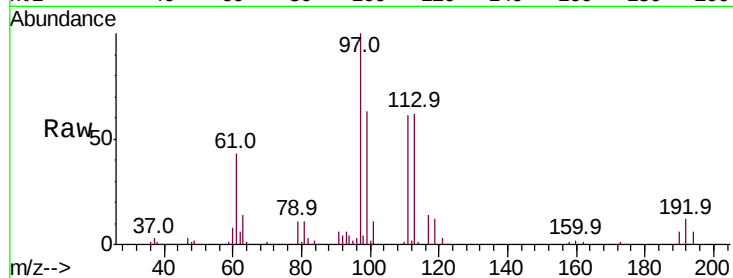




#35
 Dibromofluoromethane
 Concen: 50.718 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

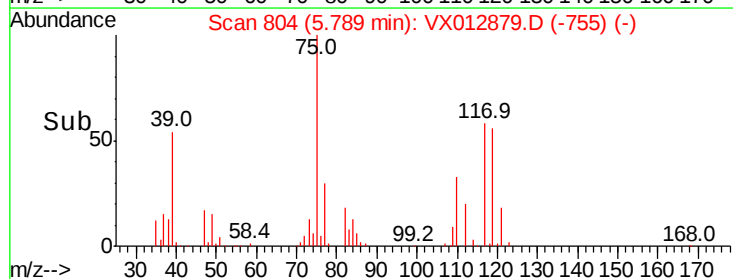
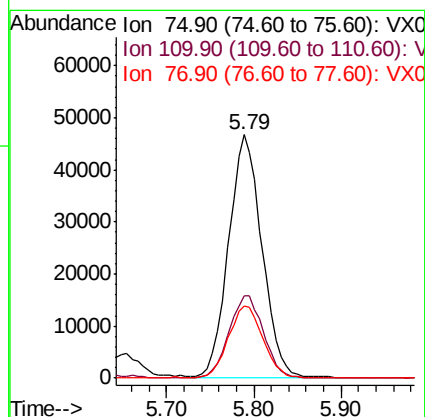
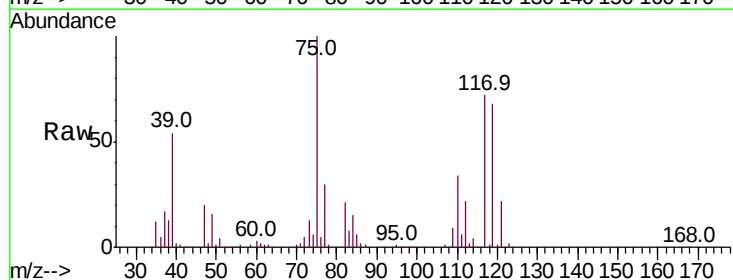
Instrument :
 MSVOA_X
 ClientSampled :

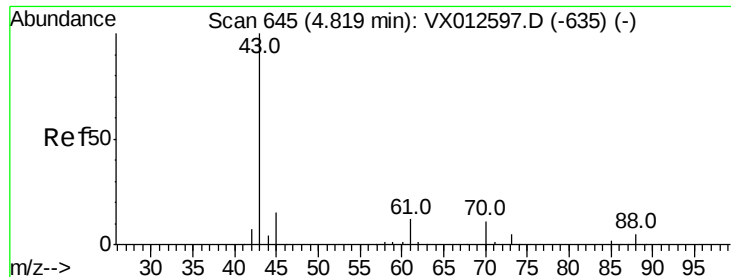
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.4	125.2
192	19.1	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 44.725 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.7	50.0
77	30.9	24.2	36.2

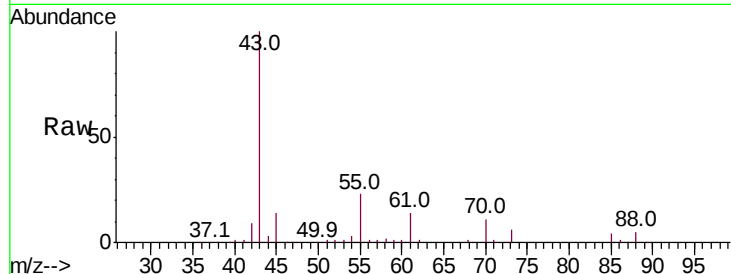




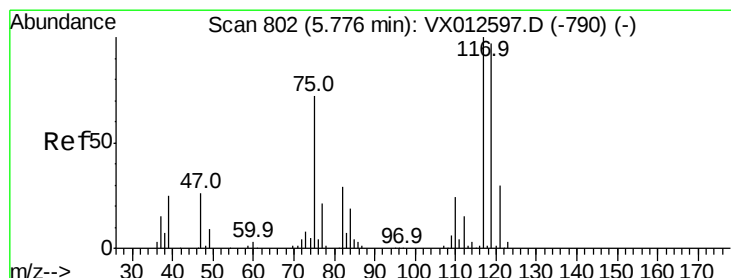
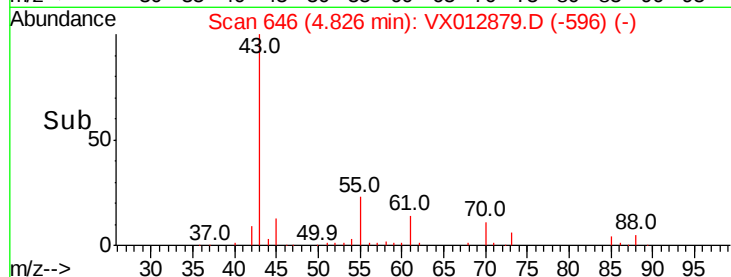
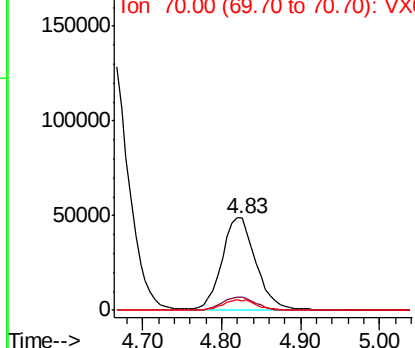
#37
Ethyl Acetate
Concen: 45.157 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 145722
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.4
70 11.7 8.7 13.1

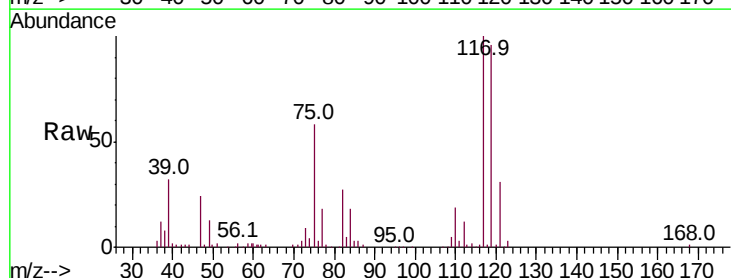


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

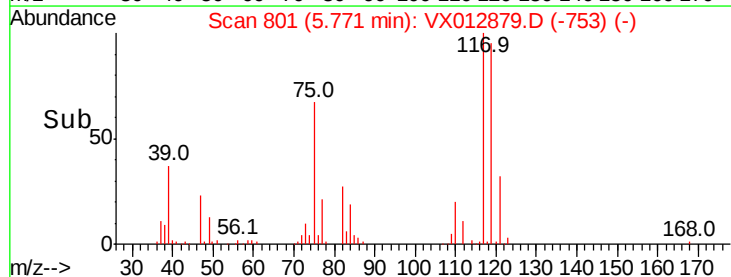
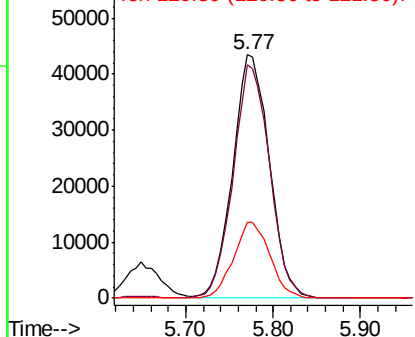


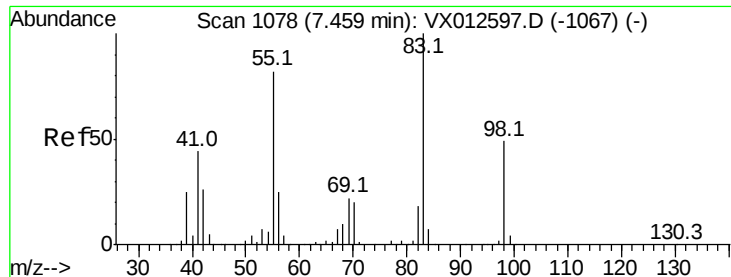
#38
Carbon Tetrachloride
Concen: 45.081 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 117 Resp: 126403
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 31.4 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

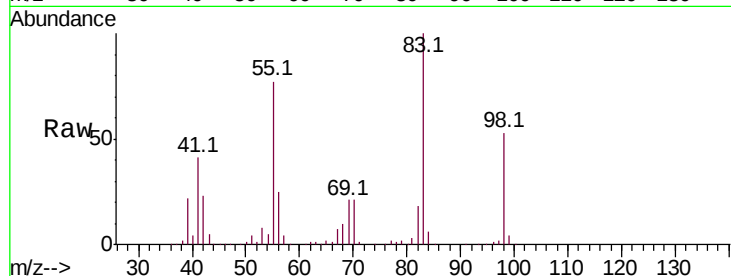




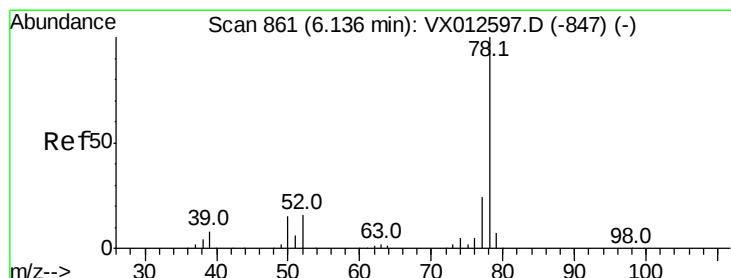
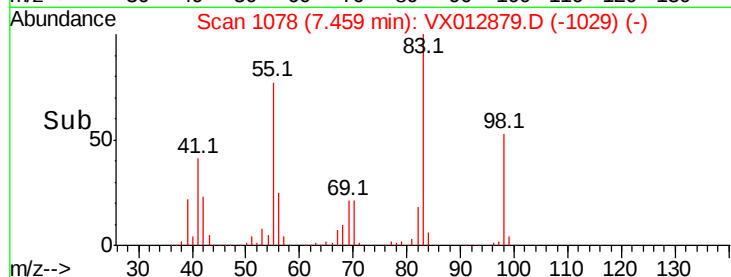
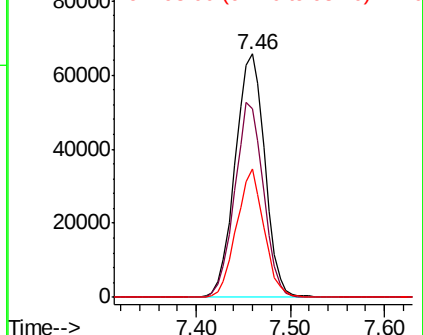
#39
Methvlcvclohexane
Concen: 43.435 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 144333
Ion Ratio Lower Upper
83 100
55 77.4 64.4 96.6
98 52.8 40.1 60.1

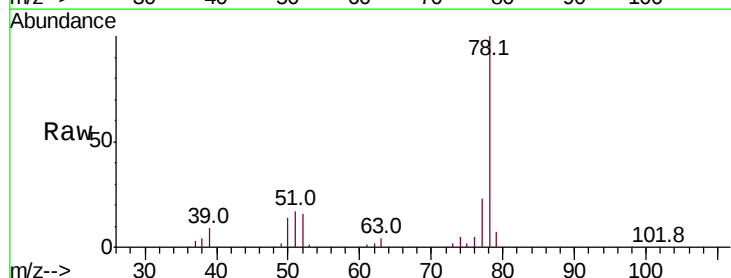


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

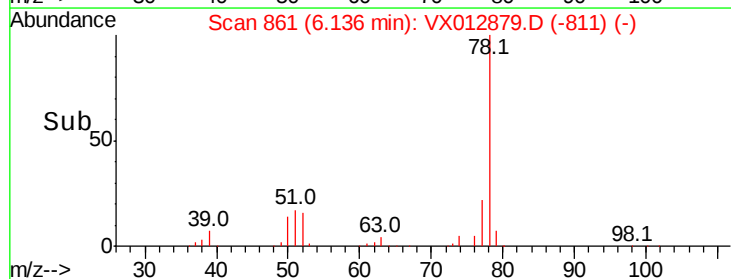
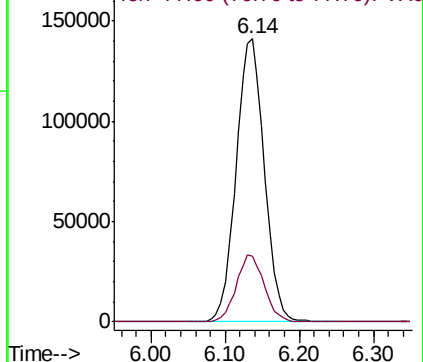


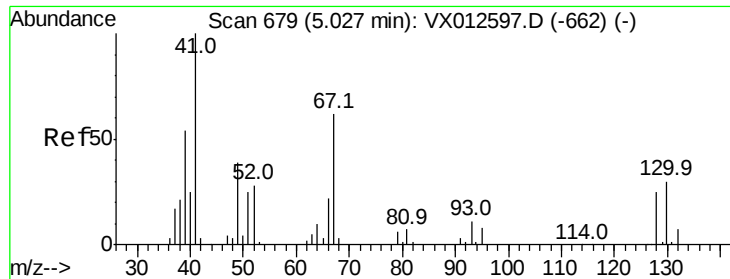
#40
Benzene
Concen: 46.137 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 78 Resp: 374696
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



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

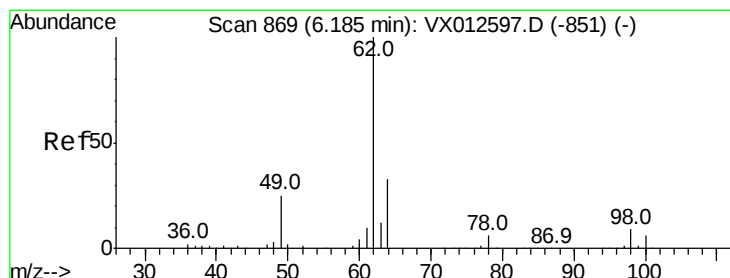
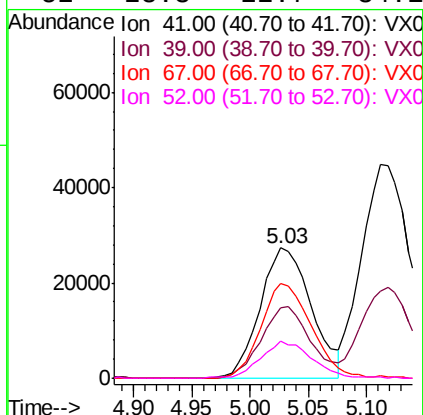
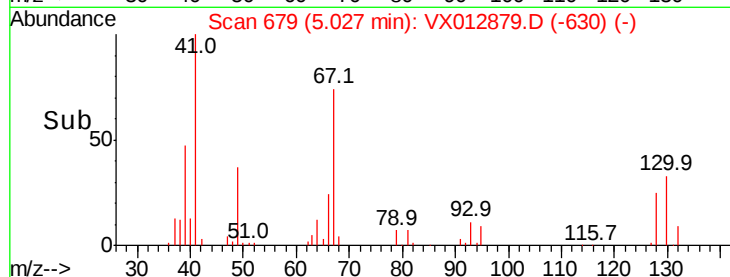
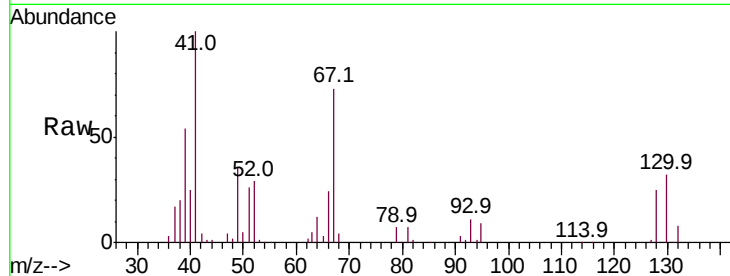




#41
Methacrylonitrile
Concen: 46.156 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

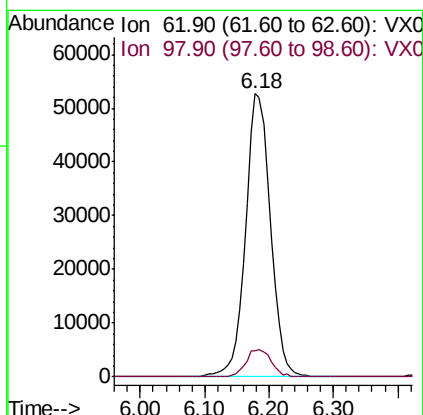
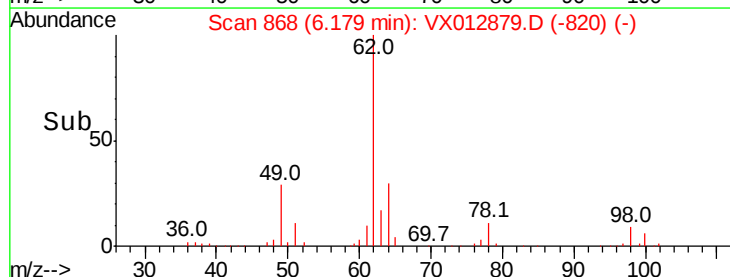
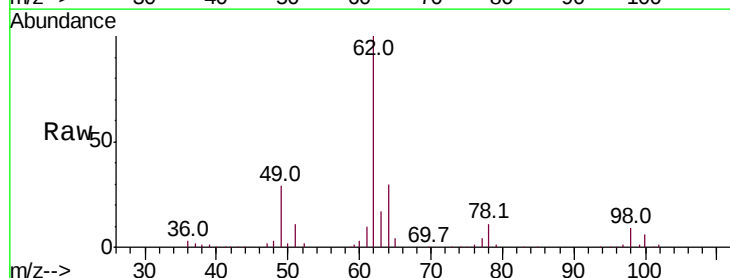
Instrument :
MSVOA_X
ClientSampled :

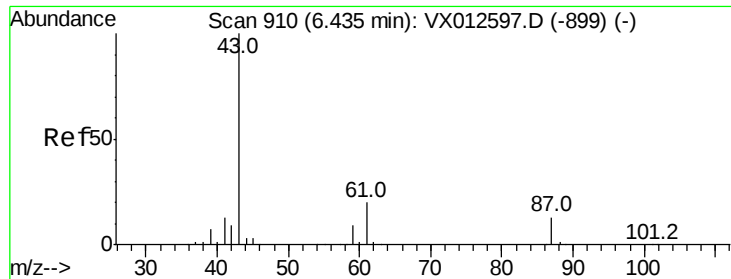
Tot Ion: 41 Resp: 83569
Ion Ratio Lower Upper
41 100
39 53.2 46.0 69.0
67 72.0 52.2 78.2
52 28.3 22.7 34.1



#42
1,2-Dichloroethane
Concen: 45.120 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 62 Resp: 139151
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.8





#43

Isopropyl Acetate

Concen: 44.899 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

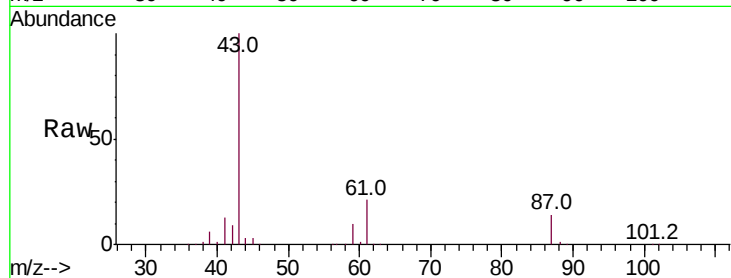
Tot Ion: 43 Resp: 242299

Ion Ratio Lower Upper

43 100

61 21.0 15.4 23.0

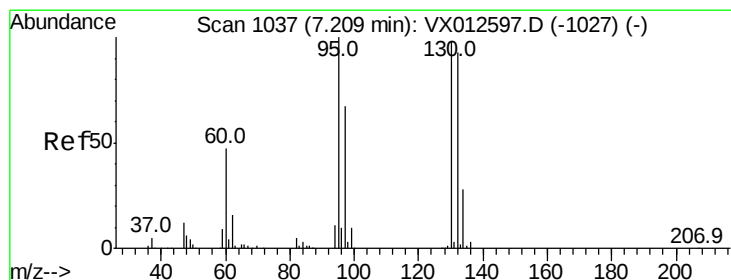
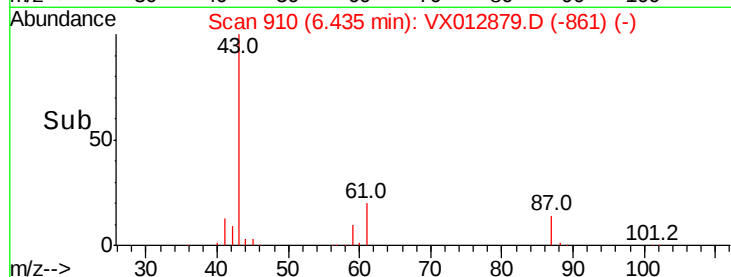
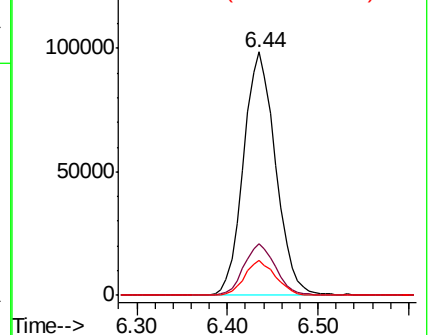
87 13.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.819 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012879.D

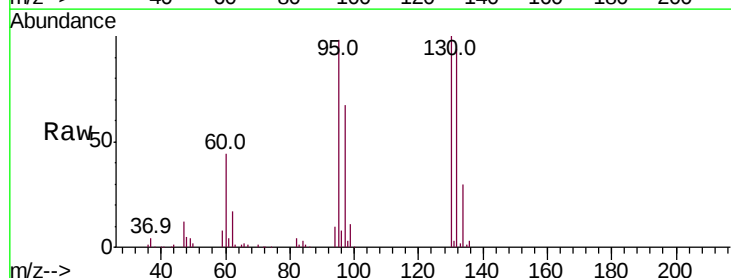
Acq: 08 Oct 2019 08:19

Tgt Ion:130 Resp: 97206

Ion Ratio Lower Upper

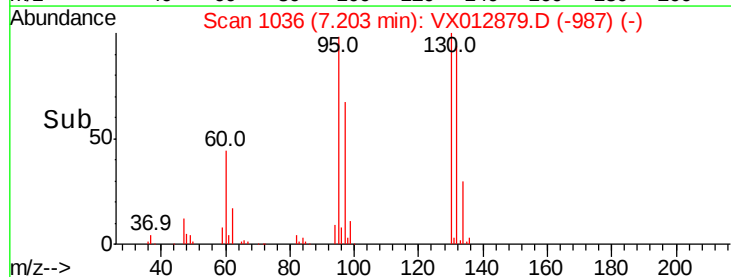
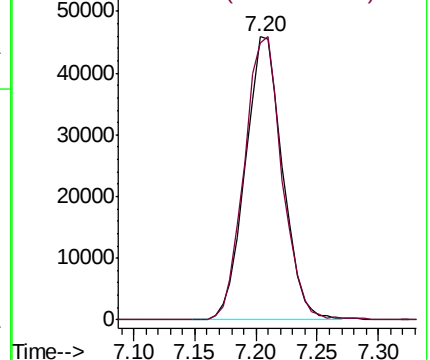
130 100

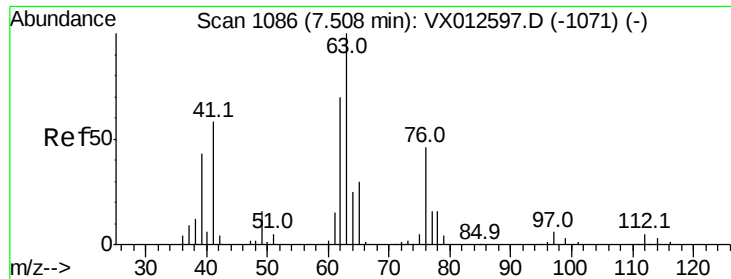
95 98.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

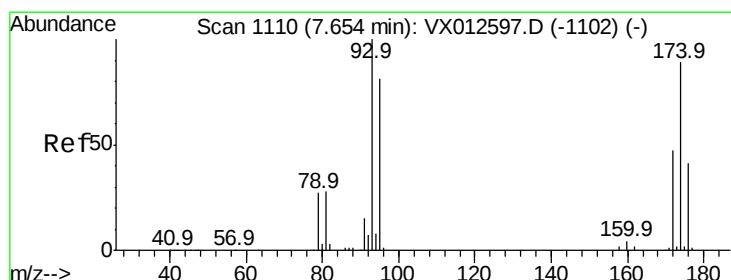
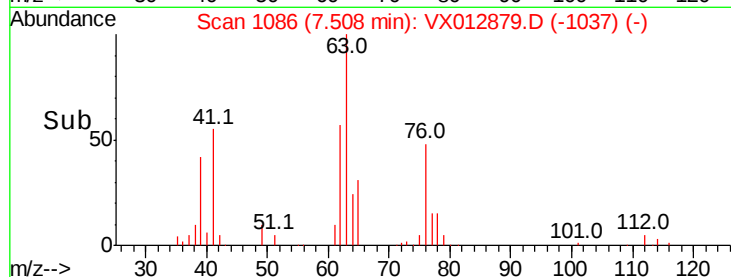
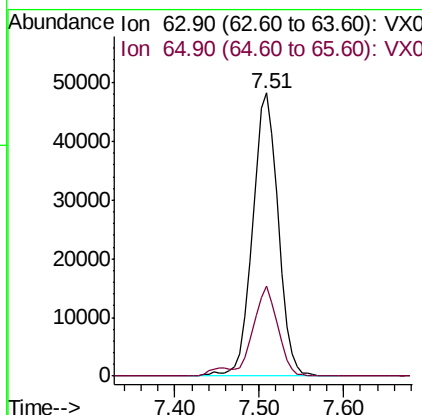
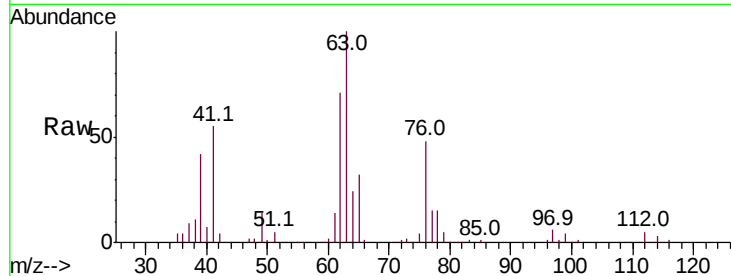




#45
 1,2-Dichloropropane
 Concen: 47.817 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

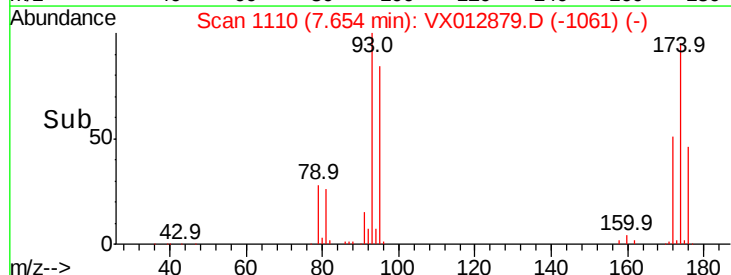
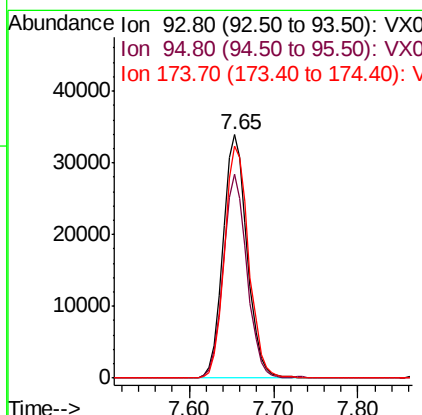
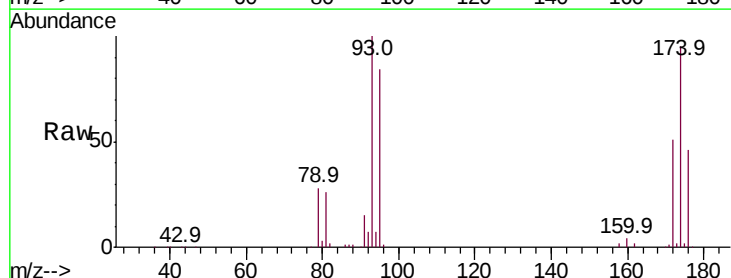
Instrument :
 MSVOA_X
 ClientSampled :

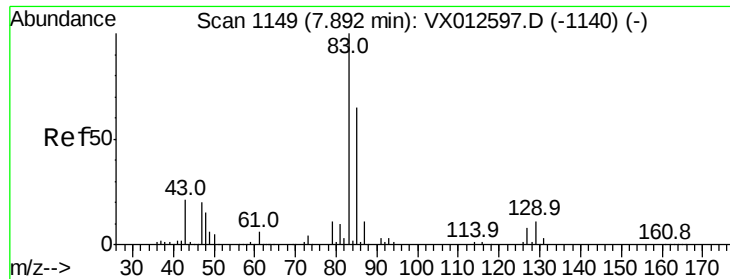
Tot Ion: 63 Resp: 99424
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.6



#46
 Dibromomethane
 Concen: 46.843 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

Tgt Ion: 93 Resp: 66314
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 96.1 77.4 116.0





#47

Bromodichloromethane

Concen: 47.073 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

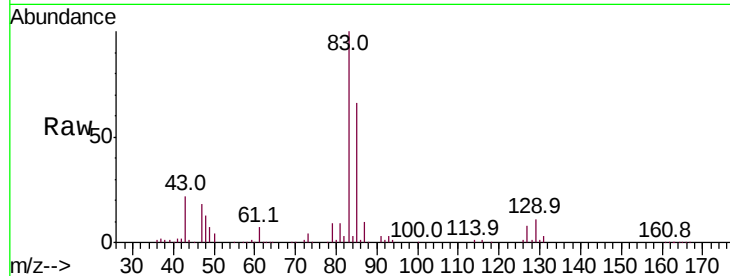
Tot Ion: 83 Resp: 133187

Ion Ratio Lower Upper

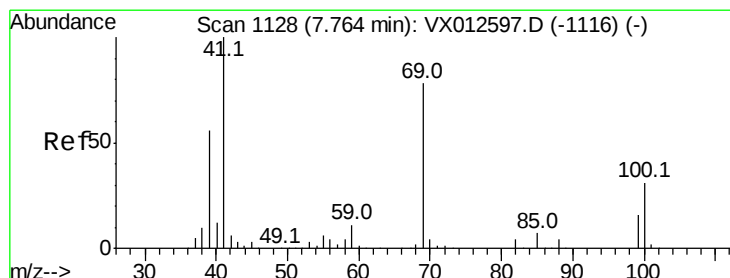
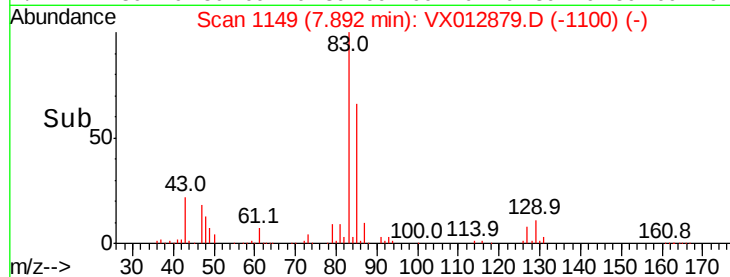
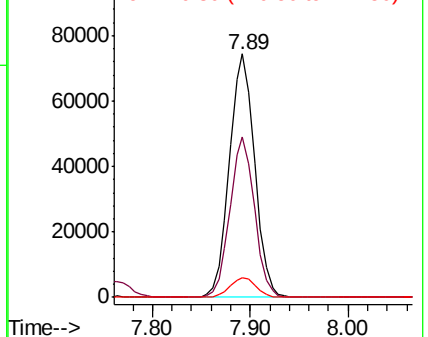
83 100

85 65.7 51.8 77.6

127 8.0 7.3 10.9



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



#48

Methyl methacrylate

Concen: 44.949 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

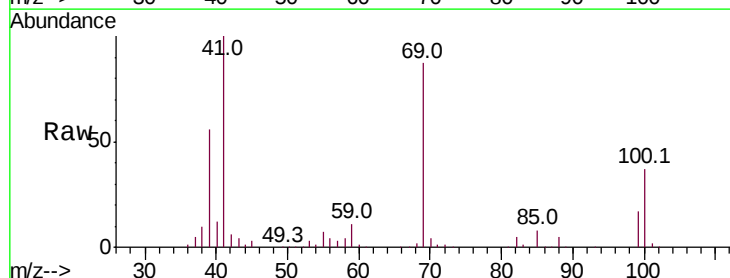
Tgt Ion: 41 Resp: 116311

Ion Ratio Lower Upper

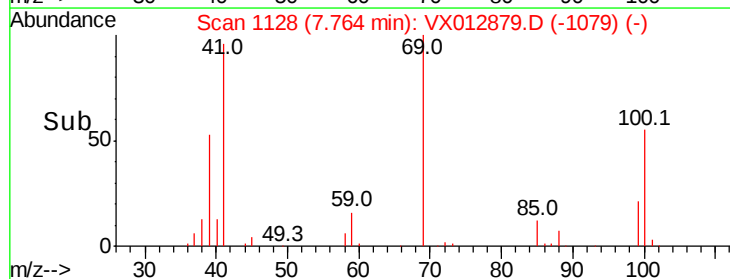
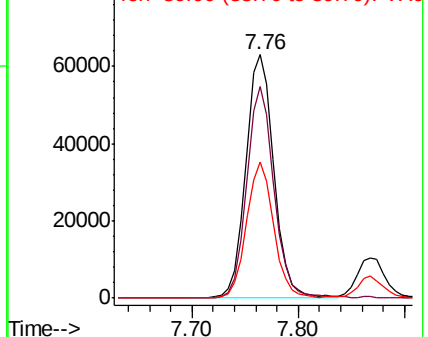
41 100

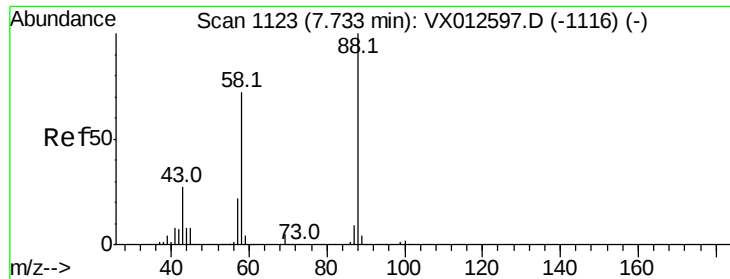
69 84.7 59.9 89.9

39 54.7 47.8 71.6



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

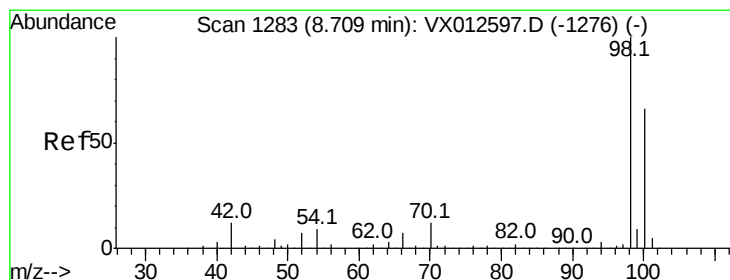
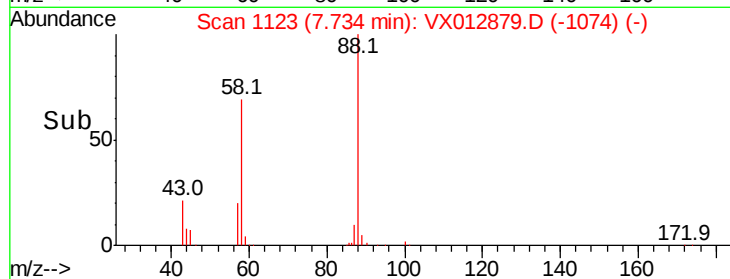
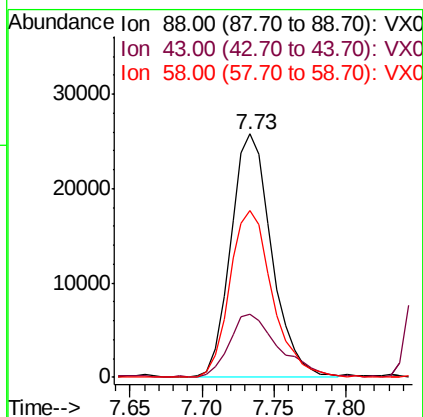
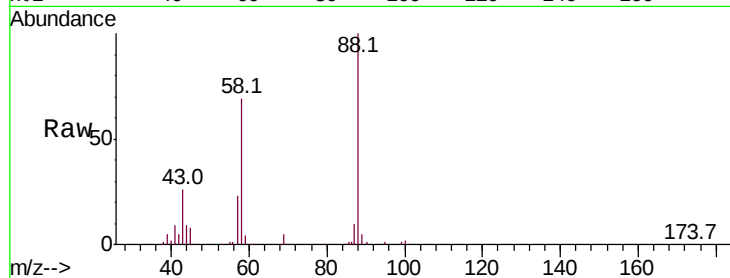




#49
1,4-Dioxane
Concen: 867.651 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

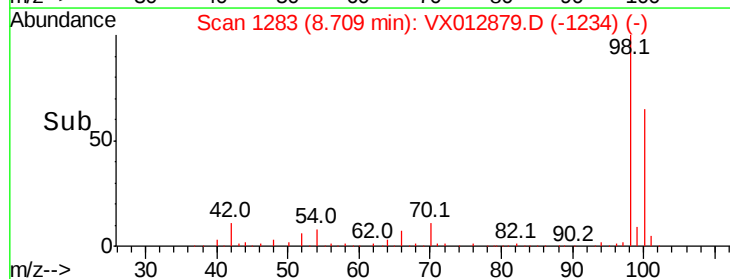
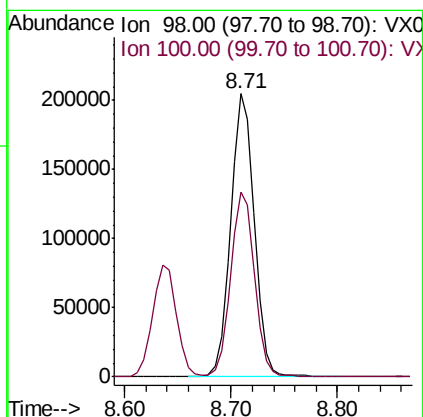
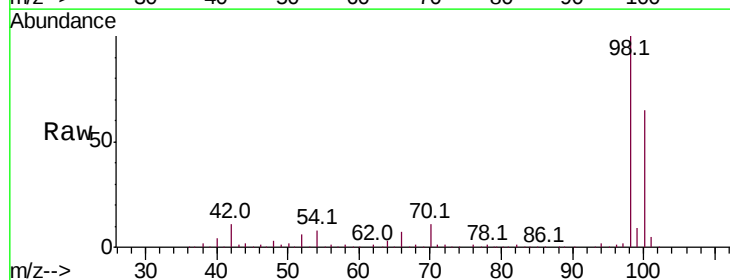
Instrument :
MSVOA_X
ClientSampleId :

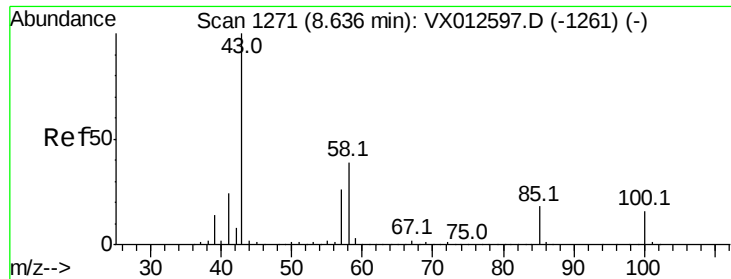
Tot Ion: 88 Resp: 50924
Ion Ratio Lower Upper
88 100
43 30.9 29.4 44.0
58 71.8 57.5 86.3



#50
Toluene-d8
Concen: 48.617 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 98 Resp: 319297
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 226.333 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

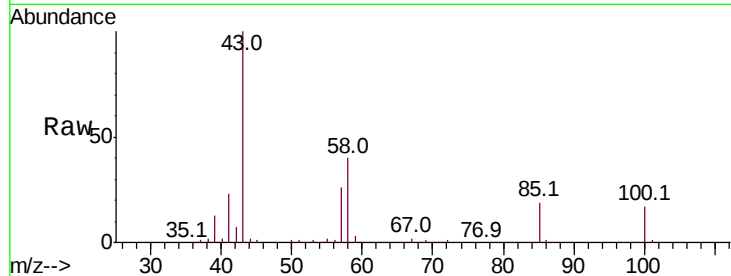
ClientSampleId :

Tot Ion: 43 Resp: 753960

Ion Ratio Lower Upper

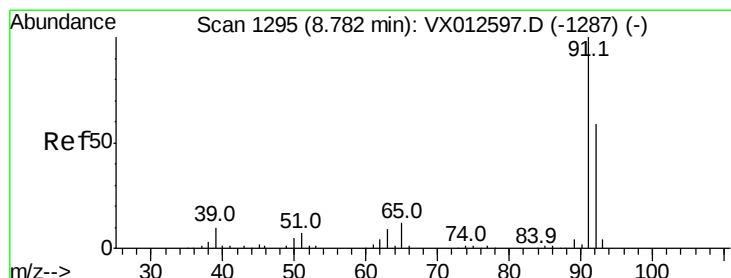
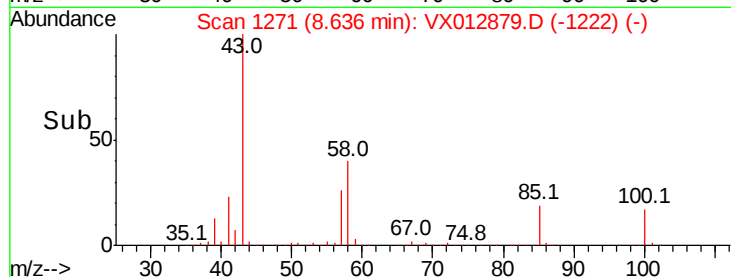
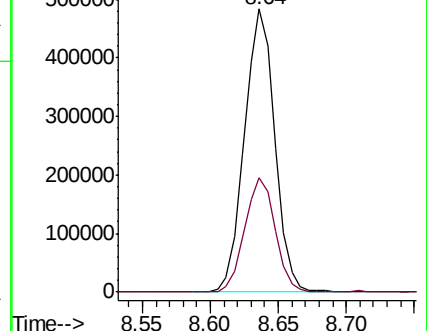
43 100

58 40.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.404 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012879.D

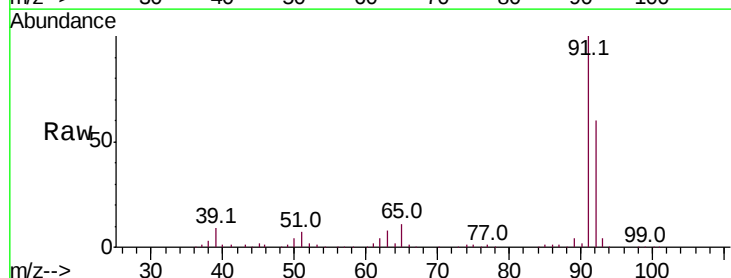
Acq: 08 Oct 2019 08:19

Tgt Ion: 92 Resp: 241968

Ion Ratio Lower Upper

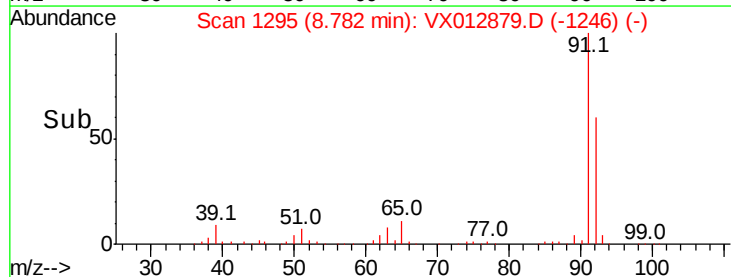
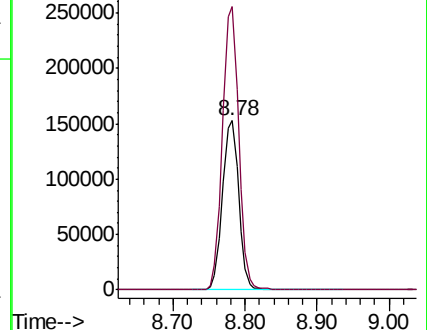
92 100

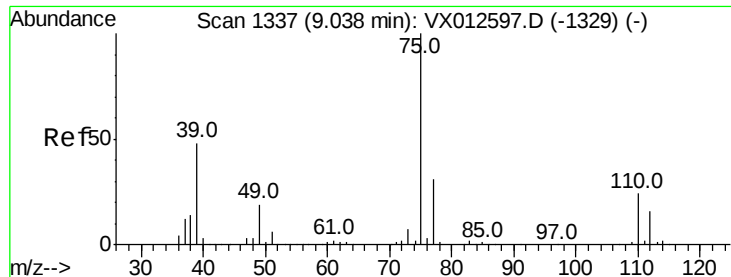
91 166.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

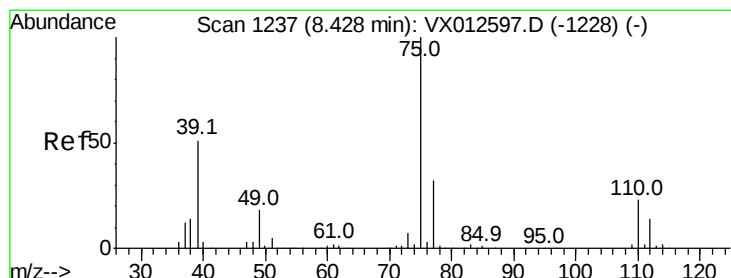
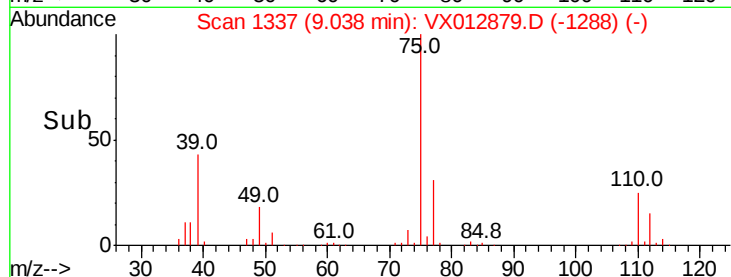
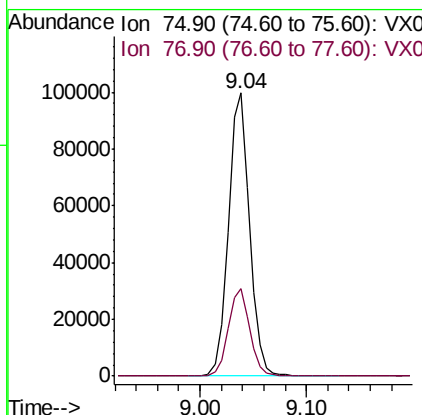
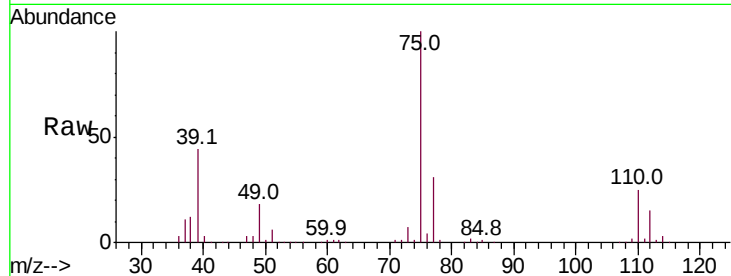




#53
 t-1,3-Dichloropropene
 Concen: 44.213 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

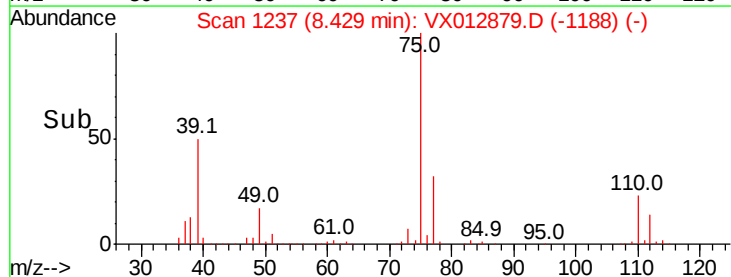
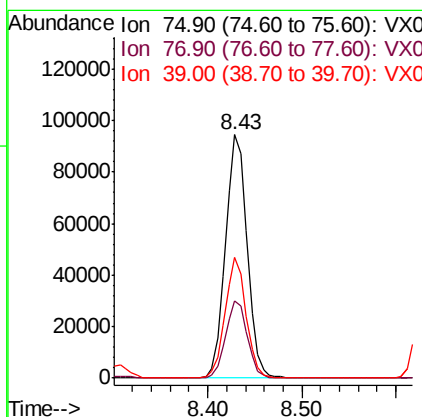
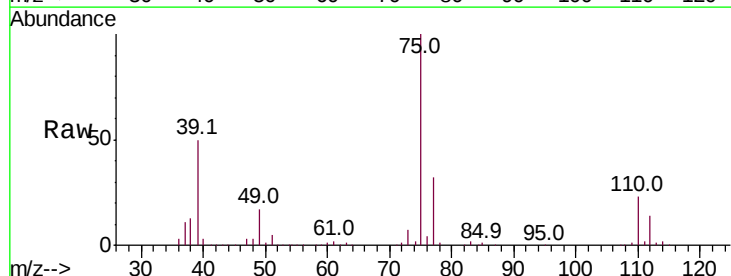
Instrument :
 MSVOA_X
 ClientSampled :

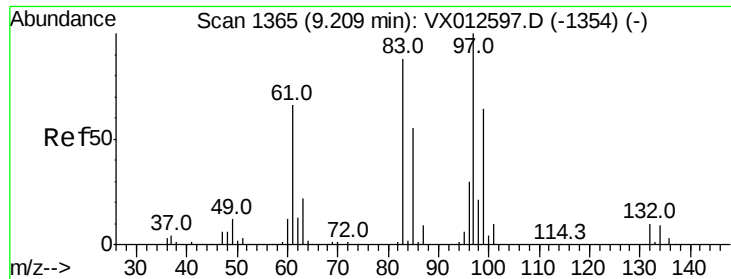
Tot Ion: 75 Resp: 138408
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 44.085 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

Tgt Ion: 75 Resp: 150681
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 49.8 45.5 68.3

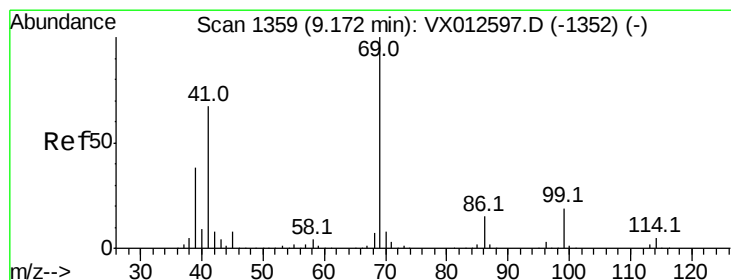
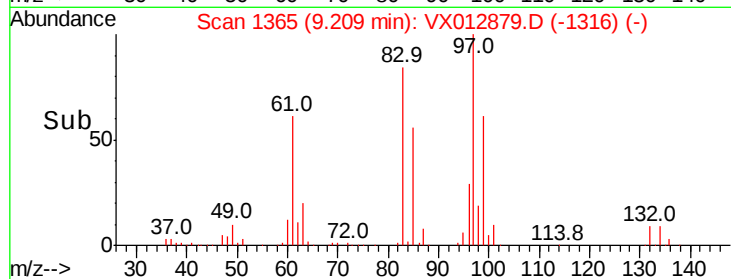
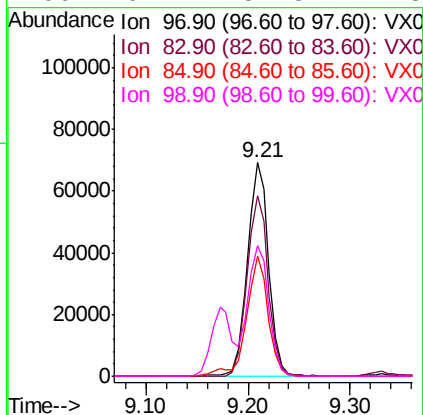
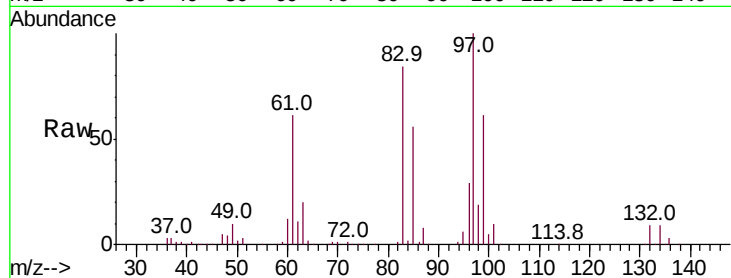




#55
 1,1,2-Trichloroethane
 Concen: 49.290 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

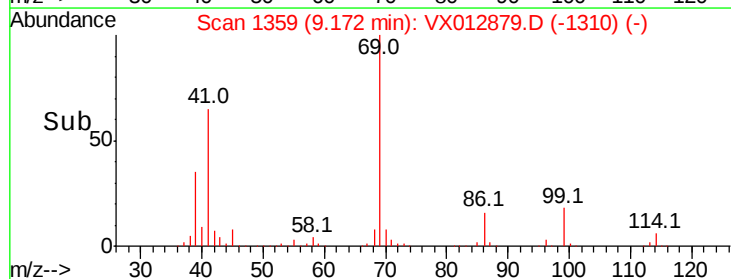
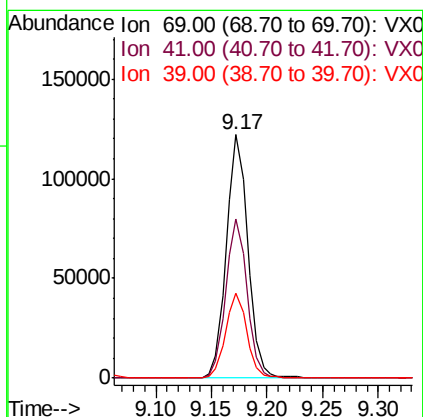
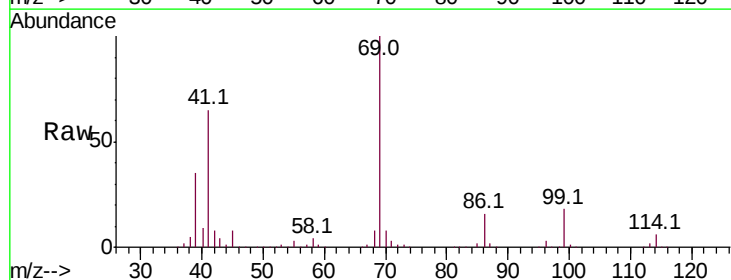
Instrument :
 MSVOA_X
 ClientSampleId :

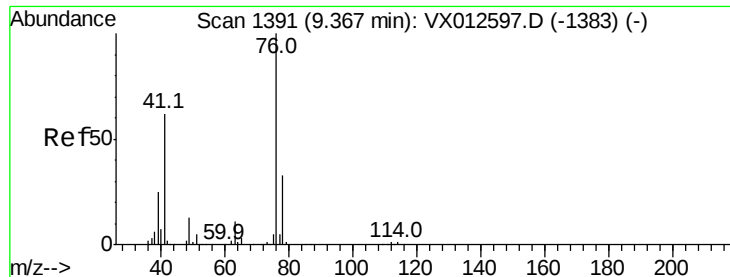
Tot Ion:	97	Resp:	100027
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	56.4	43.5	65.3
99	61.1	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 48.175 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

Tgt Ion:	69	Resp:	164244
Ion	Ratio	Lower	Upper
69	100		
41	65.0	58.4	87.6
39	34.6	33.4	50.0





#57

1,3-Dichloropropane

Concen: 47.118 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

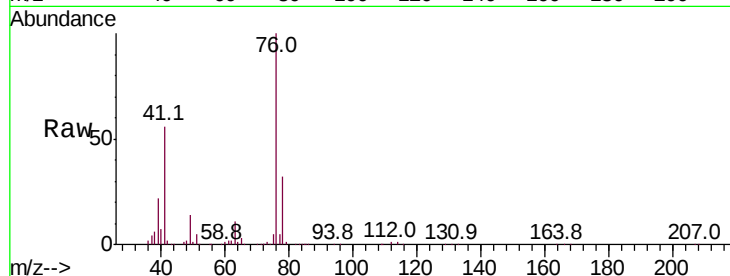
ClientSampleId :

Tot Ion: 76 Resp: 167347

Ion Ratio Lower Upper

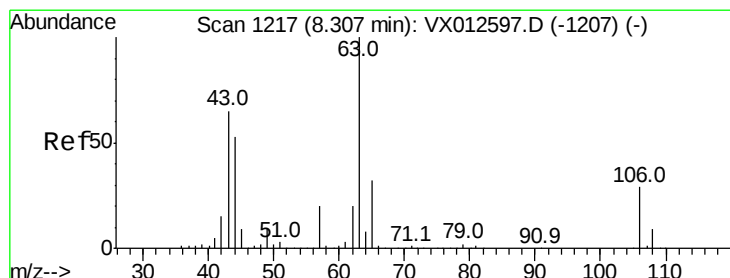
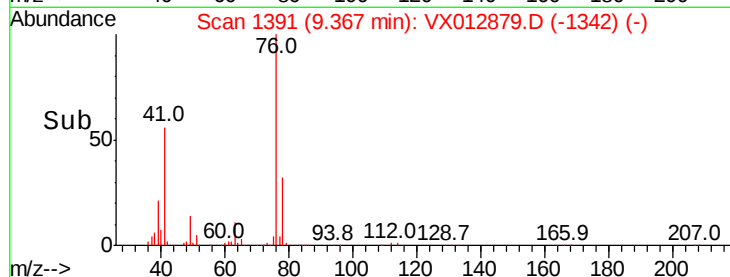
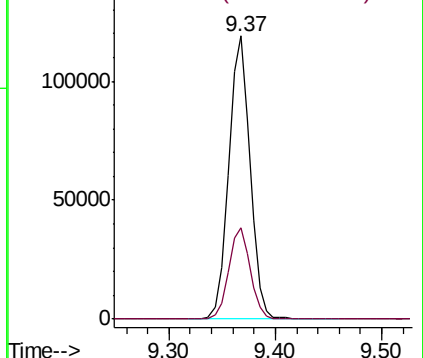
76 100

78 32.6 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 248.789 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012879.D

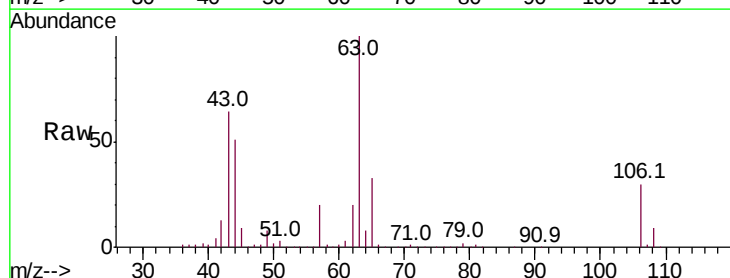
Acq: 08 Oct 2019 08:19

Tgt Ion: 63 Resp: 380733

Ion Ratio Lower Upper

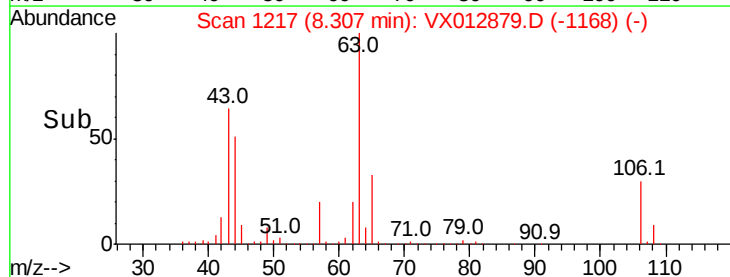
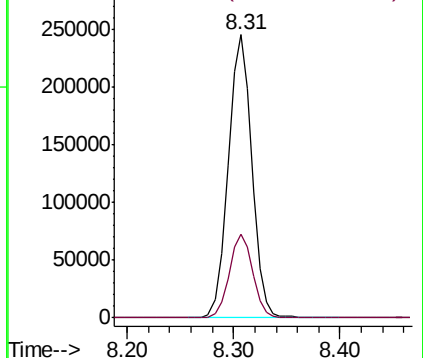
63 100

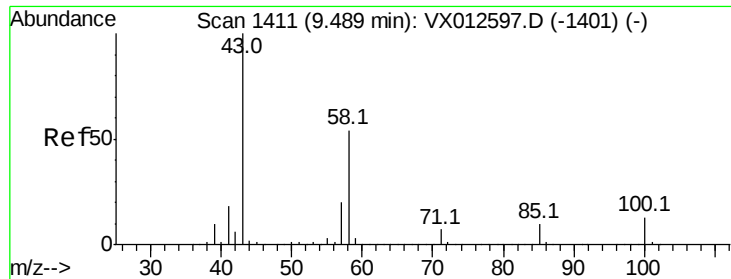
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

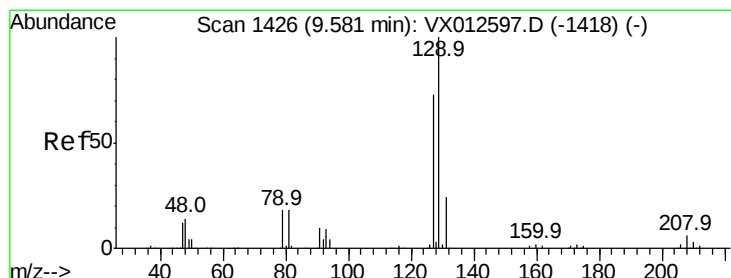
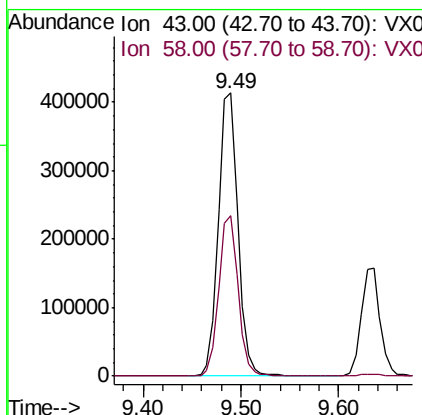
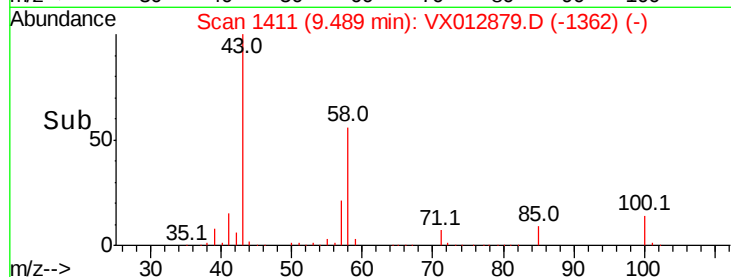
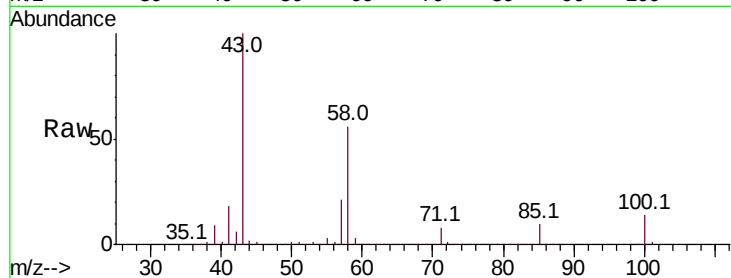




#59
2-Hexanone
Concen: 226.442 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

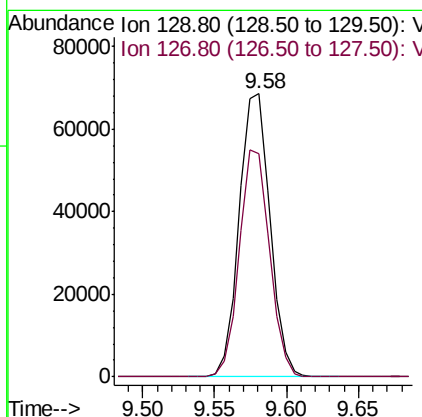
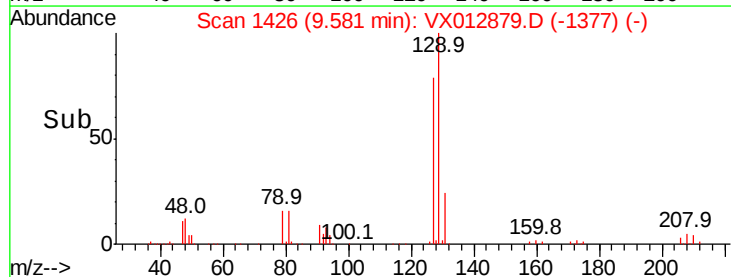
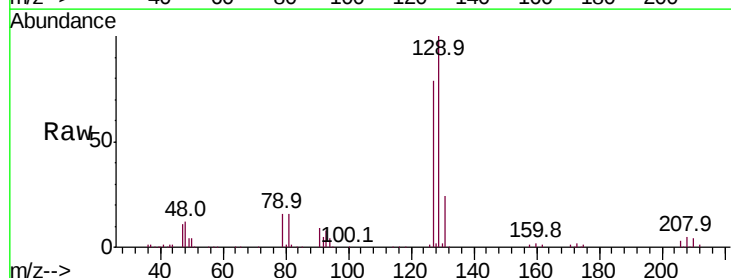
Instrument :
MSVOA_X
ClientSampled :

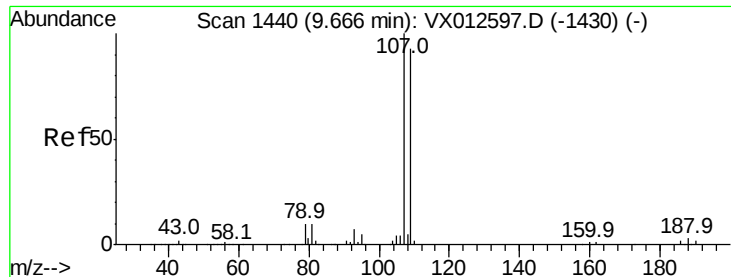
Tot Ion: 43 Resp: 577389
Ion Ratio Lower Upper
43 100
58 56.1 25.7 77.1



#60
Dibromochloromethane
Concen: 49.728 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion:129 Resp: 102156
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.272 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

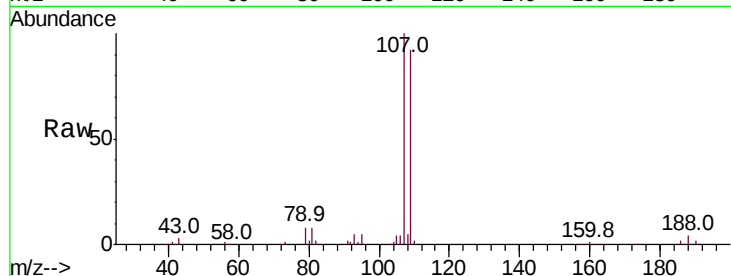
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 104062

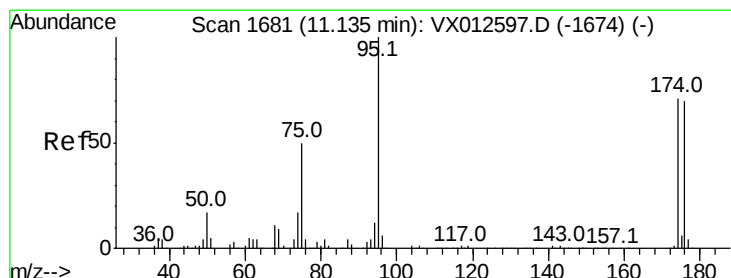
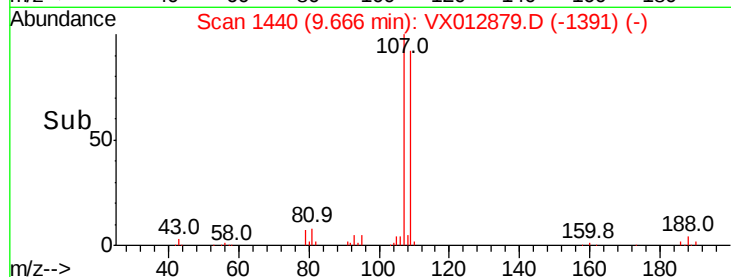
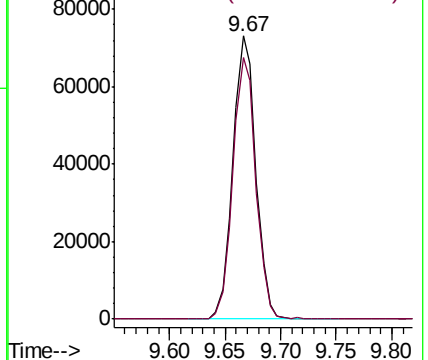
Ion Ratio Lower Upper

107 100

109 92.9 74.7 112.1



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



#62

4-Bromofluorobenzene

Concen: 48.373 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

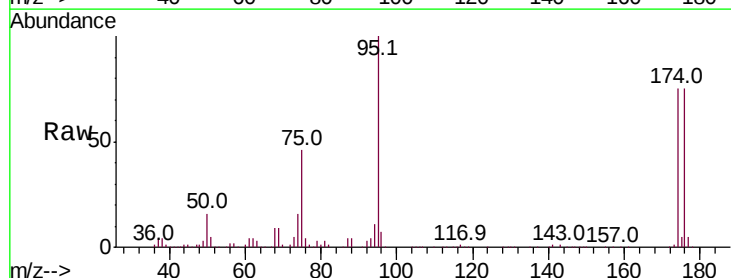
Tgt Ion: 95 Resp: 124920

Ion Ratio Lower Upper

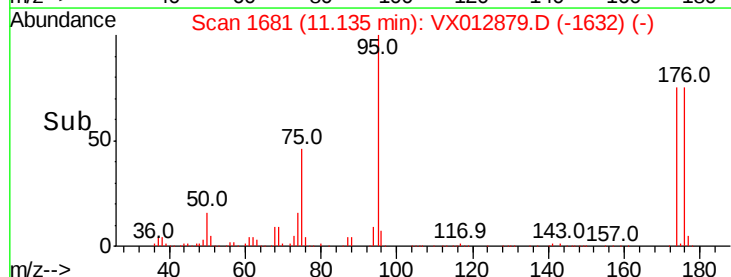
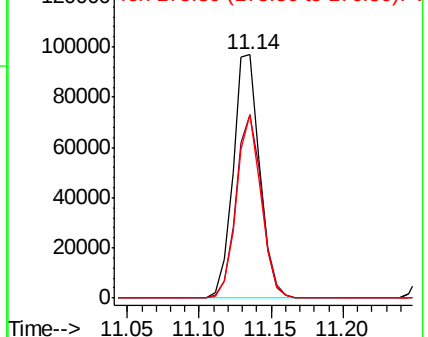
95 100

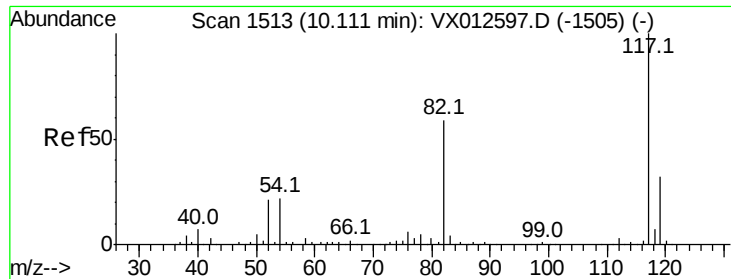
174 73.5 0.0 140.0

176 70.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

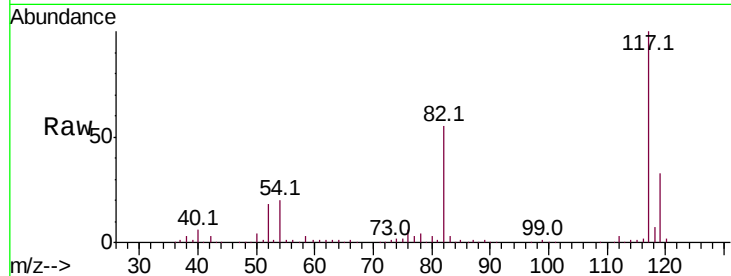




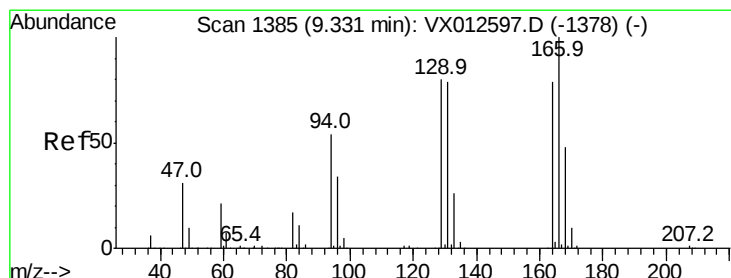
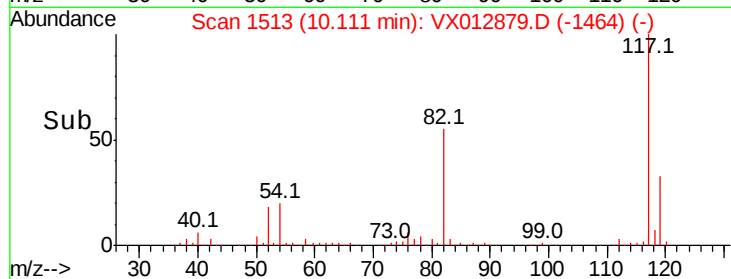
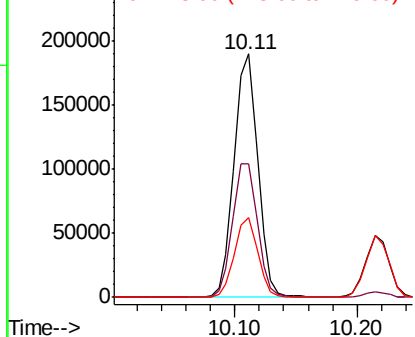
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 254813
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 32.5 25.3 37.9

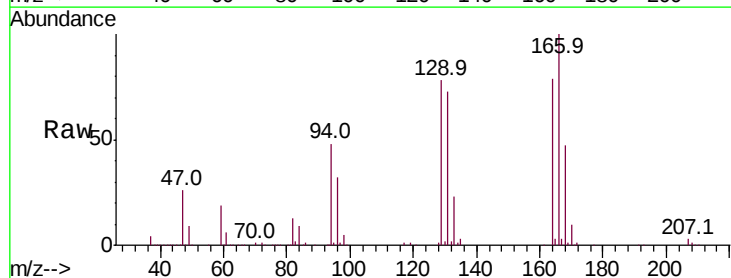


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

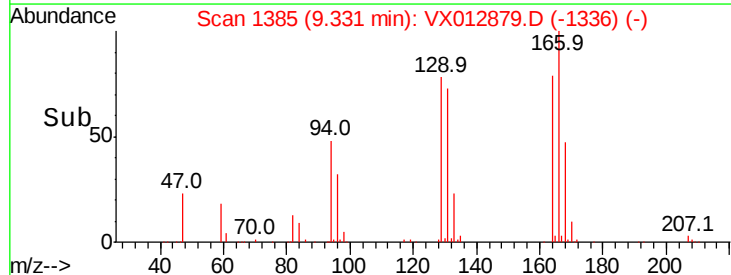
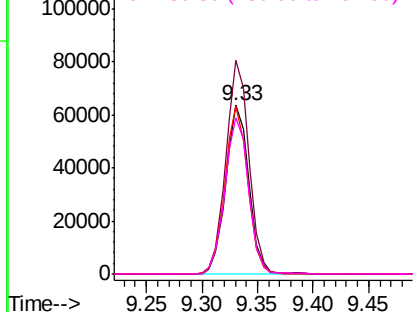


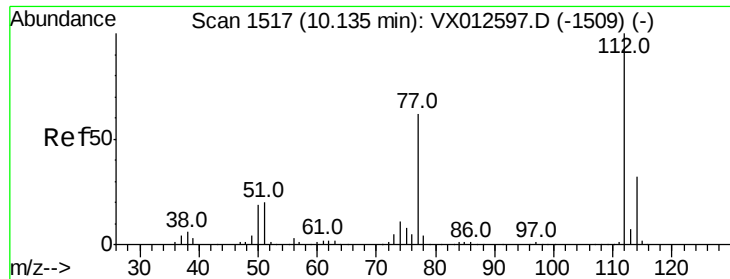
#64
Tetrachloroethene
Concen: 51.197 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion:164 Resp: 90957
Ion Ratio Lower Upper
164 100
166 126.8 107.8 161.6
129 99.4 86.2 129.2
131 92.7 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

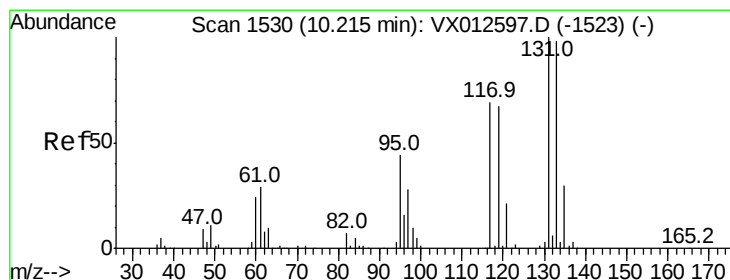
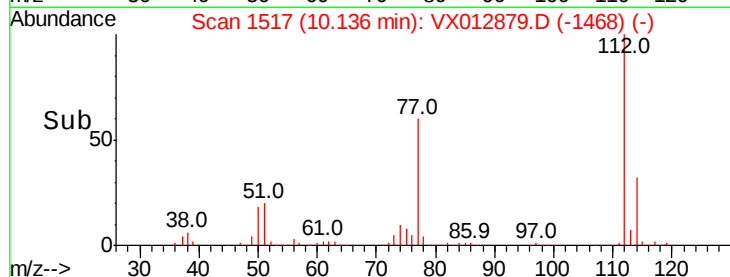
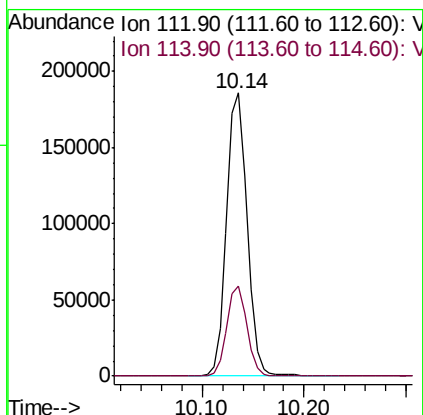
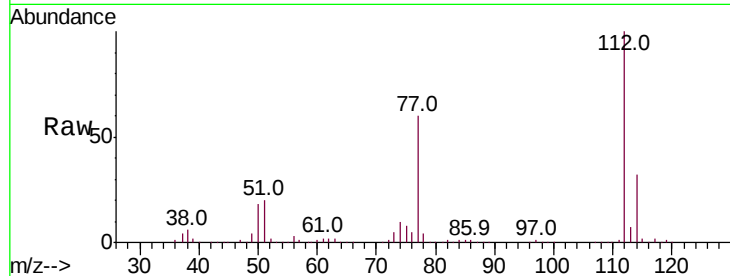




#65
Chlorobenzene
Concen: 48.131 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

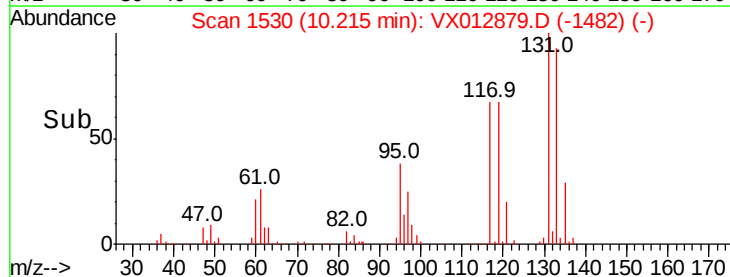
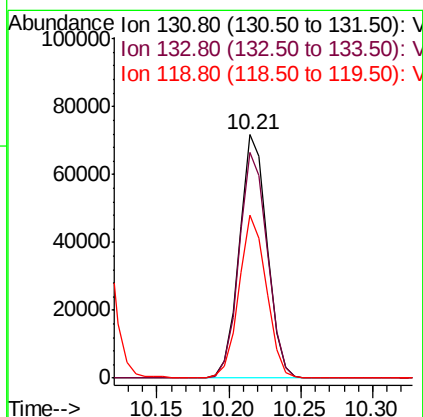
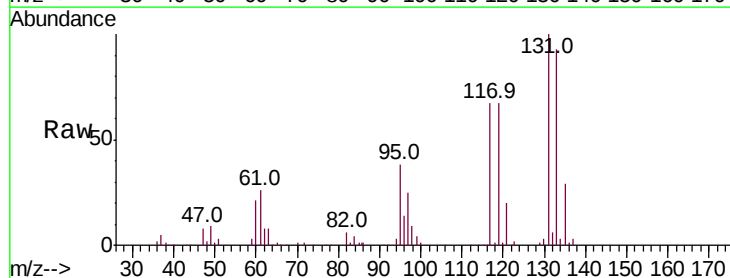
Instrument :
MSVOA_X
ClientSampled :

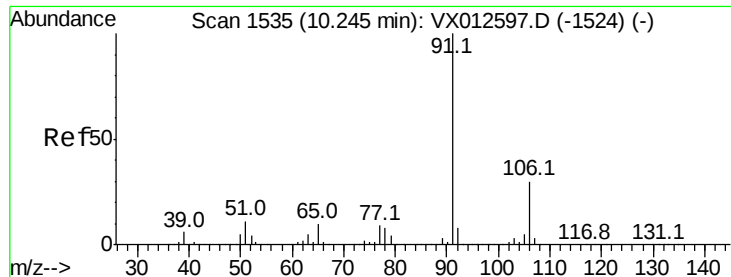
Tot Ion:112 Resp: 258263
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.301 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion:131 Resp: 95850
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 66.1 31.3 93.8





#67

Ethyl Benzene

Concen: 47.514 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

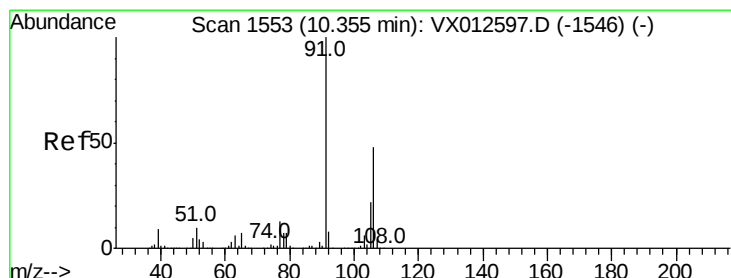
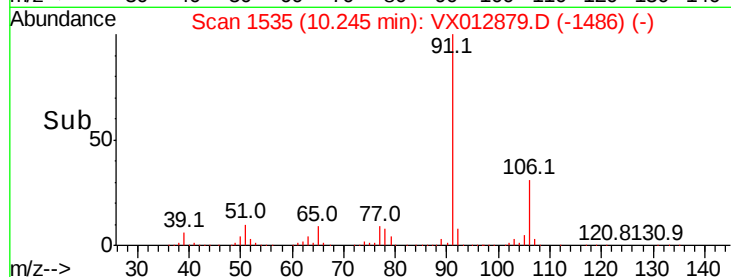
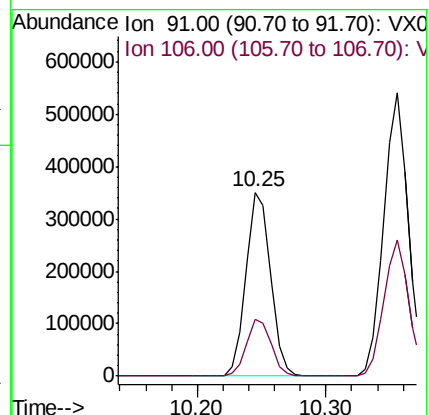
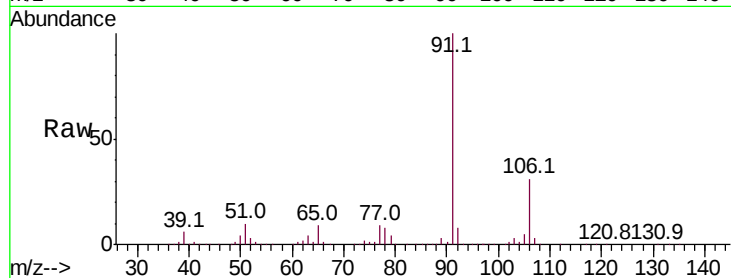
ClientSampled :

Tot Ion: 91 Resp: 462416

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 94.521 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012879.D

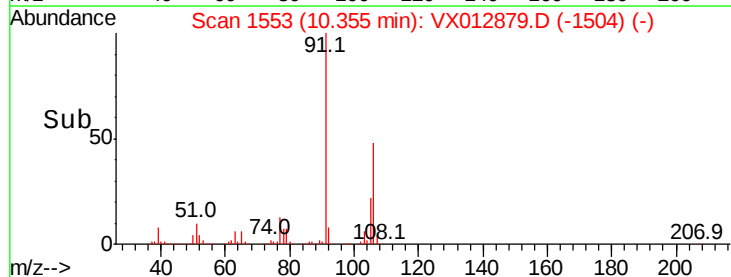
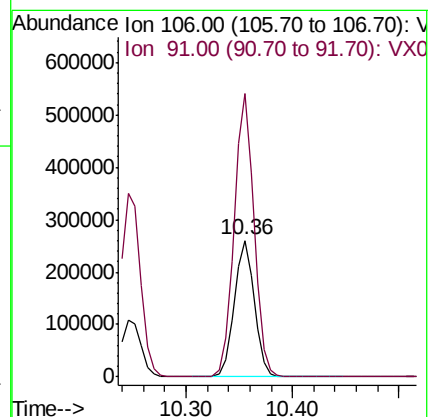
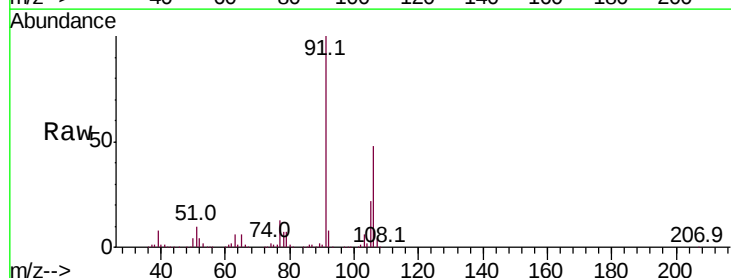
Acq: 08 Oct 2019 08:19

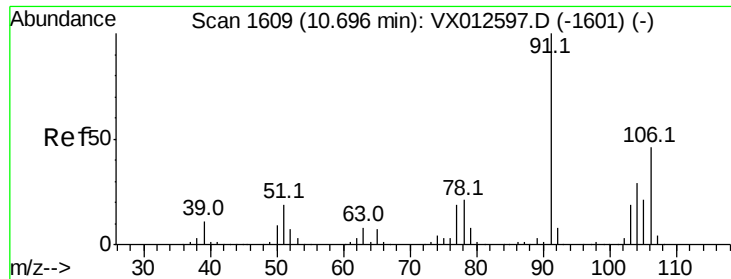
Tgt Ion: 106 Resp: 344594

Ion Ratio Lower Upper

106 100

91 205.7 166.6 250.0

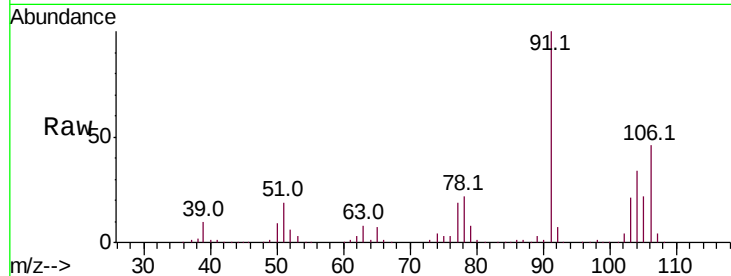




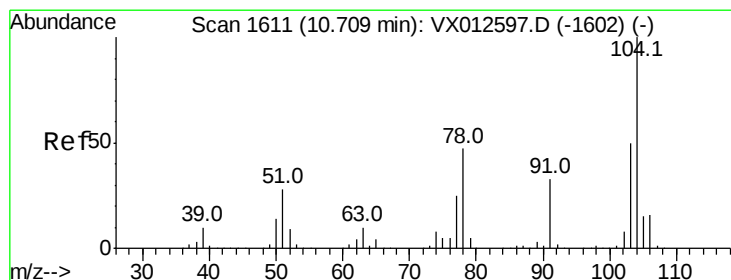
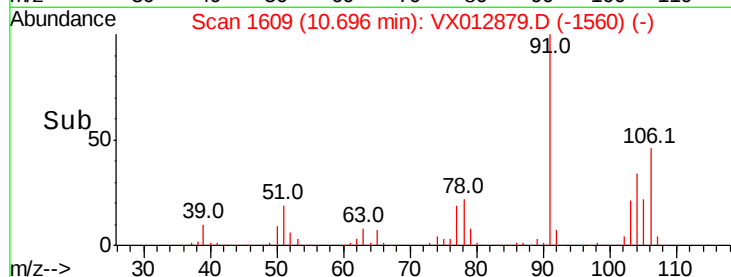
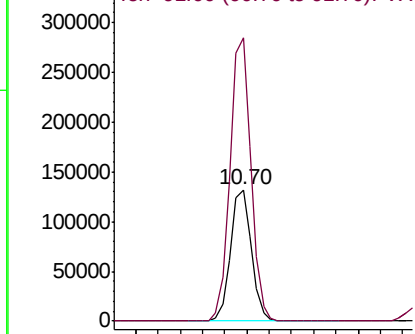
#69
o-Xylene
Concen: 48.485 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 171040
Ion Ratio Lower Upper
106 100
91 215.8 109.4 328.2

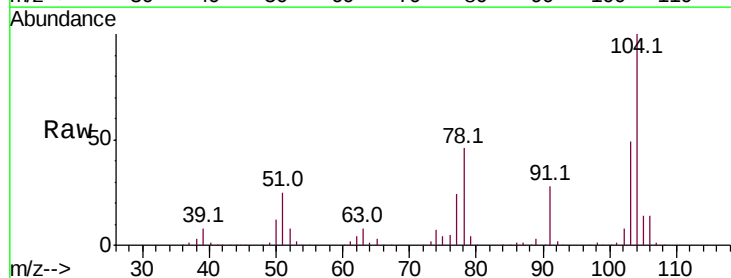


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

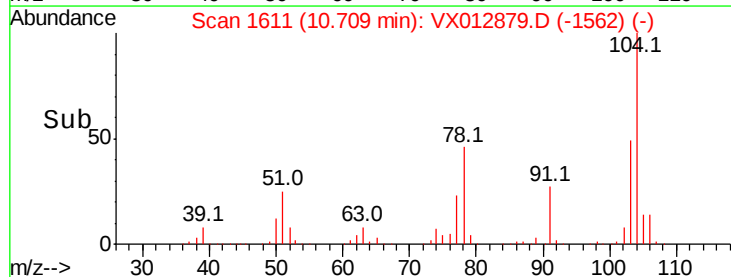
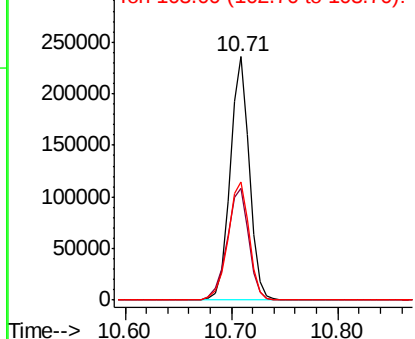


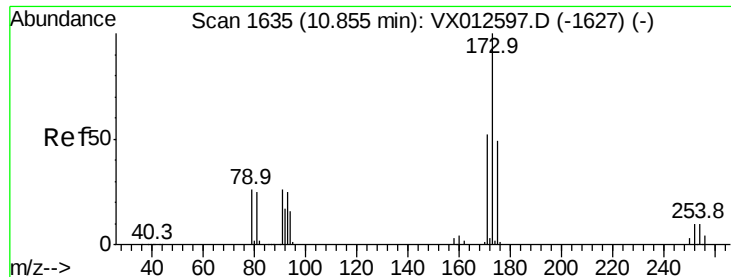
#70
Styrene
Concen: 50.292 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion:104 Resp: 297417
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 53.8 43.3 64.9



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





#71

Bromoform

Concen: 53.142 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

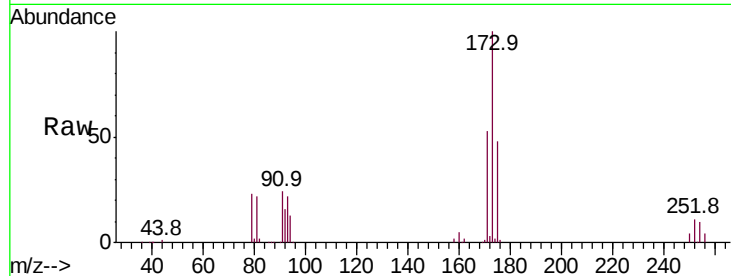
Tot Ion:173 Resp: 71940

Ion Ratio Lower Upper

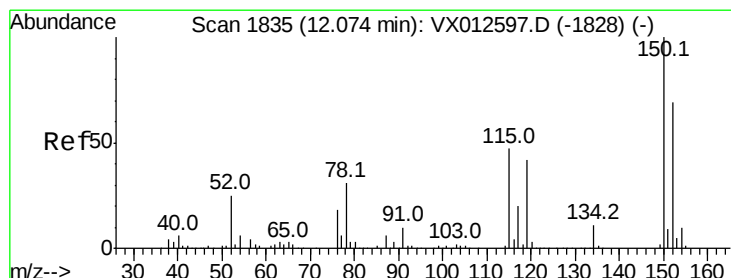
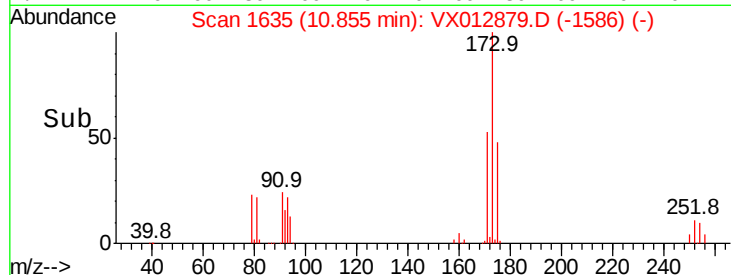
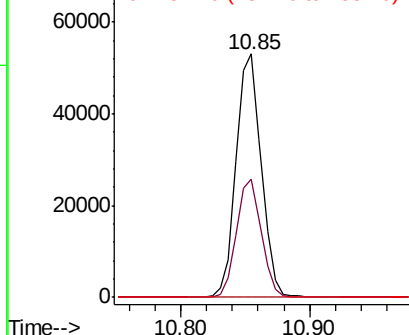
173 100

175 48.1 23.7 71.1

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

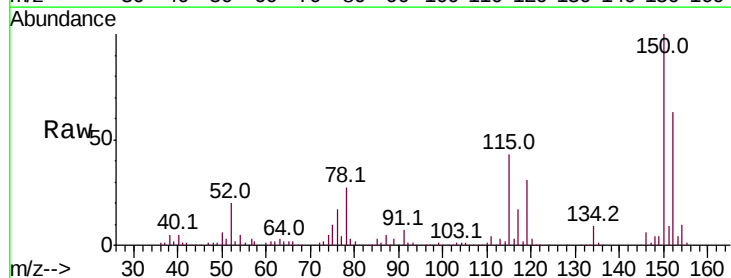
Tgt Ion:152 Resp: 121128

Ion Ratio Lower Upper

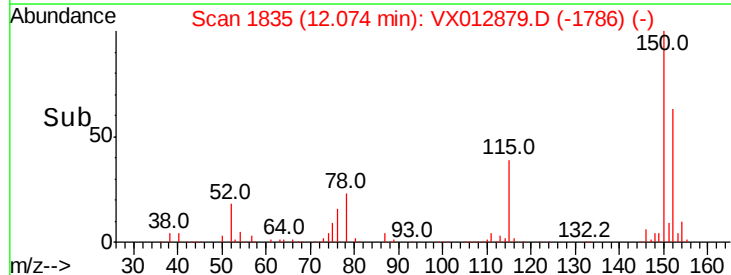
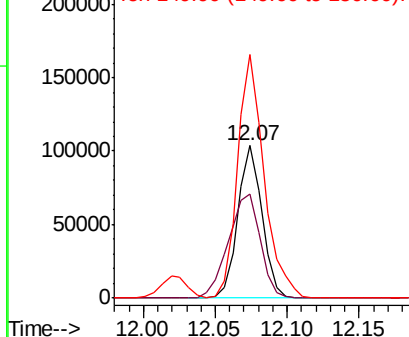
152 100

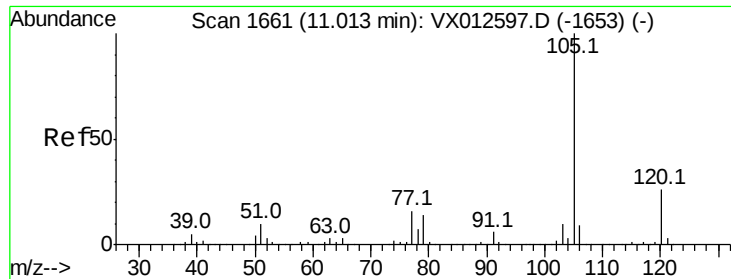
115 89.6 44.1 132.3

150 175.7 0.0 343.8



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





#73

Isopropylbenzene

Concen: 45.954 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

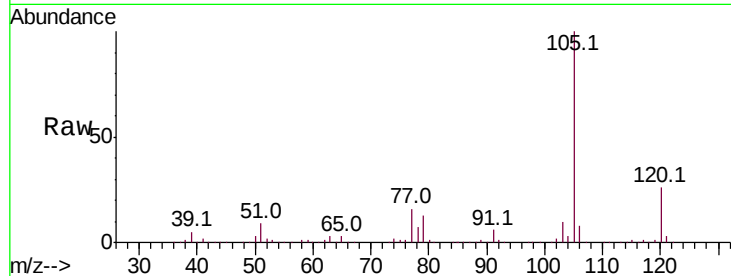
ClientSampleId :

Tot Ion:105 Resp: 453362

Ion Ratio Lower Upper

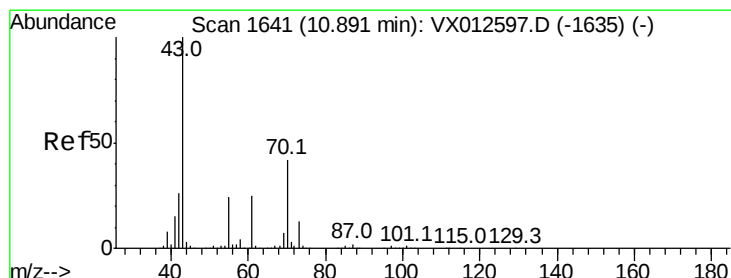
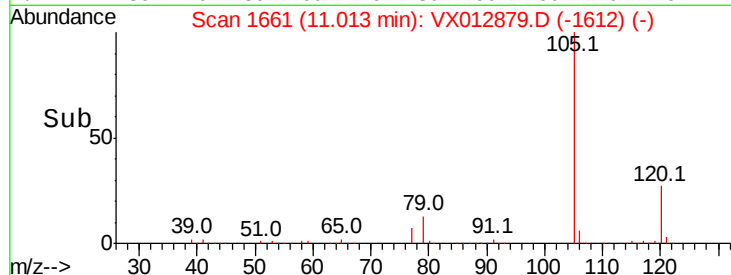
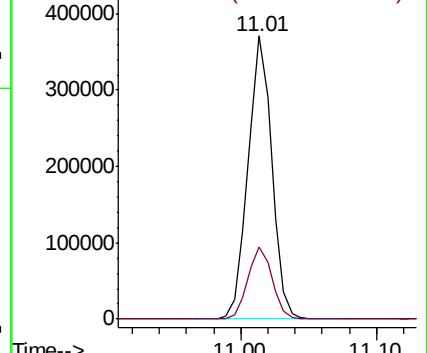
105 100

120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.674 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Tgt Ion: 43 Resp: 214964

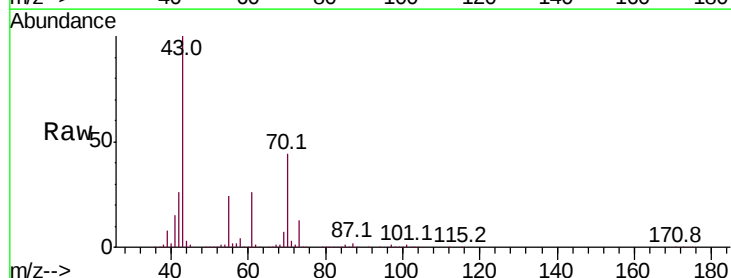
Ion Ratio Lower Upper

43 100

70 44.0 32.4 48.6

55 24.3 18.2 27.4

61 25.3 18.5 27.7

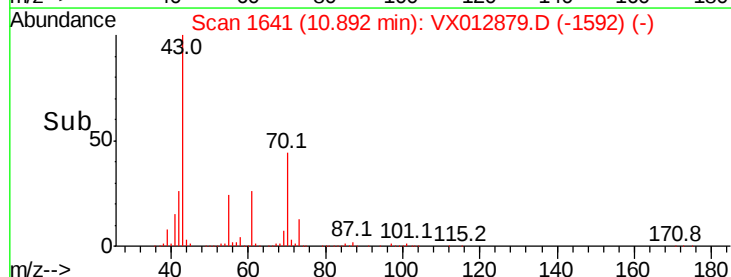
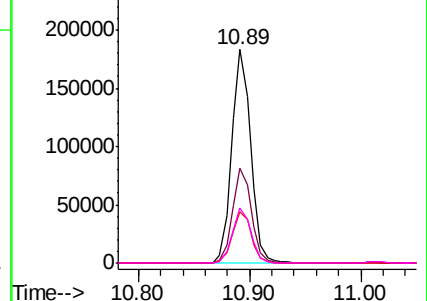


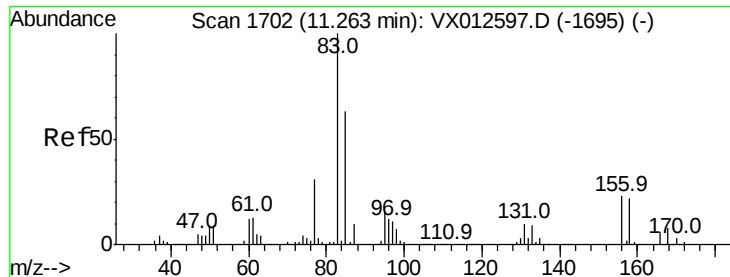
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.580 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

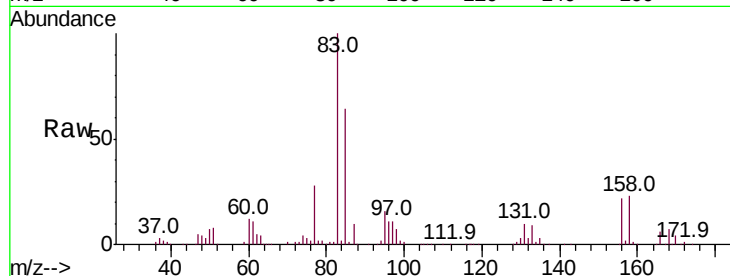
Tot Ion: 83 Resp: 158727

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

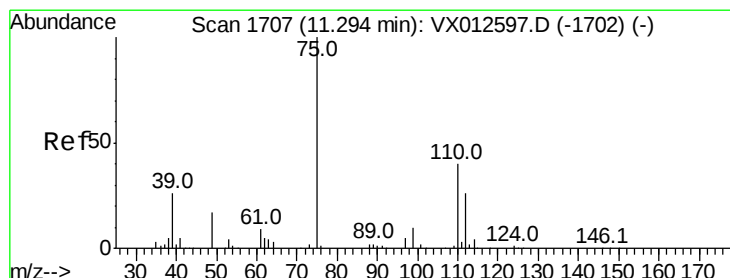
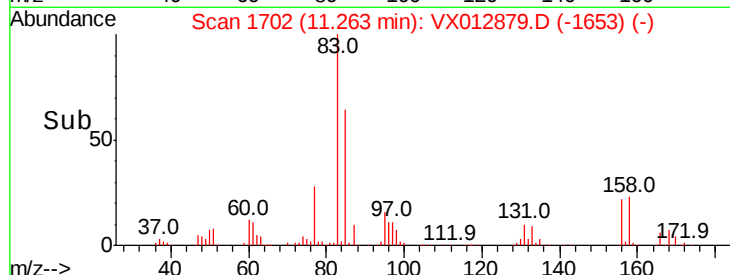
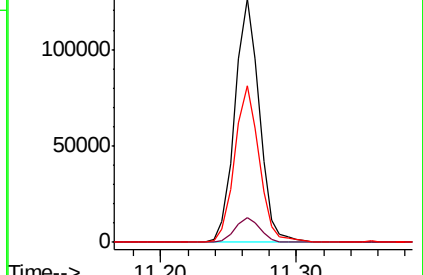
85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.361 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012879.D

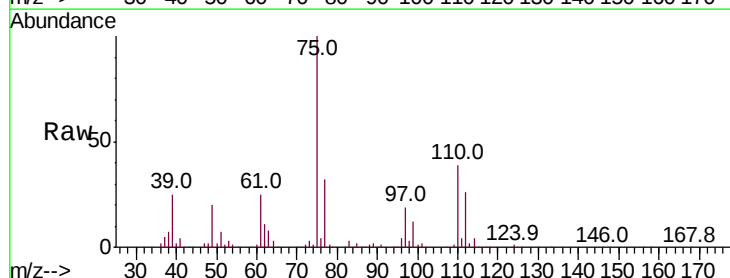
Acq: 08 Oct 2019 08:19

Tgt Ion: 75 Resp: 174180

Ion Ratio Lower Upper

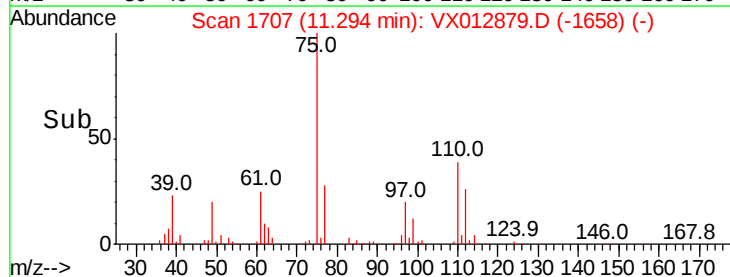
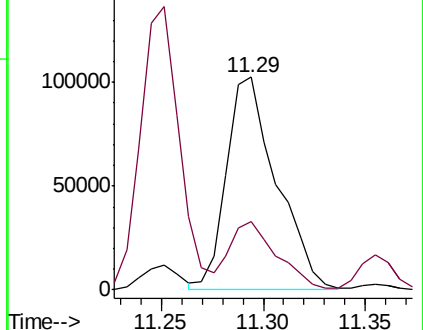
75 100

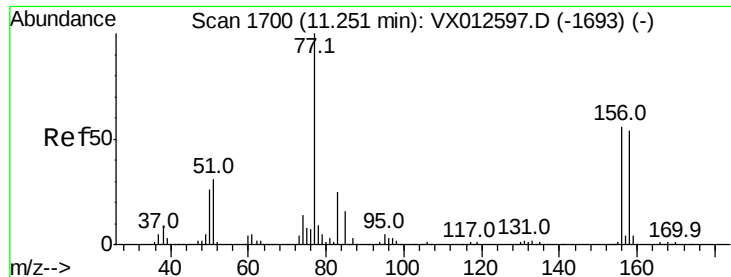
77 30.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.743 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

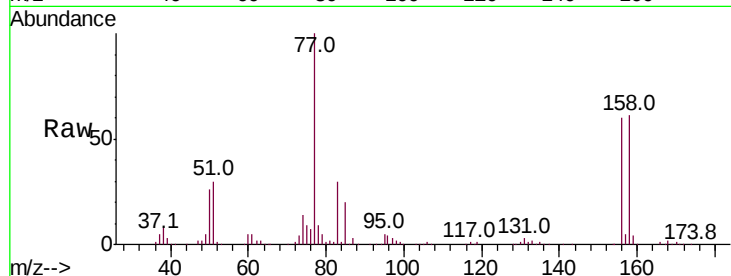
Tot Ion:156 Resp: 104368

Ion Ratio Lower Upper

156 100

77 173.4 87.3 261.8

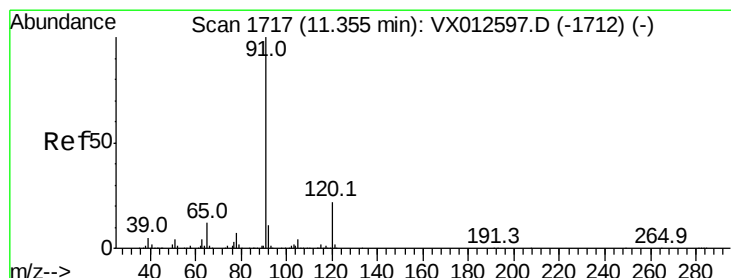
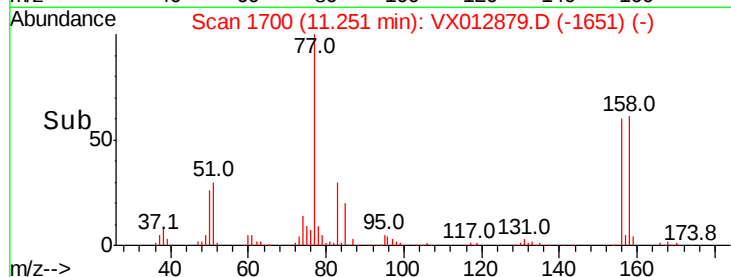
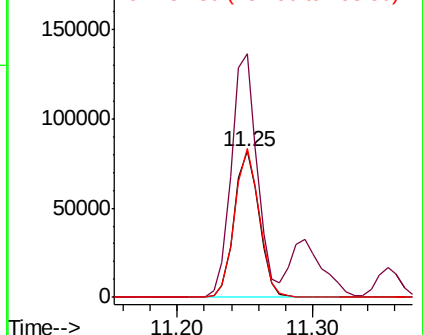
158 100.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.401 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012879.D

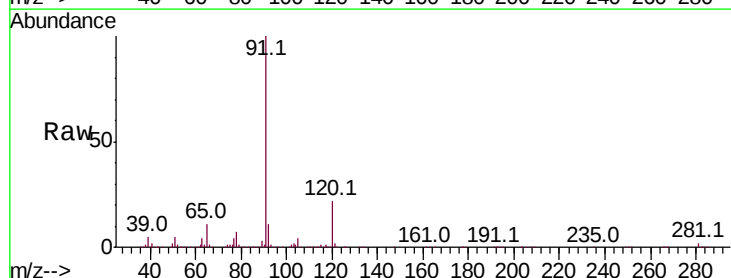
Acq: 08 Oct 2019 08:19

Tgt Ion: 91 Resp: 504265

Ion Ratio Lower Upper

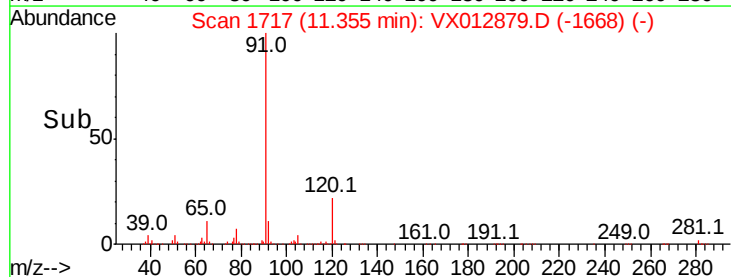
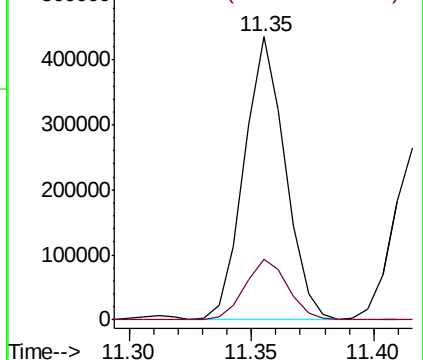
91 100

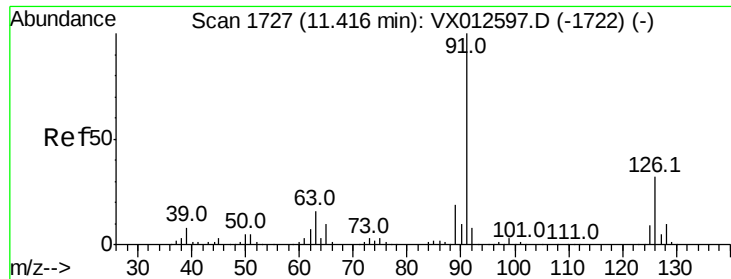
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

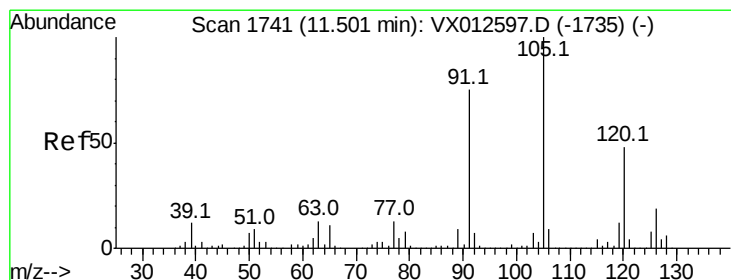
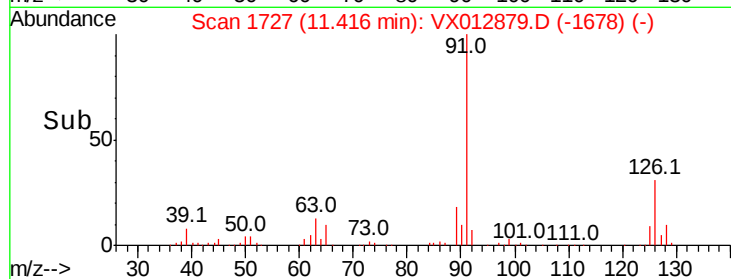
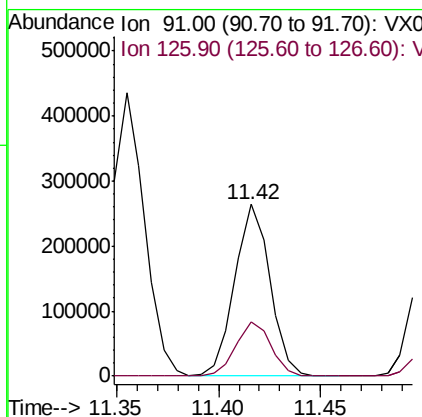
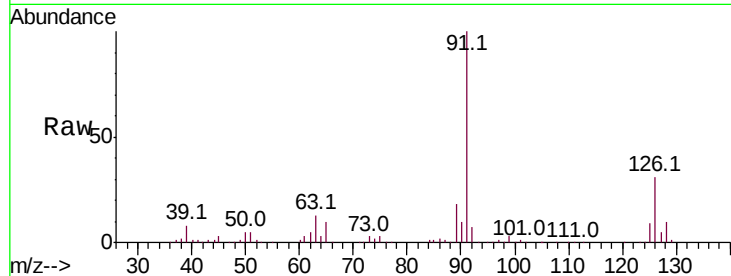




#79
 2-Chlorotoluene
 Concen: 45.517 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

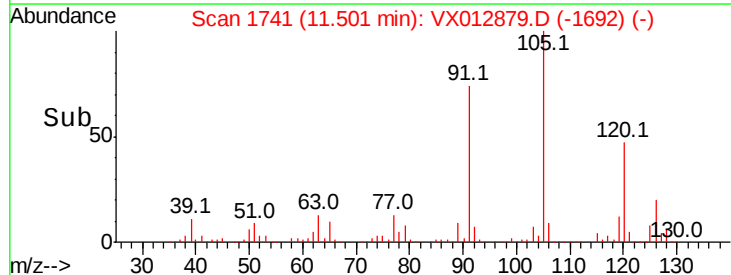
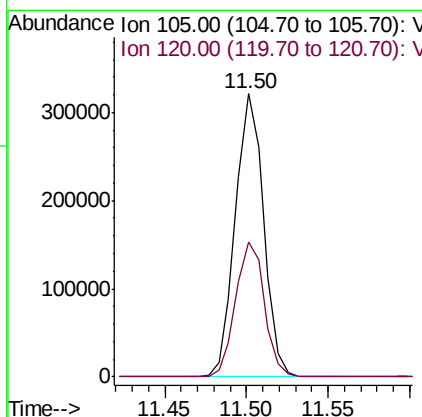
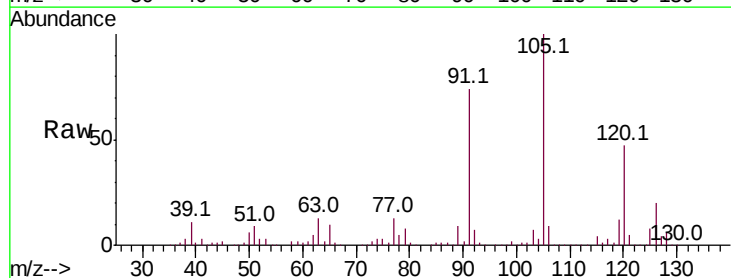
Instrument :
 MSVOA_X
 ClientSampleId :

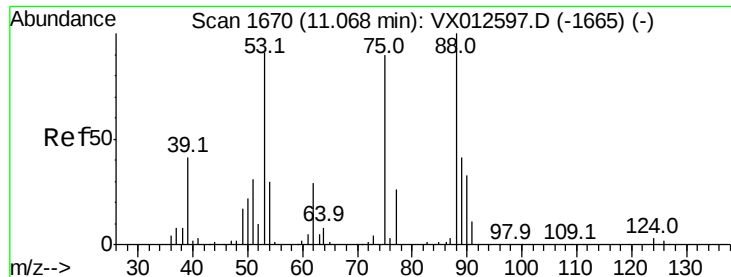
Tot Ion: 91 Resp: 315373
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 46.814 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

Tgt Ion: 105 Resp: 387297
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 36.907 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

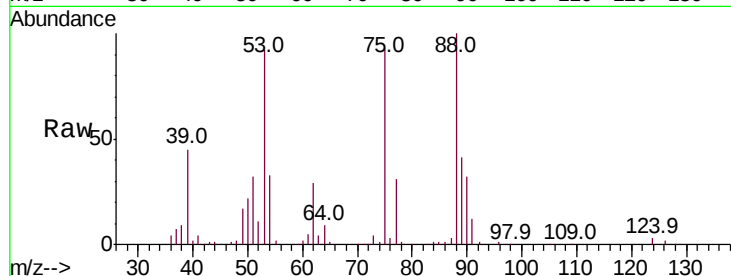
Tot Ion: 75 Resp: 41265

Ion Ratio Lower Upper

75 100

53 97.6 83.6 125.4

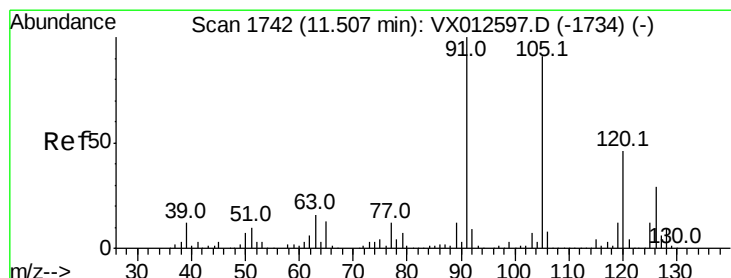
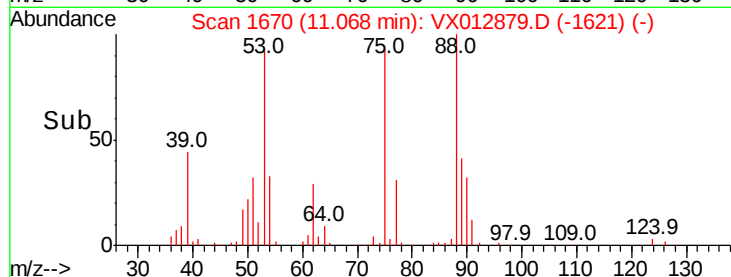
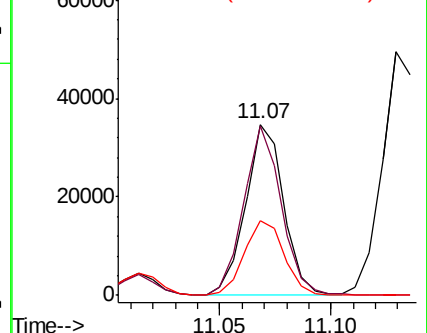
89 46.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.432 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012879.D

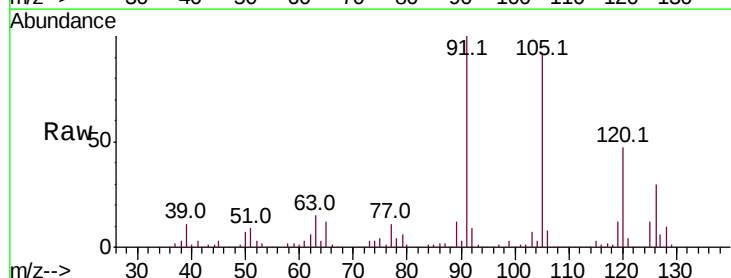
Acq: 08 Oct 2019 08:19

Tgt Ion: 91 Resp: 358839

Ion Ratio Lower Upper

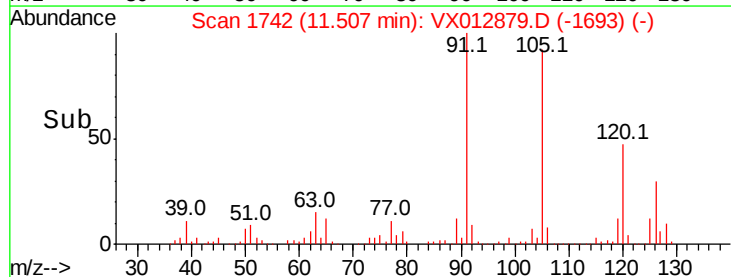
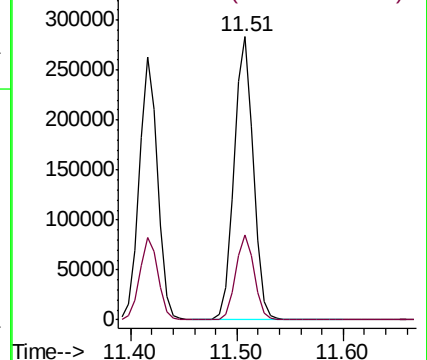
91 100

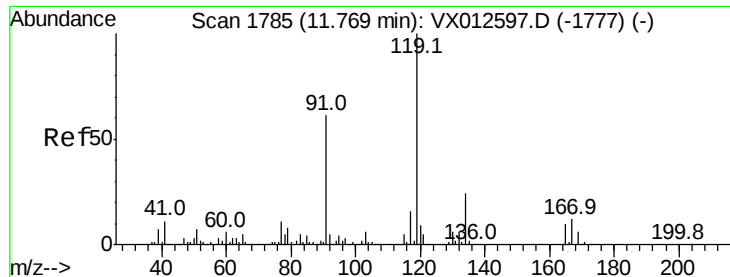
126 29.1 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

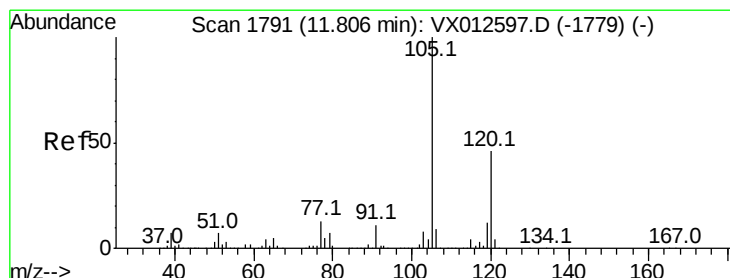
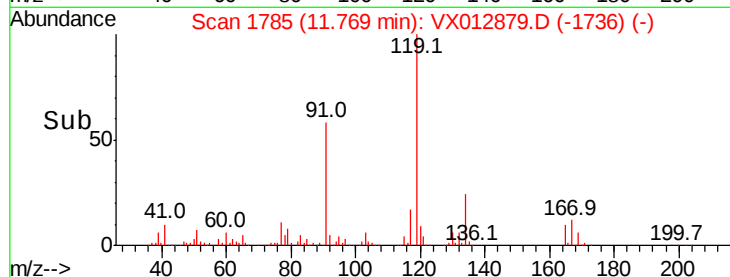
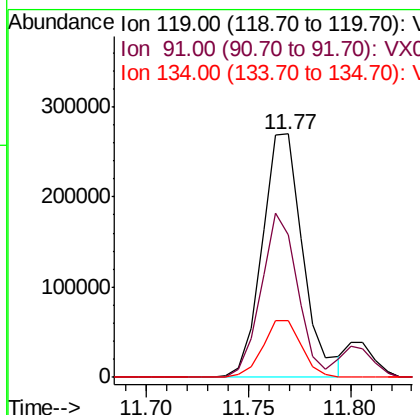
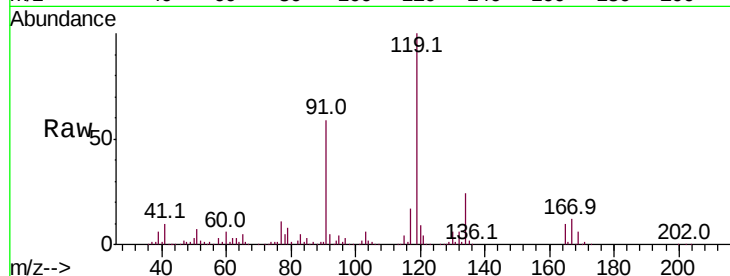




#83
tert-Butylbenzene
Concen: 46.956 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

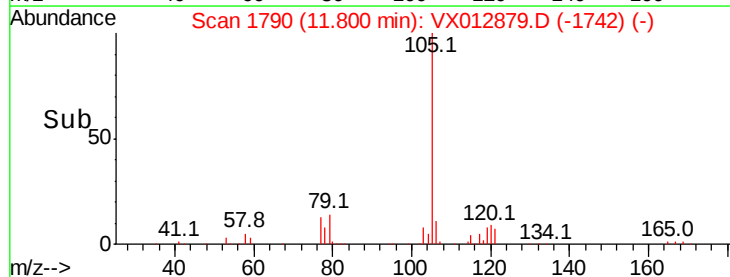
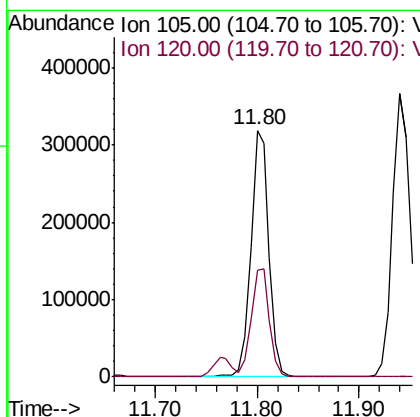
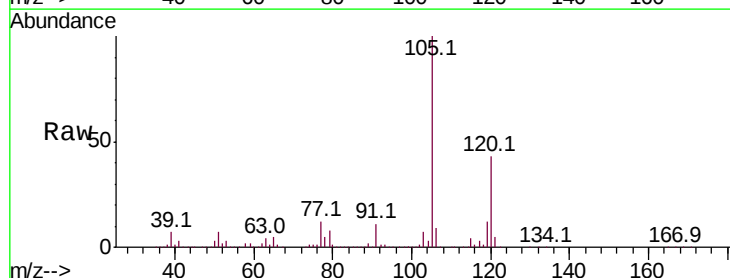
Instrument :
MSVOA_X
ClientSampleId :

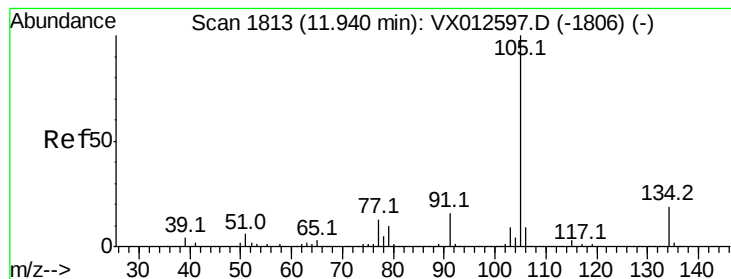
Tot Ion:119 Resp: 374731
Ion Ratio Lower Upper
119 100
91 60.5 30.0 90.0
134 22.3 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 46.754 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion:105 Resp: 390195
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.711 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

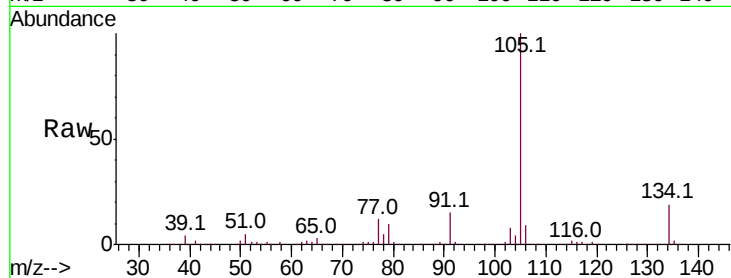
ClientSampleId :

Tot Ion:105 Resp: 442863

Ion Ratio Lower Upper

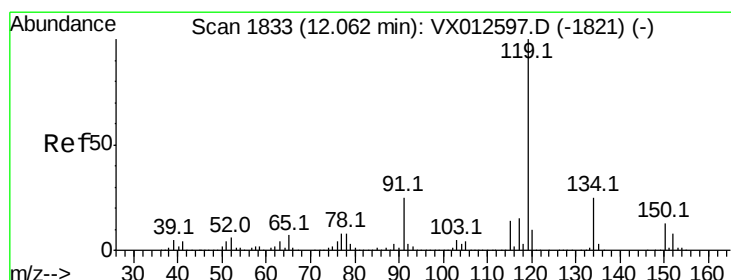
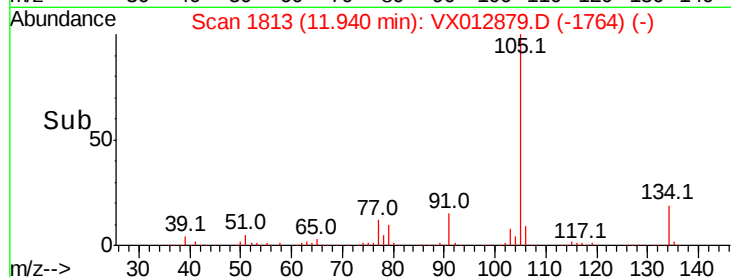
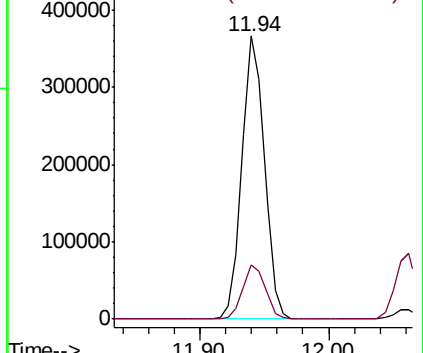
105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.745 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

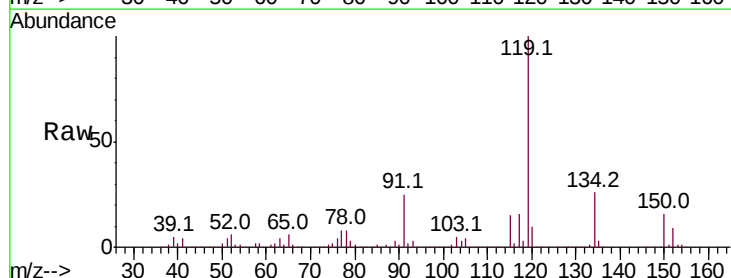
Tgt Ion:119 Resp: 399885

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

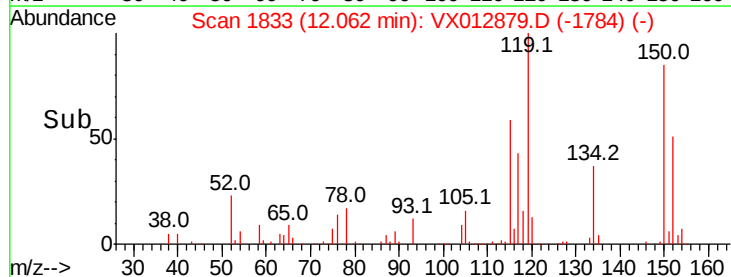
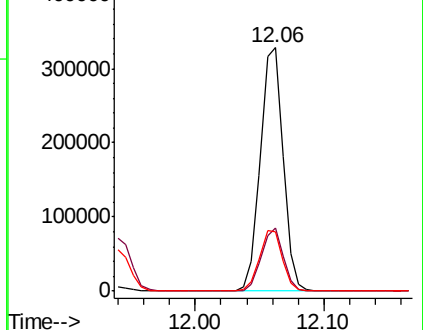
91 24.9 12.8 38.4

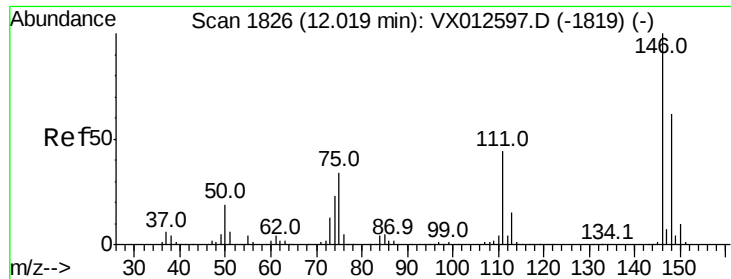


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

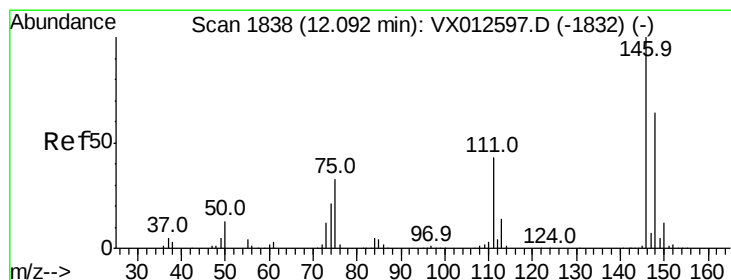
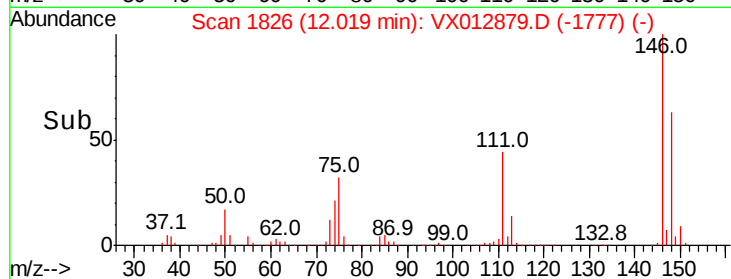
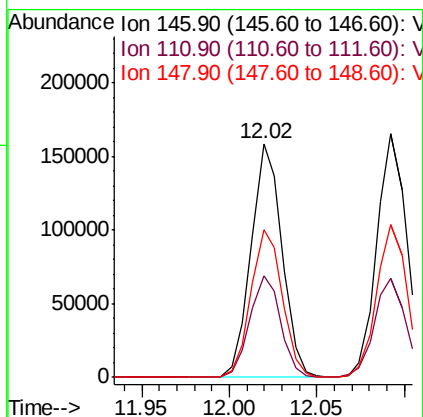
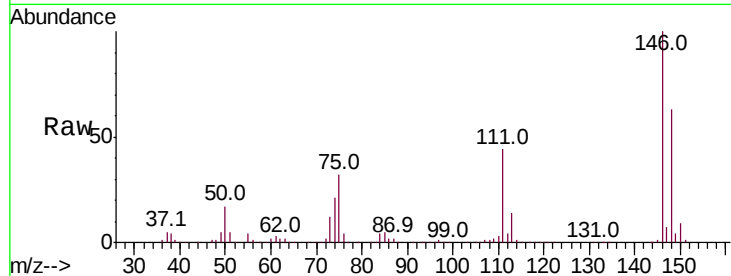




#87
 1,3-Dichlorobenzene
 Concen: 48.582 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

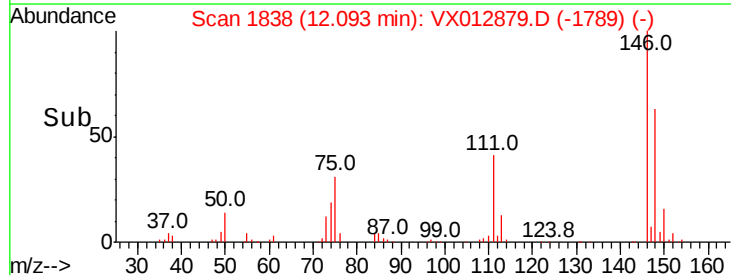
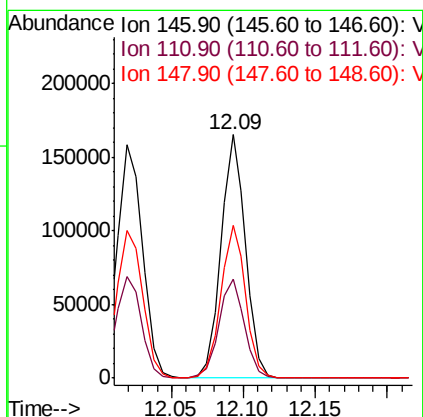
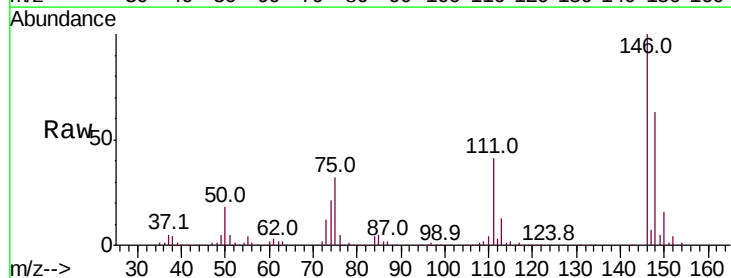
Instrument :
 MSVOA_X
 ClientSampleId :

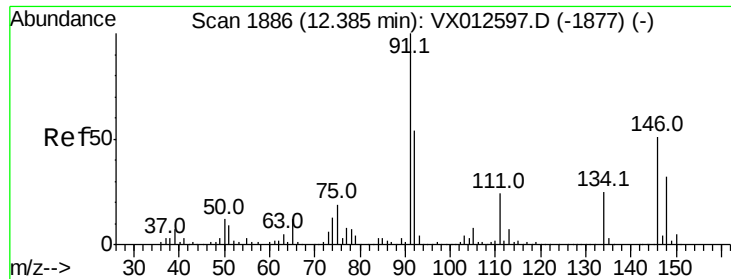
Tot Ion:146 Resp: 195215
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 64.0
 148 64.1 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 48.678 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012879.D
 Acq: 08 Oct 2019 08:19

Tgt Ion:146 Resp: 197653
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.4 32.1 96.5

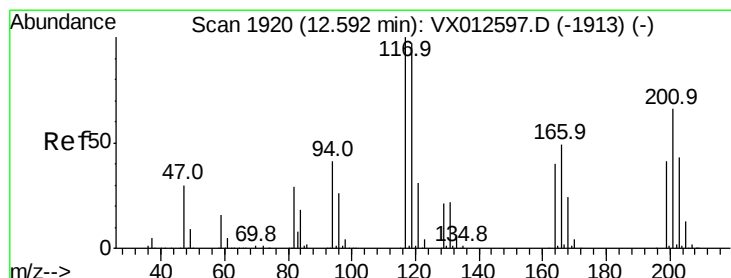
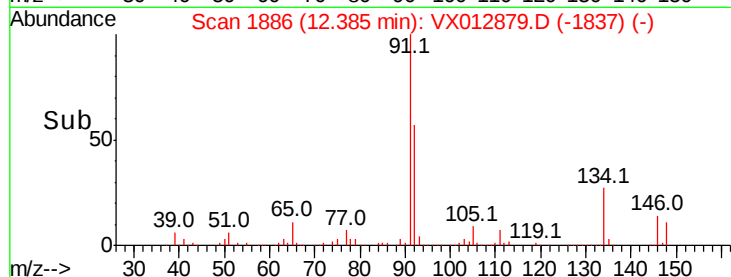
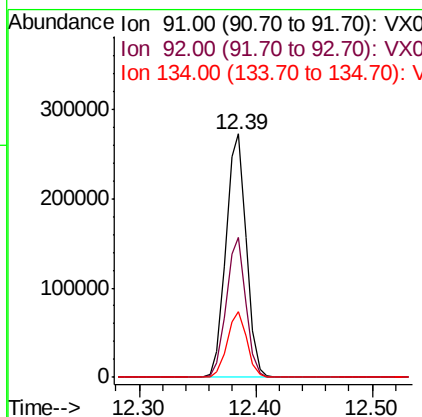
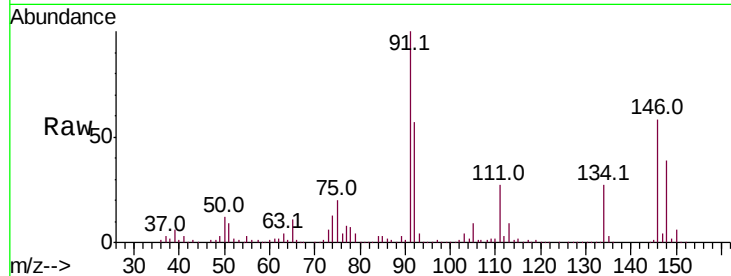




#89
n-Butylbenzene
Concen: 44.437 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

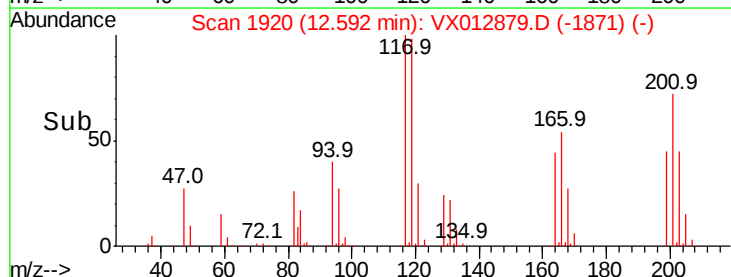
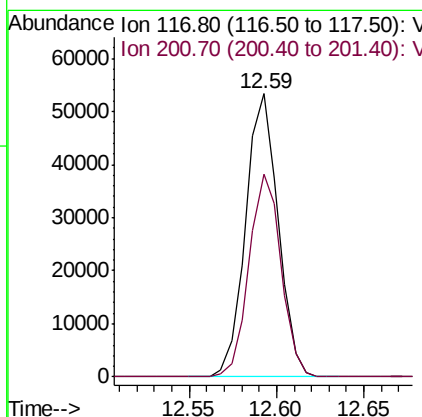
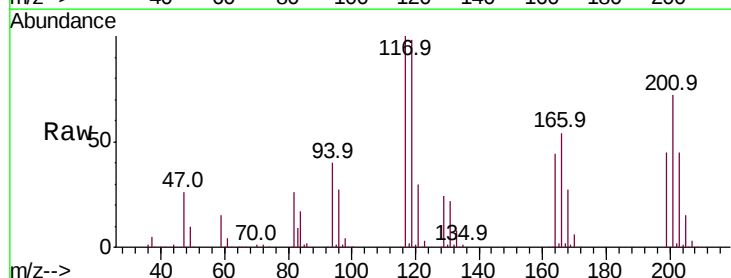
Instrument :
MSVOA_X
ClientSampled :

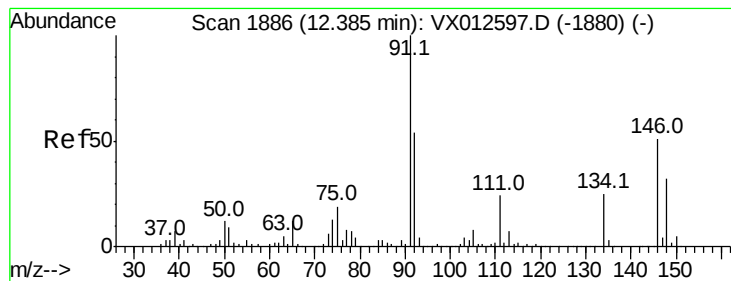
Tot Ion: 91 Resp: 327958
Ion Ratio Lower Upper
91 100
92 55.1 27.7 83.0
134 26.2 12.9 38.6



#90
Hexachloroethane
Concen: 46.135 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion: 117 Resp: 68888
Ion Ratio Lower Upper
117 100
201 70.6 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 49.154 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

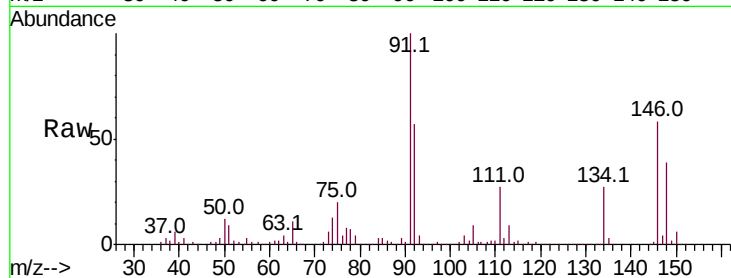
Tot Ion:146 Resp: 197739

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.1

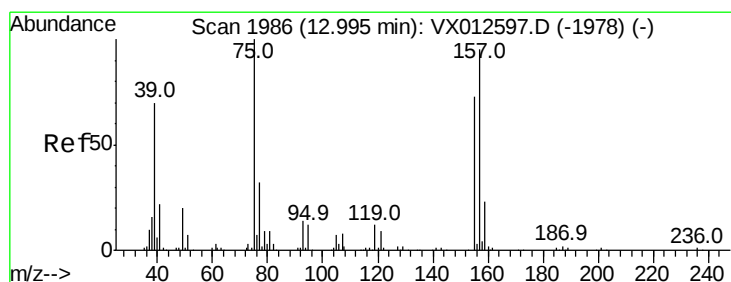
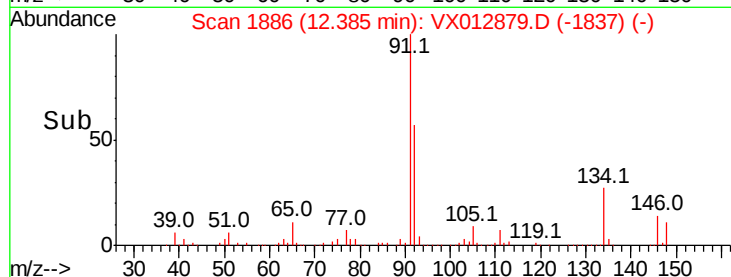
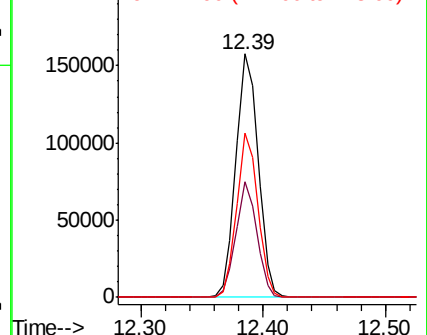
148 64.0 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.154 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

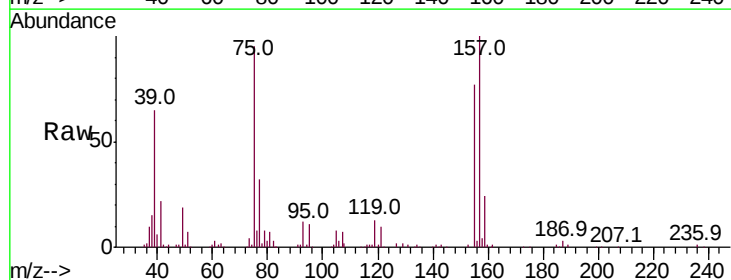
Tgt Ion: 75 Resp: 38539

Ion Ratio Lower Upper

75 100

155 79.8 38.6 115.8

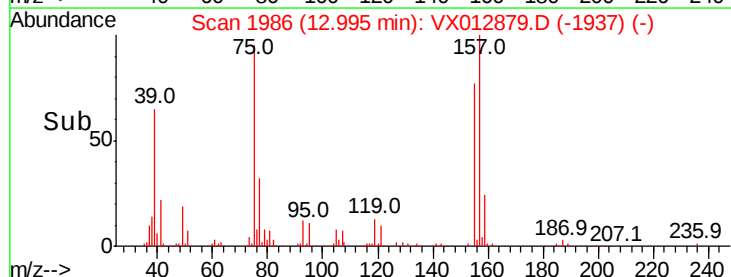
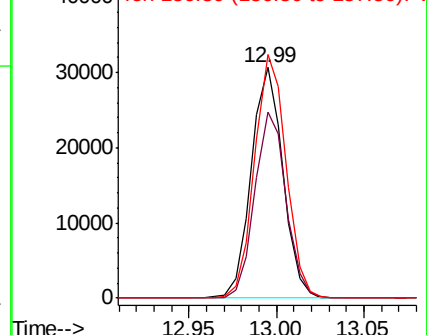
157 105.3 50.6 151.9

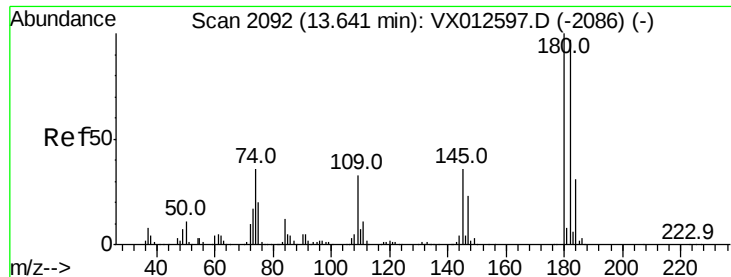


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 50.252 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

Instrument :

MSVOA_X

ClientSampleId :

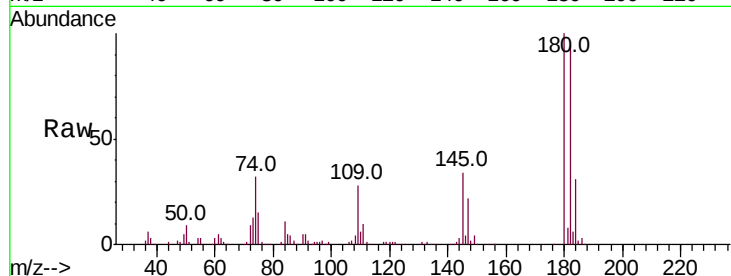
Tot Ion:180 Resp: 123286

Ion Ratio Lower Upper

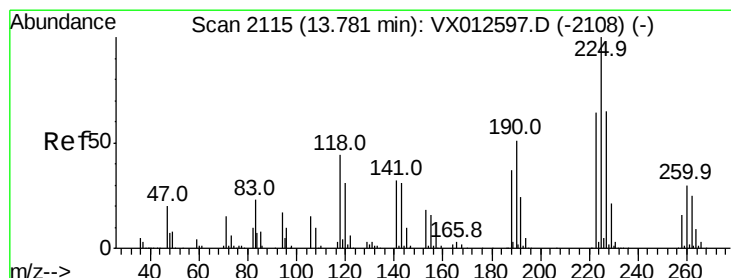
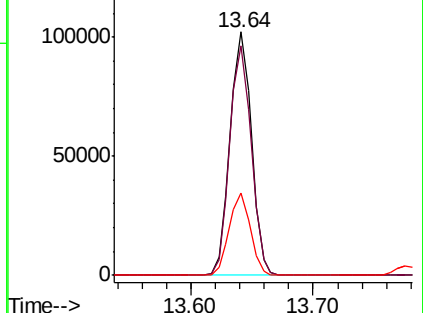
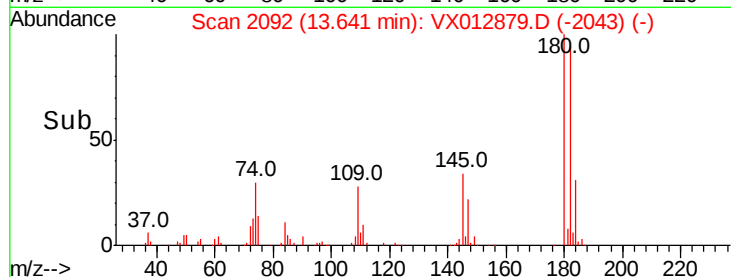
180 100

182 94.6 47.0 141.0

145 33.6 16.8 50.4



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



#94

Hexachlorobutadiene

Concen: 49.037 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012879.D

Acq: 08 Oct 2019 08:19

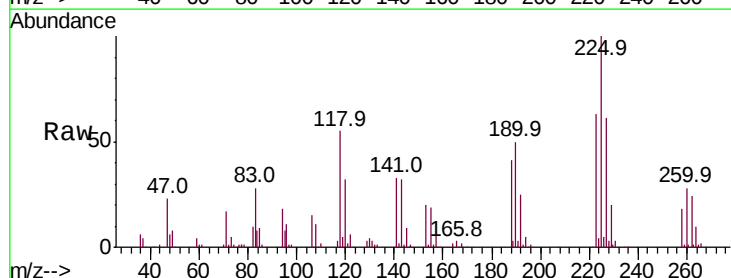
Tgt Ion:225 Resp: 51755

Ion Ratio Lower Upper

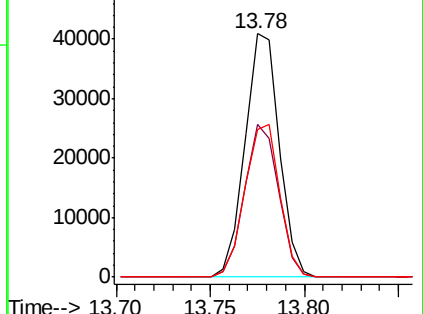
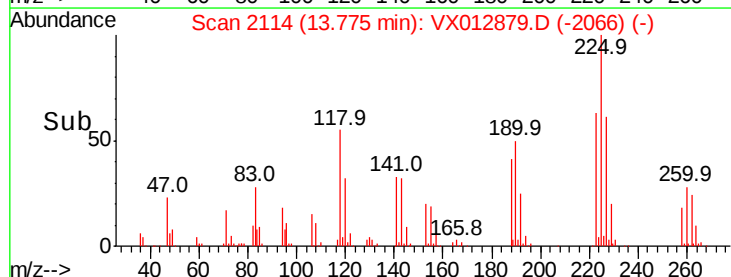
225 100

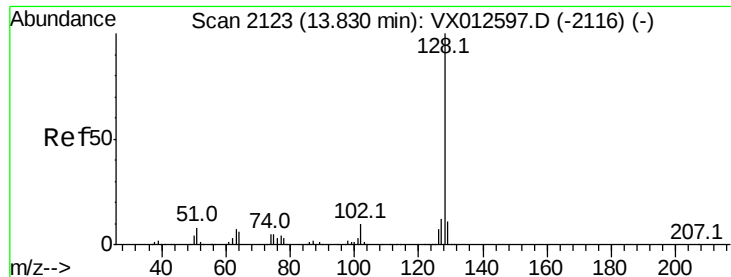
223 62.2 32.0 96.2

227 63.5 31.9 95.5



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

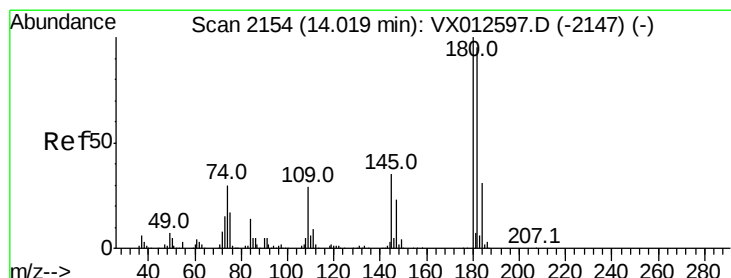
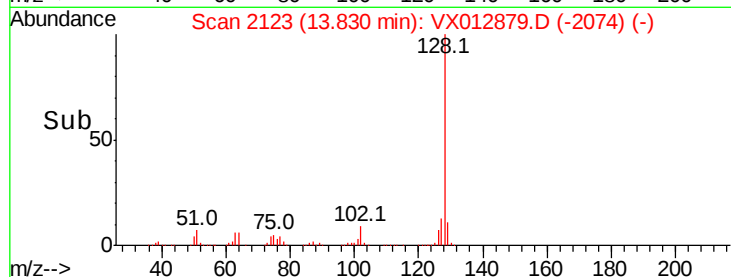
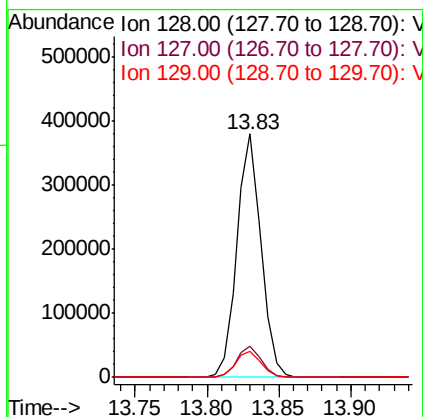
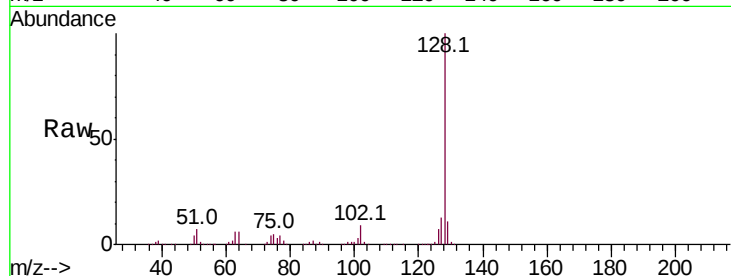




#95
Naphthalene
Concen: 50.133 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.899 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012879.D
Acq: 08 Oct 2019 08:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.3
145	34.9	18.0	54.0

