

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012746.D
 Acq On : 01 Oct 2019 20:19
 Operator : JC/SP
 Sample : K5082-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Quant Time: Oct 02 01:49:38 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	168113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	124691	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.48	113	95285	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	8.71	98	354681	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.14	95	133873	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83725	44.270	ug/l	96
3) Chloromethane	1.32	50	95817	44.121	ug/l	99
4) Vinyl Chloride	1.40	62	99320	46.012	ug/l	98
5) Bromomethane	1.63	94	33845	39.879	ug/l	100
6) Chloroethane	1.71	64	63051	43.329	ug/l	97
7) Trichlorofluoromethane	1.92	101	143253	47.268	ug/l	100
8) Diethyl Ether	2.18	74	58931	47.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90612	49.088	ug/l	96
10) Methyl Iodide	2.50	142	90695	46.972	ug/l	94
11) Tert butyl alcohol	3.04	59	132827	217.201	ug/l	100
12) 1,1-Dichloroethene	2.36	96	87956	48.661	ug/l	96
13) Acrolein	2.28	56	82002	241.092	ug/l	97
14) Allyl chloride	2.72	41	165320	46.100	ug/l	97
15) Acrylonitrile	3.13	53	309889	249.773	ug/l	98
16) Acetone	2.44	43	268067	206.732	ug/l	96
17) Carbon Disulfide	2.56	76	221482	43.708	ug/l	99
18) Methyl Acetate	2.76	43	138603	45.395	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	334711	48.923	ug/l	99
20) Methylene Chloride	2.84	84	104043	47.440	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	97072	48.476	ug/l	97
22) Diisopropyl ether	3.84	45	334707	48.303	ug/l	99
23) Vinyl Acetate	3.80	43	1366914	224.943	ug/l	97
24) 1,1-Dichloroethane	3.69	63	182788	48.529	ug/l	99
25) 2-Butanone	4.66	43	420001	225.898	ug/l	95
26) 2,2-Dichloropropane	4.58	77	123054	36.732	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113276	48.752	ug/l	92
28) Bromochloromethane	5.00	49	68889	50.370	ug/l	96
29) Tetrahydrofuran	5.12	42	273935	241.731	ug/l	96
30) Chloroform	5.20	83	185691	48.187	ug/l	98
31) Cyclohexane	5.57	56	161205	47.308	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	164445	48.149	ug/l	100
36) 1,1-Dichloropropene	5.79	75	137491	47.488	ug/l	99
37) Ethyl Acetate	4.82	43	150698	44.521	ug/l	97
38) Carbon Tetrachloride	5.78	117	140683	47.834	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162871	46.728	ug/l	97
40) Benzene	6.14	78	411682	48.327	ug/l	100
41) Methacrylonitrile	5.03	41	91434	48.145	ug/l	96
42) 1,2-Dichloroethane	6.18	62	153820	47.550	ug/l	98
43) Isopropyl Acetate	6.43	43	250943	44.332	ug/l	98
44) Trichloroethene	7.21	130	104477	47.974	ug/l	93
45) 1,2-Dichloropropane	7.51	63	105864	48.539	ug/l	99
46) Dibromomethane	7.65	93	72096	48.552	ug/l	96
47) Bromodichloromethane	7.89	83	142987	48.179	ug/l	99
48) Methyl methacrylate	7.76	41	128557	47.364	ug/l	94
49) 1,4-Dioxane	7.73	88	51391	834.768	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	826192	236.448	ug/l	97
52) Toluene	8.78	92	259683	48.502	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152636	46.484	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	166071	46.321	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	106975	50.255	ug/l	98
56) Ethyl methacrylate	9.17	69	173093	48.403	ug/l	92
57) 1,3-Dichloropropane	9.37	76	181812	48.803	ug/l	99
59) 2-Hexanone	9.49	43	628282	234.909	ug/l	95
60) Dibromochloromethane	9.58	129	107987	50.115	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110068	49.685	ug/l	99
64) Tetrachloroethene	9.33	164	95558	51.222	ug/l	97
65) Chlorobenzene	10.14	112	273289	48.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102507	50.211	ug/l	99
67) Ethyl Benzene	10.25	91	493263	48.267	ug/l	99
68) m/p-Xylenes	10.35	106	369876	96.618	ug/l	99
69) o-Xylene	10.70	106	178925	48.302	ug/l	99
70) Styrene	10.71	104	306090	49.290	ug/l	99
71) Bromoform	10.85	173	70615	49.676	ug/l #	98
73) Isopropylbenzene	11.01	105	474069	47.147	ug/l	99
74) N-amyl acetate	10.89	43	206830	43.117	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	157932	47.426	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	185068	56.670	ug/l	86
77) Bromobenzene	11.25	156	109068	47.926	ug/l	99
78) n-propylbenzene	11.35	91	532881	47.073	ug/l	100
79) 2-Chlorotoluene	11.42	91	324837	45.999	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	401933	47.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47775	41.924	ug/l	97
82) 4-Chlorotoluene	11.51	91	374317	46.498	ug/l	98
83) tert-Butylbenzene	11.76	119	391244	48.101	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	406531	47.793	ug/l	100
85) sec-Butylbenzene	11.94	105	453178	47.902	ug/l	99
86) p-Isopropyltoluene	12.06	119	415556	48.681	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195530	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195725	47.295	ug/l	99
89) n-Butylbenzene	12.39	91	340653	45.286	ug/l	99
90) Hexachloroethane	12.59	117	72408	47.578	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	198872	48.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38894	46.691	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	120646	48.249	ug/l	98

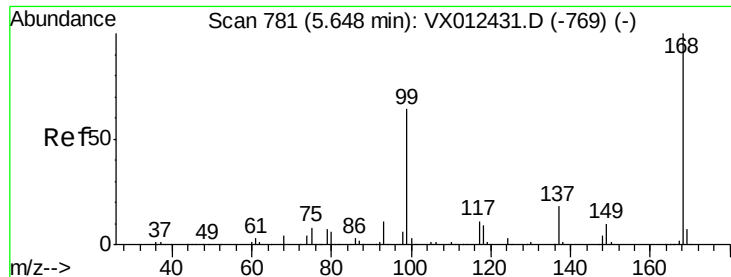
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52897	49.174	ug/l	97
95) Naphthalene	13.83	128	443662	49.041	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122855	49.048	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

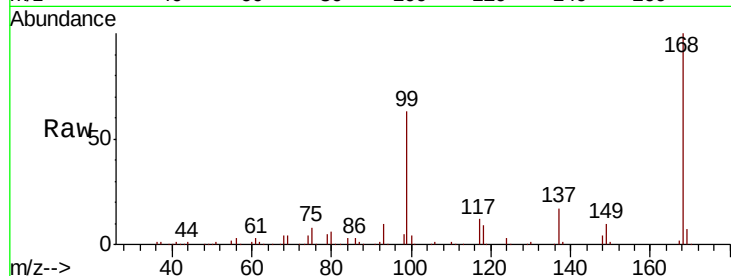
SA-SW201-20190926MS

Tot Ion:168 Resp: 168113

Ion Ratio Lower Upper

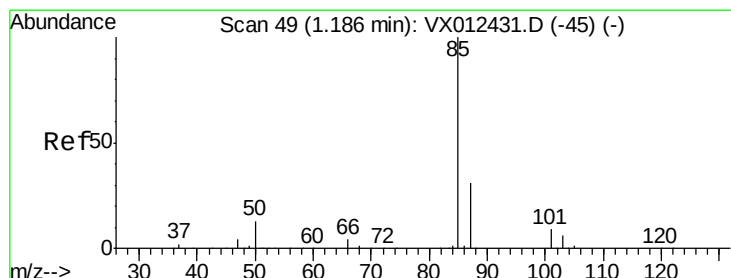
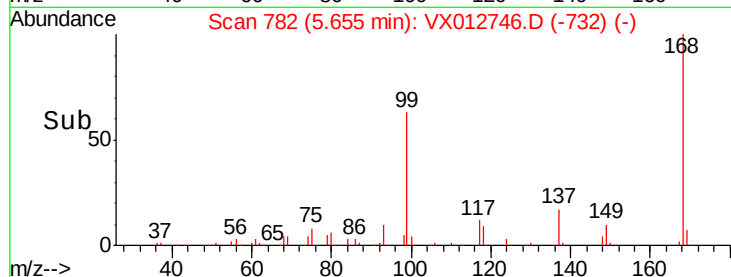
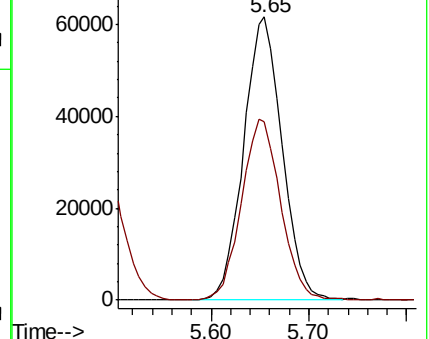
168 100

99 62.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.270 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012746.D

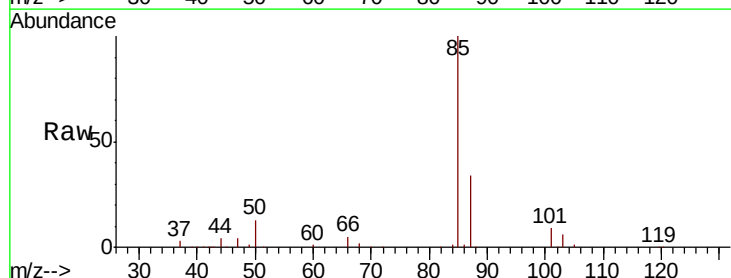
Acq: 01 Oct 2019 20:19

Tgt Ion: 85 Resp: 83725

Ion Ratio Lower Upper

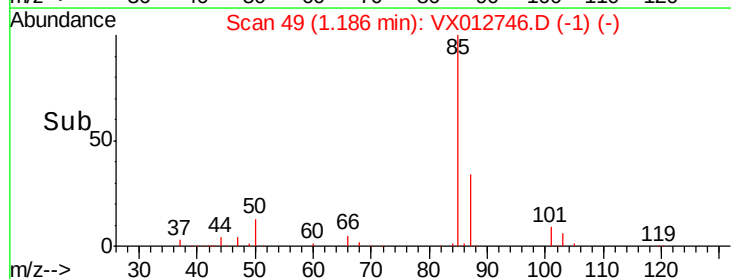
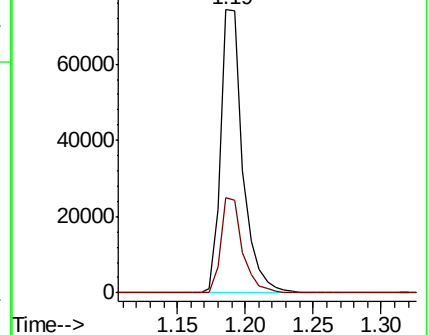
85 100

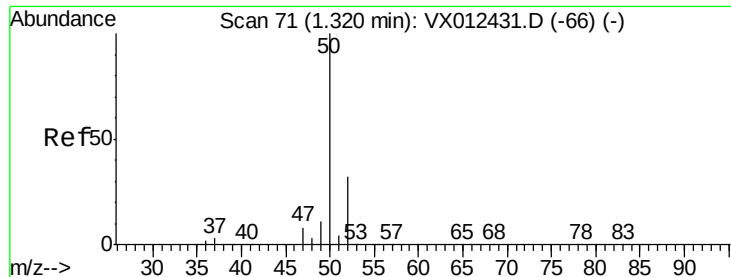
87 33.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.121 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

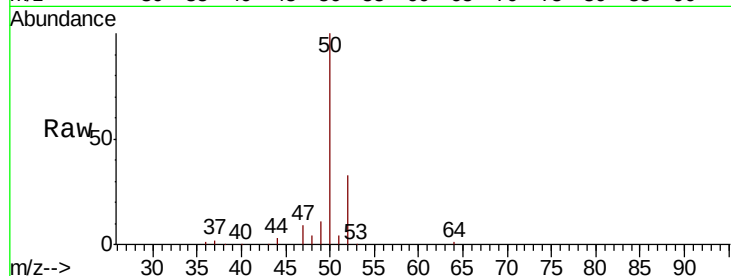
SA-SW201-20190926MS

Tot Ion: 50 Resp: 95817

Ion Ratio Lower Upper

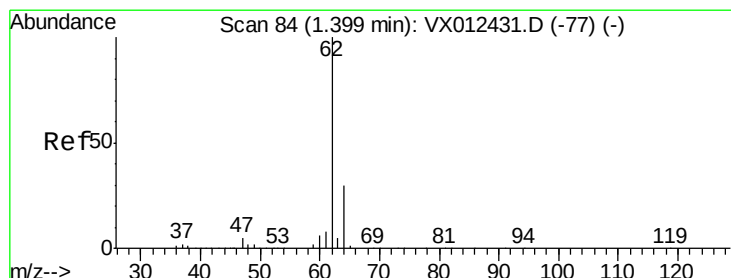
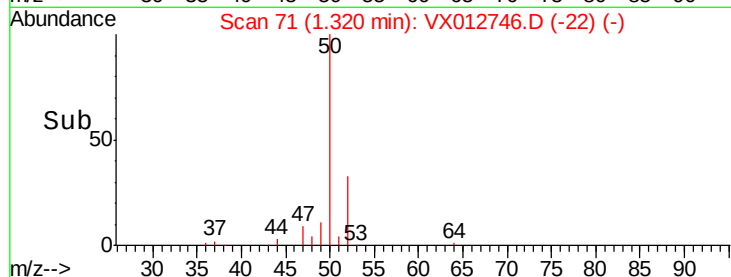
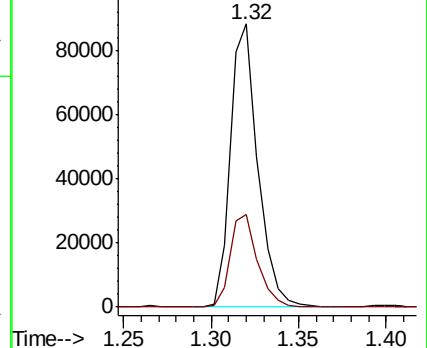
50 100

52 32.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.012 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012746.D

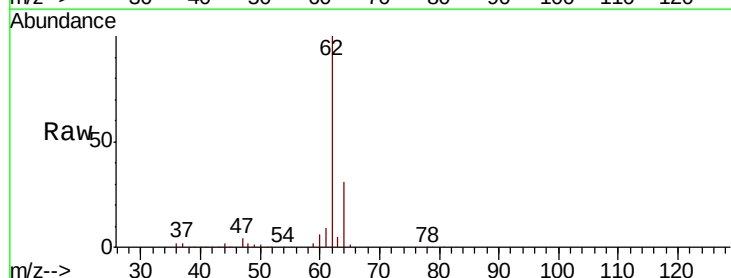
Acq: 01 Oct 2019 20:19

Tgt Ion: 62 Resp: 99320

Ion Ratio Lower Upper

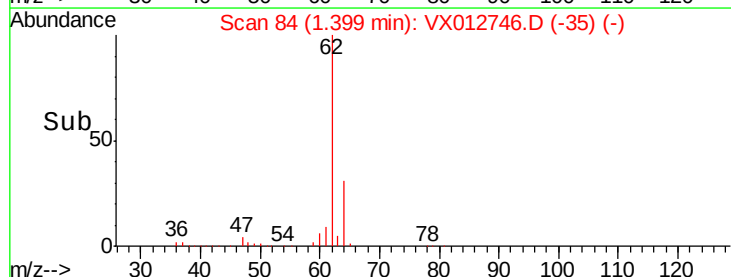
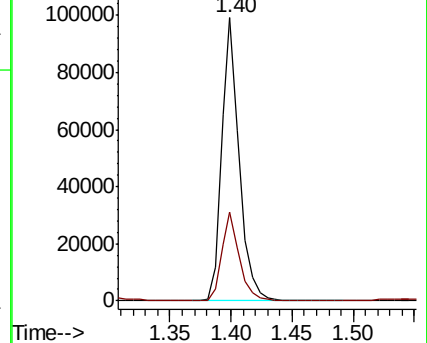
62 100

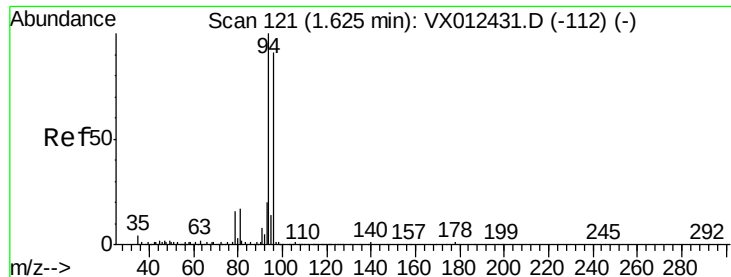
64 31.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.879 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

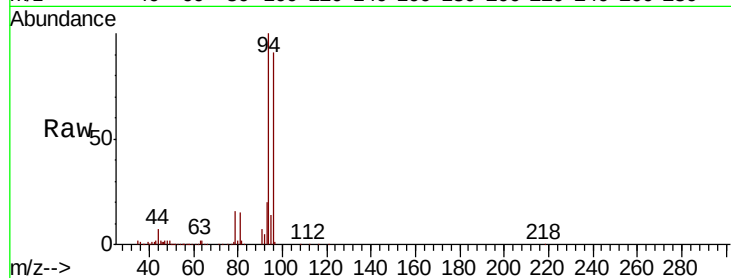
SA-SW201-20190926MS

Tot Ion: 94 Resp: 33845

Ion Ratio Lower Upper

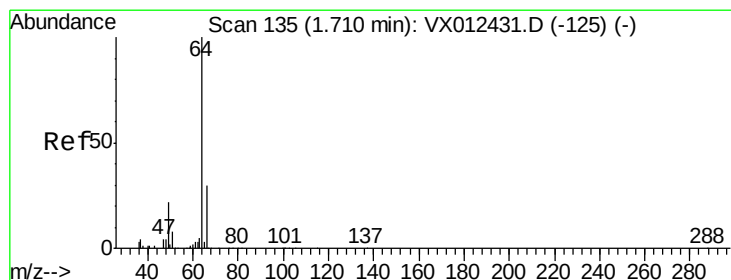
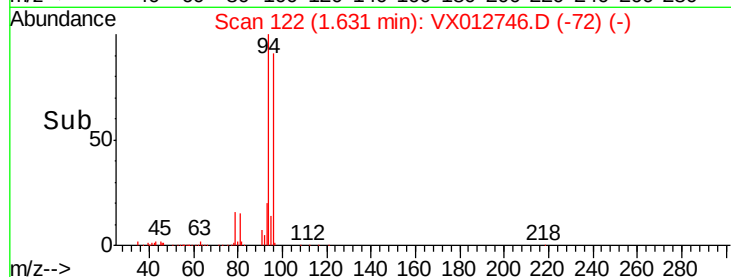
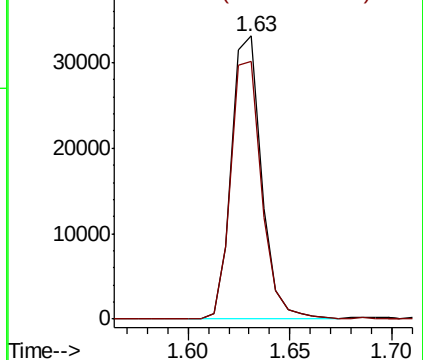
94 100

96 91.1 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: 43.329 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012746.D

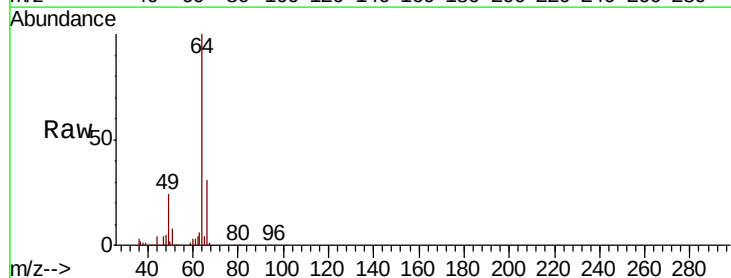
Acq: 01 Oct 2019 20:19

Tgt Ion: 64 Resp: 63051

Ion Ratio Lower Upper

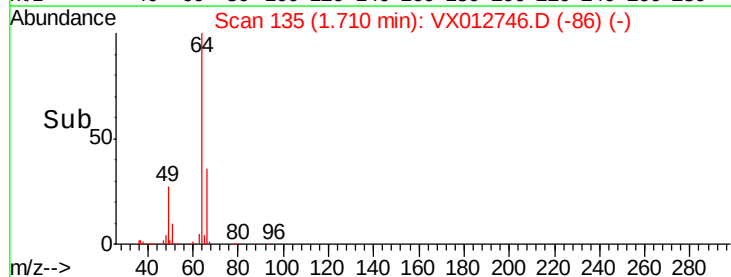
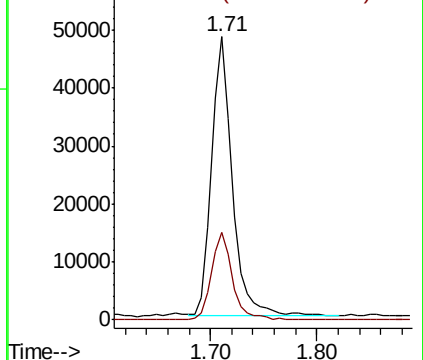
64 100

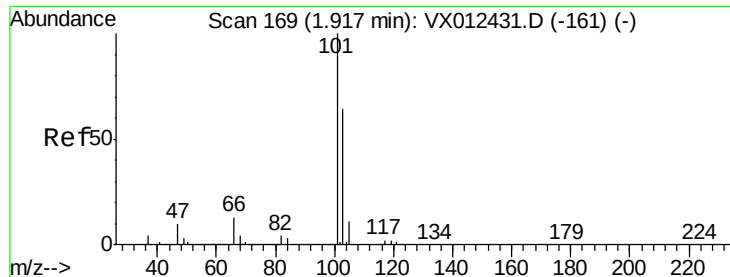
66 31.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



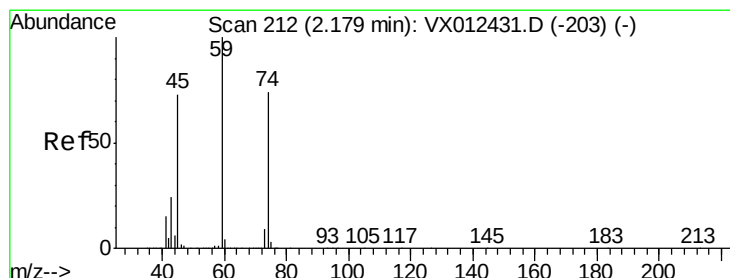
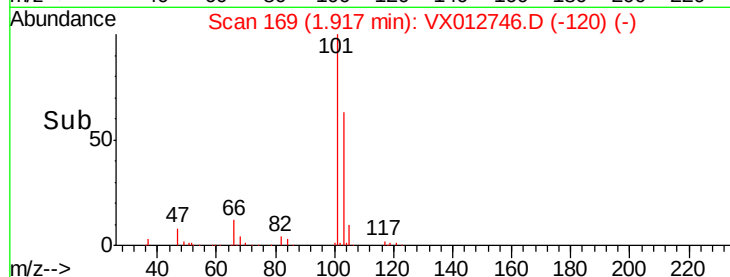
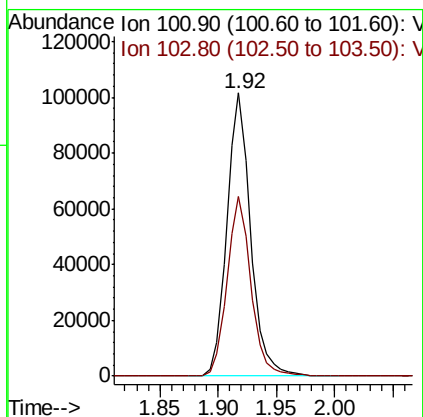
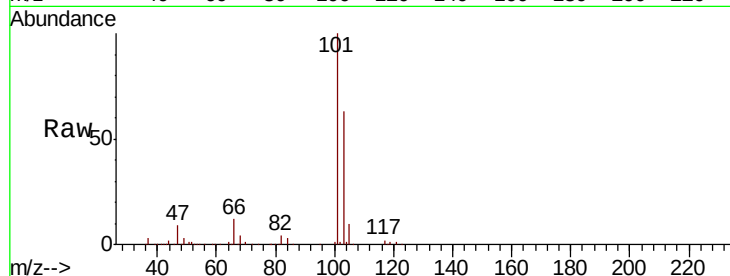


#7

Trichlorofluoromethane
Concen: 47.268 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
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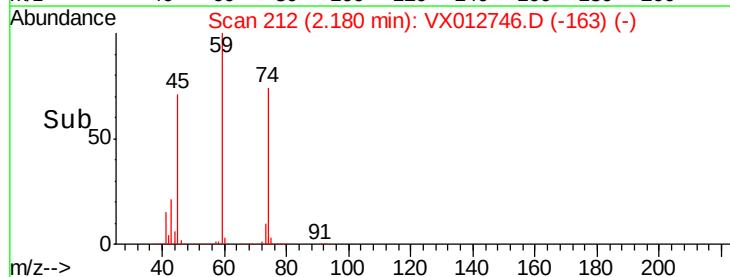
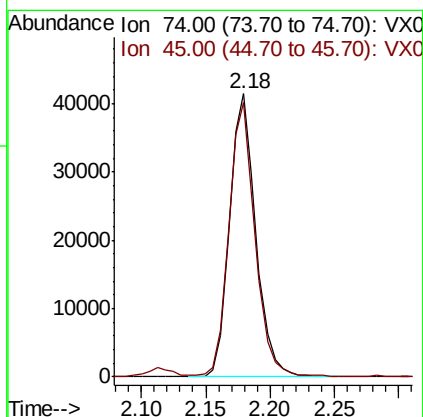
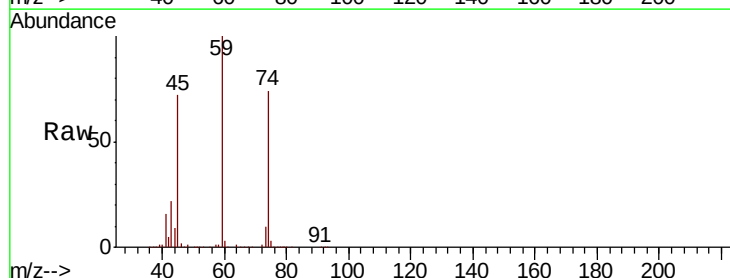
Tot Ion:101 Resp: 143253
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4

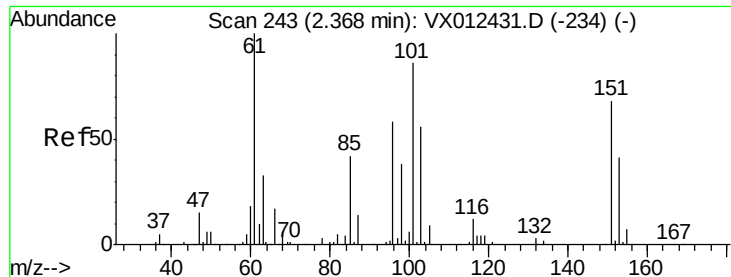


#8

Diethyl Ether
Concen: 47.449 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 74 Resp: 58931
Ion Ratio Lower Upper
74 100
45 96.4 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.088 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

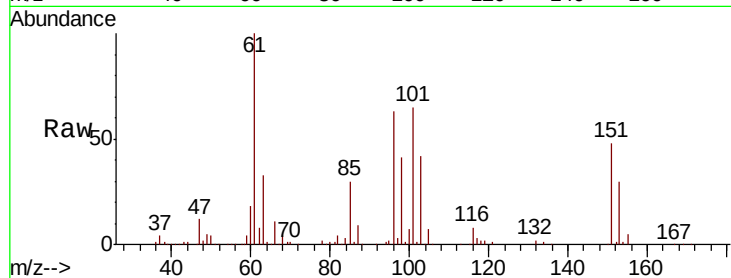
Tot Ion:101 Resp: 90612

Ion Ratio Lower Upper

101 100

85 44.2 37.3 55.9

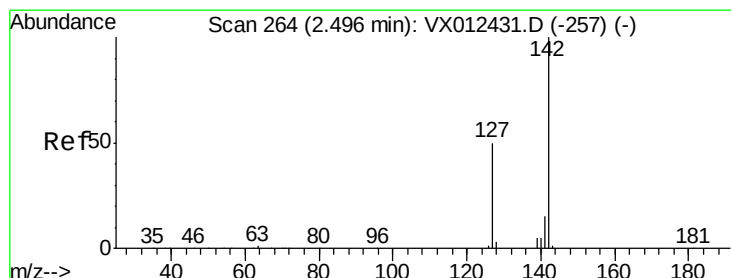
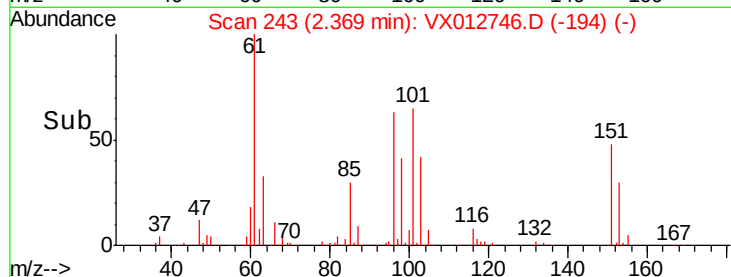
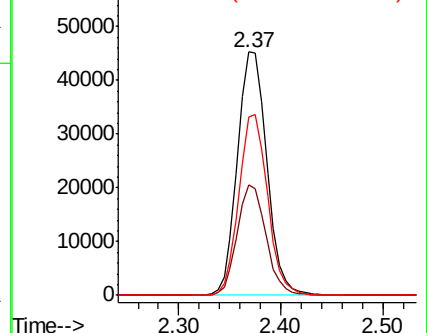
151 72.5 61.0 91.4



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: 46.972 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

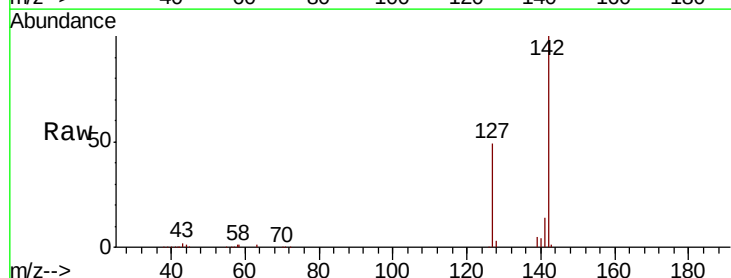
Tgt Ion:142 Resp: 90695

Ion Ratio Lower Upper

142 100

127 46.3 40.8 61.2

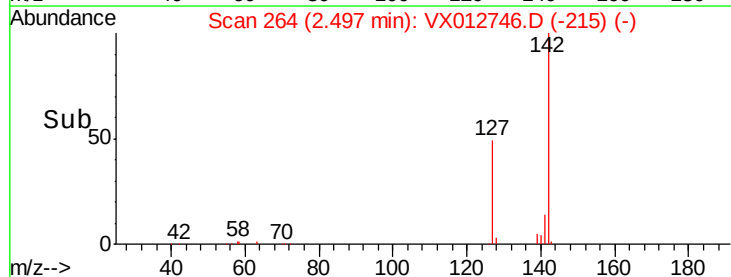
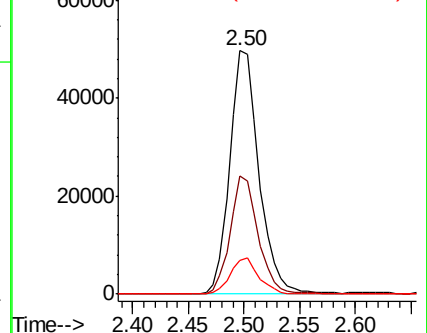
141 14.4 12.1 18.1

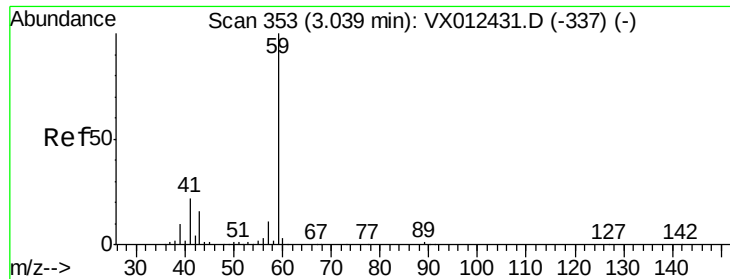


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

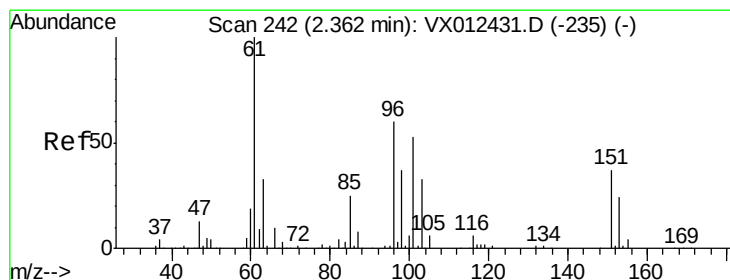
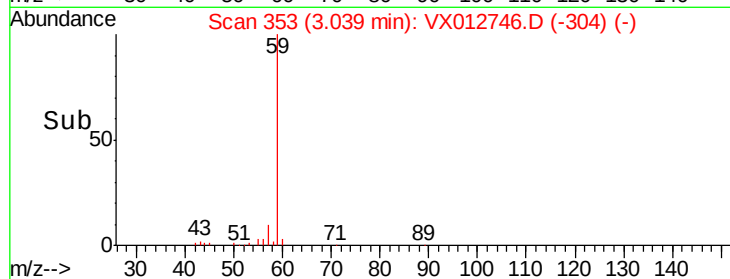
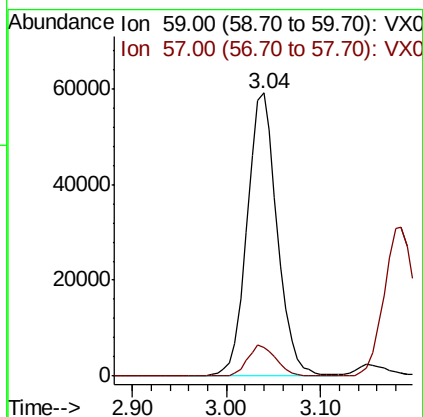
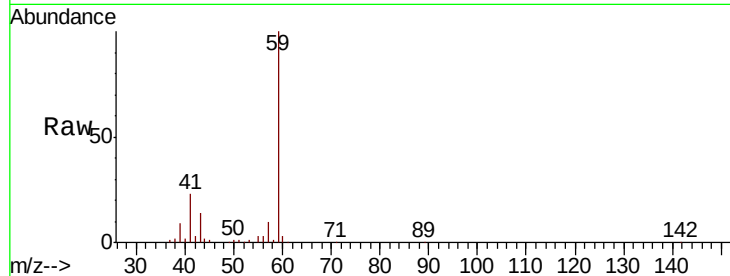




#11
Tert butyl alcohol
Concen: 217.201 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

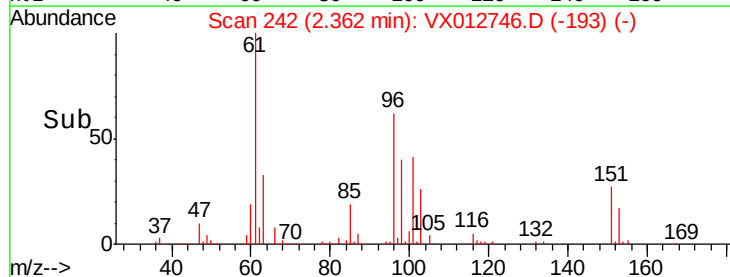
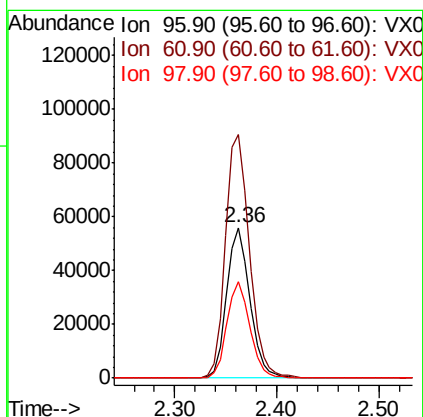
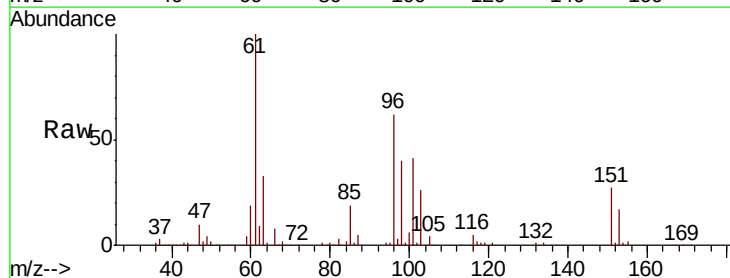
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

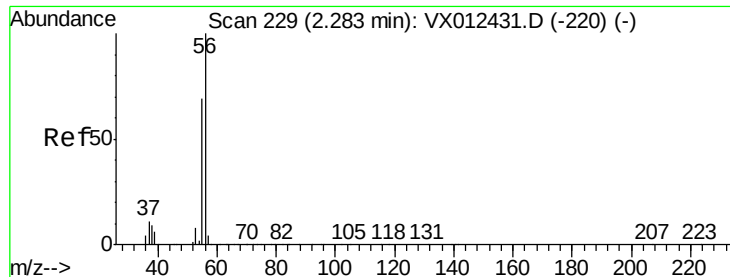
Tot Ion: 59 Resp: 132827
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.661 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 96 Resp: 87956
Ion Ratio Lower Upper
96 100
61 161.6 133.8 200.6
98 63.9 49.9 74.9





#13

Acrolein

Concen: 241.092 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

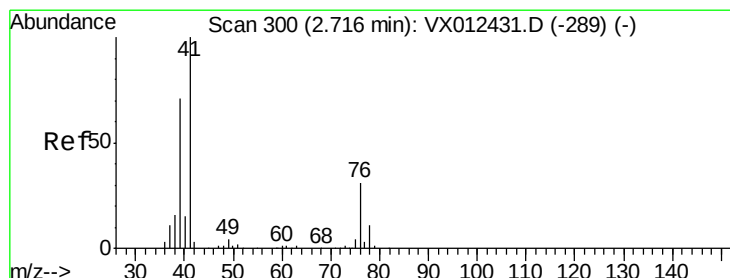
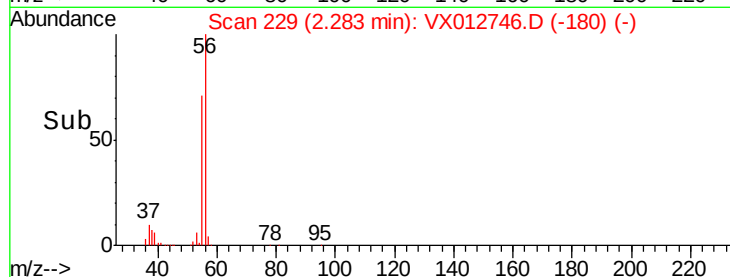
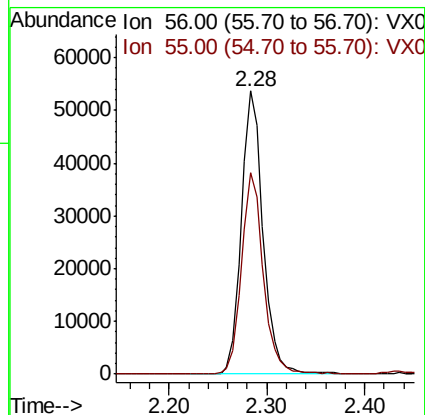
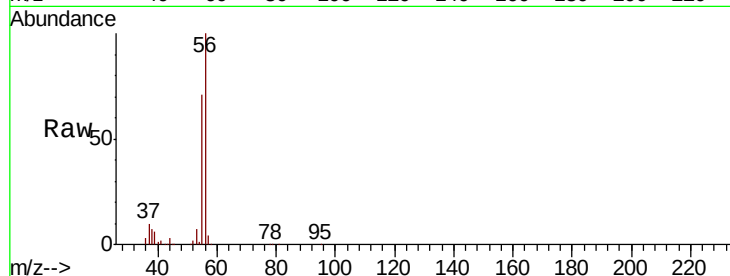
SA-SW201-20190926MS

Tot Ion: 56 Resp: 82002

Ion Ratio Lower Upper

56 100

55 72.4 55.8 83.8



#14

Allyl chloride

Concen: 46.100 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

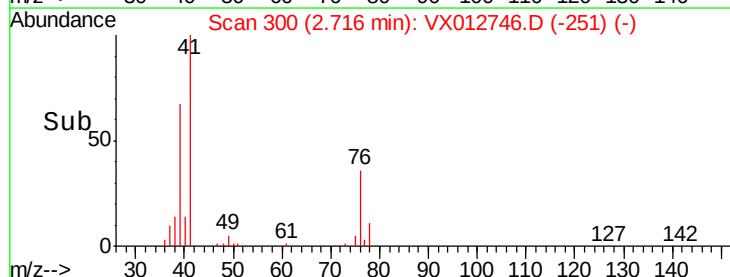
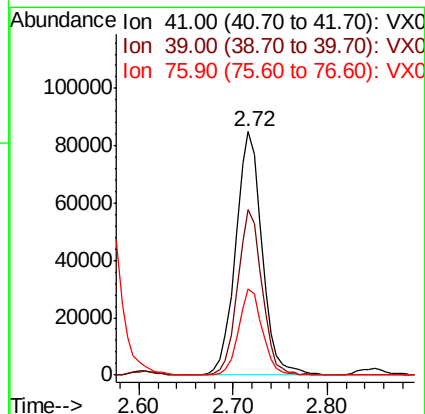
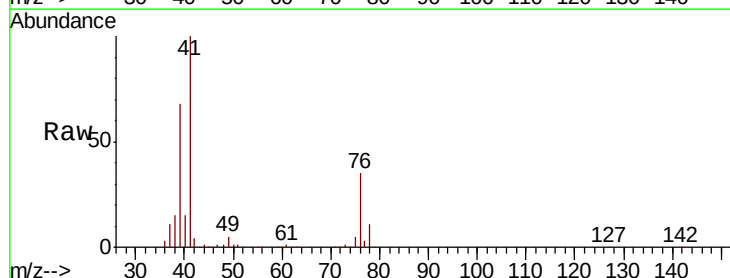
Tgt Ion: 41 Resp: 165320

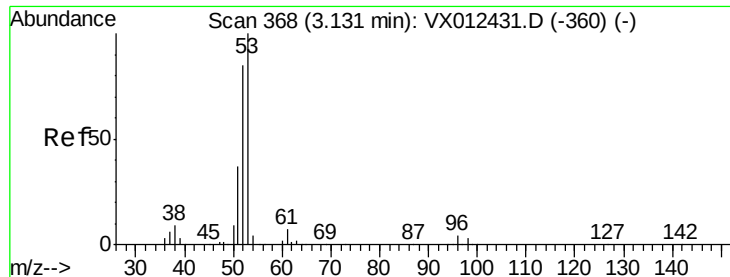
Ion Ratio Lower Upper

41 100

39 62.9 51.3 76.9

76 31.8 22.6 33.8





#15

Acrylonitrile

Concen: 249.773 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

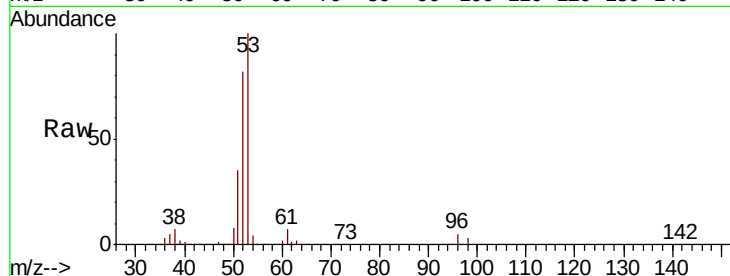
Tot Ion: 53 Resp: 309889

Ion Ratio Lower Upper

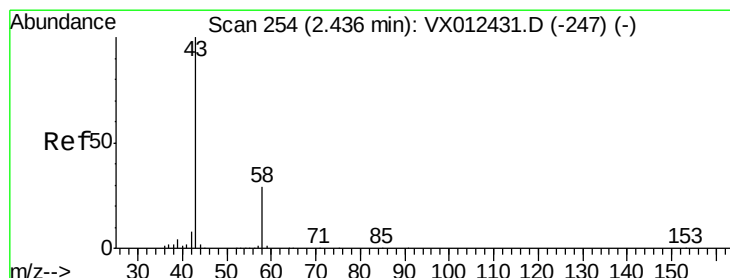
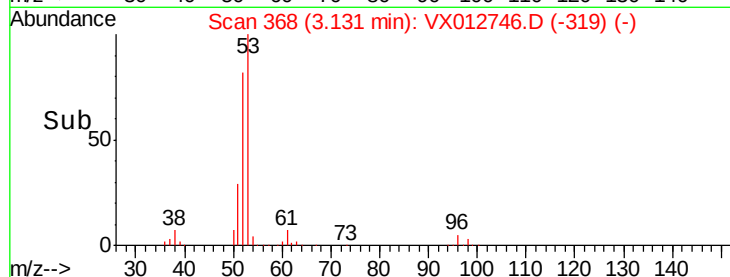
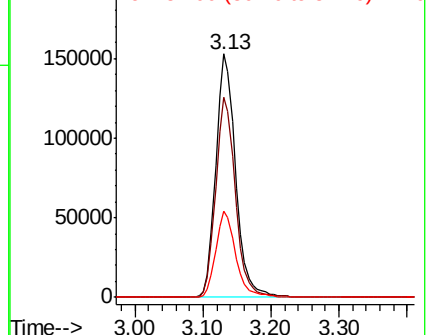
53 100

52 81.4 67.0 100.4

51 35.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 206.732 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012746.D

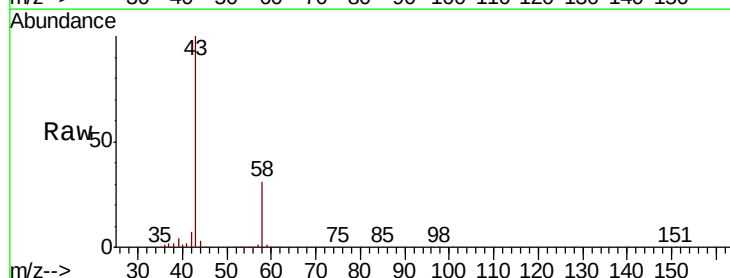
Acq: 01 Oct 2019 20:19

Tgt Ion: 43 Resp: 268067

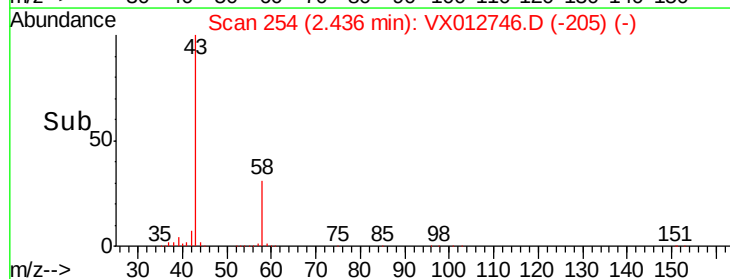
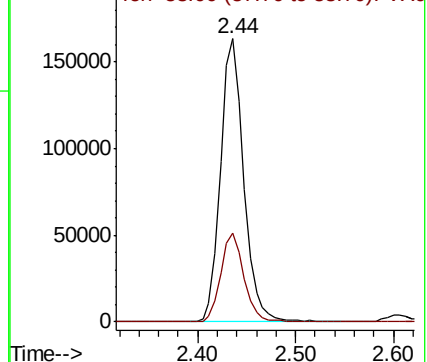
Ion Ratio Lower Upper

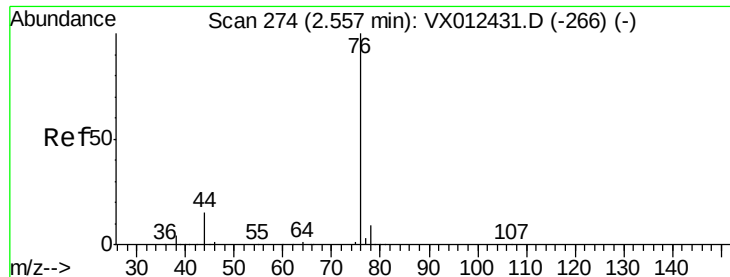
43 100

58 31.3 23.3 34.9



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

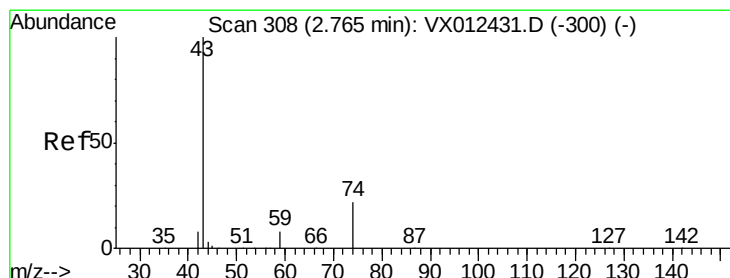
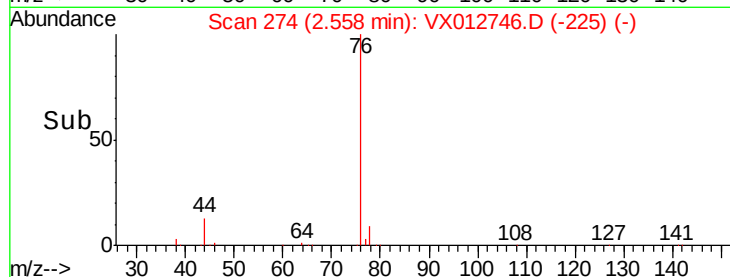
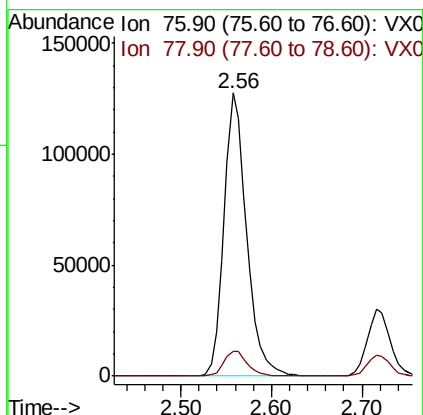
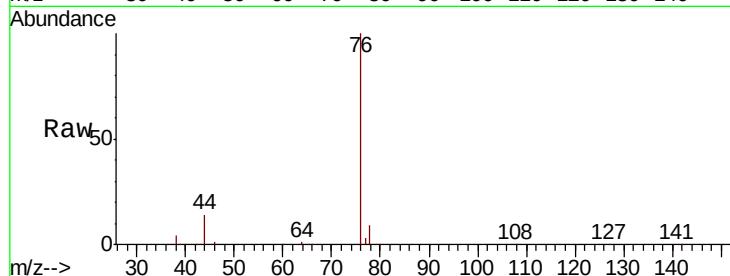




#17
Carbon Disulfide
Concen: 43.708 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

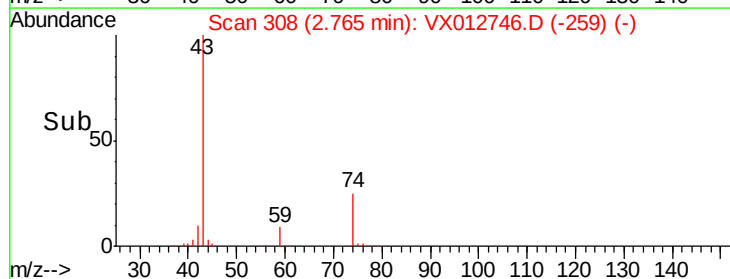
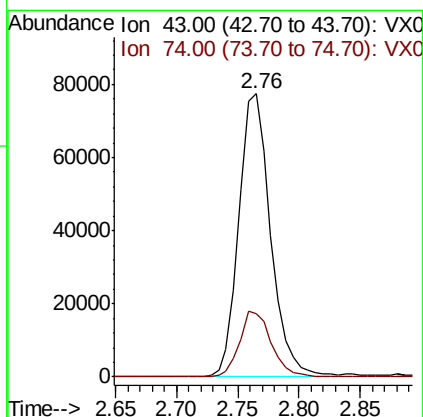
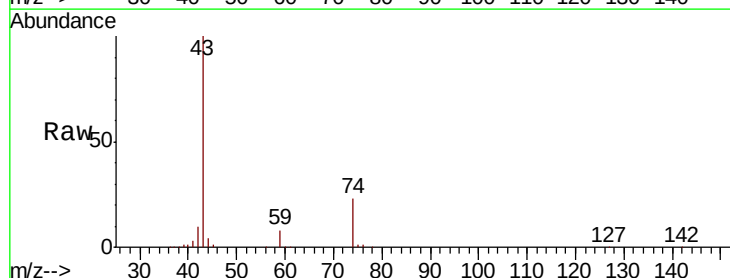
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

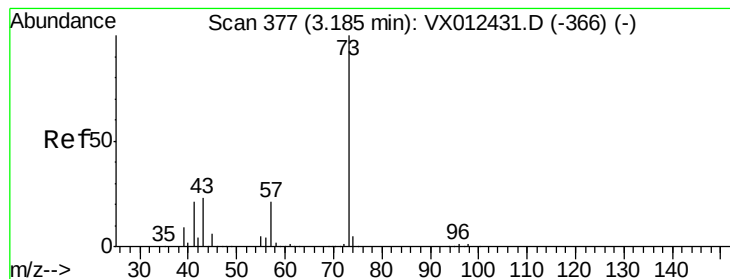
Tot Ion: 76 Resp: 221482
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 45.395 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 43 Resp: 138603
Ion Ratio Lower Upper
43 100
74 23.6 17.7 26.5



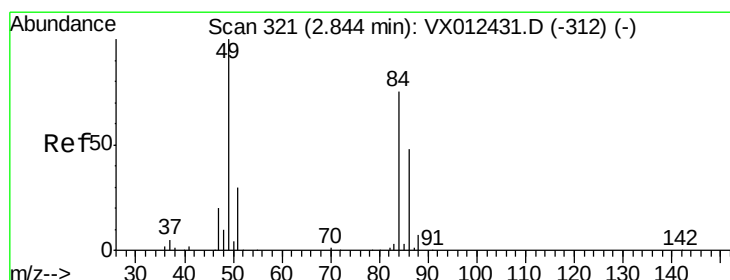
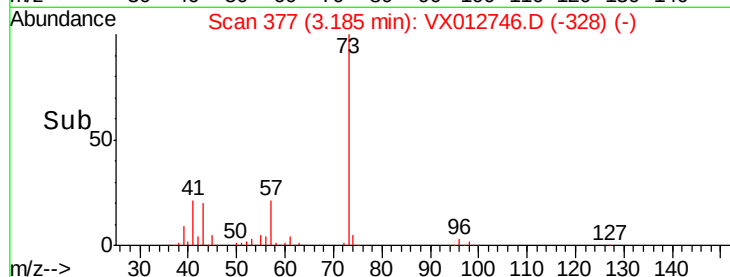
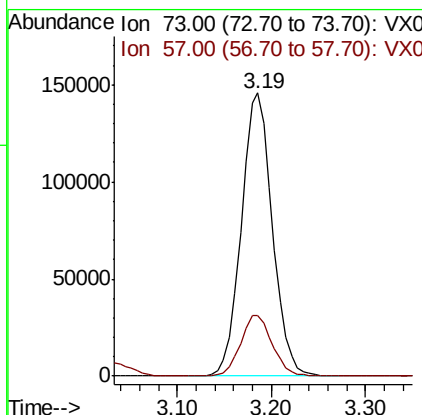
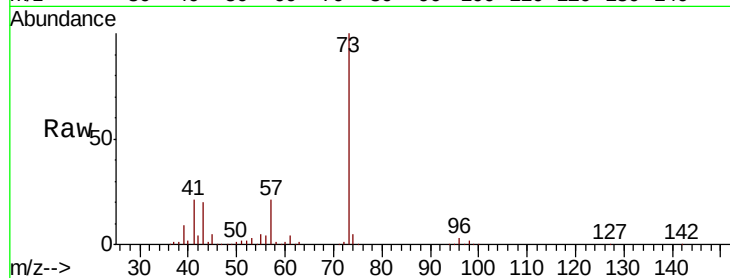


#19

Methyl tert-butyl Ether
 Concen: 48.923 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

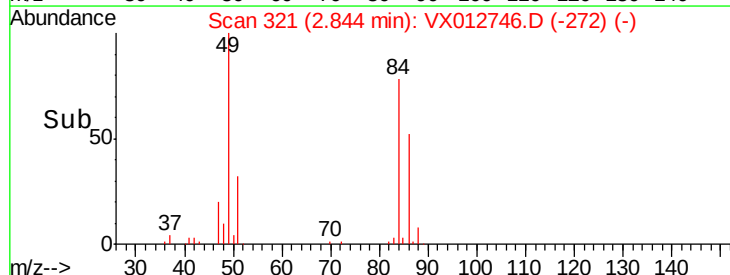
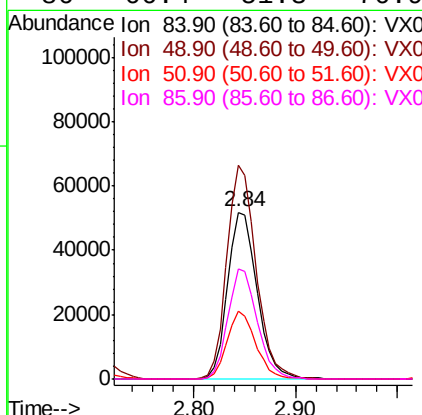
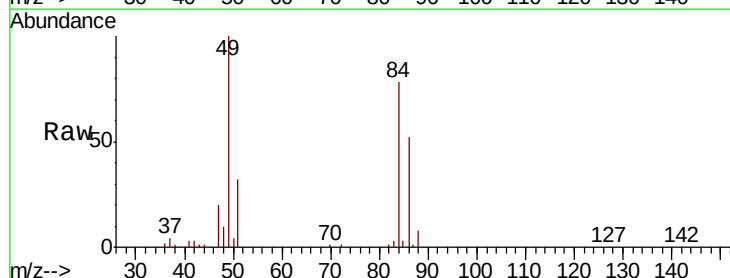
Tot Ion: 73 Resp: 334711
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.8 25.2

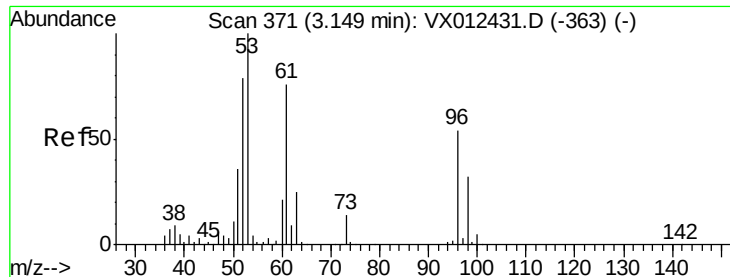


#20

Methylene Chloride
 Concen: 47.440 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 84 Resp: 104043
 Ion Ratio Lower Upper
 84 100
 49 128.3 106.8 160.2
 51 40.9 32.3 48.5
 86 66.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.476 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

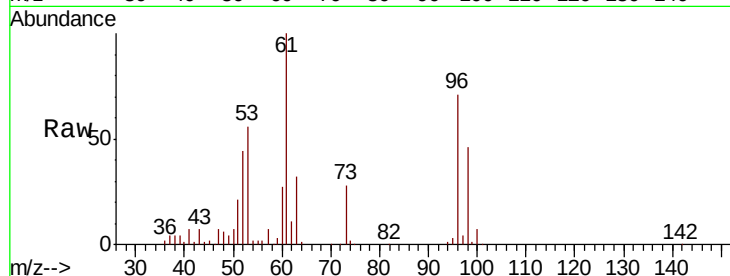
Tot Ion: 96 Resp: 97072

Ion Ratio Lower Upper

96 100

61 141.6 112.0 168.0

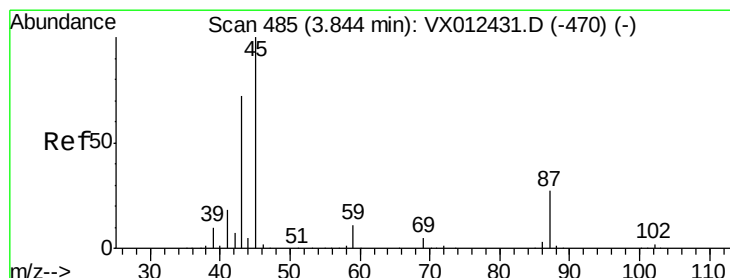
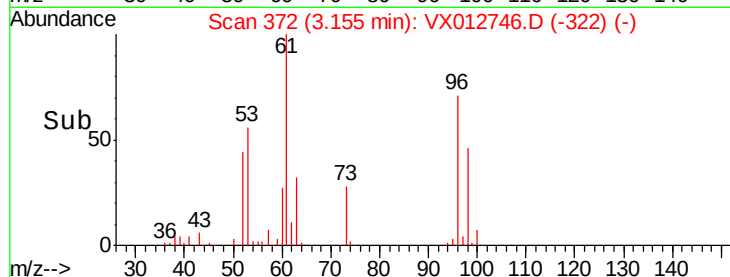
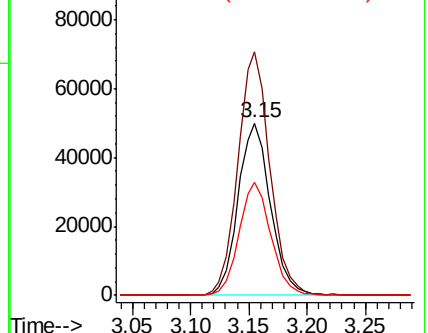
98 65.8 47.8 71.8



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: 48.303 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Tgt Ion: 45 Resp: 334707

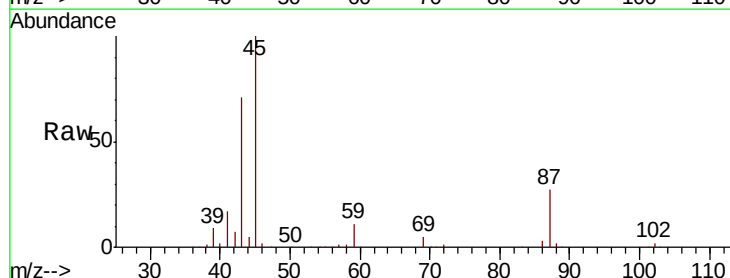
Ion Ratio Lower Upper

45 100

43 71.2 57.8 86.8

87 27.4 21.3 31.9

59 11.2 8.5 12.7

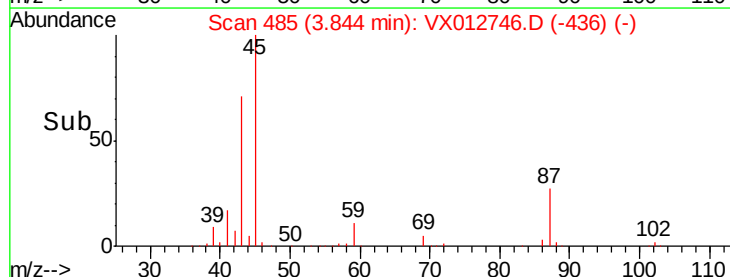
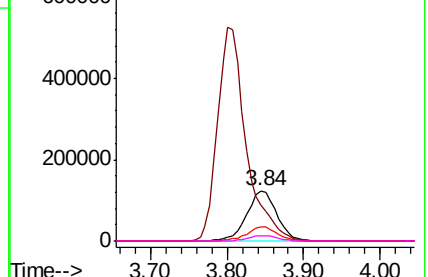


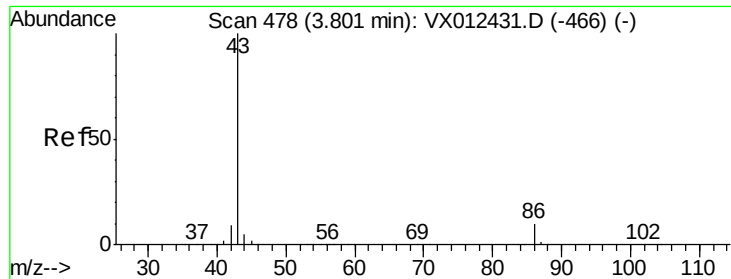
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 224.943 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

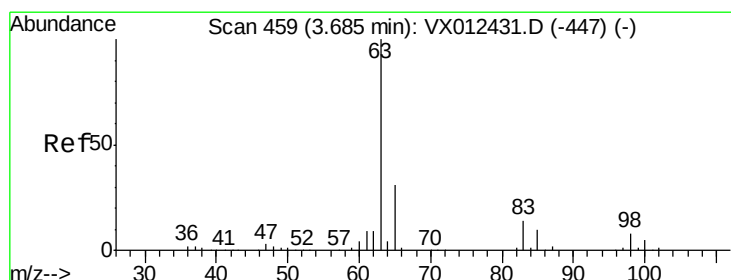
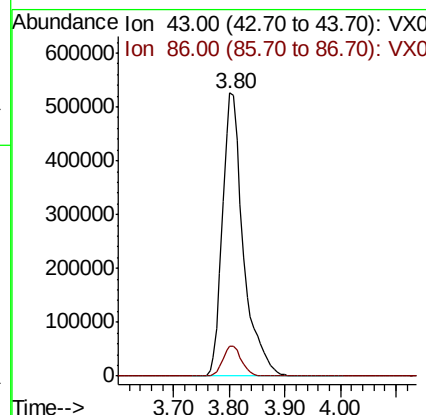
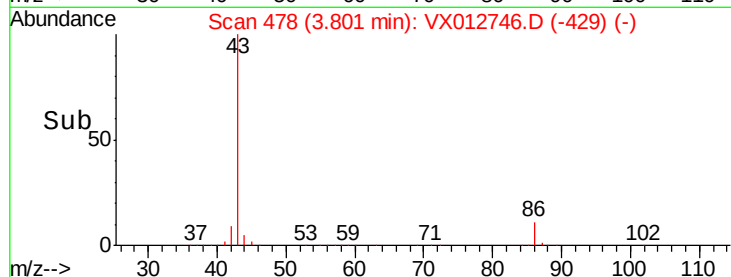
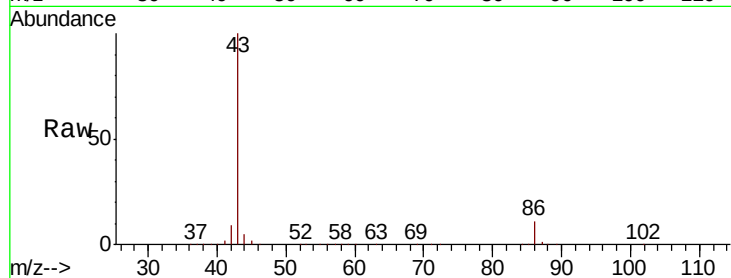
SA-SW201-20190926MS

Tot Ion: 43 Resp: 1366914

Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



#24

1,1-Dichloroethane

Concen: 48.529 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

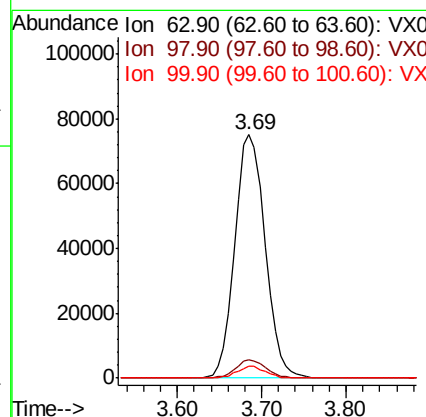
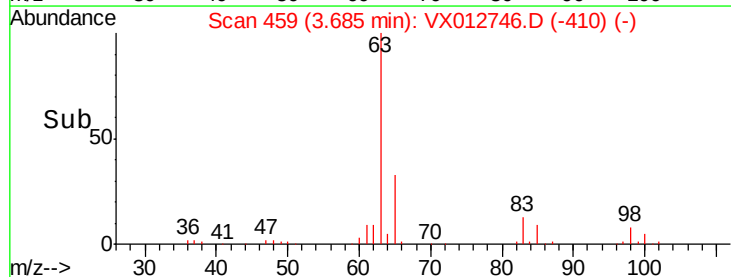
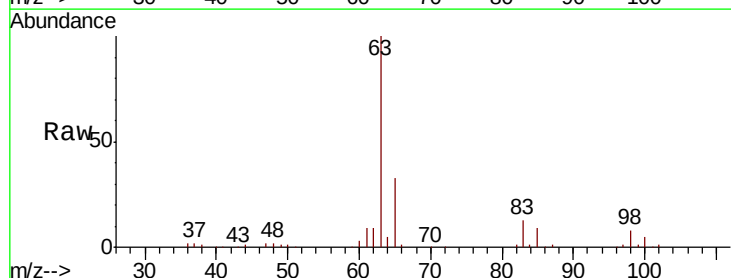
Tgt Ion: 63 Resp: 182788

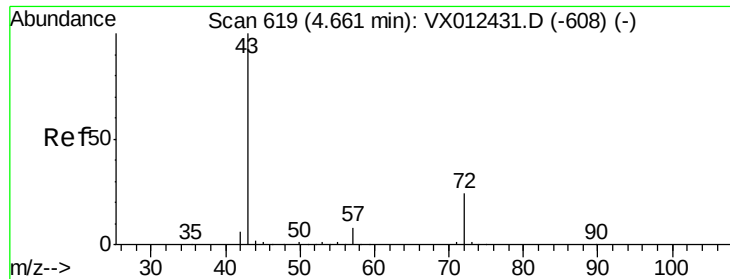
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 225.898 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

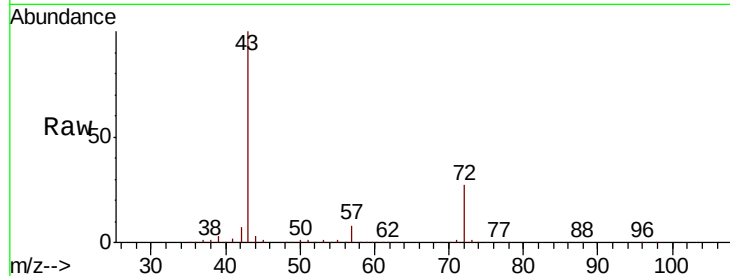
SA-SW201-20190926MS

Tot Ion: 43 Resp: 420001

Ion Ratio Lower Upper

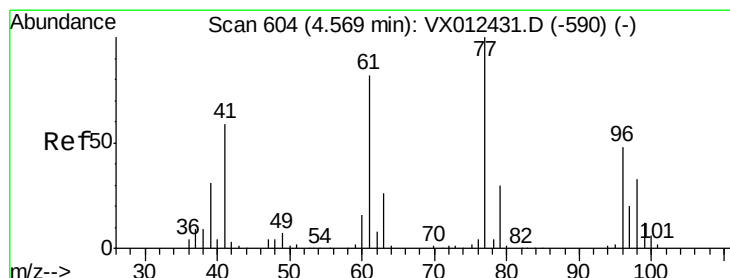
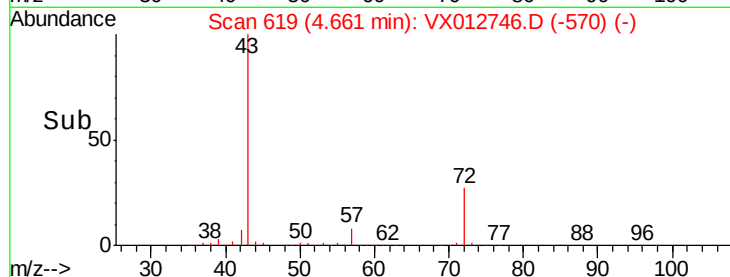
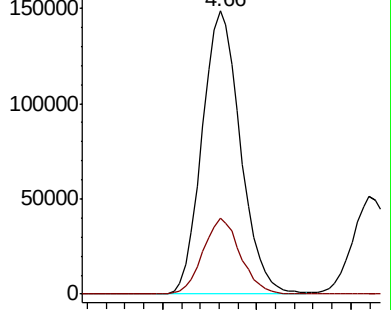
43 100

72 26.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.732 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012746.D

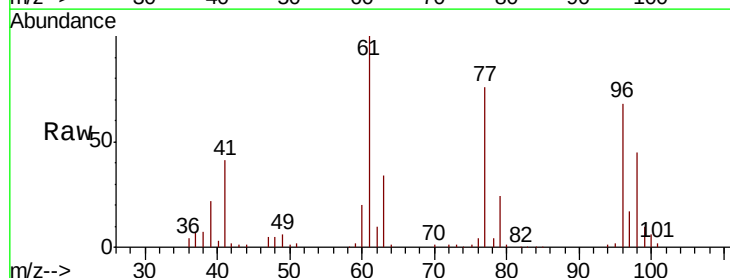
Acq: 01 Oct 2019 20:19

Tgt Ion: 77 Resp: 123054

Ion Ratio Lower Upper

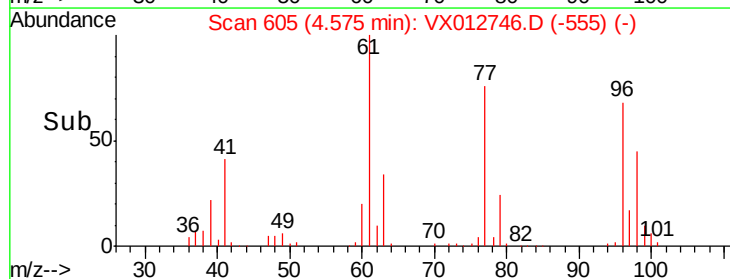
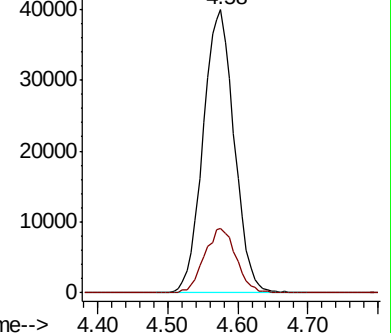
77 100

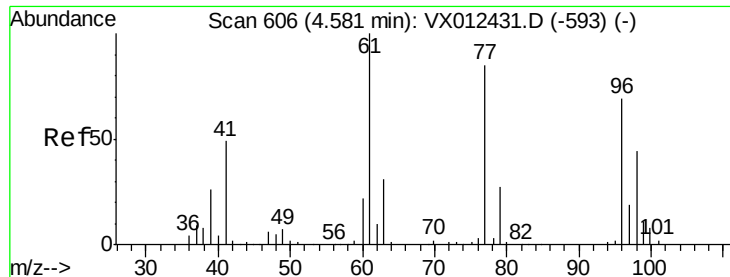
97 23.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



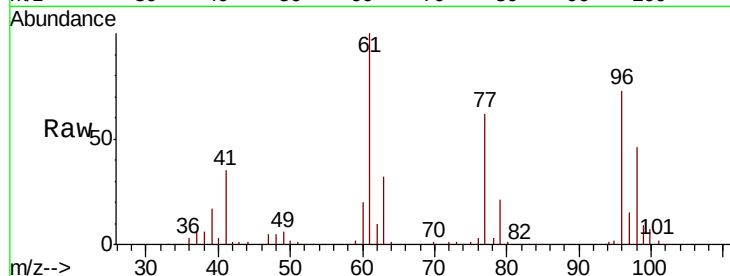


#27

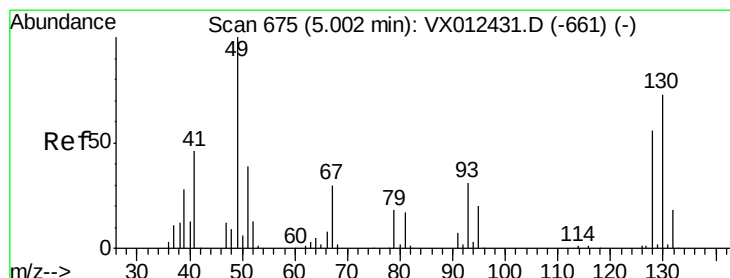
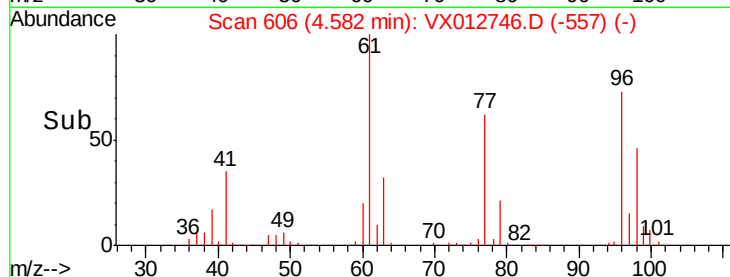
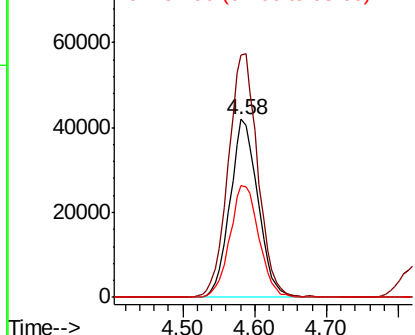
cis-1,2-Dichloroethene
 Concen: 48.752 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion: 96 Resp: 113276
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 319.4
 98 65.3 0.0 130.6



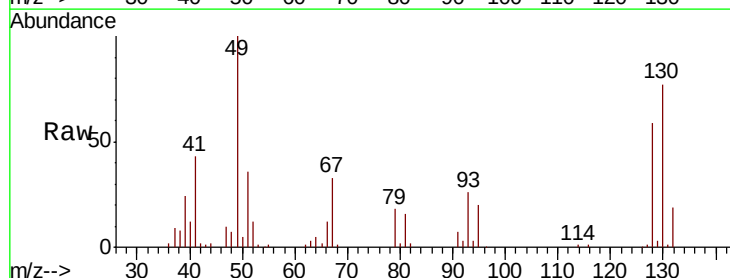
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



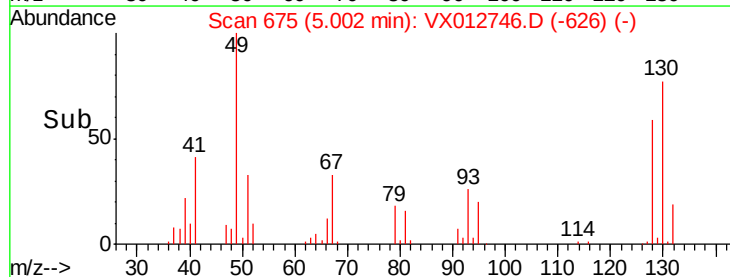
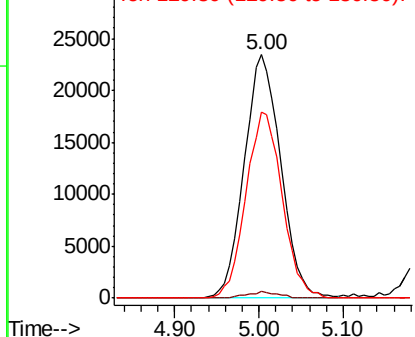
#28

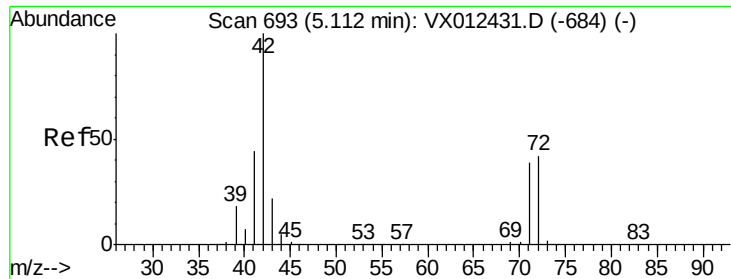
Bromochloromethane
 Concen: 50.370 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 49 Resp: 68889
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 76.1 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

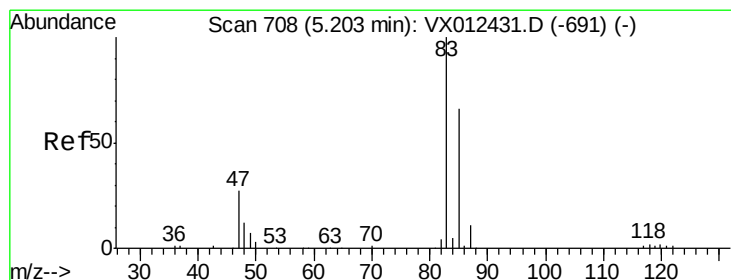
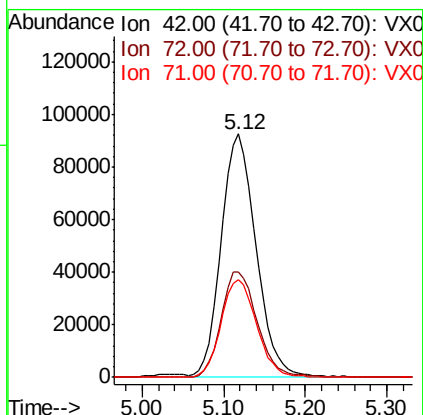
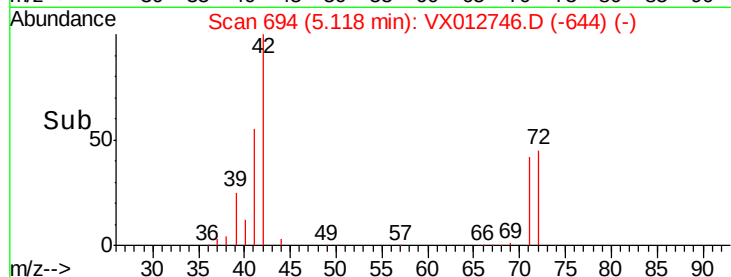
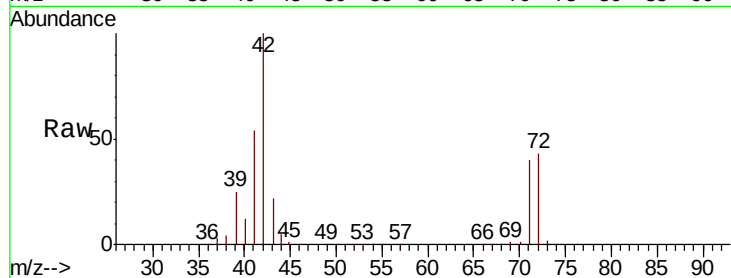




#29
Tetrahydrofuran
Concen: 241.731 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

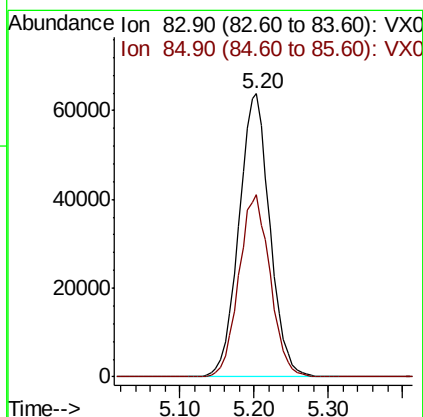
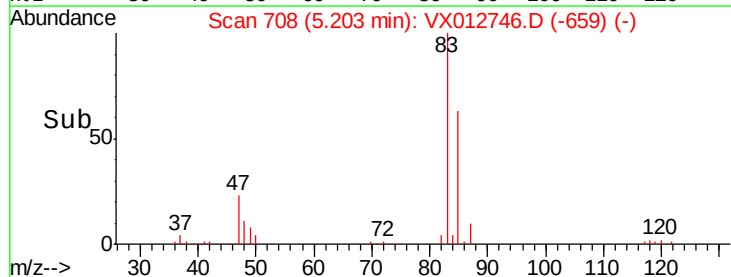
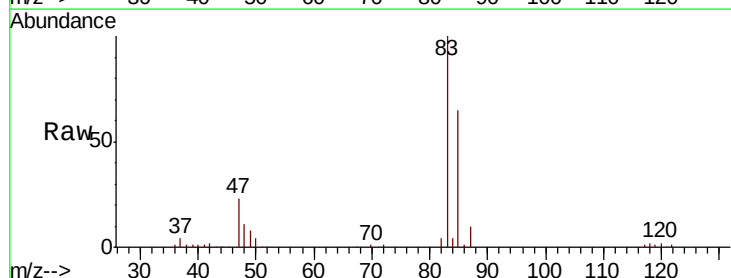
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

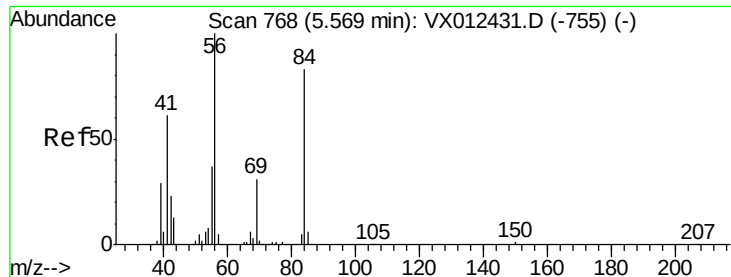
Tot Ion: 42 Resp: 273935
Ion Ratio Lower Upper
42 100
72 45.3 34.0 51.0
71 41.0 31.5 47.3



#30
Chloroform
Concen: 48.187 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 83 Resp: 185691
Ion Ratio Lower Upper
83 100
85 64.6 53.0 79.4

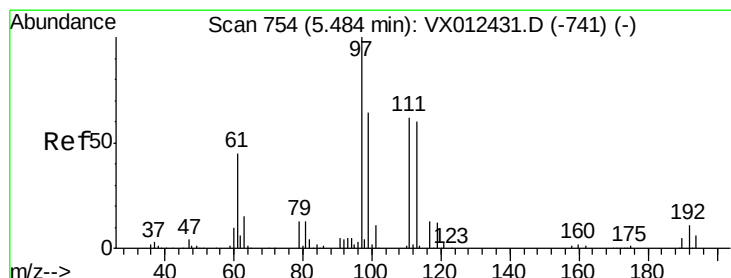
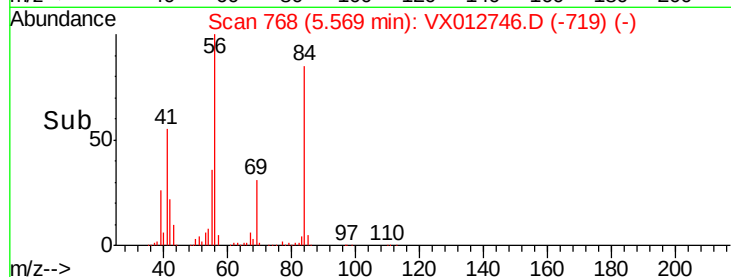
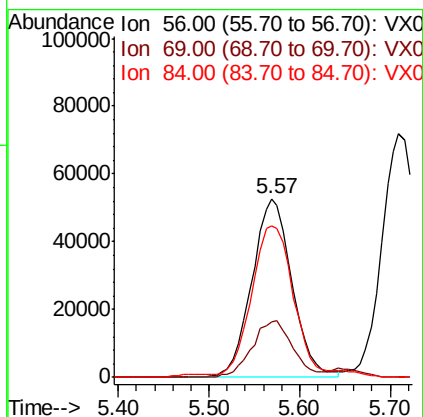
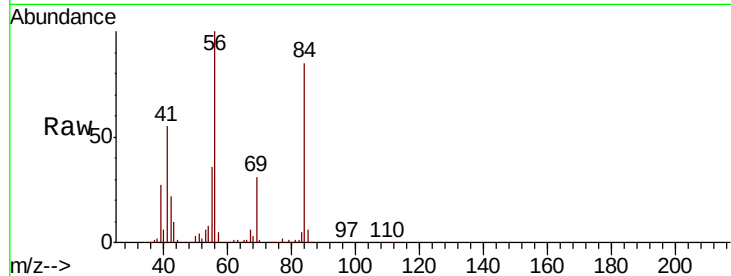




#31
Cyclohexane
Concen: 47.308 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

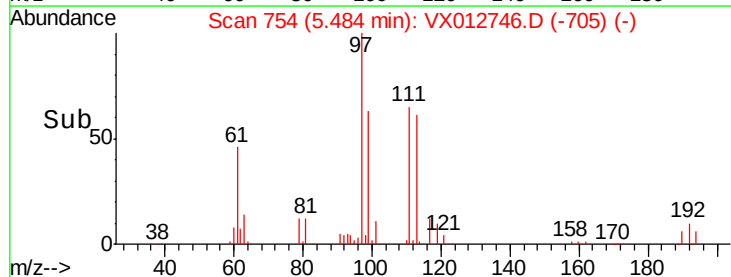
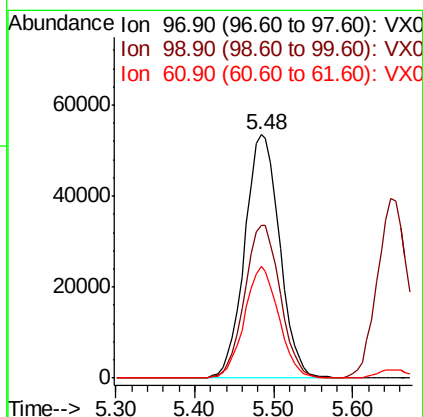
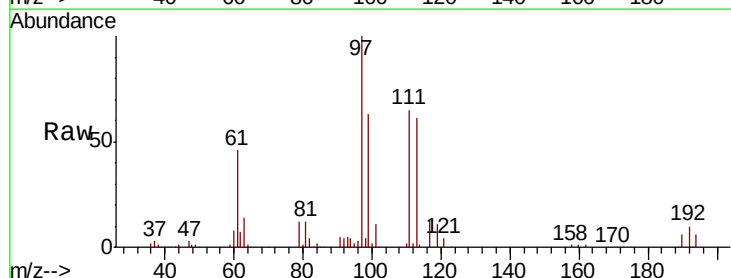
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

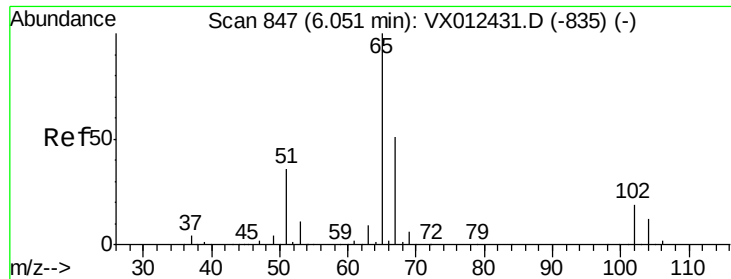
Tot Ion: 56 Resp: 161205
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 82.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.149 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 97 Resp: 164445
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.1 36.1 54.1

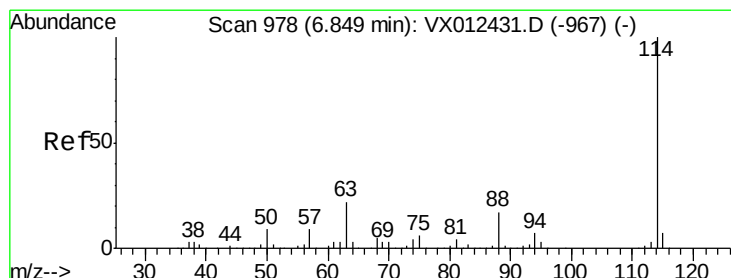
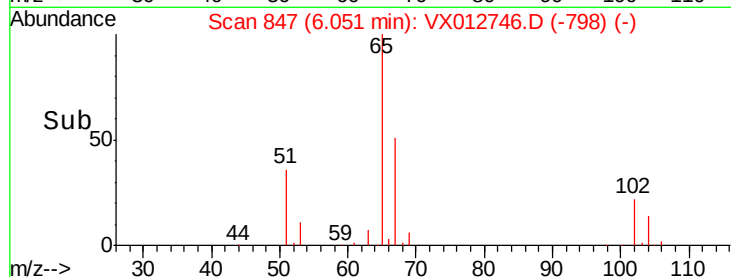
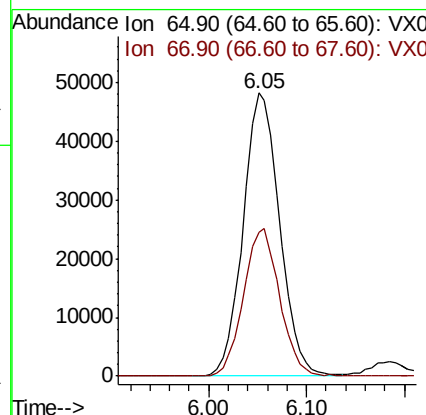
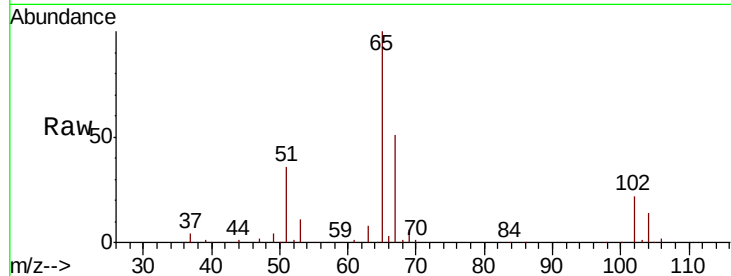




#33
 1,2-Dichloroethane-d4
 Concen: 50.935 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

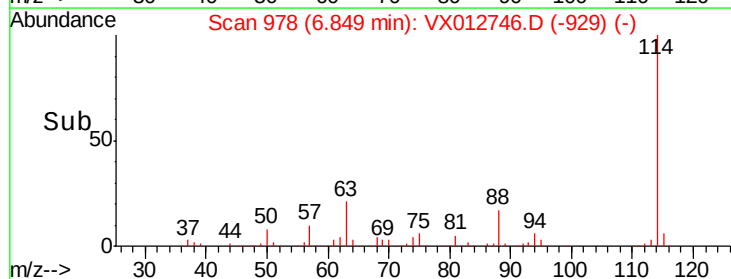
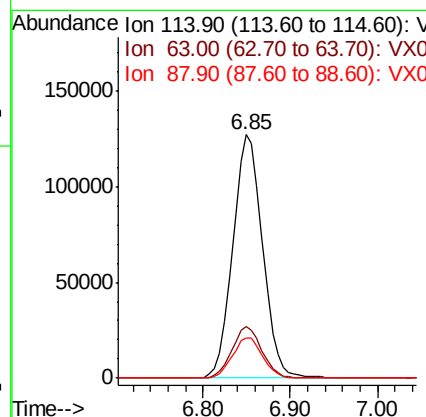
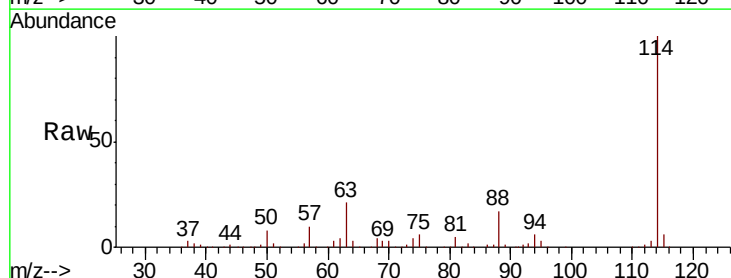
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

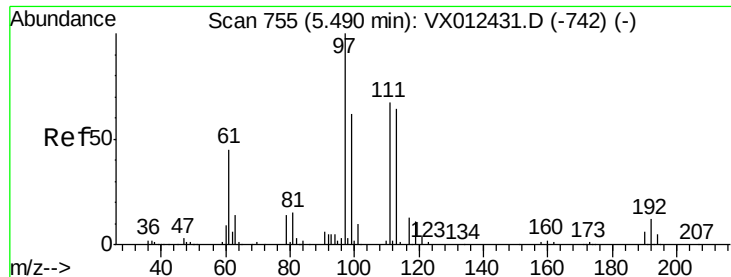
Tot Ion: 65 Resp: 124691
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 114 Resp: 300373
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 16.7 0.0 33.2

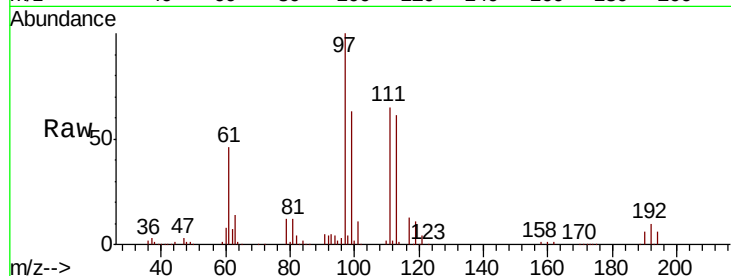




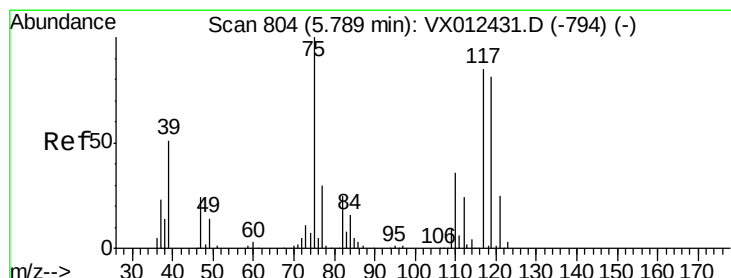
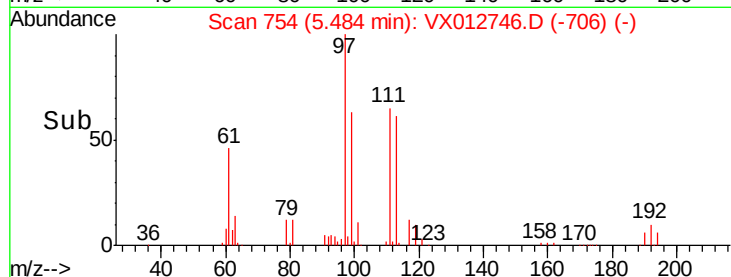
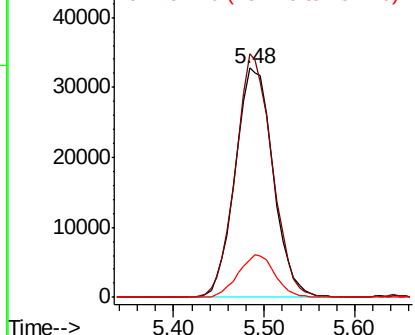
#35
Dibromofluoromethane
Concen: 53.266 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:113 Resp: 95285
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 17.9 14.4 21.6

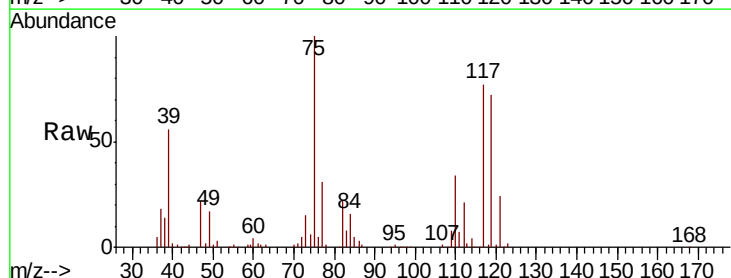


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

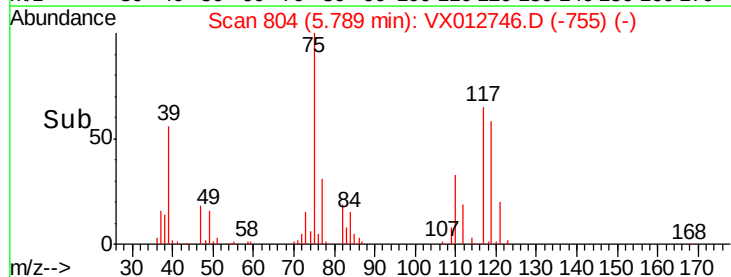
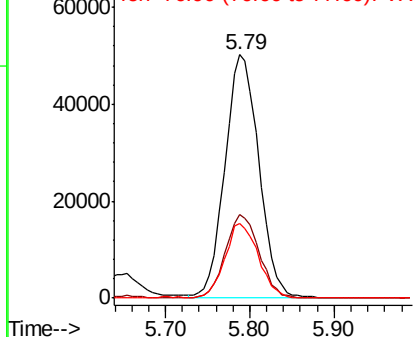


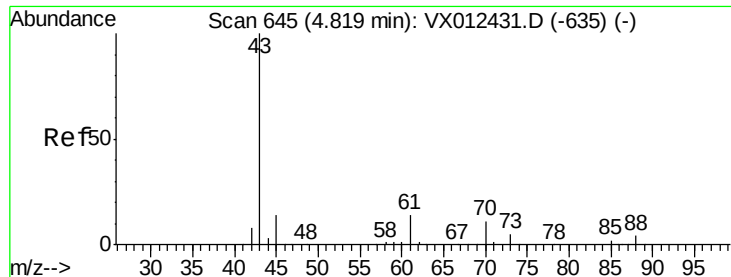
#36
1,1-Dichloropropene
Concen: 47.488 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 75 Resp: 137491
Ion Ratio Lower Upper
75 100
110 34.2 16.7 50.0
77 30.3 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

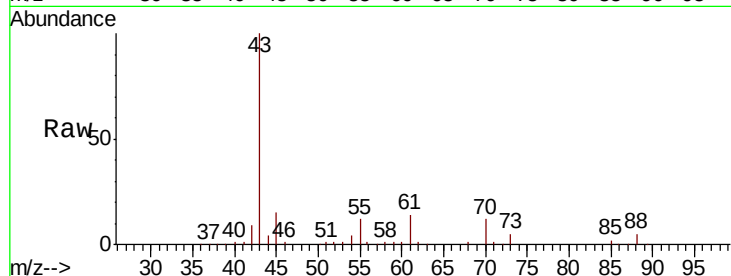




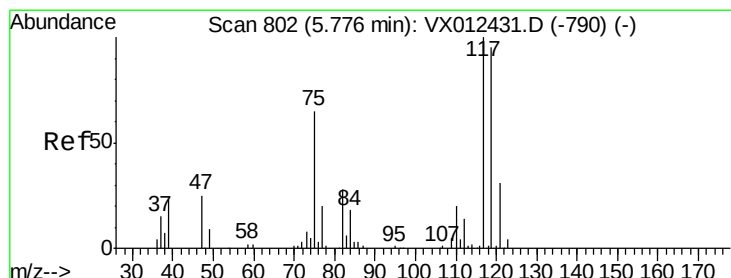
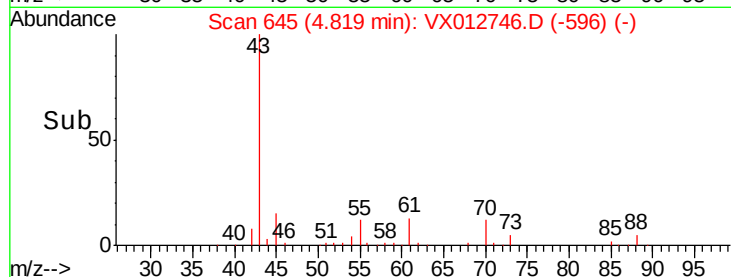
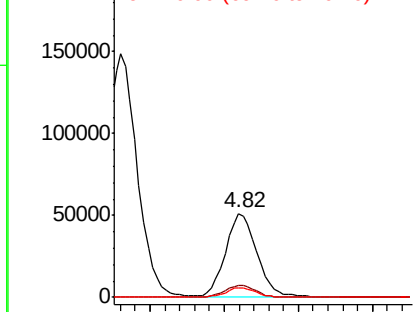
#37
Ethyl Acetate
Concen: 44.521 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion: 43 Resp: 150698
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.4
70 11.6 8.7 13.1

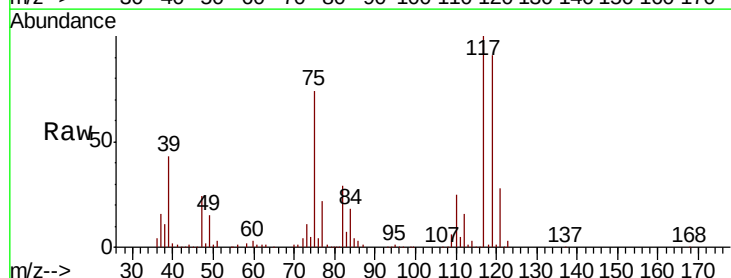


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

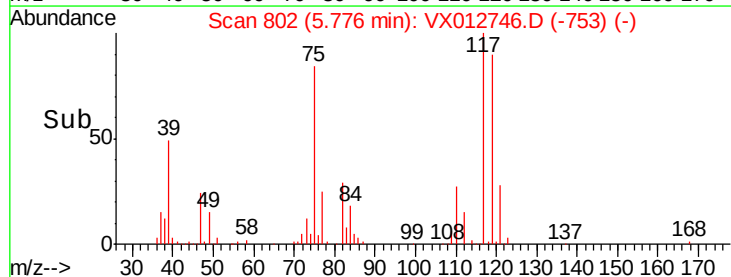
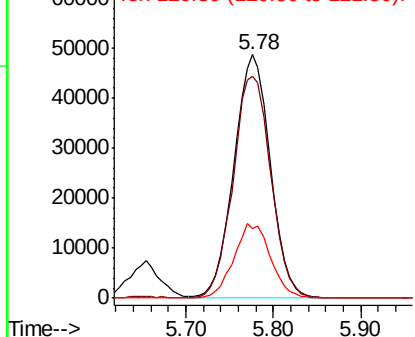


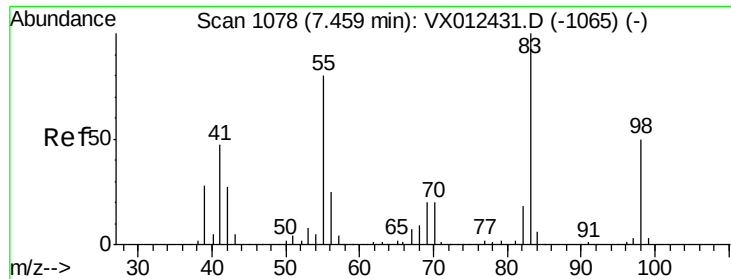
#38
Carbon Tetrachloride
Concen: 47.834 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 117 Resp: 140683
Ion Ratio Lower Upper
117 100
119 91.0 75.7 113.5
121 28.4 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

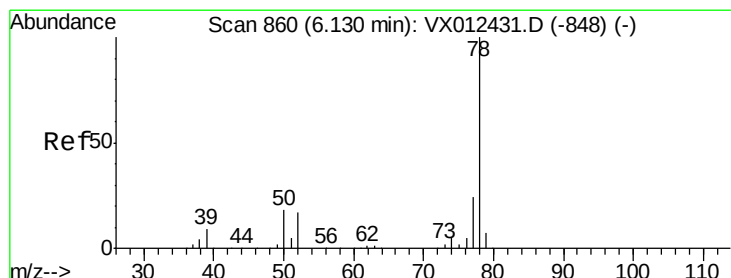
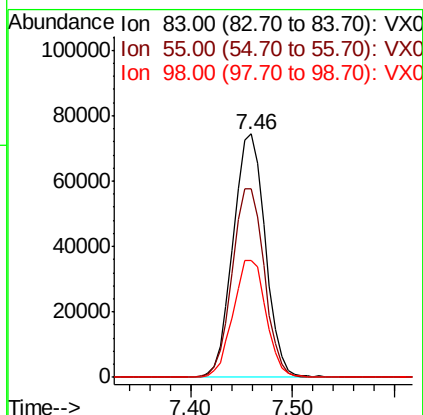
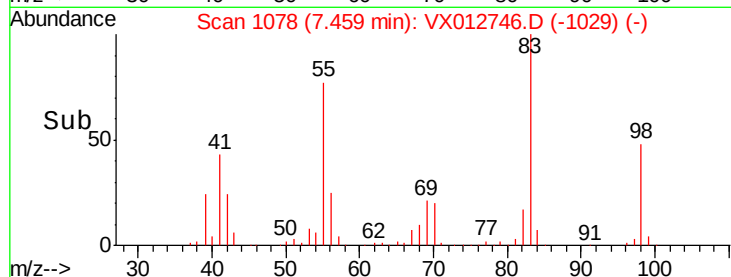
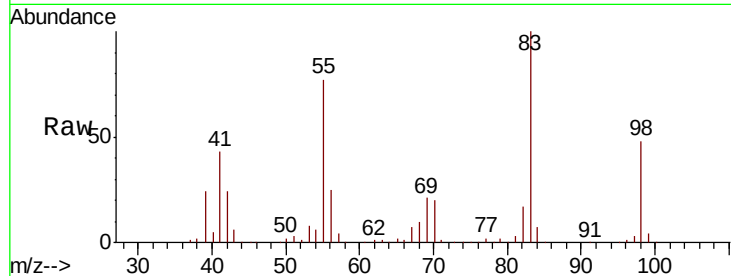




#39
Methylvlcyclohexane
Concen: 46.728 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

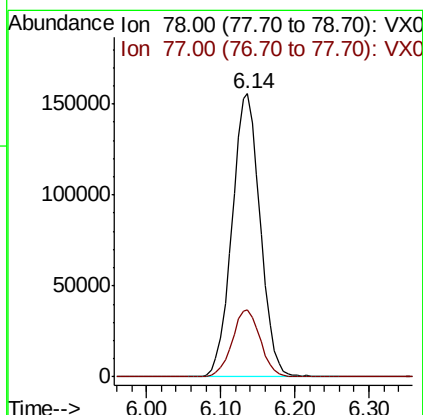
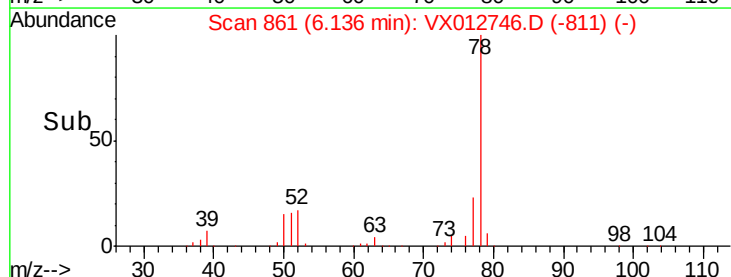
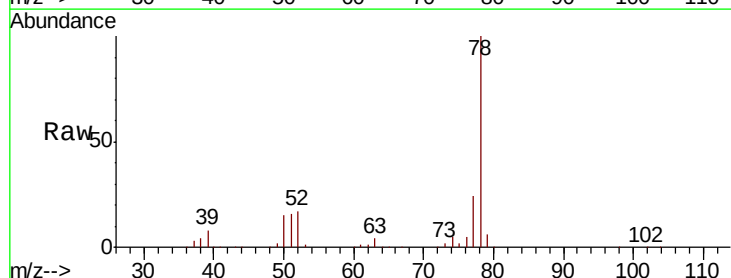
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

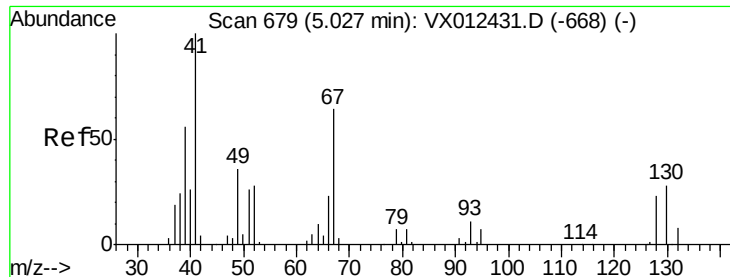
Tot Ion: 83 Resp: 162871
Ion Ratio Lower Upper
83 100
55 77.4 64.4 96.6
98 47.9 40.1 60.1



#40
Benzene
Concen: 48.327 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 78 Resp: 411682
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

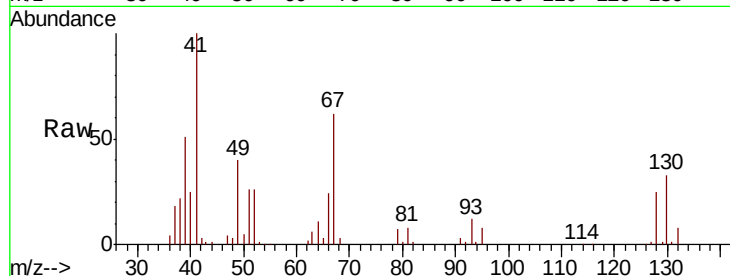




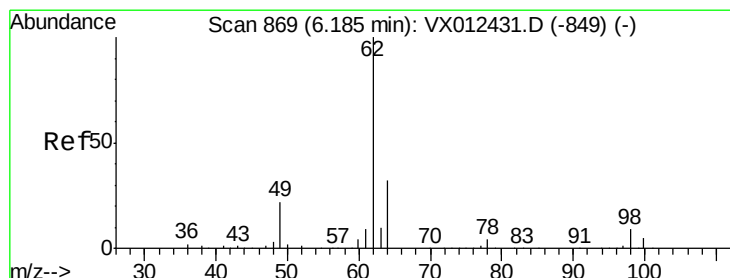
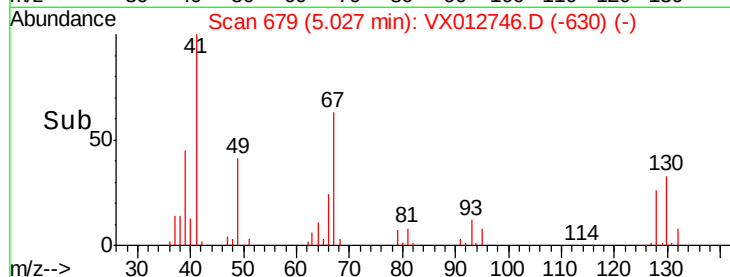
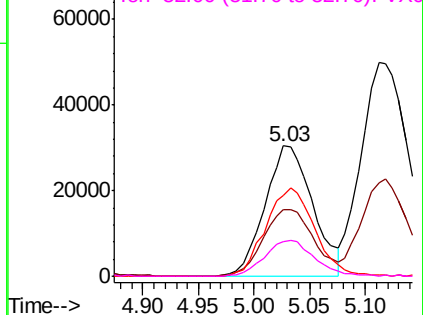
#41
Methacrylonitrile
Concen: 48.145 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion: 41 Resp: 91434
Ion Ratio Lower Upper
41 100
39 54.1 46.0 69.0
67 68.7 52.2 78.2
52 28.7 22.7 34.1

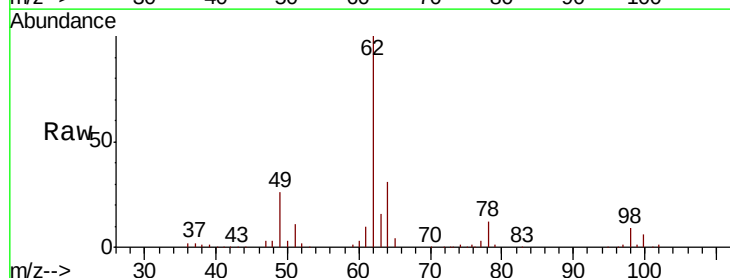


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

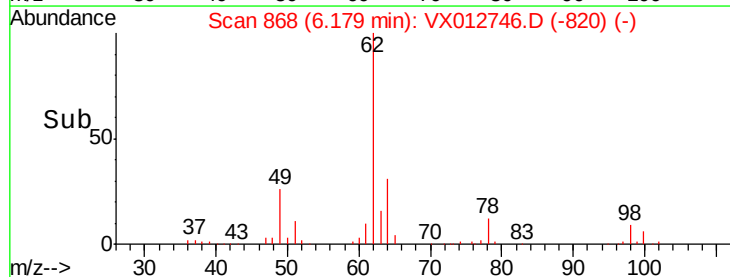
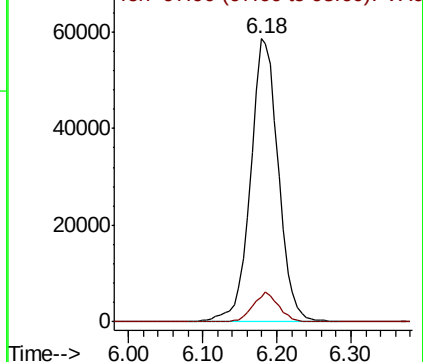


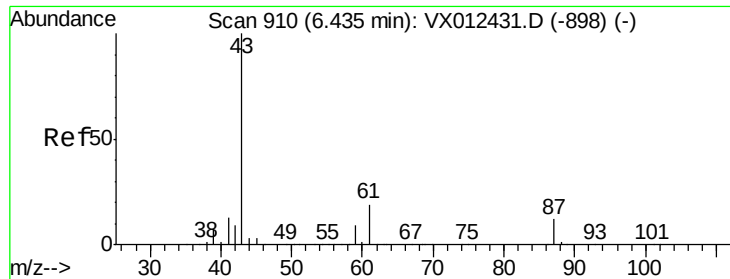
#42
1,2-Dichloroethane
Concen: 47.550 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 62 Resp: 153820
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.8



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



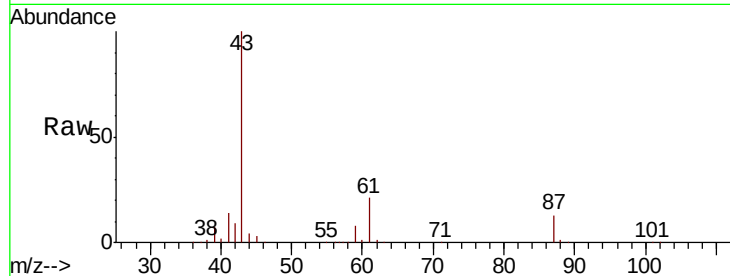


#43

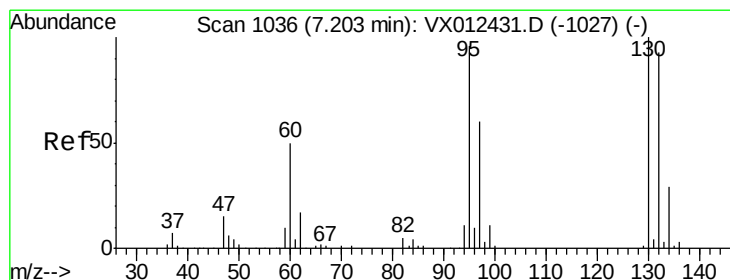
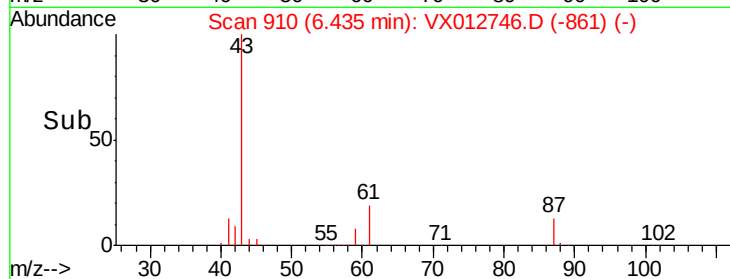
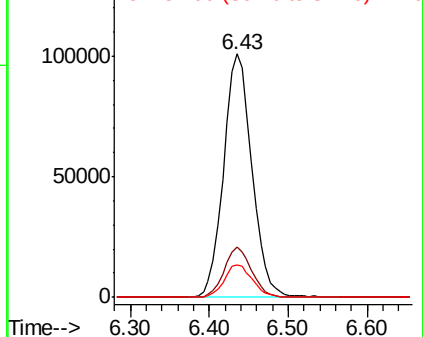
Isopropyl Acetate
 Concen: 44.332 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion: 43 Resp: 250943
 Ion Ratio Lower Upper
 43 100
 61 20.1 15.4 23.0
 87 13.5 9.8 14.8



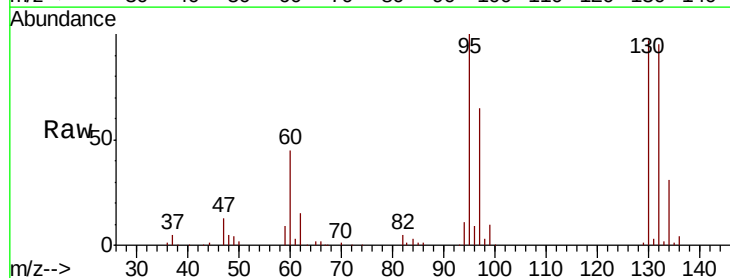
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



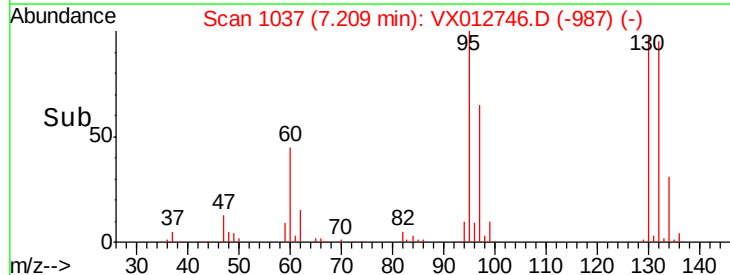
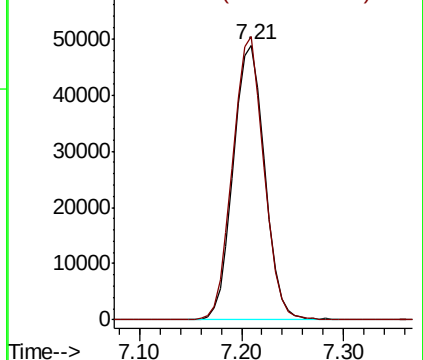
#44

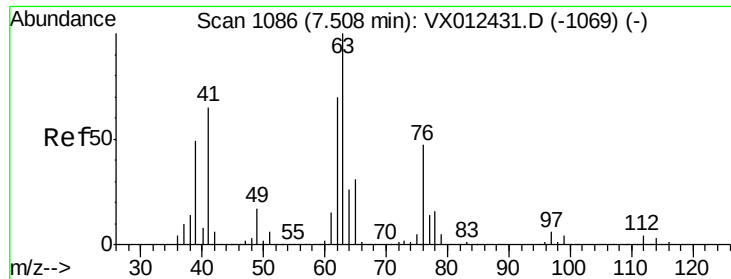
Trichloroethene
 Concen: 47.974 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 130 Resp: 104477
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 193.0



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

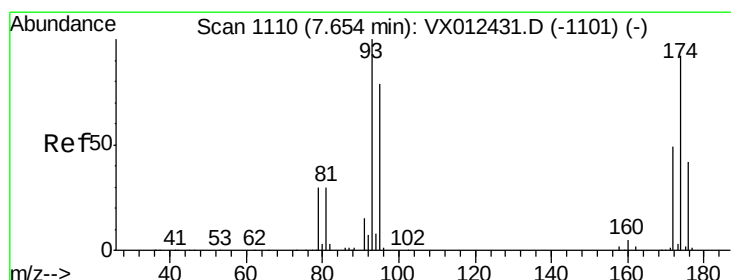
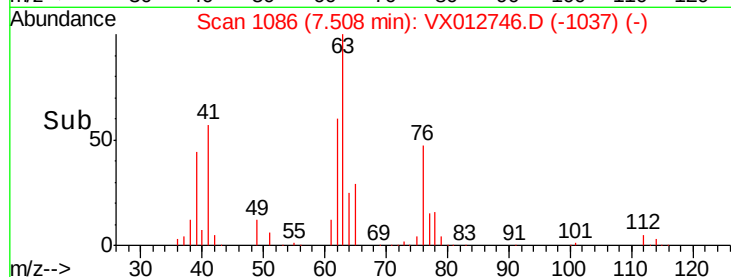
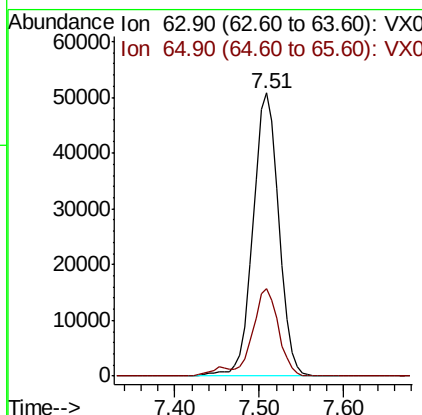
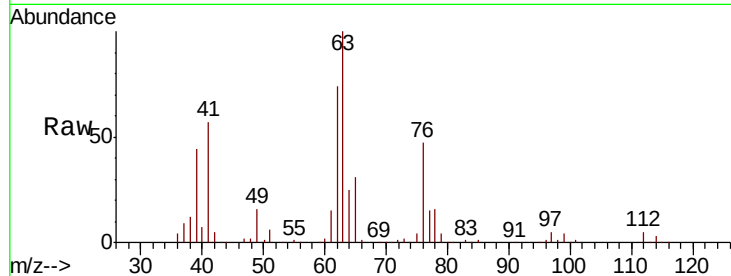




#45
 1,2-Dichloropropane
 Concen: 48.539 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

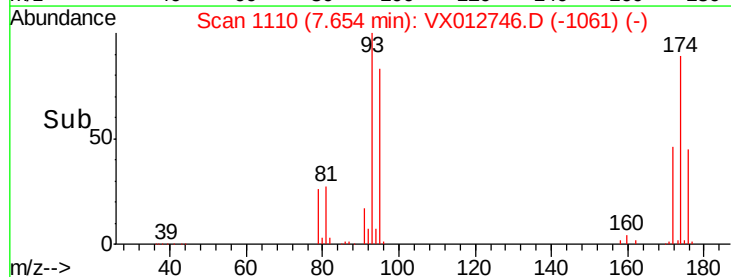
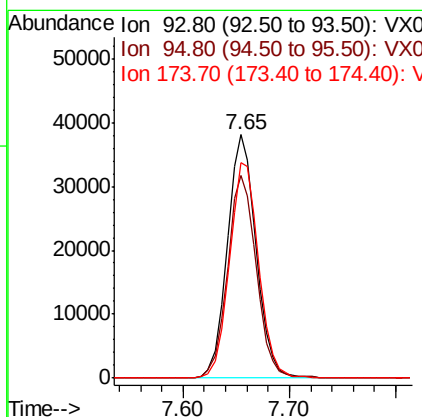
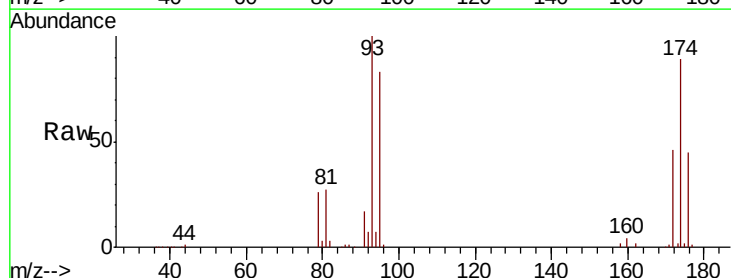
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

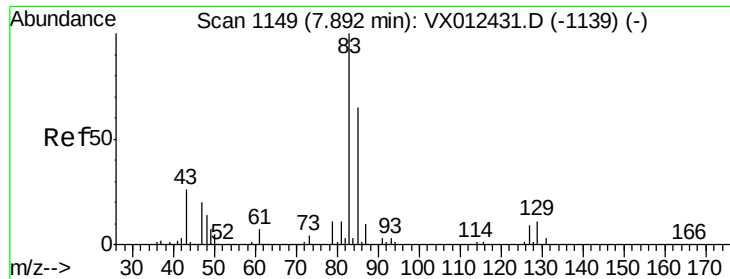
Tot Ion: 63 Resp: 105864
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 48.552 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 93 Resp: 72096
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 89.9 77.4 116.0





#47

Bromodichloromethane

Concen: 48.179 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

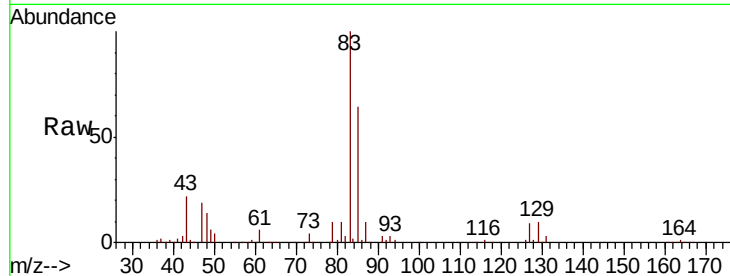
Tot Ion: 83 Resp: 142987

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

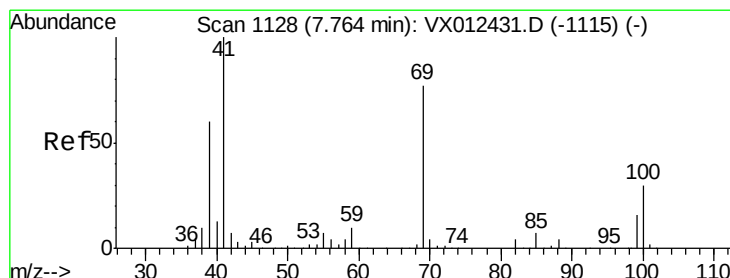
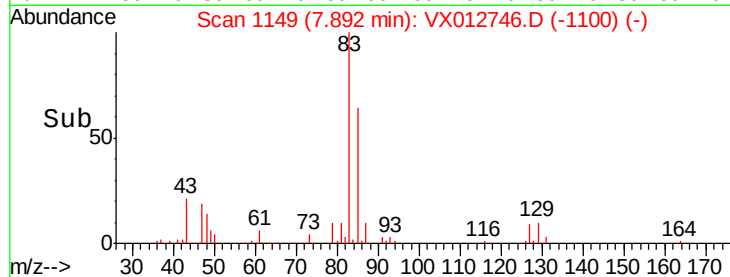
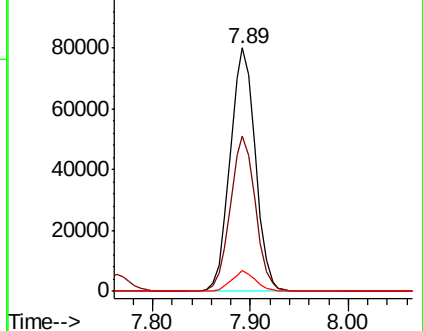
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.364 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

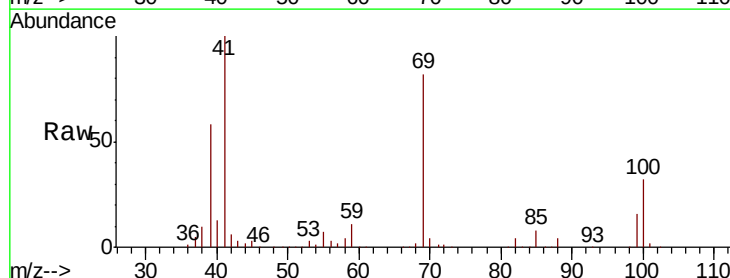
Tgt Ion: 41 Resp: 128557

Ion Ratio Lower Upper

41 100

69 81.8 59.9 89.9

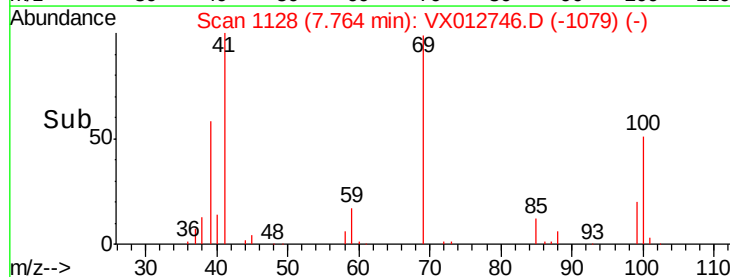
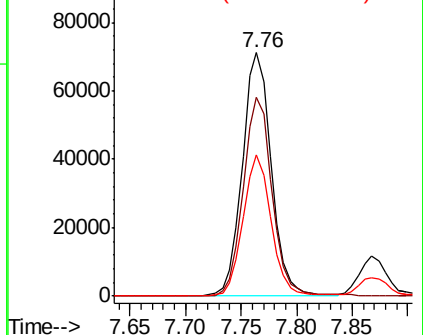
39 56.7 47.8 71.6

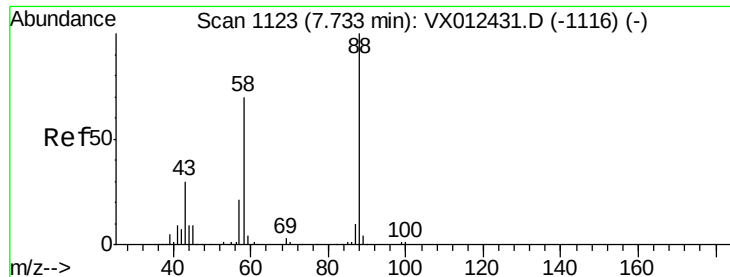


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

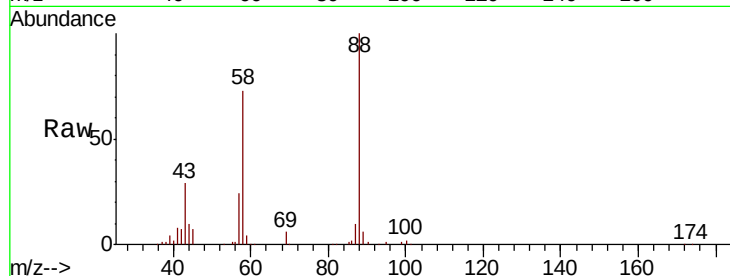




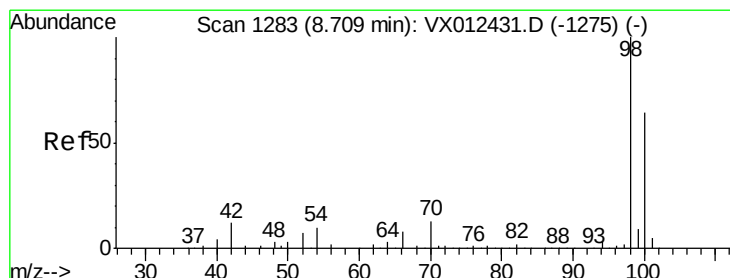
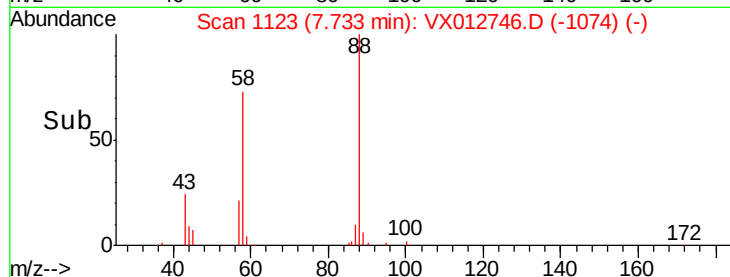
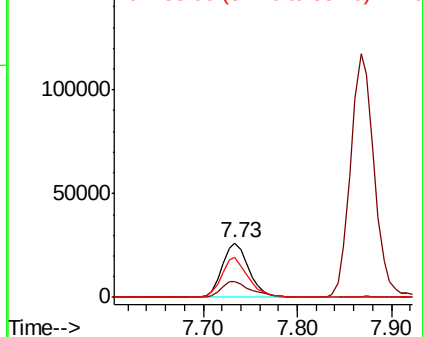
#49
1,4-Dioxane
Concen: 834.768 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion: 88 Resp: 51391
Ion Ratio Lower Upper
88 100
43 33.1 29.4 44.0
58 73.4 57.5 86.3

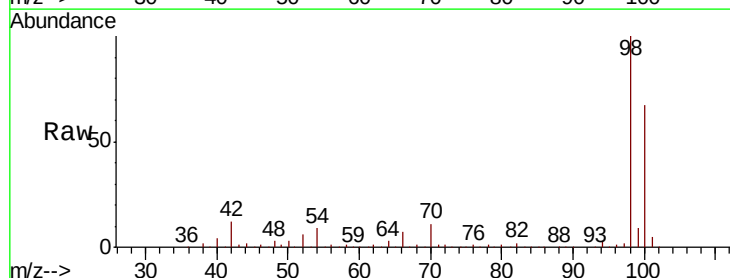


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

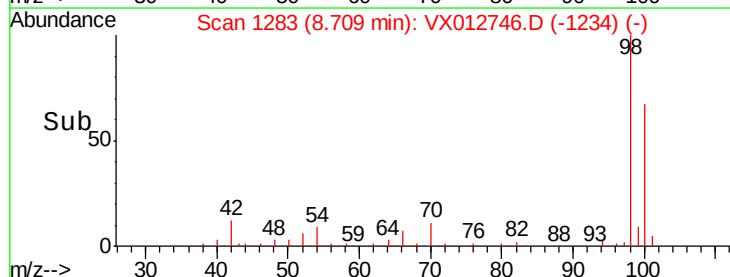
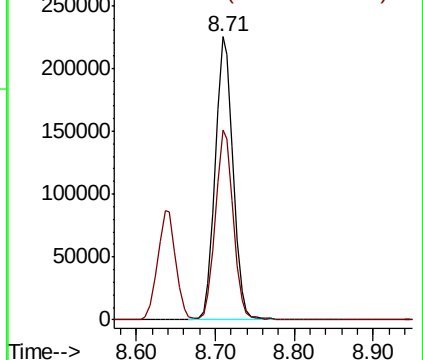


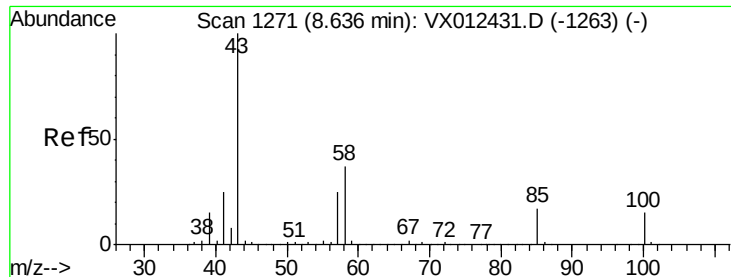
#50
Toluene-d8
Concen: 51.485 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 98 Resp: 354681
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 236.448 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

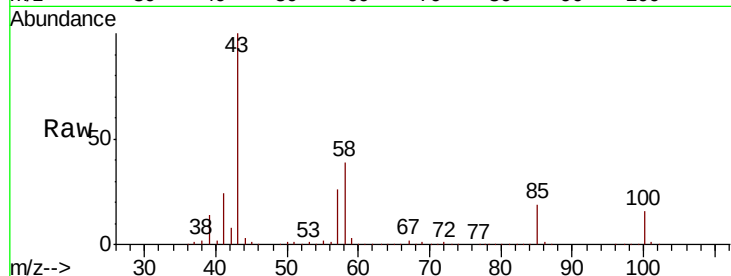
SA-SW201-20190926MS

Tot Ion: 43 Resp: 826192

Ion Ratio Lower Upper

43 100

58 39.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

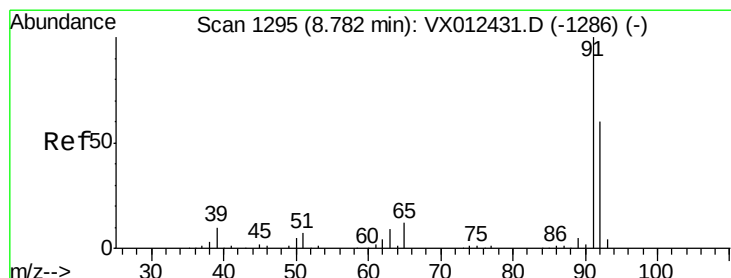
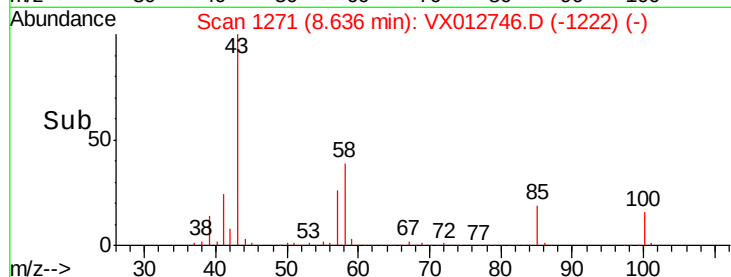
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.502 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012746.D

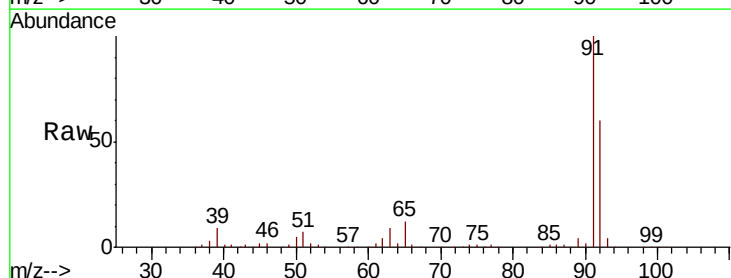
Acq: 01 Oct 2019 20:19

Tgt Ion: 92 Resp: 259683

Ion Ratio Lower Upper

92 100

91 168.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

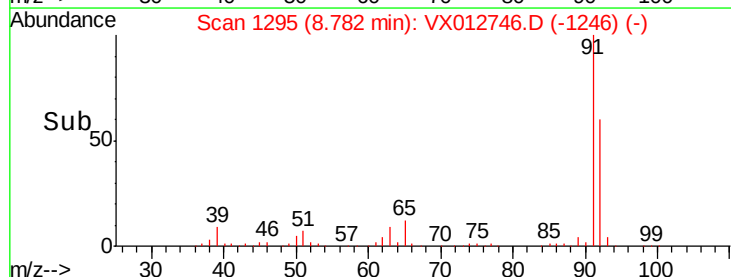
150000

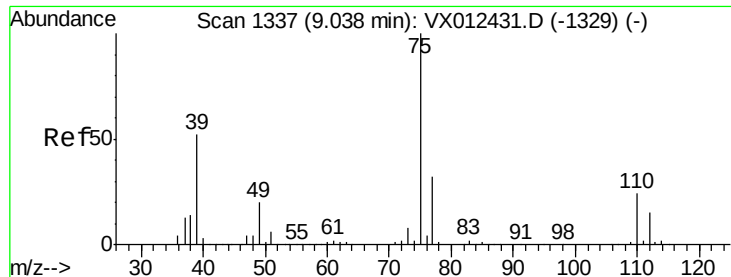
100000

50000

0

Time-->

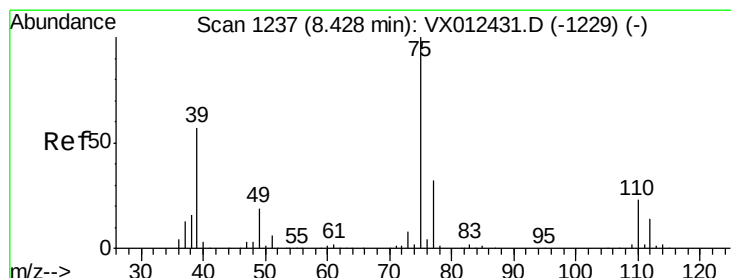
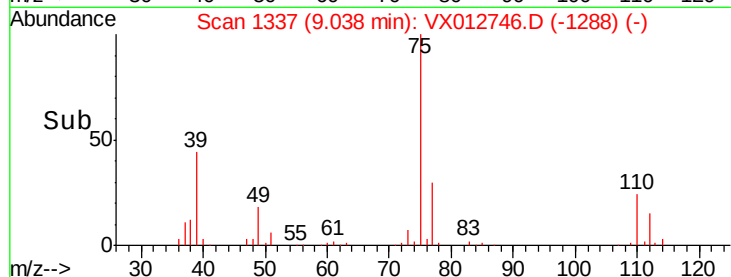
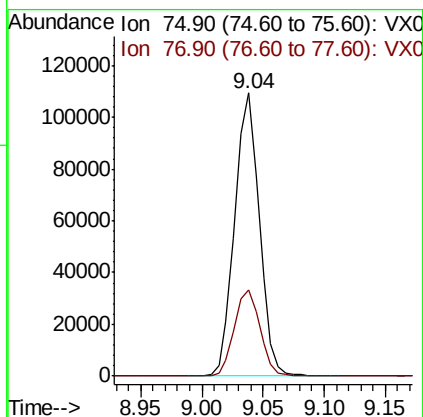
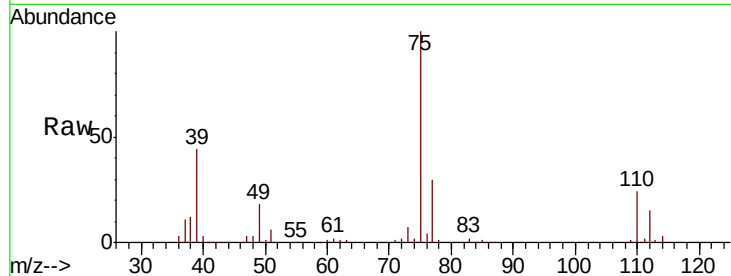




#53
t-1,3-Dichloropropene
Concen: 46.484 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

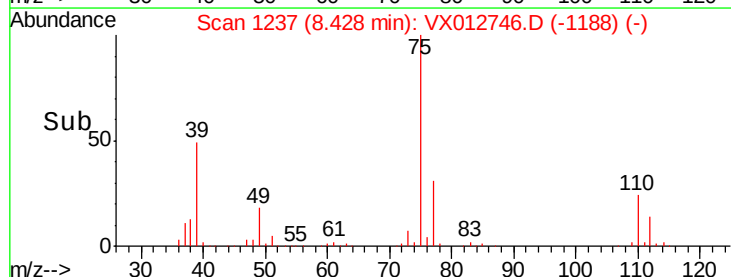
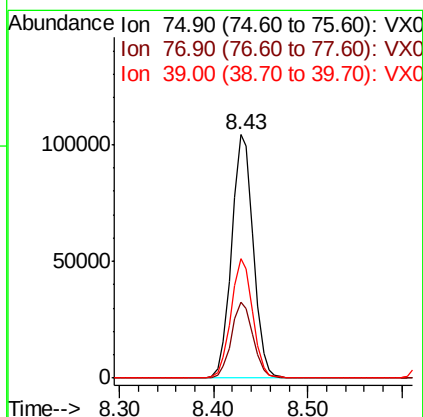
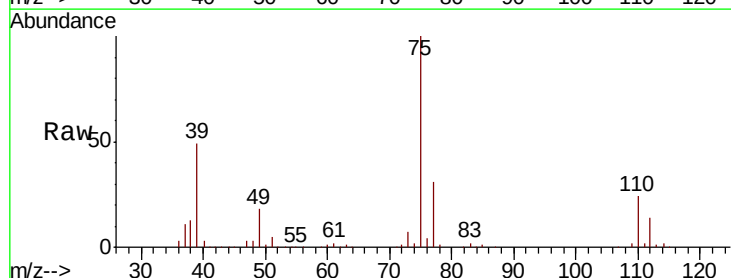
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

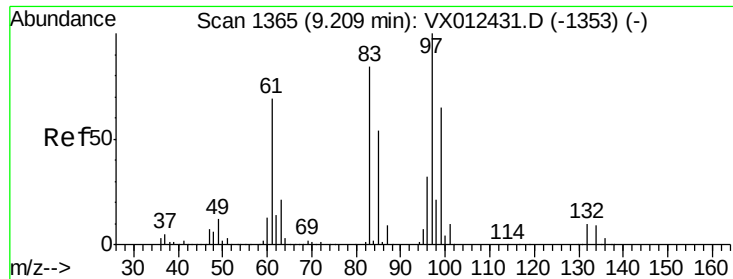
Tot Ion: 75 Resp: 152636
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 46.321 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 75 Resp: 166071
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 48.8 45.5 68.3



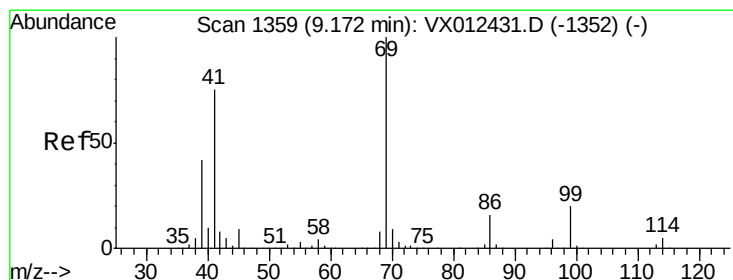
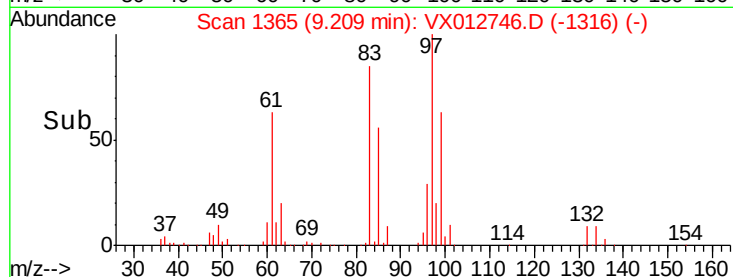
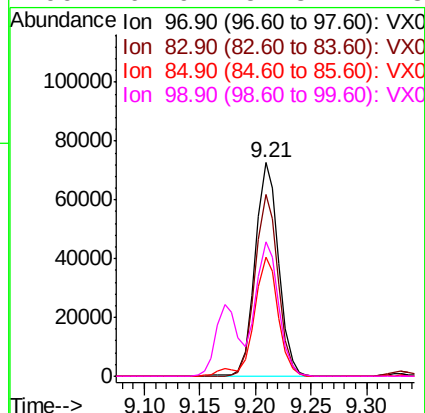
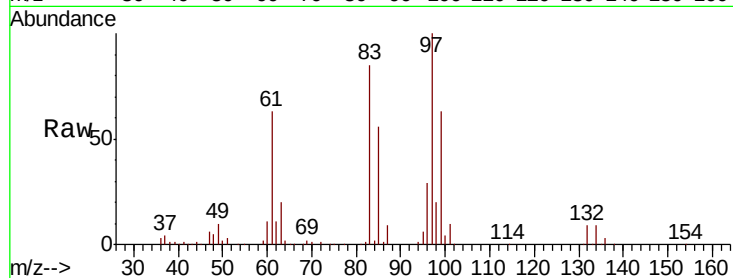


#55
 1,1,2-Trichloroethane
 Concen: 50.255 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion: 97 Resp: 106975

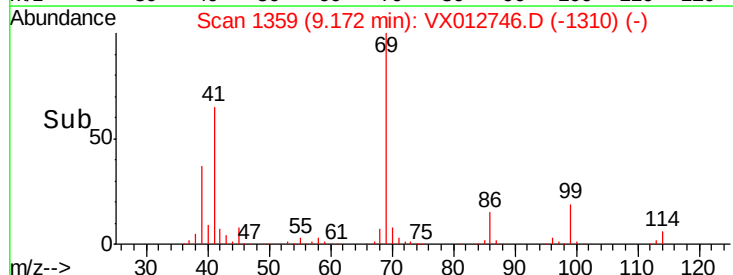
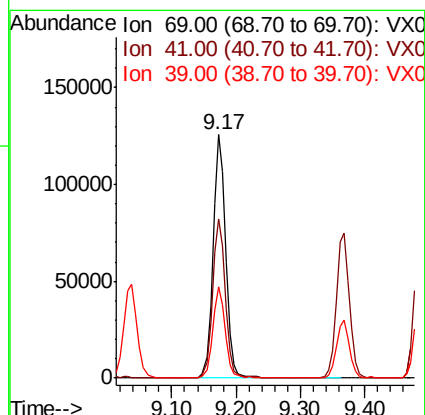
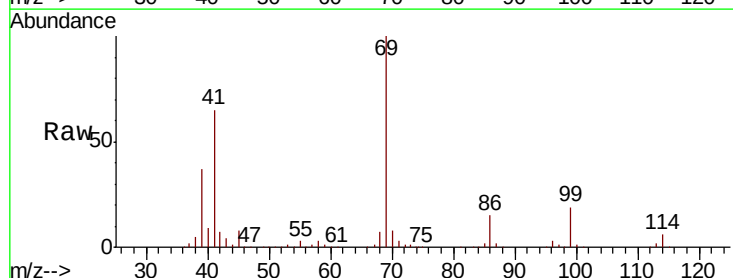
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.4	101.2
85	55.6	43.5	65.3
99	62.9	51.8	77.8

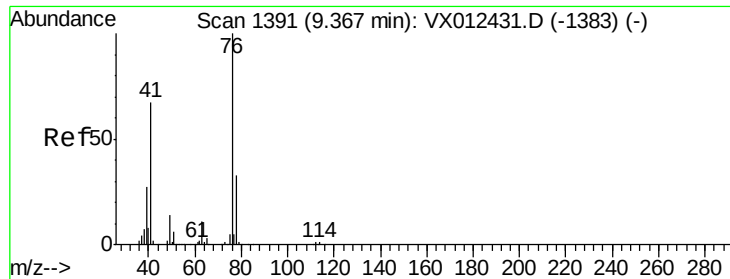


#56
 Ethyl methacrylate
 Concen: 48.403 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 69 Resp: 173093

Ion	Ratio	Lower	Upper
69	100		
41	66.1	58.4	87.6
39	36.8	33.4	50.0

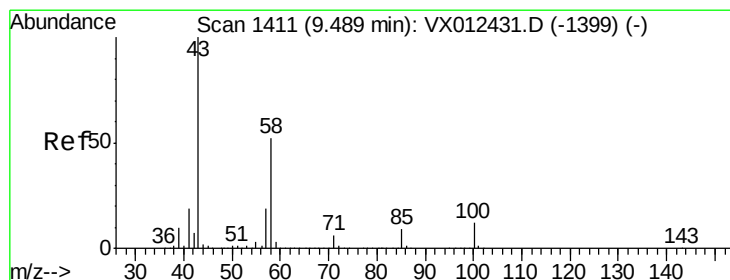
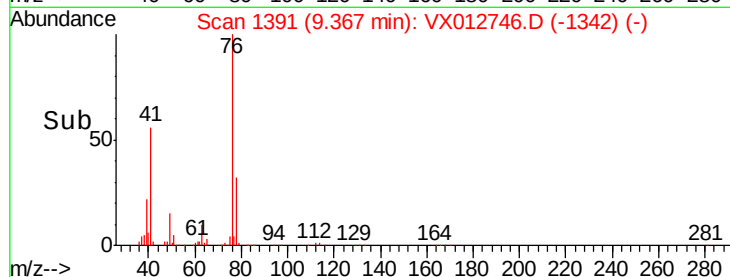
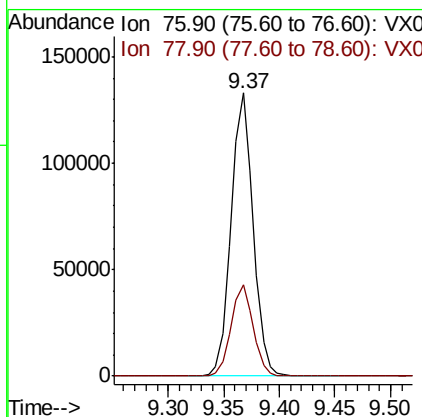
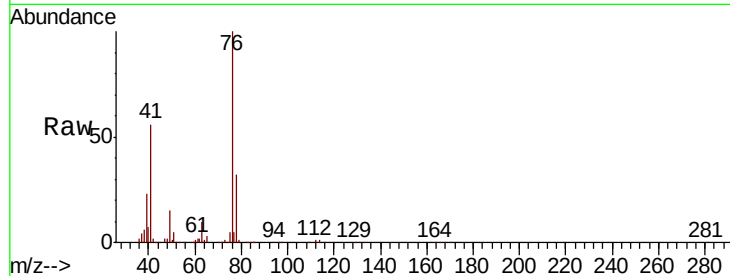




#57
 1,3-Dichloropropane
 Concen: 48.803 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

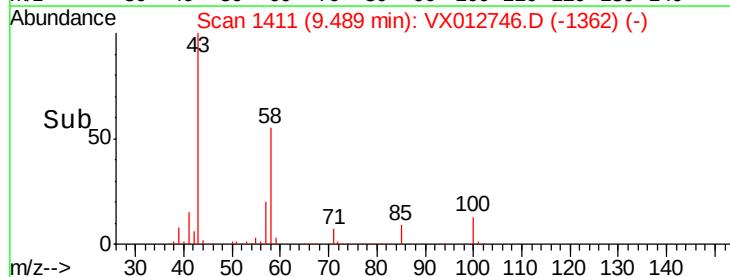
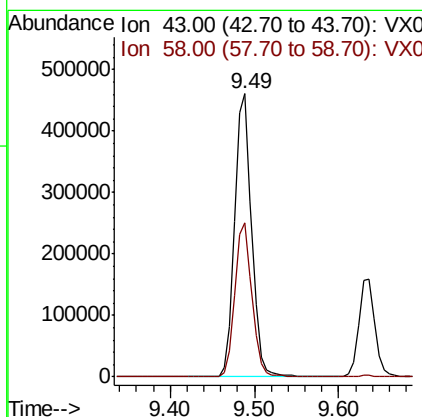
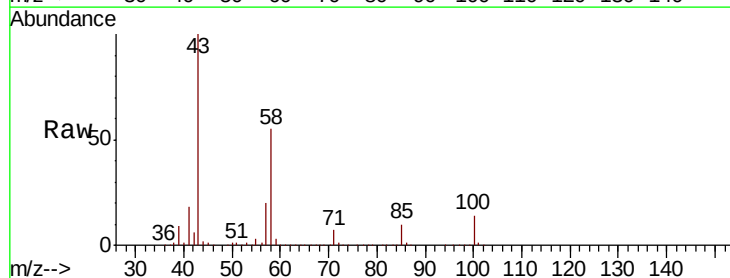
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

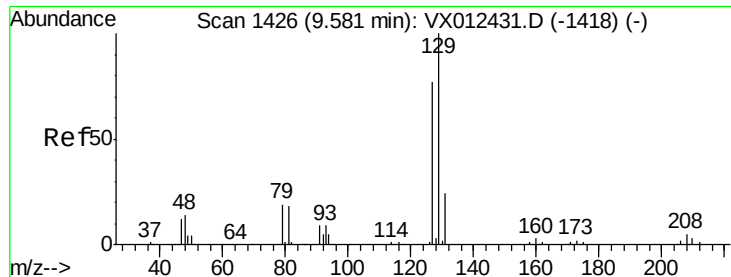
Tot Ion: 76 Resp: 181812
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#59
 2-Hexanone
 Concen: 234.909 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 43 Resp: 628282
 Ion Ratio Lower Upper
 43 100
 58 54.9 25.7 77.1





#60

Dibromochloromethane

Concen: 50.115 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

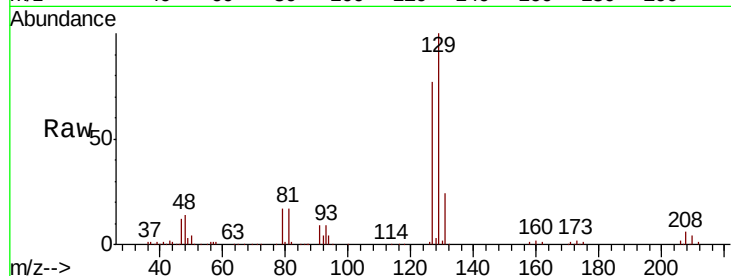
SA-SW201-20190926MS

Tot Ion:129 Resp: 107987

Ion Ratio Lower Upper

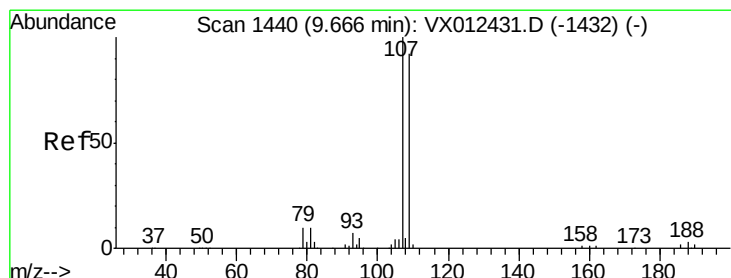
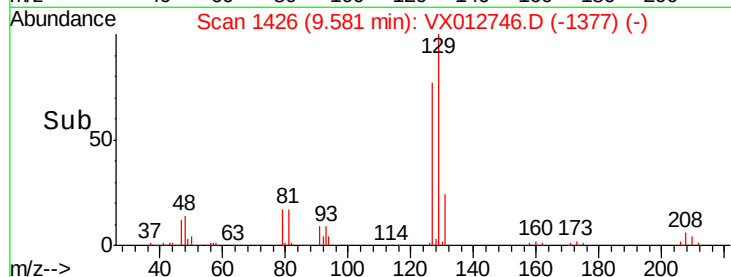
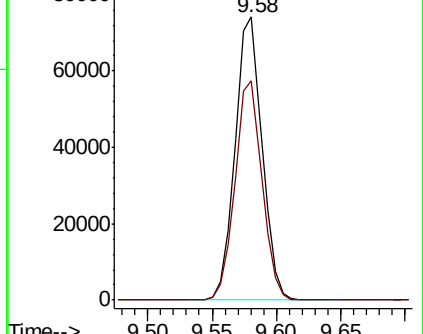
129 100

127 77.7 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.685 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012746.D

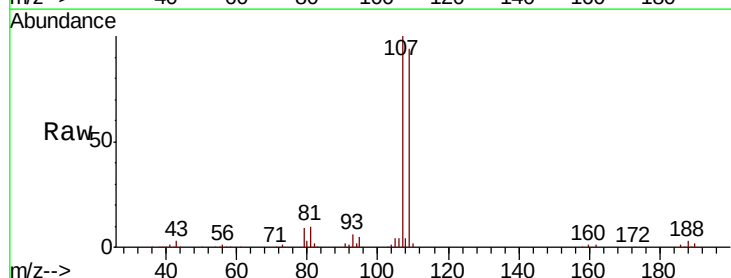
Acq: 01 Oct 2019 20:19

Tgt Ion:107 Resp: 110068

Ion Ratio Lower Upper

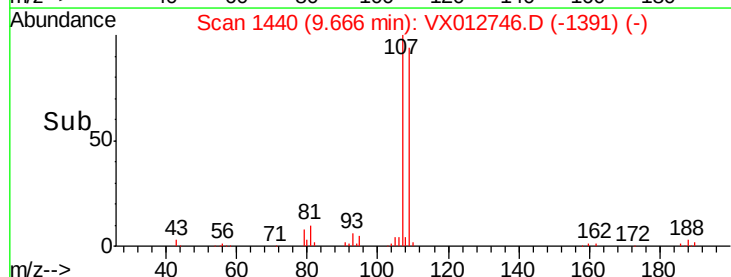
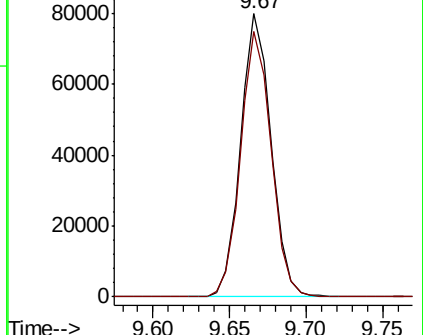
107 100

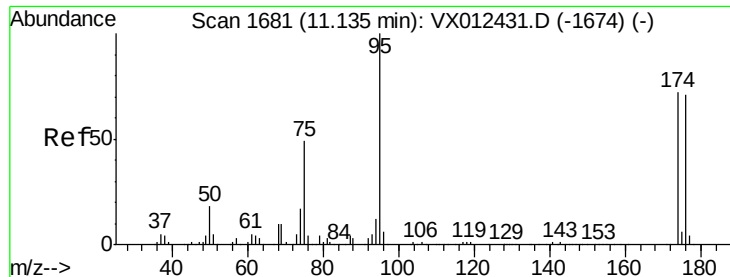
109 94.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

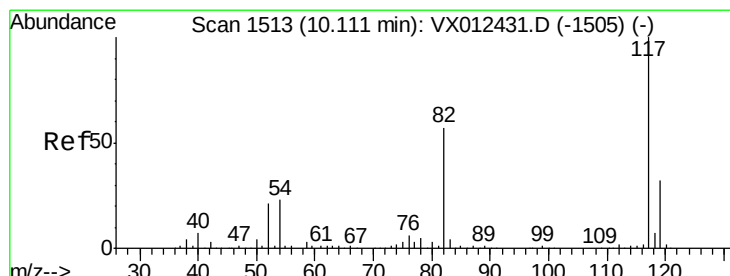
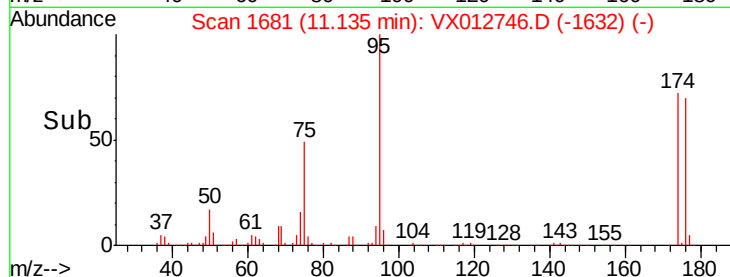
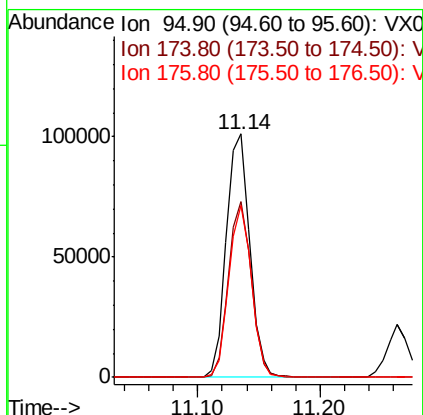
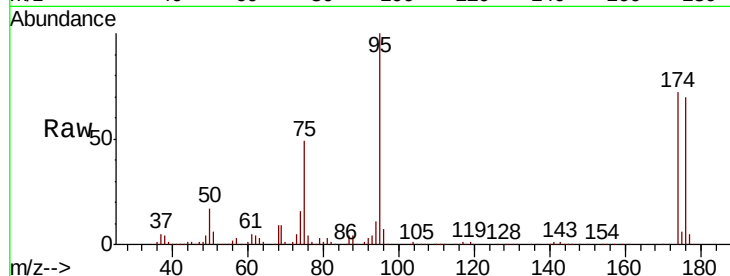




#62
4-Bromofluorobenzene
Concen: 49.422 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

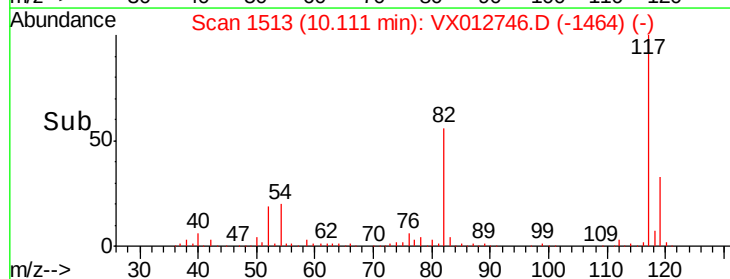
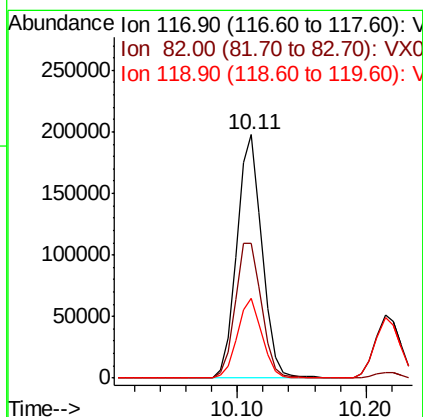
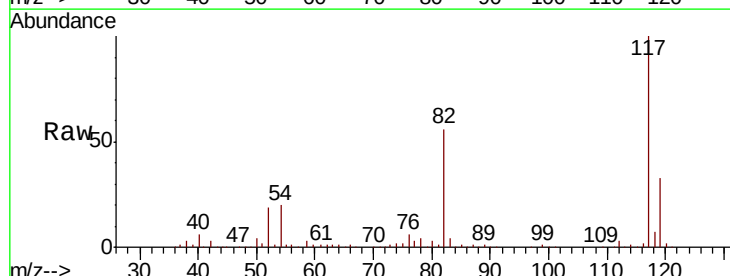
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

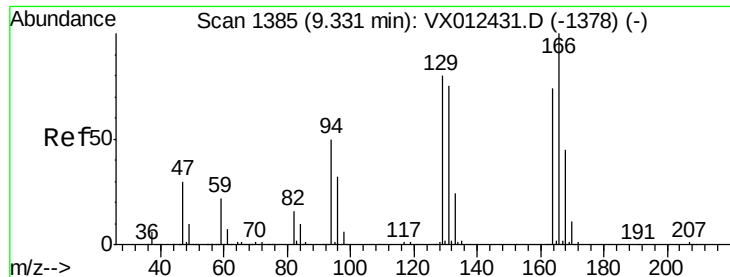
Tot Ion: 95 Resp: 133873
Ion Ratio Lower Upper
95 100
174 70.4 0.0 140.0
176 68.1 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 117 Resp: 267571
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 33.0 25.3 37.9

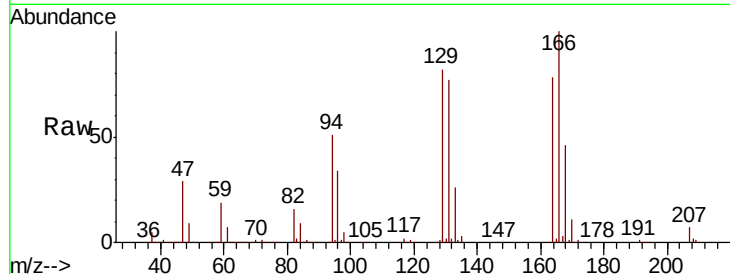




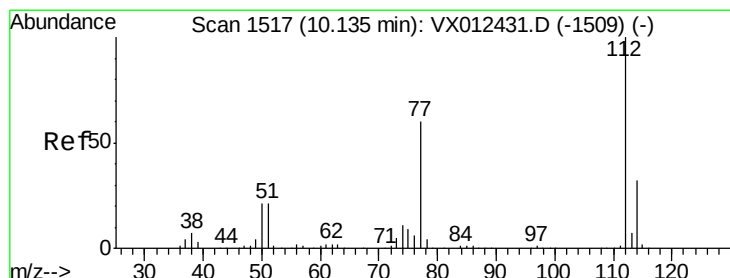
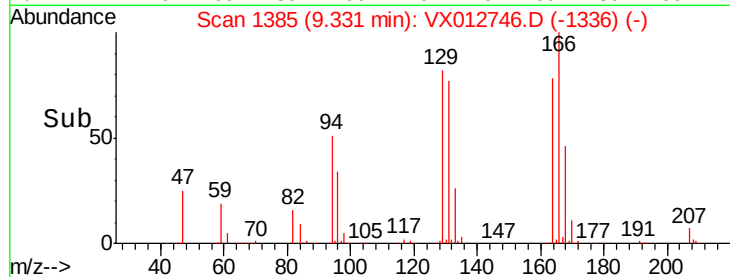
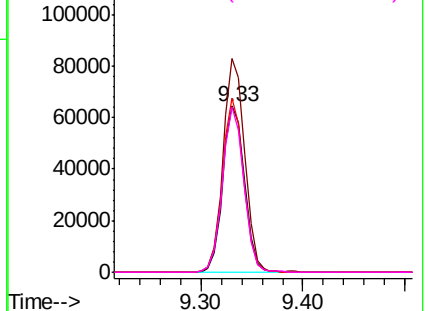
#64
Tetrachloroethene
Concen: 51.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:164 Resp: 95558
Ion Ratio Lower Upper
164 100
166 128.6 107.8 161.6
129 105.1 86.2 129.2
131 99.6 80.4 120.6

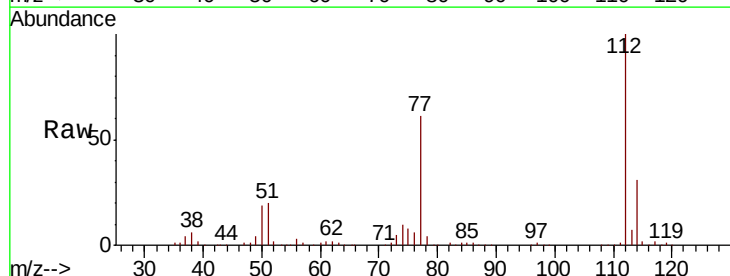


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

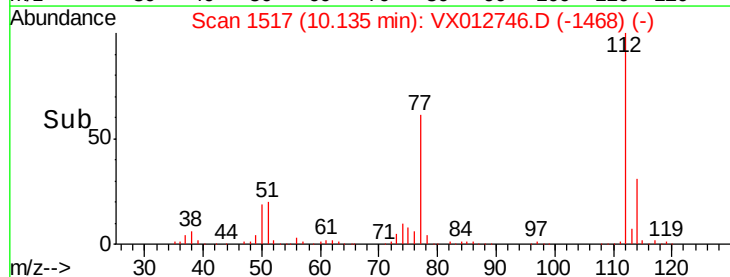
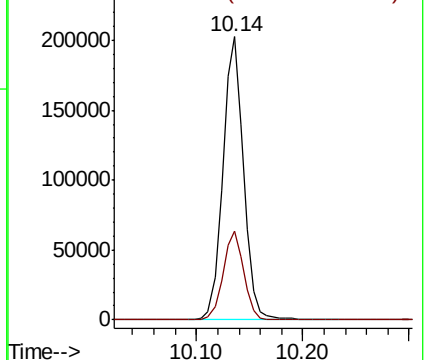


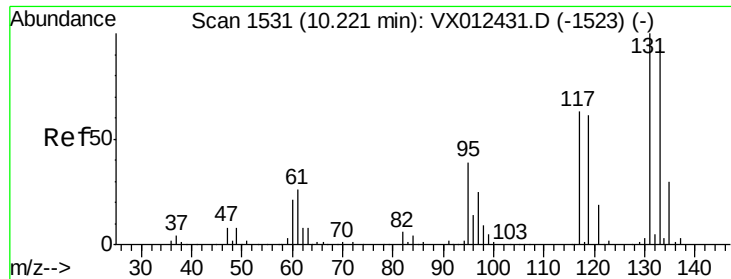
#65
Chlorobenzene
Concen: 48.503 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion:112 Resp: 273289
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

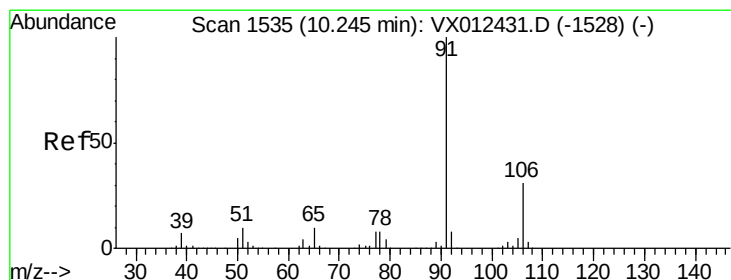
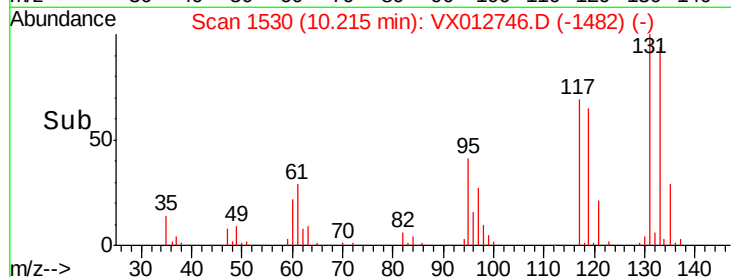
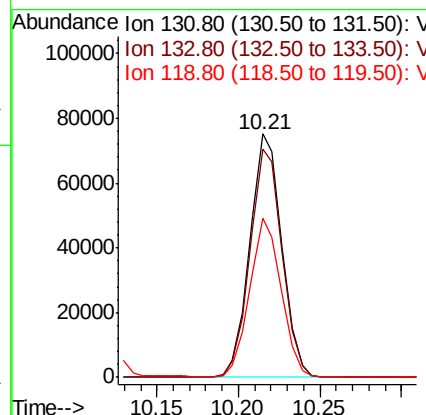
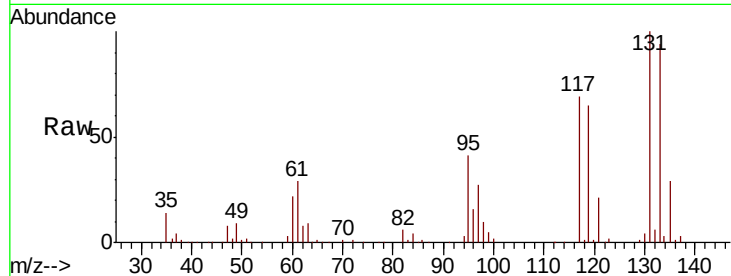




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.211 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

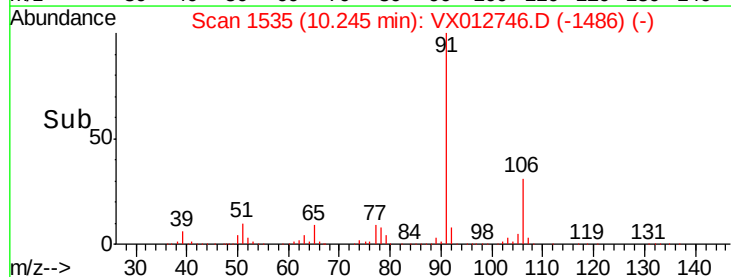
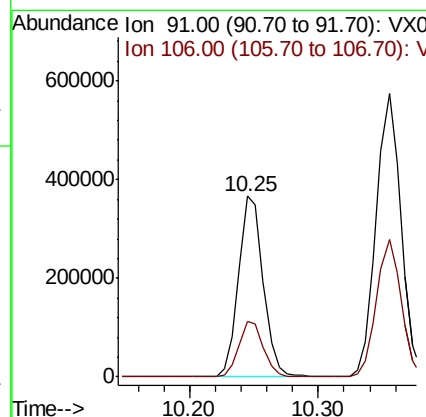
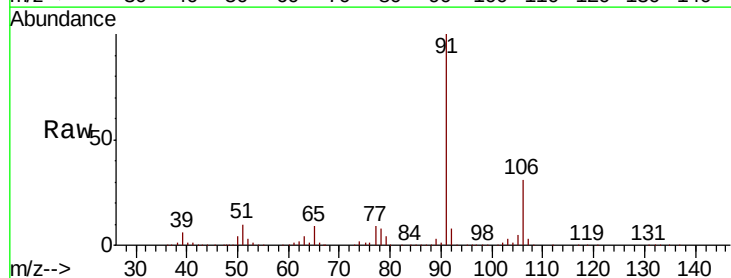
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

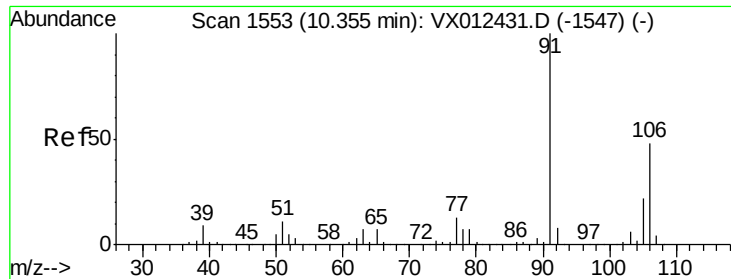
Tot Ion:131 Resp: 102507
 Ion Ratio Lower Upper
 131 100
 133 94.7 47.6 142.9
 119 64.6 31.3 93.8



#67
 Ethyl Benzene
 Concen: 48.267 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 91 Resp: 493263
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.6 37.0

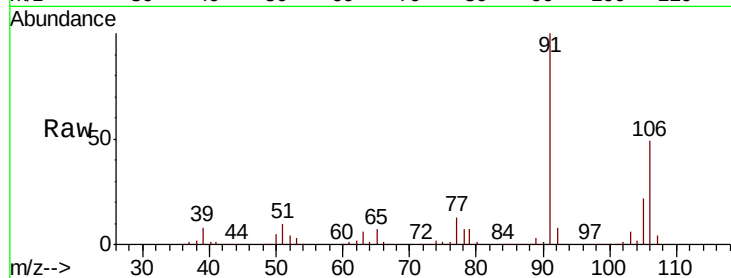




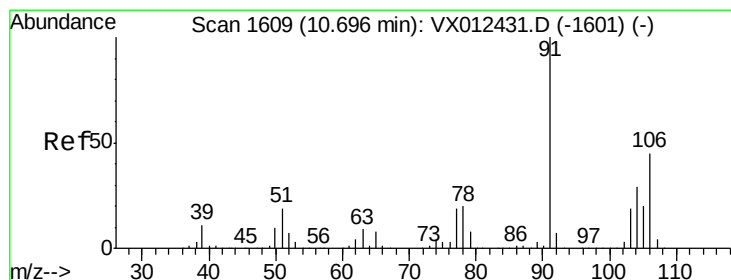
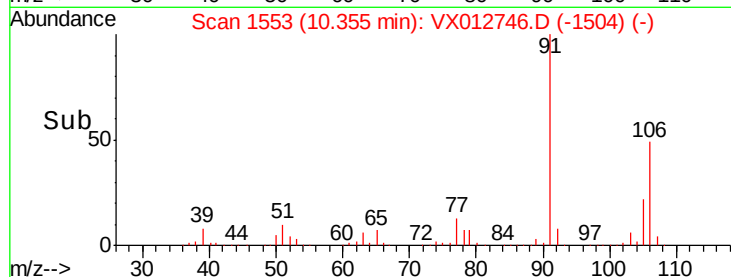
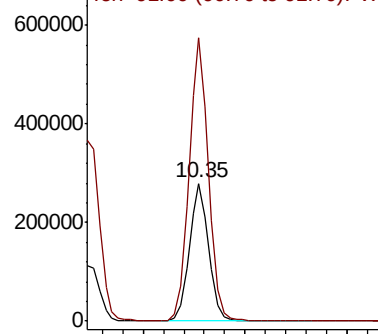
#68
m/p-Xylenes
Concen: 96.618 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

Tot Ion:106 Resp: 369876
Ion Ratio Lower Upper
106 100
91 206.4 166.6 250.0

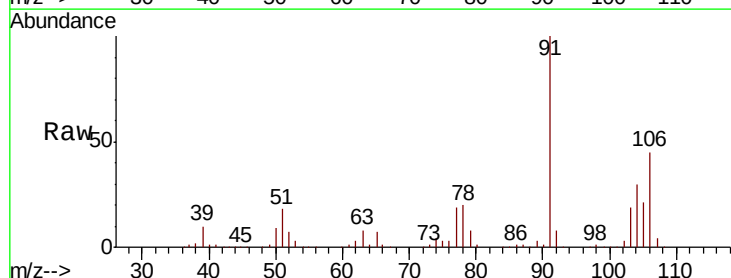


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

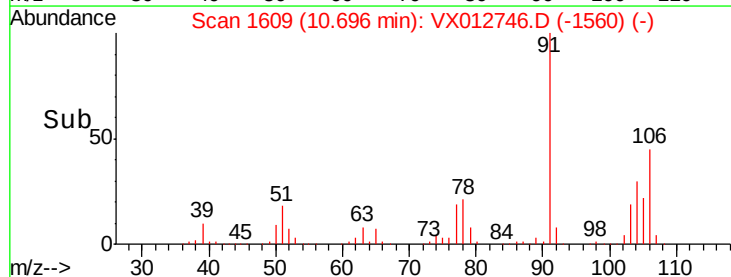
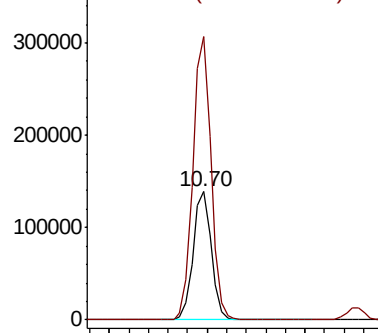


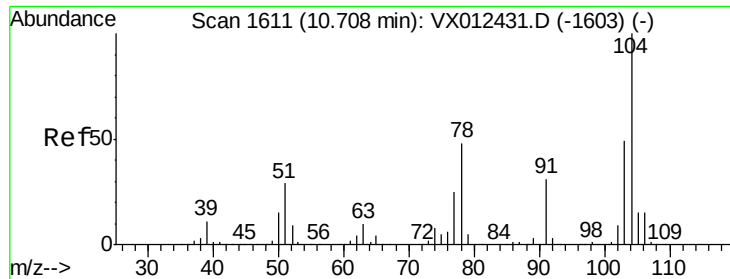
#69
o-Xylene
Concen: 48.302 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion:106 Resp: 178925
Ion Ratio Lower Upper
106 100
91 220.3 109.4 328.2



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

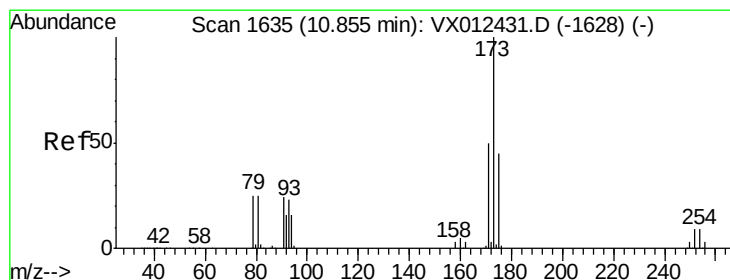
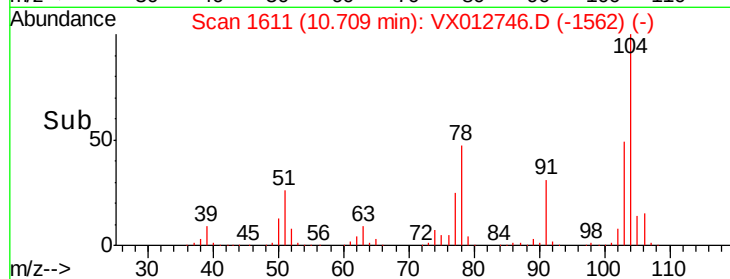
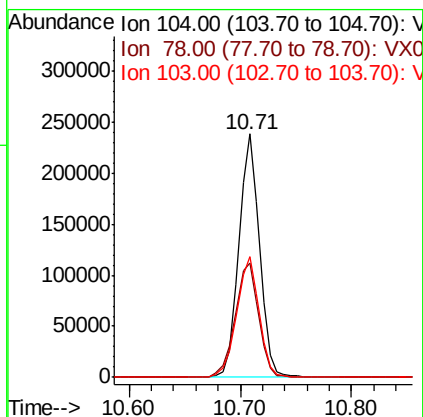
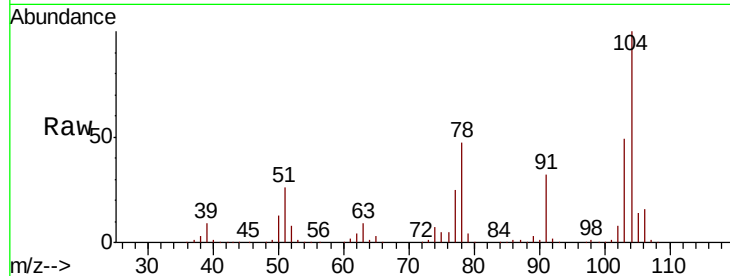




#70
Stvrene
Concen: 49.290 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

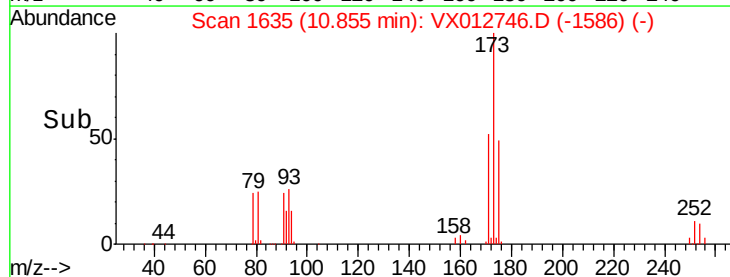
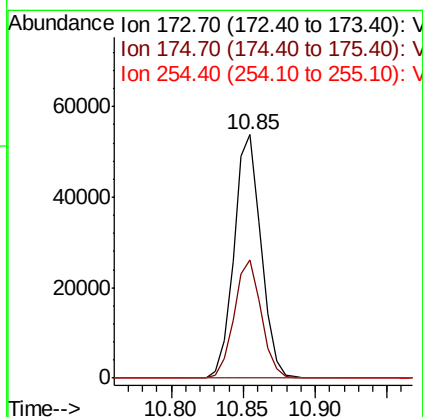
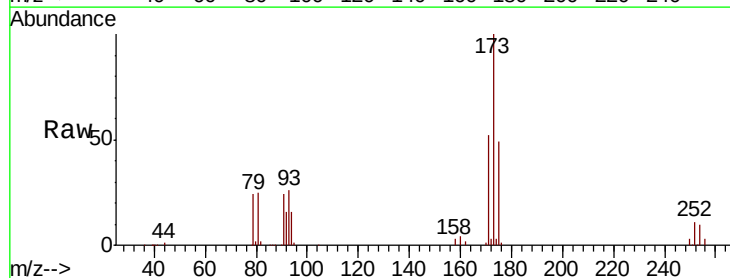
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

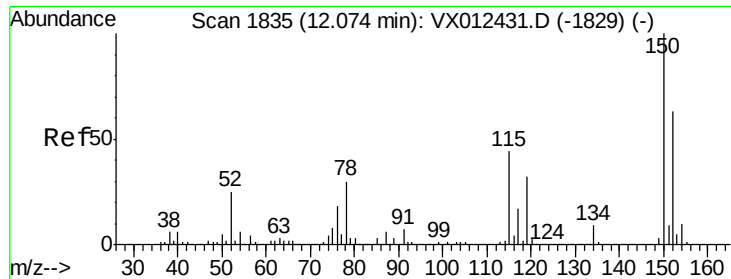
Tot Ion:104 Resp: 306090
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.2
103 53.7 43.3 64.9



#71
Bromoform
Concen: 49.676 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion:173 Resp: 70615
Ion Ratio Lower Upper
173 100
175 48.6 23.7 71.1
254 0.0 0.1 0.1#

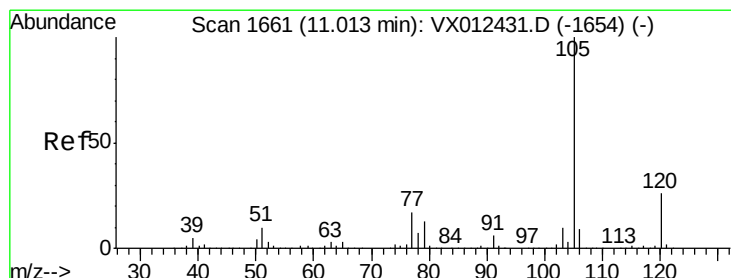
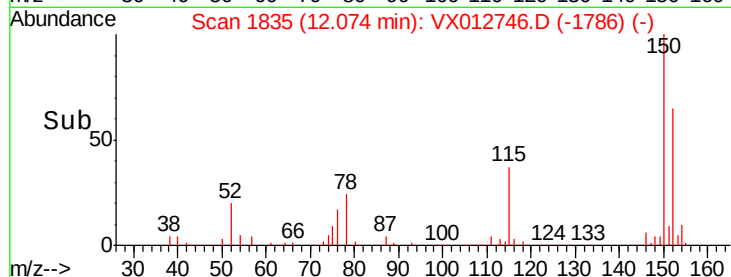
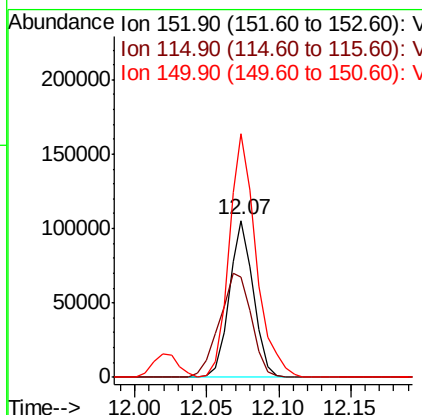
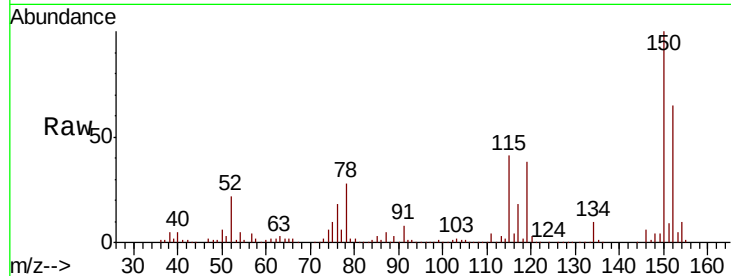




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

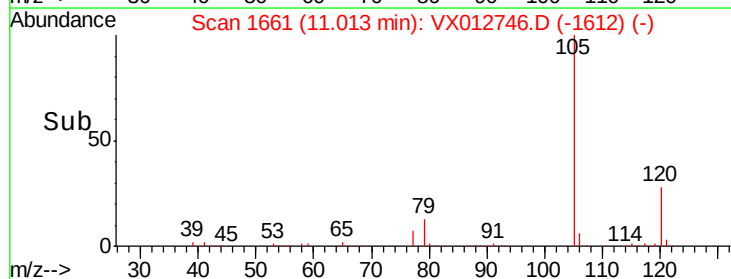
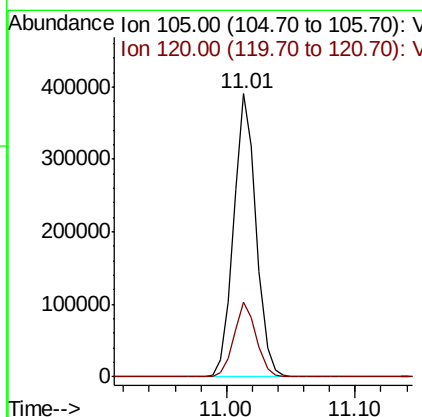
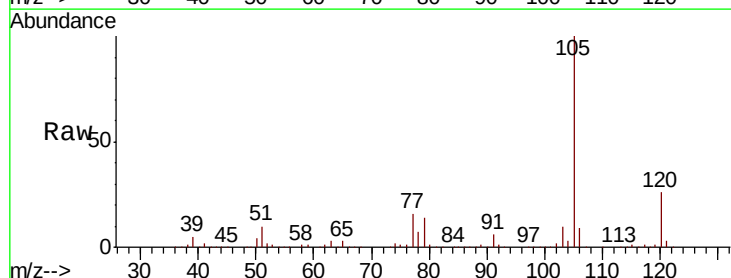
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

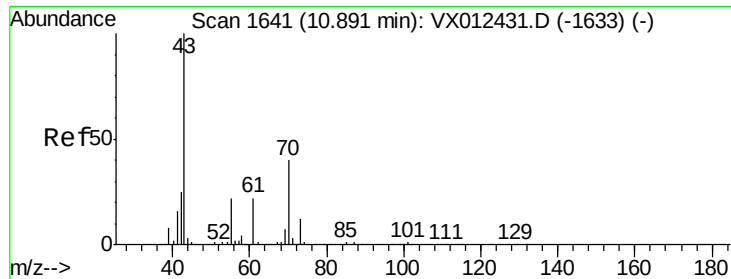
Tot Ion:	152	Resp:	123456
Ion	Ratio	Lower	Upper
152	100		
115	88.2	44.1	132.3
150	174.2	0.0	343.8



#73
 Isopropylbenzene
 Concen: 47.147 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion:	105	Resp:	474069
Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.7





#74

N-amvl acetate

Concen: 43.117 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

Tot Ion: 43 Resp: 206830

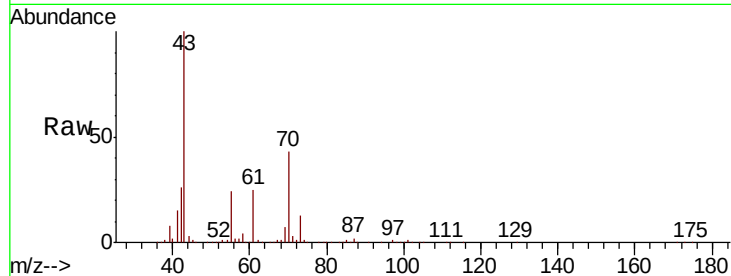
Ion Ratio Lower Upper

43 100

70 44.3 32.4 48.6

55 24.9 18.2 27.4

61 25.2 18.5 27.7

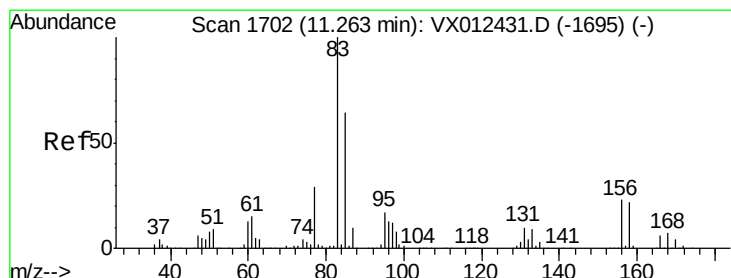
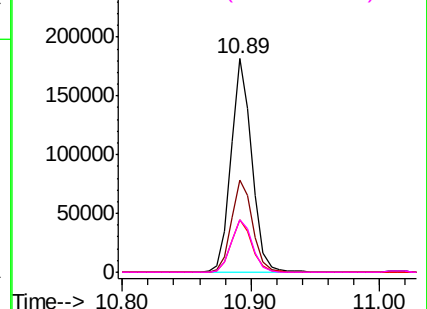
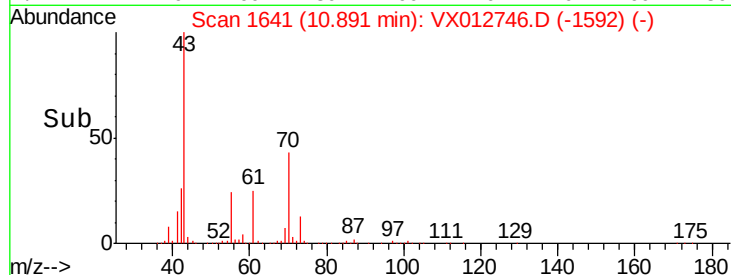


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.426 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

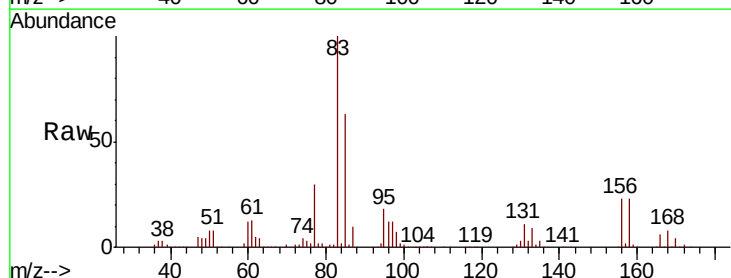
Tgt Ion: 83 Resp: 157932

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

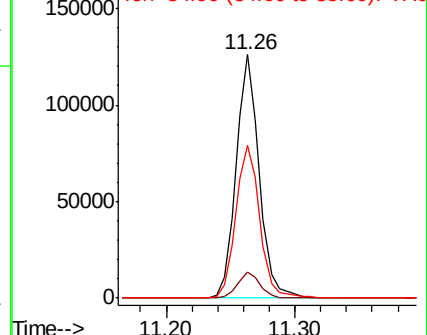
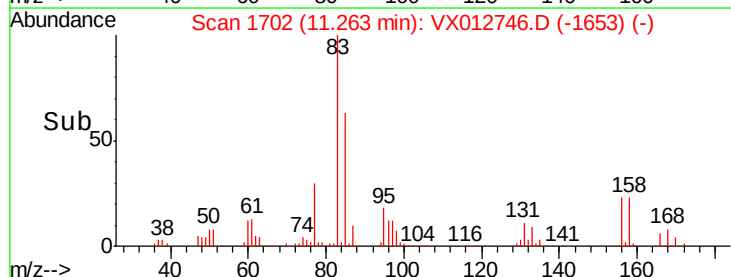
85 65.3 32.0 96.0

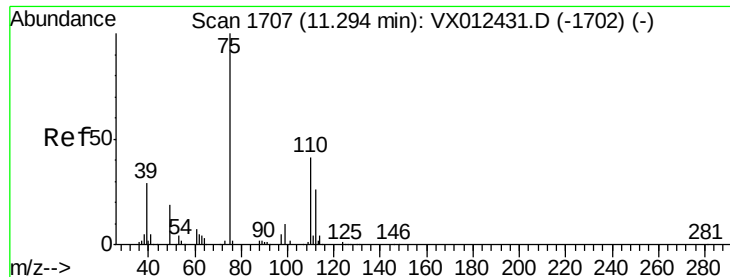


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

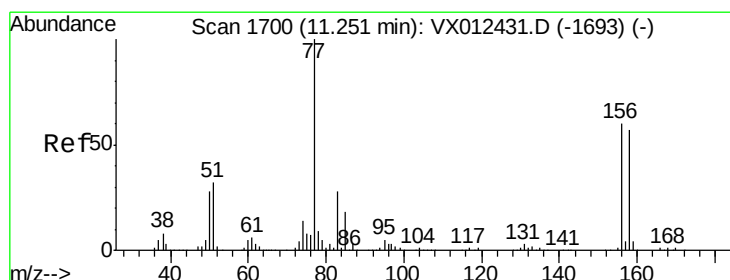
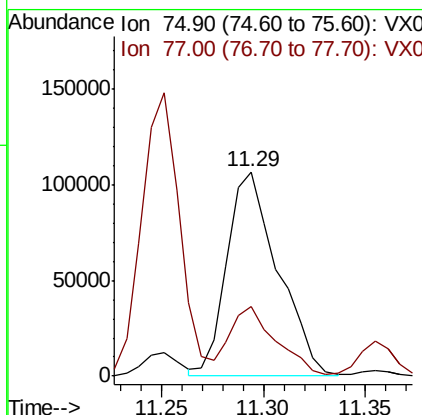
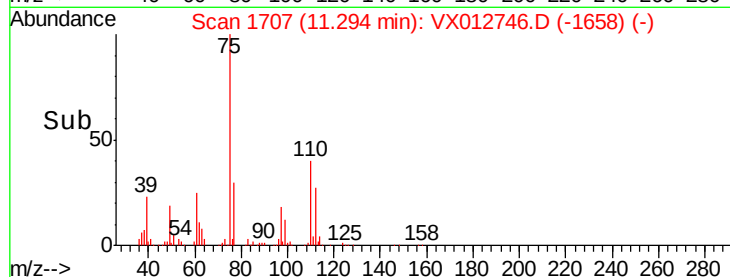
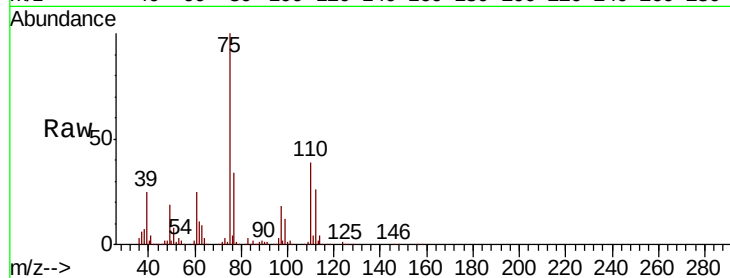




#76
 1,2,3-Trichloropropane
 Concen: 56.670 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

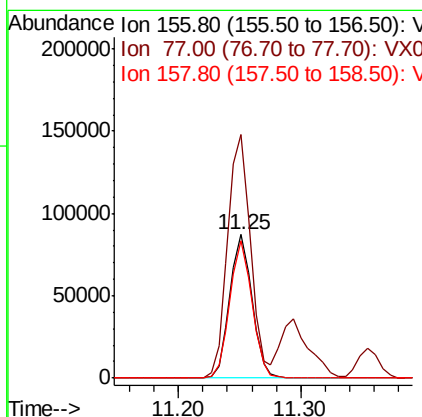
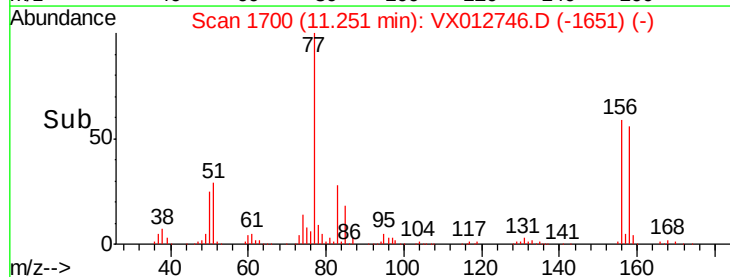
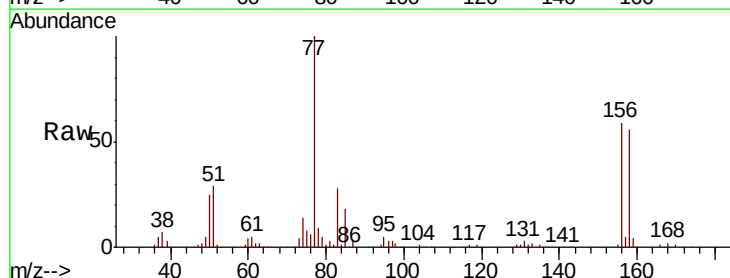
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

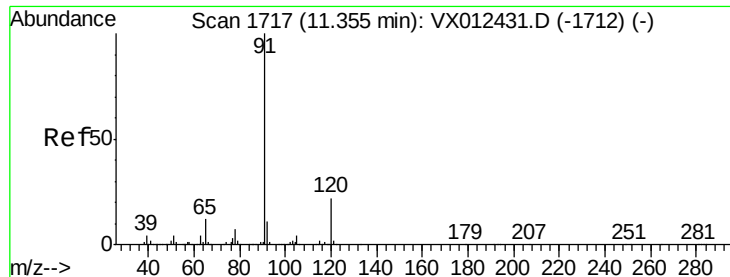
Tot Ion: 75 Resp: 185068
 Ion Ratio Lower Upper
 75 100
 77 30.6 19.7 59.0



#77
 Bromobenzene
 Concen: 47.926 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 156 Resp: 109068
 Ion Ratio Lower Upper
 156 100
 77 176.0 87.3 261.8
 158 95.9 48.5 145.6

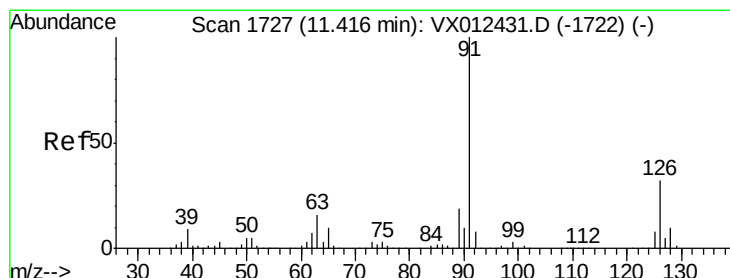
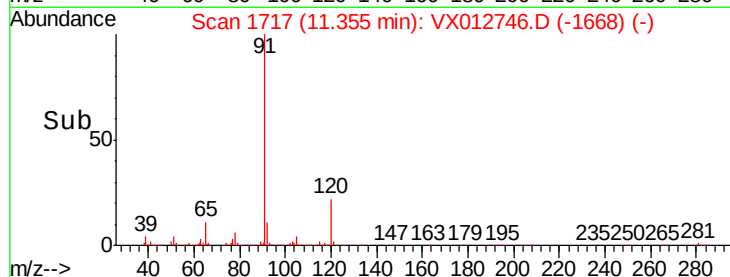
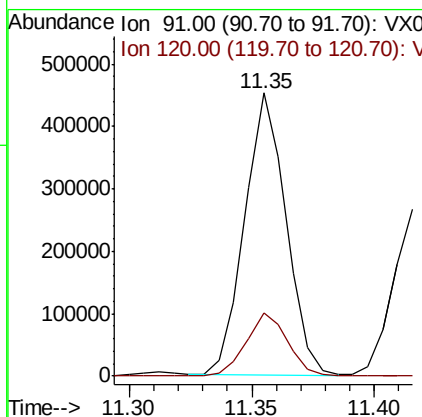
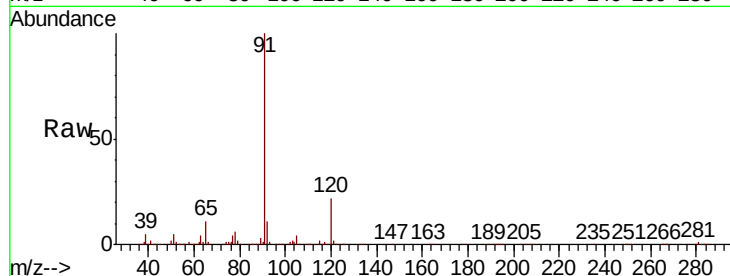




#78
n-propylbenzene
Concen: 47.073 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

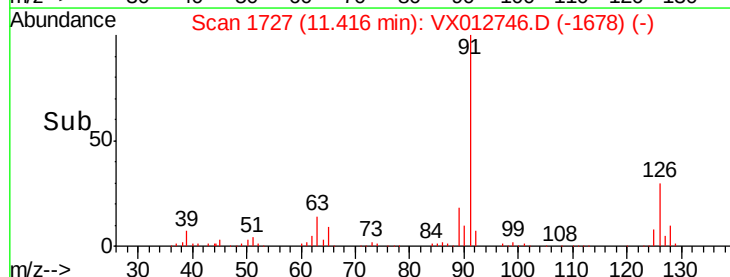
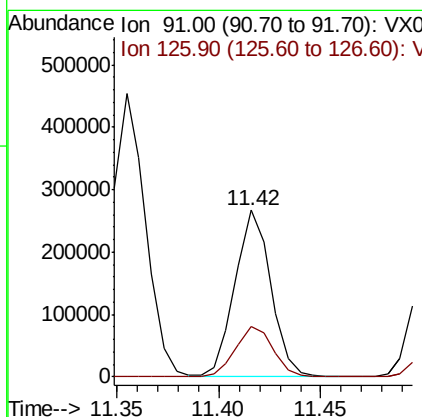
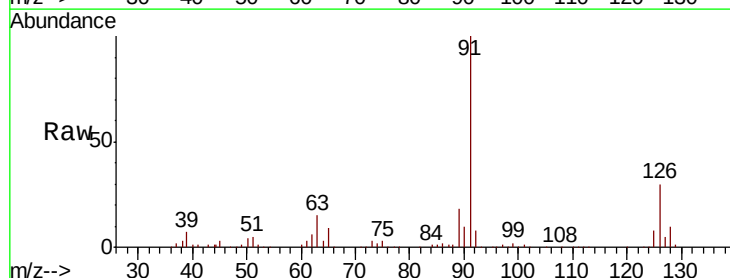
Instrument :
MSVOA_X
ClientSampleId :
SA-SW201-20190926MS

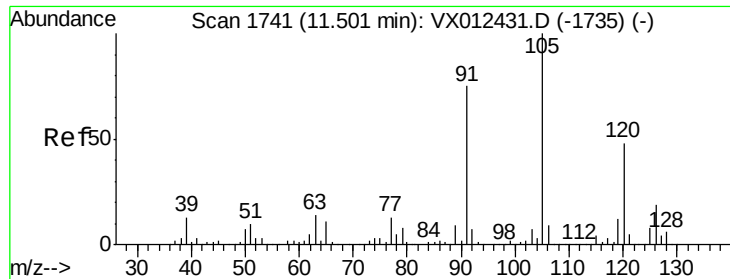
Tot Ion: 91 Resp: 532881
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8



#79
2-Chlorotoluene
Concen: 45.999 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012746.D
Acq: 01 Oct 2019 20:19

Tgt Ion: 91 Resp: 324837
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

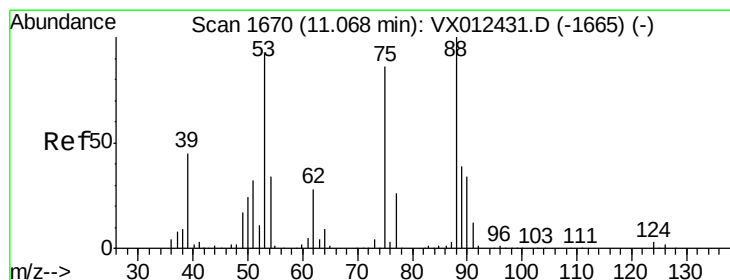
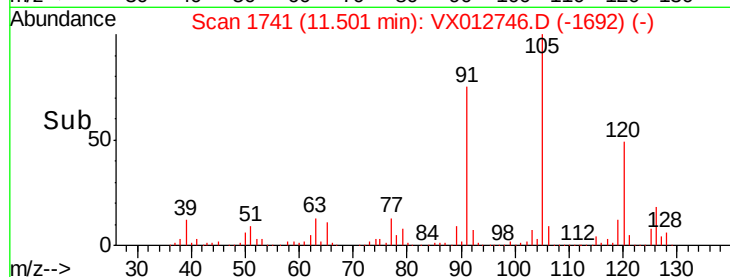
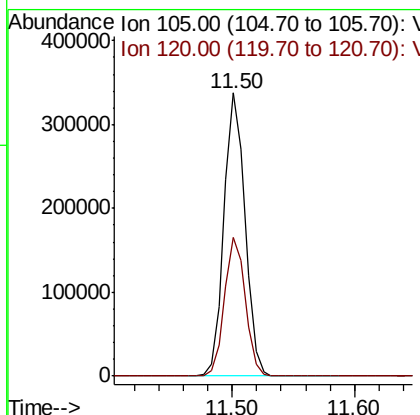
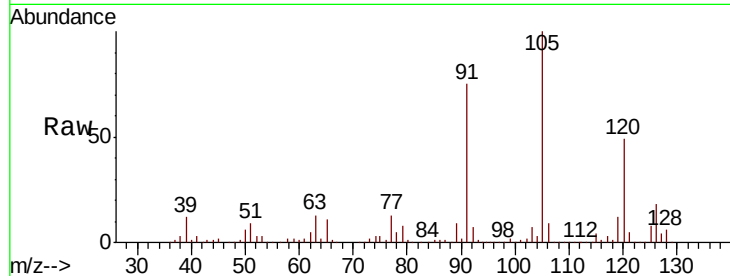




#80
 1,3,5-Trimethylbenzene
 Concen: 47.667 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

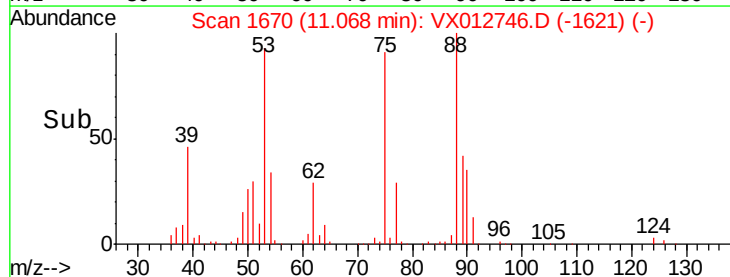
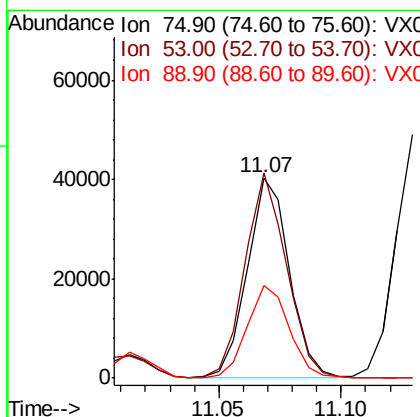
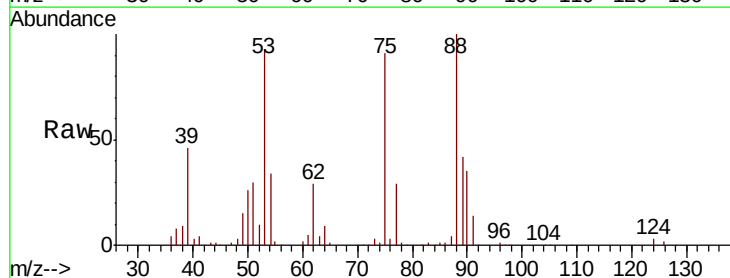
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

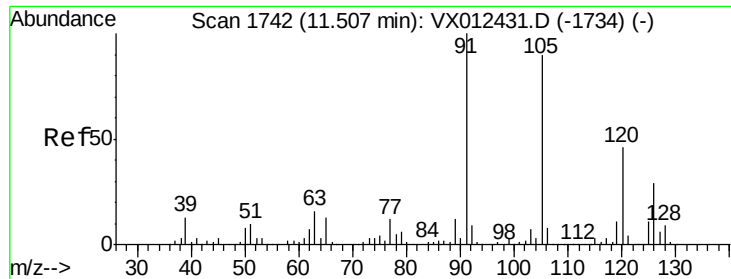
Tot Ion:105 Resp: 401933
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.924 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 75 Resp: 47775
 Ion Ratio Lower Upper
 75 100
 53 101.5 83.6 125.4
 89 46.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 46.498 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

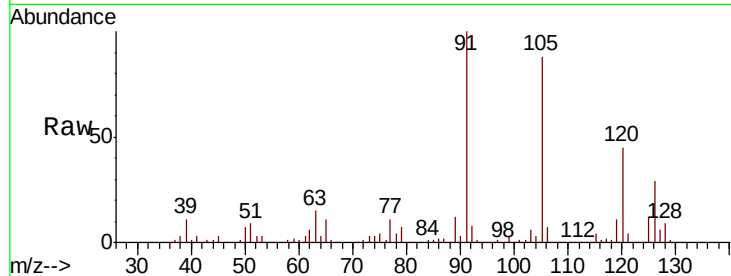
SA-SW201-20190926MS

Tot Ion: 91 Resp: 374317

Ion Ratio Lower Upper

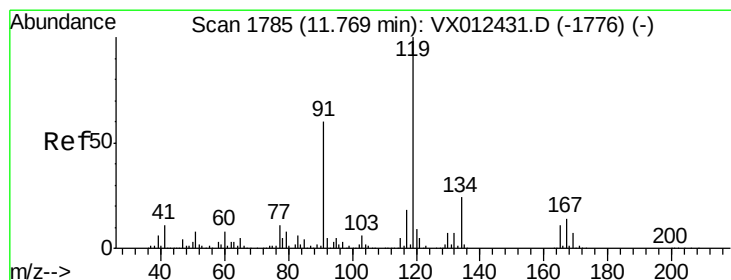
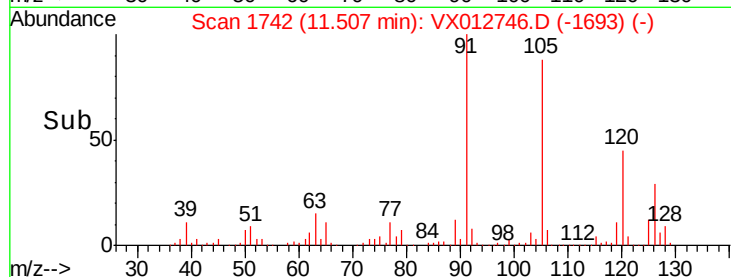
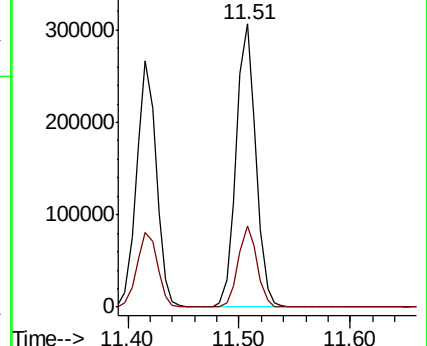
91 100

126 27.8 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 48.101 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

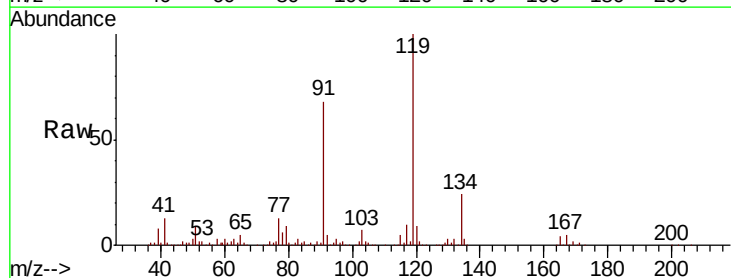
Tgt Ion: 119 Resp: 391244

Ion Ratio Lower Upper

119 100

91 61.6 30.0 90.0

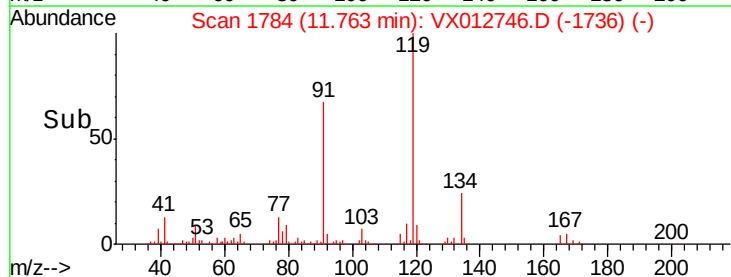
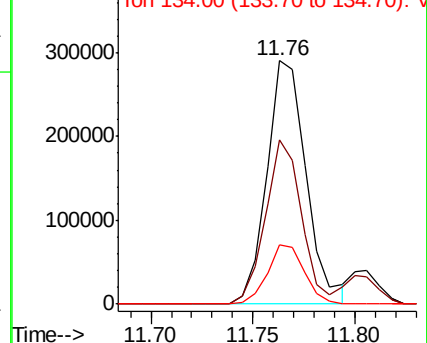
134 22.8 11.3 33.9

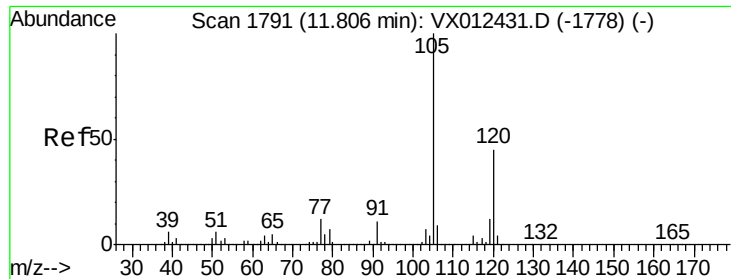


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

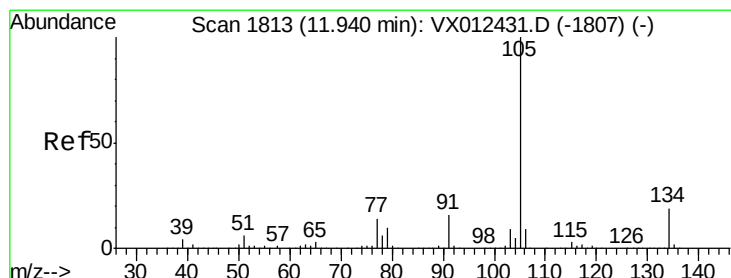
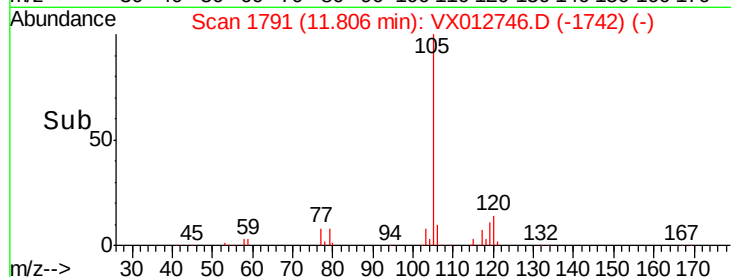
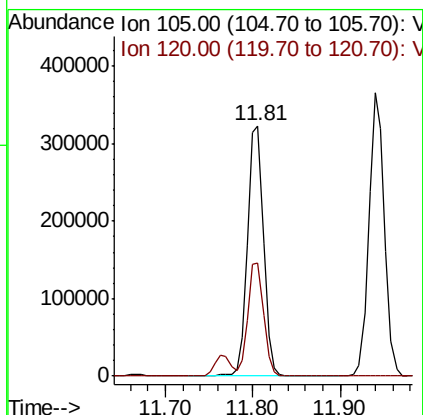
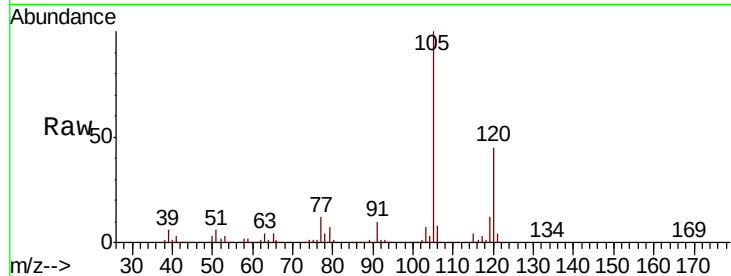




#84
 1,2,4-Trimethylbenzene
 Concen: 47.793 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

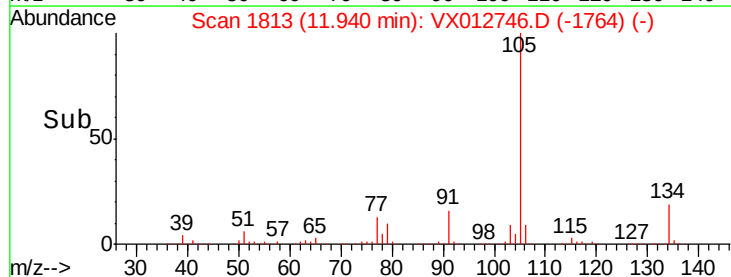
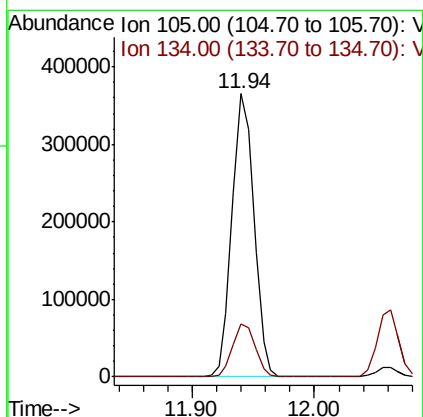
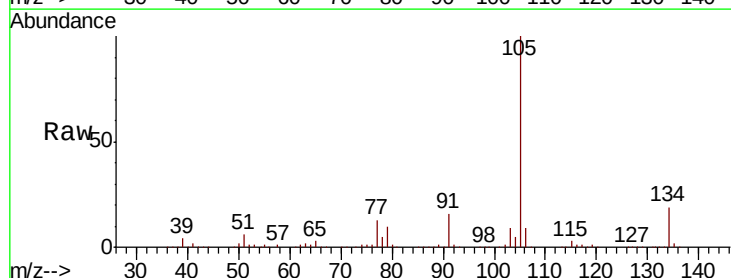
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

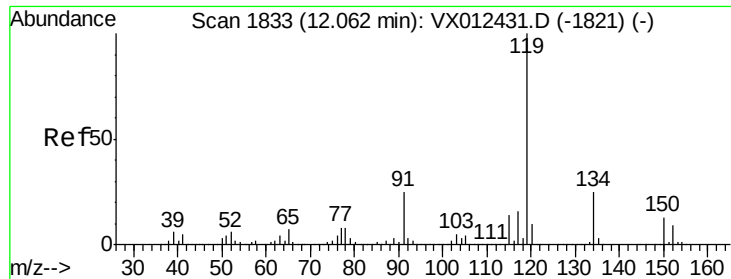
Tot Ion:105 Resp: 406531
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 47.902 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion:105 Resp: 453178
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

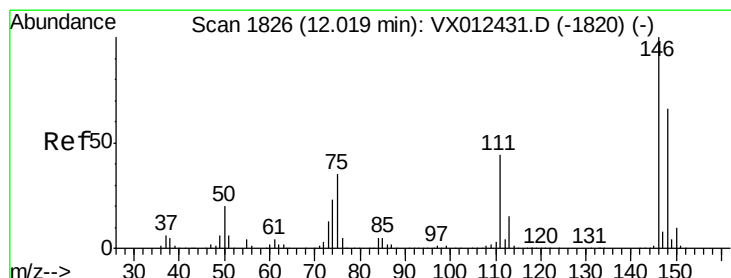
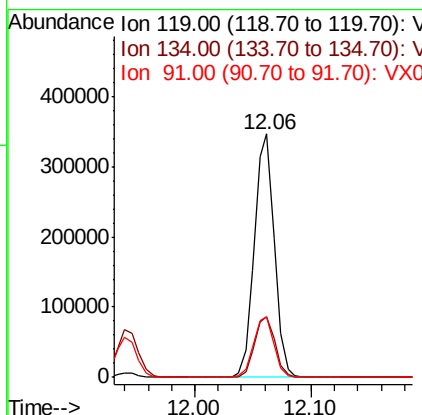
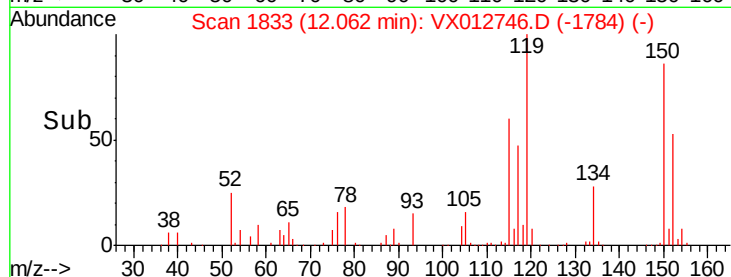
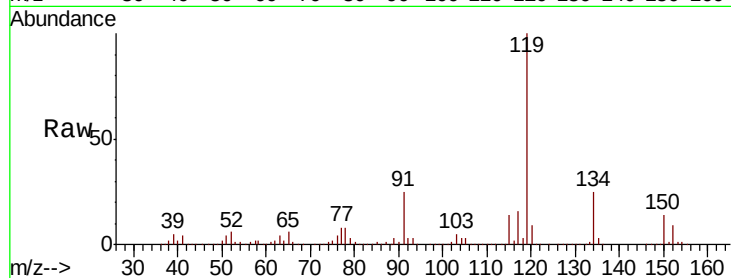




#86
 p-Isopropyltoluene
 Concen: 48.681 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

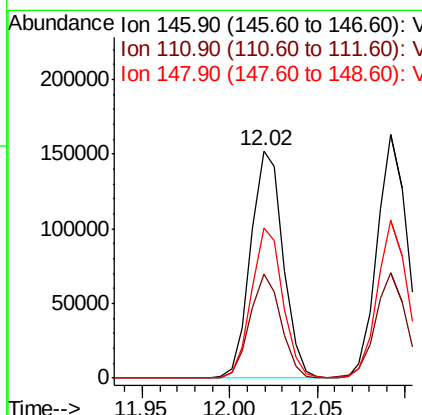
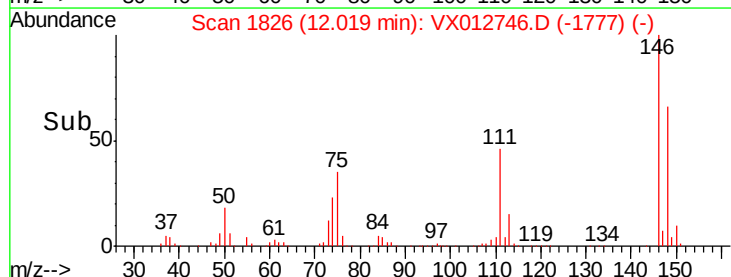
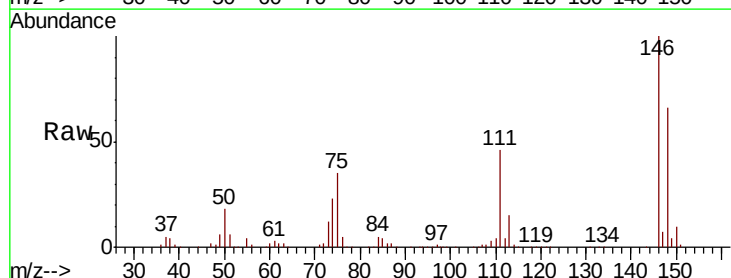
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

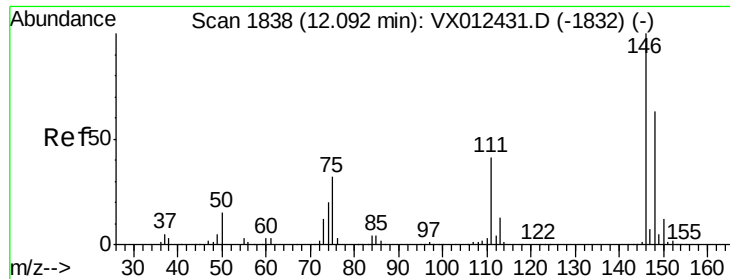
Tot Ion:119 Resp: 415556
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 25.2 12.8 38.4



#87
 1,3-Dichlorobenzene
 Concen: 47.743 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion:146 Resp: 195530
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.3 64.0
 148 64.1 32.4 97.2

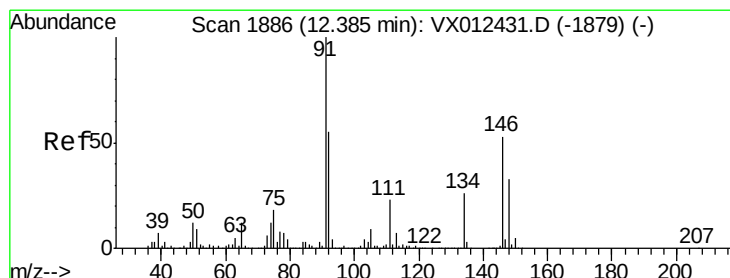
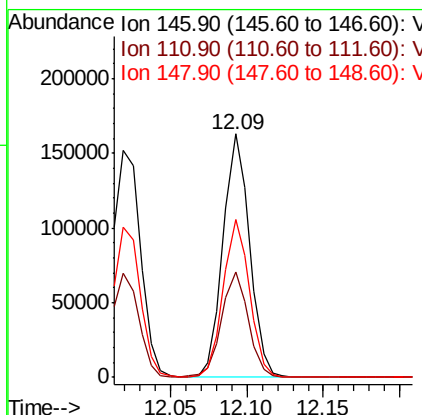
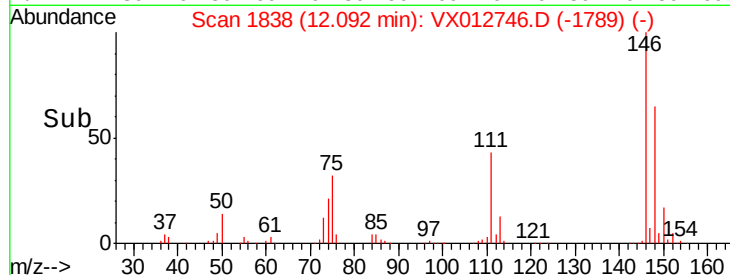
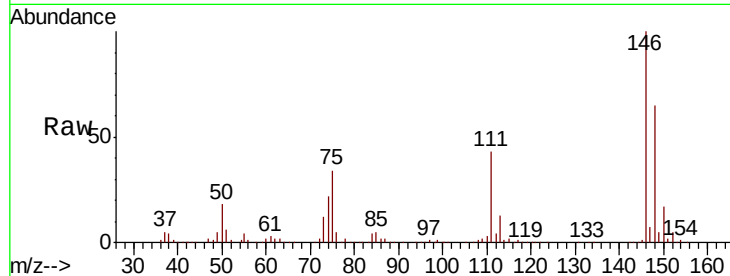




#88
 1,4-Dichlorobenzene
 Concen: 47.295 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

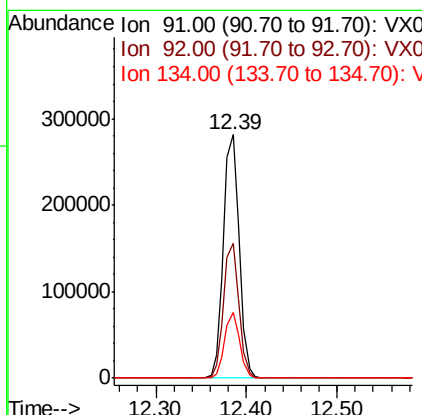
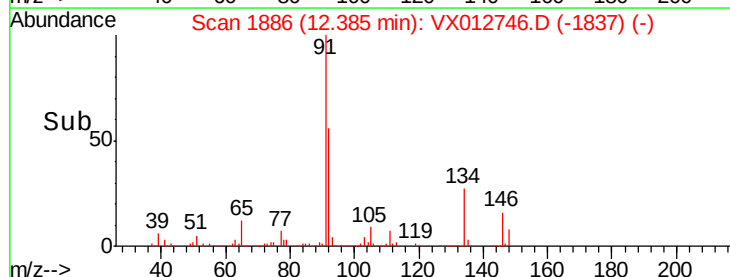
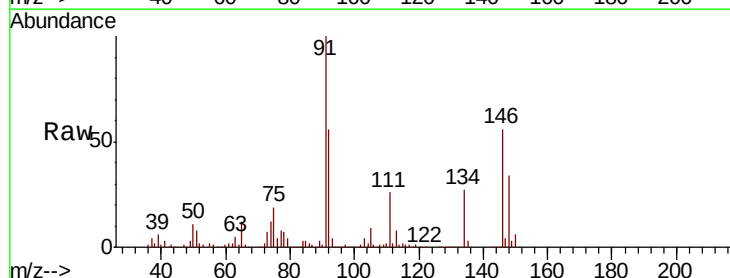
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

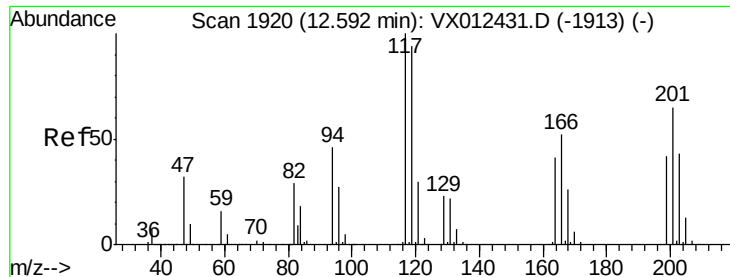
Tot Ion:146 Resp: 195725
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.3
 148 64.2 32.1 96.5



#89
 n-Butylbenzene
 Concen: 45.286 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Tgt Ion: 91 Resp: 340653
 Ion Ratio Lower Upper
 91 100
 92 54.1 27.7 83.0
 134 25.8 12.9 38.6





#90

Hexachloroethane

Concen: 47.578 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

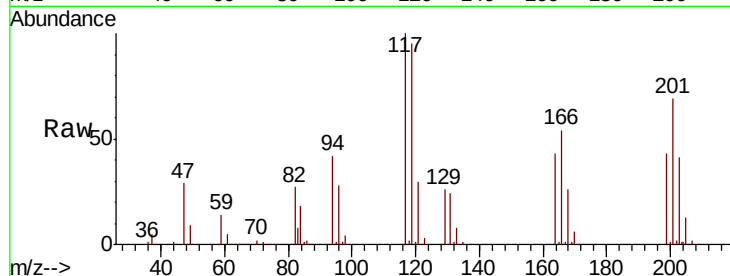
SA-SW201-20190926MS

Tot Ion:117 Resp: 72408

Ion Ratio Lower Upper

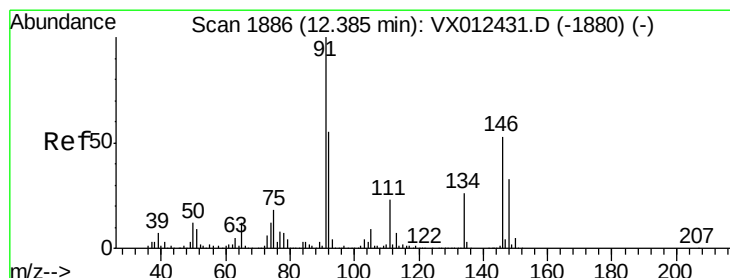
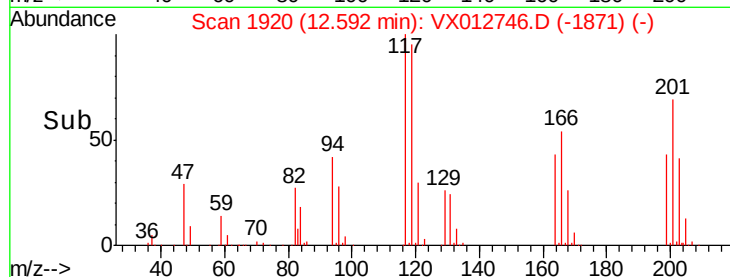
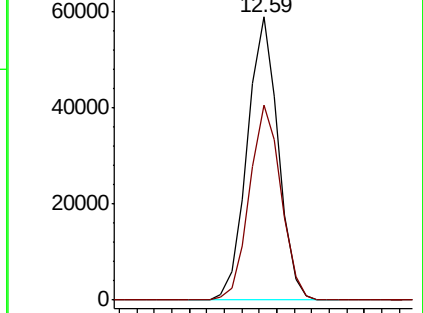
117 100

201 70.4 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.504 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

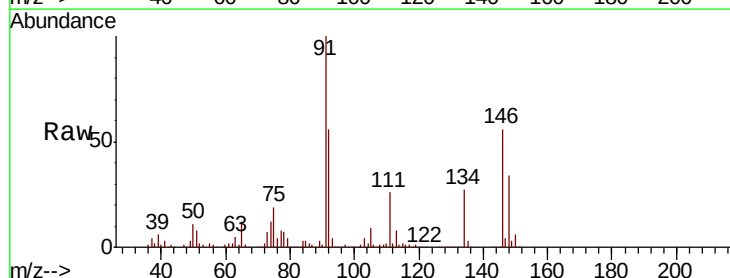
Tgt Ion:146 Resp: 198872

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.1

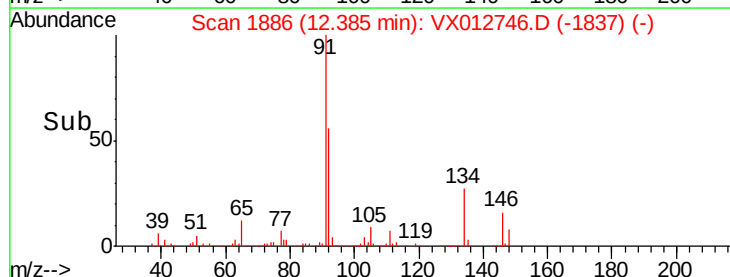
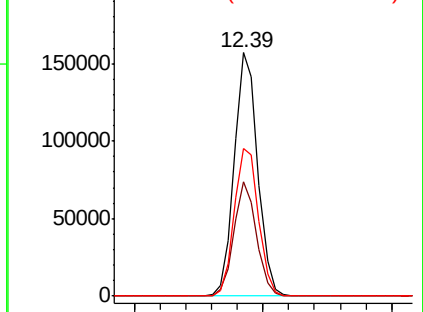
148 62.8 31.3 93.9

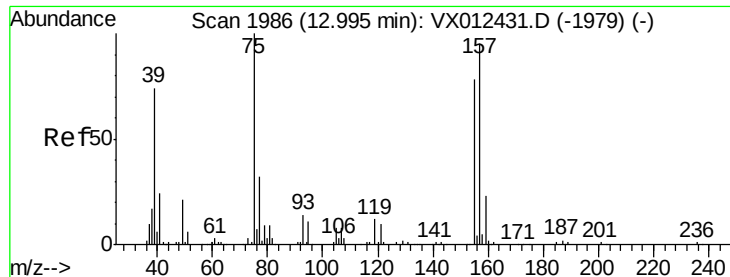


Abundance Ion 145.90 (145.60 to 146.60): V

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: 46.691 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

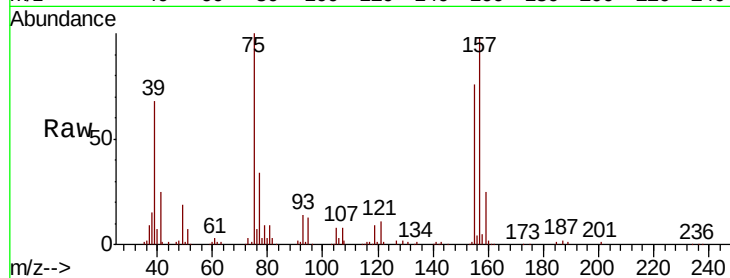
Tot Ion: 75 Resp: 38894

Ion Ratio Lower Upper

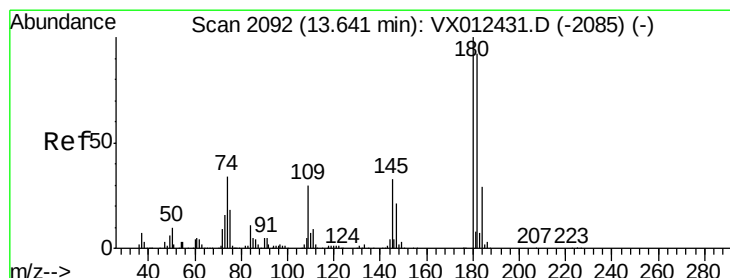
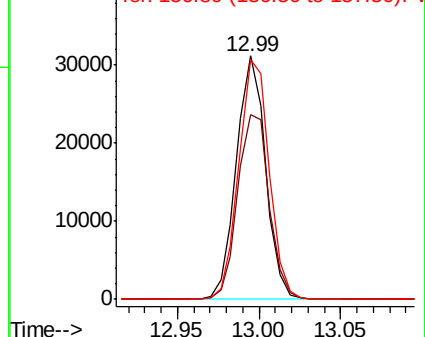
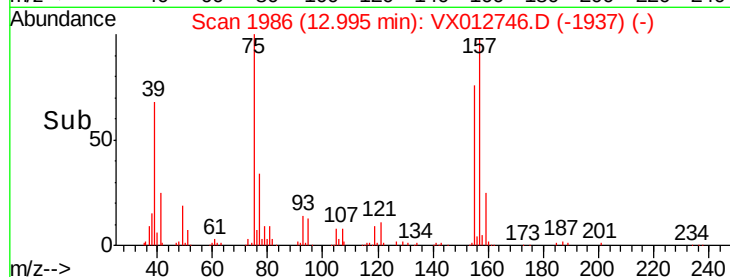
75 100

155 81.8 38.6 115.8

157 102.4 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX012746.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.249 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

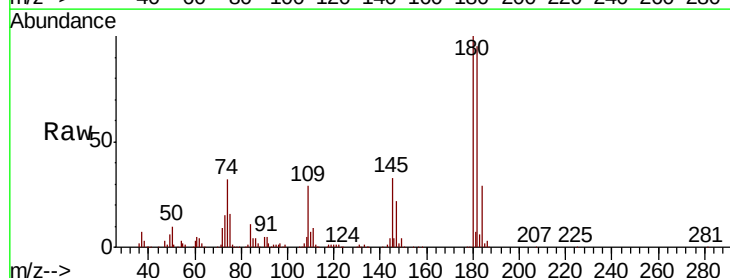
Tgt Ion: 180 Resp: 120646

Ion Ratio Lower Upper

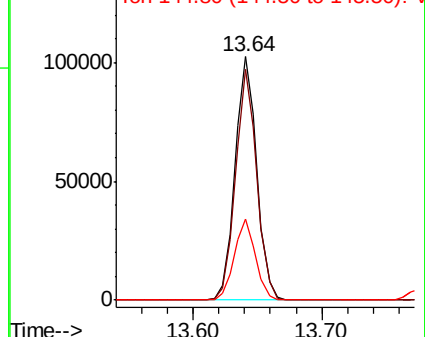
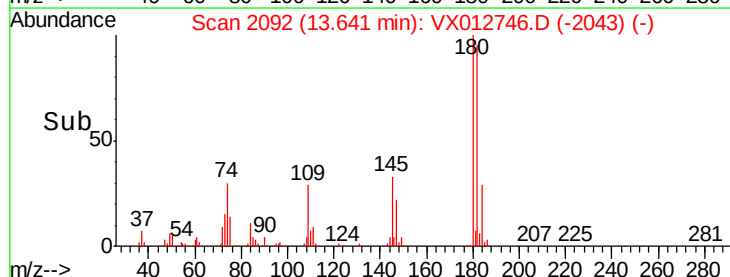
180 100

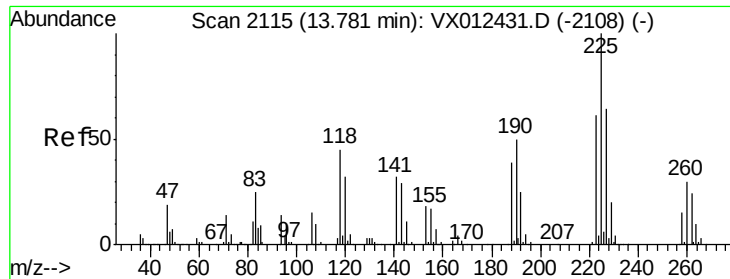
182 92.5 47.0 141.0

145 32.7 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): VX012746.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 49.174 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

Instrument :

MSVOA_X

ClientSampleId :

SA-SW201-20190926MS

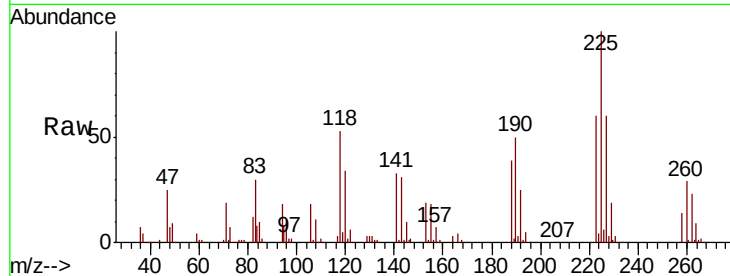
Tot Ion:225 Resp: 52897

Ion Ratio Lower Upper

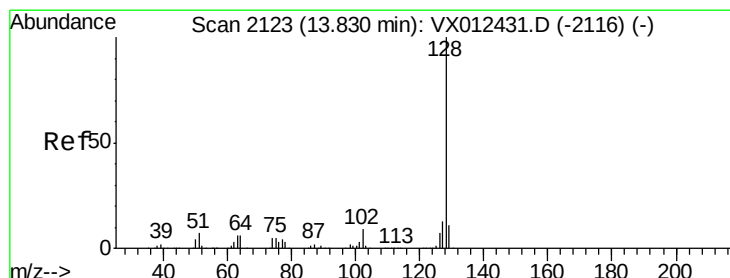
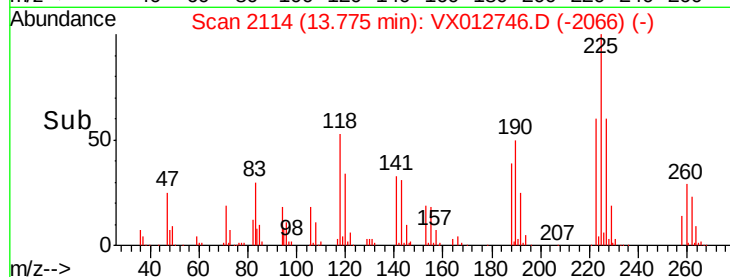
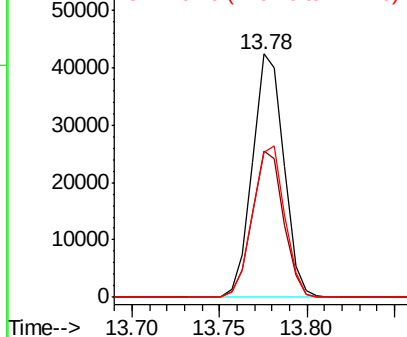
225 100

223 60.0 32.0 96.2

227 63.0 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: 49.041 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012746.D

Acq: 01 Oct 2019 20:19

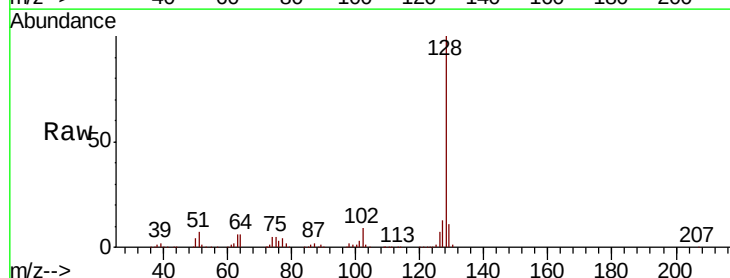
Tgt Ion:128 Resp: 443662

Ion Ratio Lower Upper

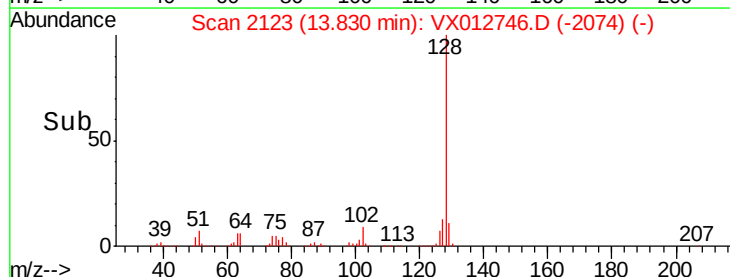
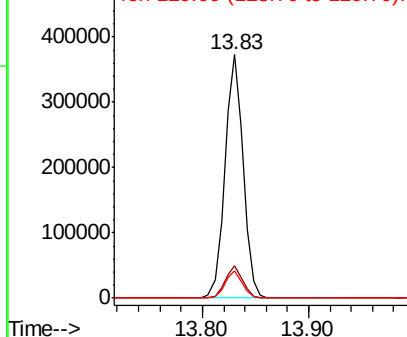
128 100

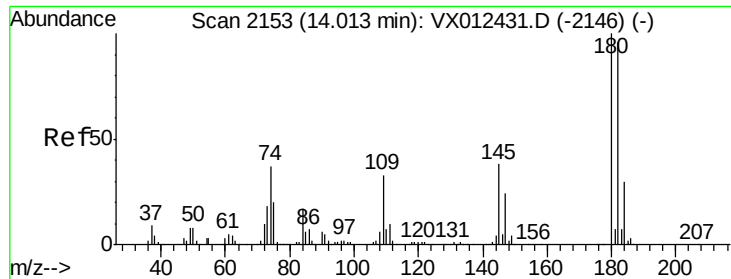
127 12.8 10.2 15.4

129 10.9 8.8 13.2



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





#96
 1,2,3-Trichlorobenzene
 Concen: 49.048 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012746.D
 Acq: 01 Oct 2019 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.3
145	36.1	18.0	54.0

