

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012901.D
 Acq On : 08 Oct 2019 19:47
 Operator : JC/SP
 Sample : K5122-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 02:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	116511	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	5.49	113	91247	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.71	98	350760	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	133588	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92182	51.154	ug/l	99
3) Chloromethane	1.32	50	98334	50.140	ug/l	97
4) Vinyl Chloride	1.40	62	101755	50.268	ug/l	100
5) Bromomethane	1.63	94	38638	45.918	ug/l	98
6) Chloroethane	1.71	64	62205	50.306	ug/l	100
7) Trichlorofluoromethane	1.92	101	141116	51.651	ug/l	99
8) Diethyl Ether	2.18	74	57354	52.008	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88172	49.865	ug/l	99
10) Methyl Iodide	2.50	142	93096	46.832	ug/l	100
11) Tert butyl alcohol	3.03	59	132746	226.625	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91540	51.239	ug/l	95
13) Acrolein	2.28	56	98864	237.501	ug/l	99
14) Allyl chloride	2.72	41	166442	52.315	ug/l	98
15) Acrylonitrile	3.13	53	293403	264.317	ug/l	99
16) Acetone	2.43	43	248172	213.080	ug/l	99
17) Carbon Disulfide	2.56	76	255924	50.239	ug/l	100
18) Methyl Acetate	2.76	43	133991	48.536	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	329070	53.338	ug/l	99
20) Methylene Chloride	2.84	84	106502	49.756	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	98654	51.521	ug/l	99
22) Diisopropyl ether	3.84	45	323218	53.017	ug/l	93
23) Vinyl Acetate	3.80	43	1377380	261.714	ug/l	98
24) 1,1-Dichloroethane	3.69	63	180988	52.770	ug/l	99
25) 2-Butanone	4.66	43	399479	247.225	ug/l	100
26) 2,2-Dichloropropane	4.57	77	135251	46.896	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	114307	51.788	ug/l	99
28) Bromochloromethane	5.01	49	55660	54.342	ug/l	99
29) Tetrahydrofuran	5.12	42	262050	263.542	ug/l	100
30) Chloroform	5.20	83	181148	51.474	ug/l	99
31) Cyclohexane	5.57	56	160949	50.186	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	159621	53.531	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135786	50.994	ug/l	99
37) Ethyl Acetate	4.82	43	150745	50.628	ug/l	99
38) Carbon Tetrachloride	5.78	117	135975	52.464	ug/l	95

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Quant Time: Oct 09 02:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165862	51.363	ug/l	98
40) Benzene	6.14	78	415416	52.821	ug/l	98
41) Methacrylonitrile	5.03	41	88681	54.203	ug/l	96
42) 1,2-Dichloroethane	6.18	62	146877	52.047	ug/l	99
43) Isopropyl Acetate	6.43	43	248702	52.041	ug/l	100
44) Trichloroethene	7.20	130	107069	49.095	ug/l	98
45) 1,2-Dichloropropane	7.51	63	105514	52.641	ug/l	96
46) Dibromomethane	7.65	93	70864	53.064	ug/l	99
47) Bromodichloromethane	7.89	83	139578	53.557	ug/l	98
48) Methyl methacrylate	7.76	41	123157	52.883	ug/l	100
49) 1,4-Dioxane	7.73	88	55624	893.899	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	782710	262.691	ug/l	100
52) Toluene	8.78	92	263787	52.428	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	153364	47.278	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	169773	52.965	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103521	51.991	ug/l	97
56) Ethyl methacrylate	9.17	69	175526	49.257	ug/l	99
57) 1,3-Dichloropropane	9.37	76	179832	52.211	ug/l	99
59) 2-Hexanone	9.48	43	603366	260.137	ug/l	100
60) Dibromochloromethane	9.58	129	106495	48.134	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109419	52.239	ug/l	100
64) Tetrachloroethene	9.33	164	88696	46.825	ug/l	96
65) Chlorobenzene	10.14	112	274433	50.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100473	53.432	ug/l	100
67) Ethyl Benzene	10.25	91	501687	52.078	ug/l	99
68) m/p-Xylenes	10.35	106	376374	104.581	ug/l	100
69) o-Xylene	10.70	106	183042	52.156	ug/l	99
70) Styrene	10.71	104	315030	52.802	ug/l	99
71) Bromoform	10.85	173	74474	46.711	ug/l	100
73) Isopropylbenzene	11.01	105	486066	52.996	ug/l	99
74) N-amyl acetate	10.89	43	211730	53.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162278	53.196	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	185774	67.141	ug/l	77
77) Bromobenzene	11.25	156	110745	51.240	ug/l	96
78) n-propylbenzene	11.35	91	543002	53.803	ug/l	99
79) 2-Chlorotoluene	11.42	91	335484	52.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	410885	53.651	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	48112	45.145	ug/l	97
82) 4-Chlorotoluene	11.51	91	383987	52.818	ug/l	100
83) tert-Butylbenzene	11.76	119	402168	53.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	414511	53.442	ug/l	99
85) sec-Butylbenzene	11.94	105	458012	52.918	ug/l	99
86) p-Isopropyltoluene	12.06	119	417474	52.007	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	202853	50.542	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	204572	50.328	ug/l	99
89) n-Butylbenzene	12.39	91	349605	51.820	ug/l	98
90) Hexachloroethane	12.59	117	72017	48.506	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204536	51.982	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38495	53.839	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	126036	51.134	ug/l	98

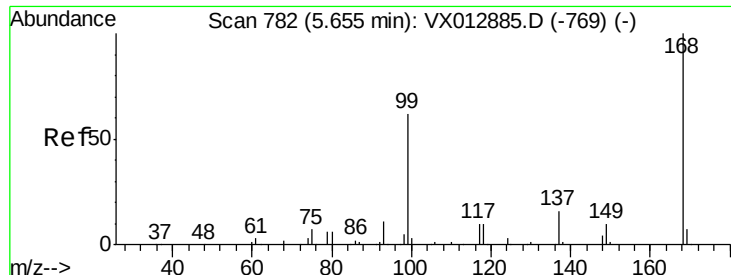
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	57136	50.229	ug/l	100
95) Naphthalene	13.83	128	446919	52.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129113	50.690	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

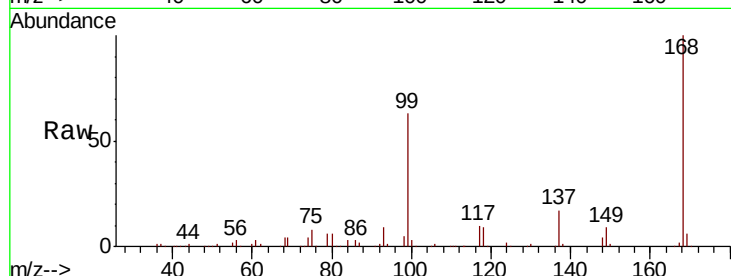
ClientSampleId :

Tot Ion:168 Resp: 176788

Ion Ratio Lower Upper

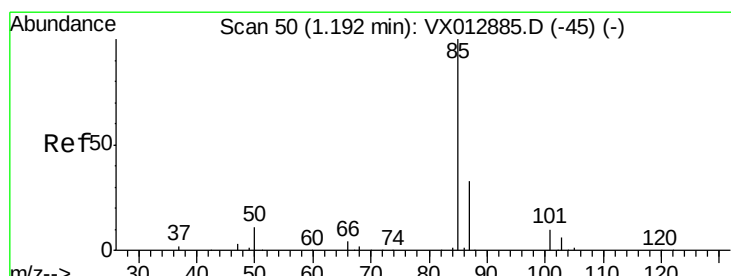
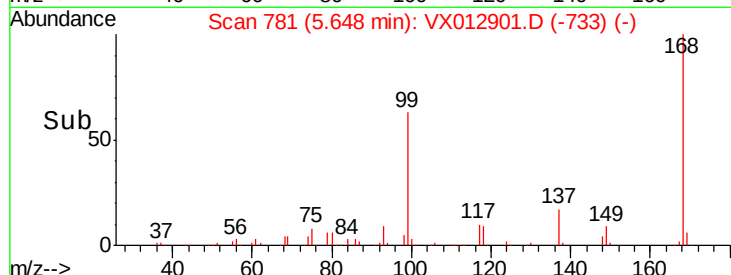
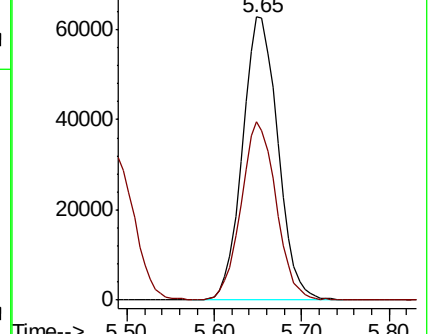
168 100

99 62.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.154 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012901.D

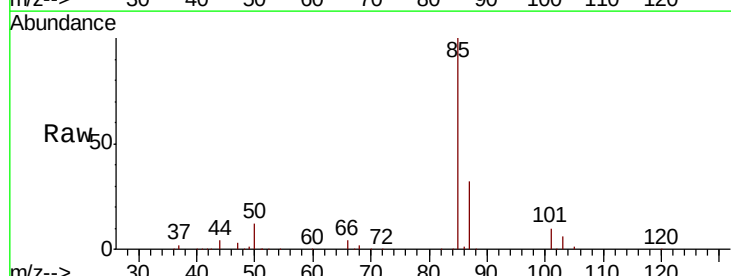
Acq: 08 Oct 2019 19:47

Tgt Ion: 85 Resp: 92182

Ion Ratio Lower Upper

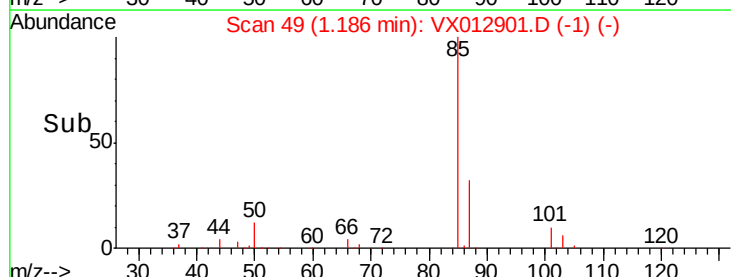
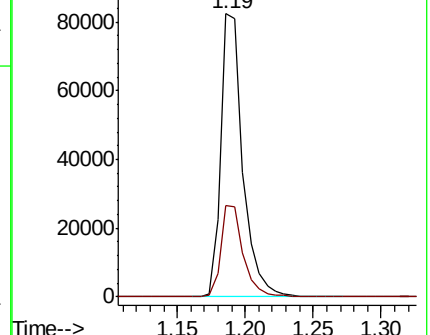
85 100

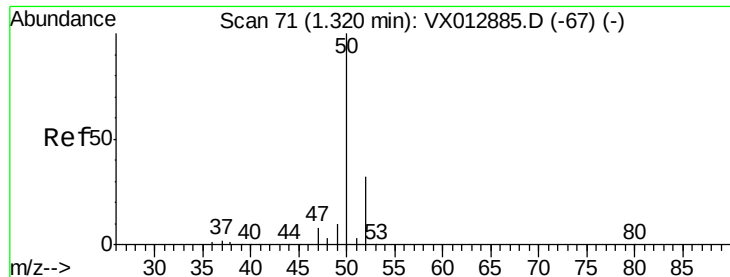
87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.140 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

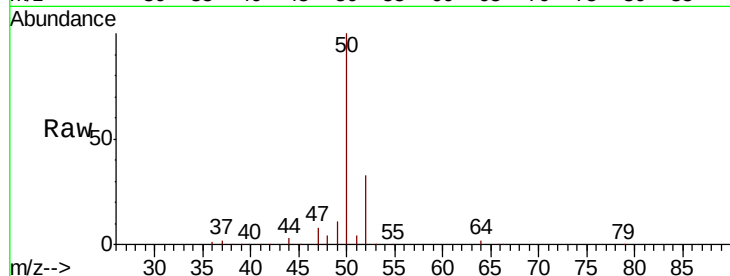
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 98334

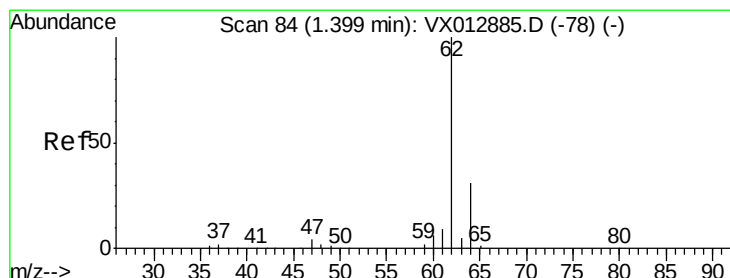
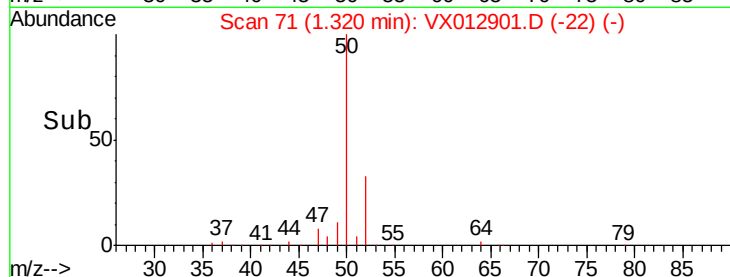
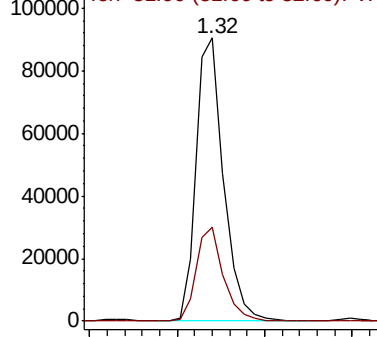
Ion Ratio Lower Upper

50 100

52 33.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.268 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012901.D

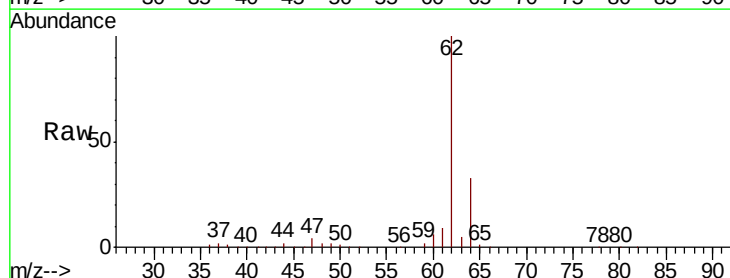
Acq: 08 Oct 2019 19:47

Tgt Ion: 62 Resp: 101755

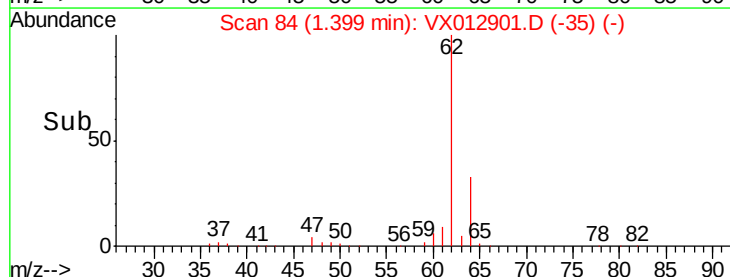
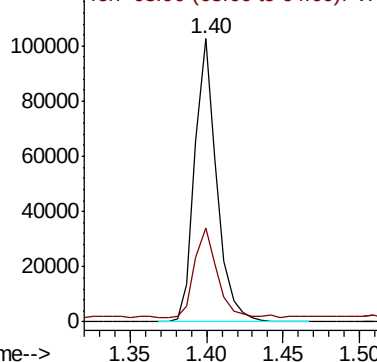
Ion Ratio Lower Upper

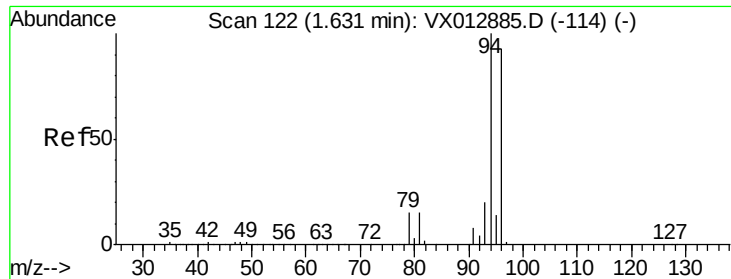
62 100

64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.918 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

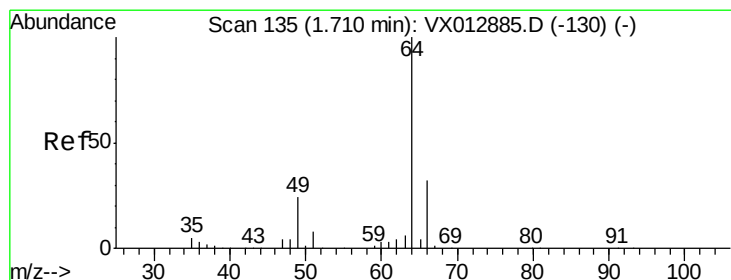
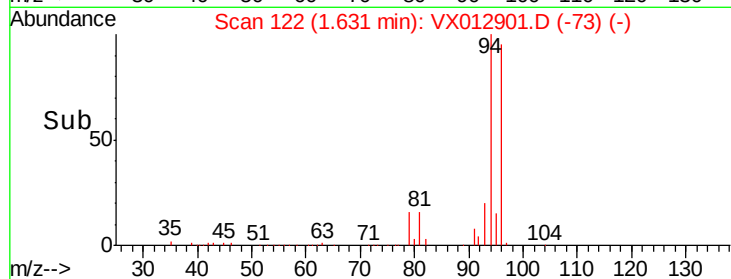
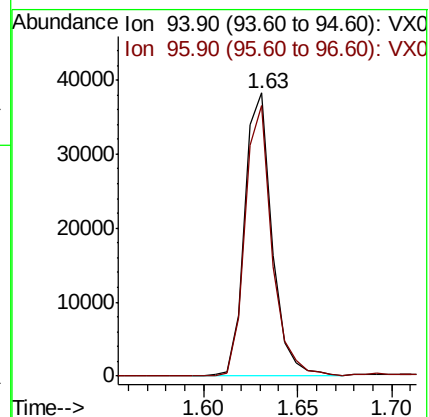
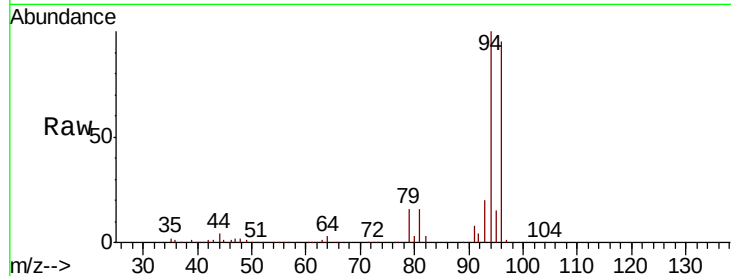
ClientSampleId :

Tot Ion: 94 Resp: 38638

Ion Ratio Lower Upper

94 100

96 95.5 74.7 112.1



#6

Chloroethane

Concen: 50.306 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012901.D

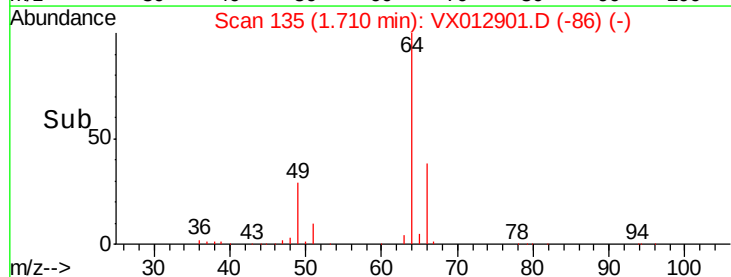
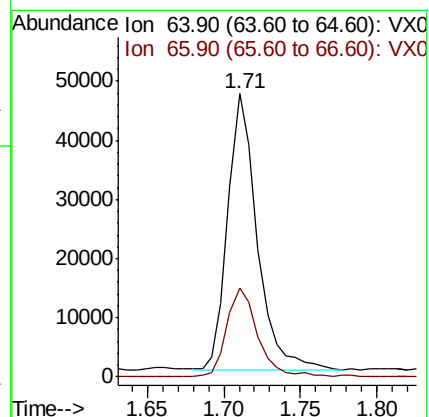
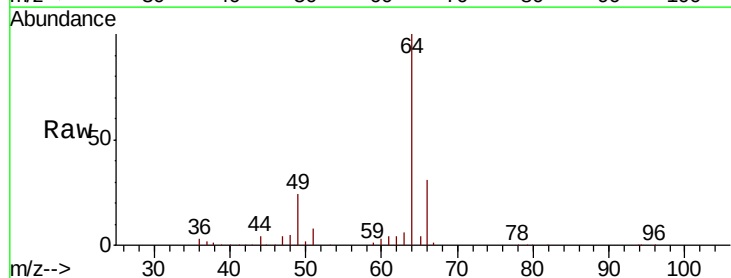
Acq: 08 Oct 2019 19:47

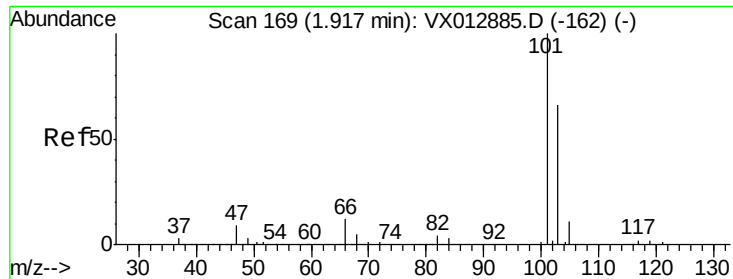
Tgt Ion: 64 Resp: 62205

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



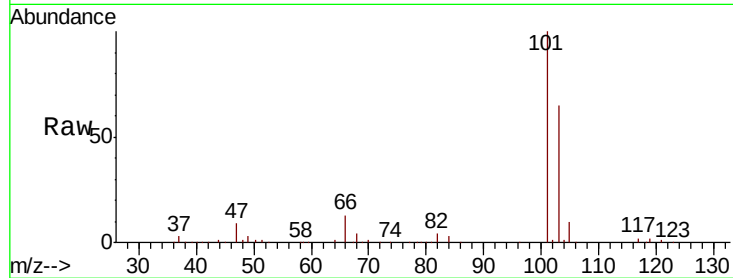


#7

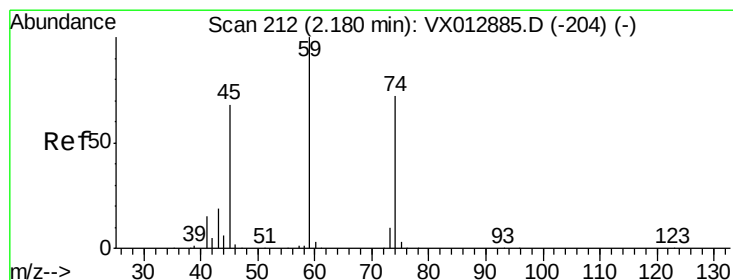
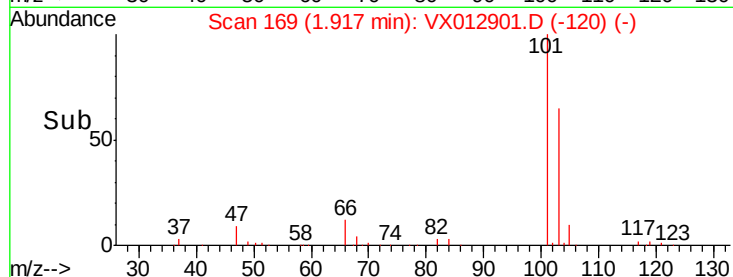
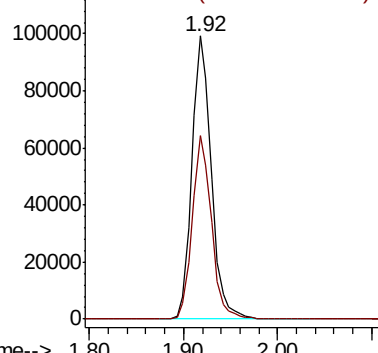
Trichlorofluoromethane
Concen: 51.651 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 141116
Ion Ratio Lower Upper
101 100
103 64.8 52.5 78.7



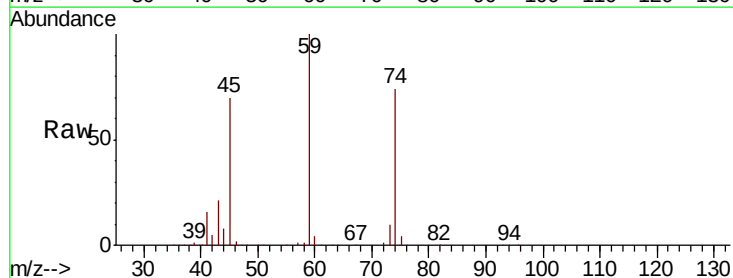
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



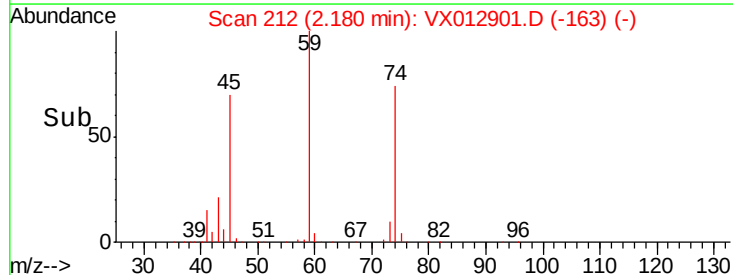
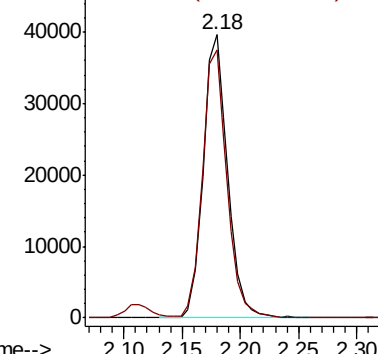
#8

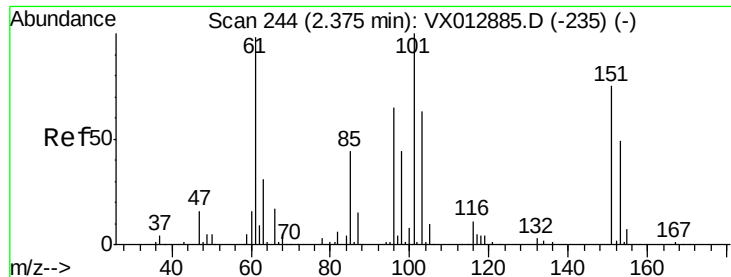
Diethyl Ether
Concen: 52.008 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion: 74 Resp: 57354
Ion Ratio Lower Upper
74 100
45 96.3 47.8 143.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.865 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

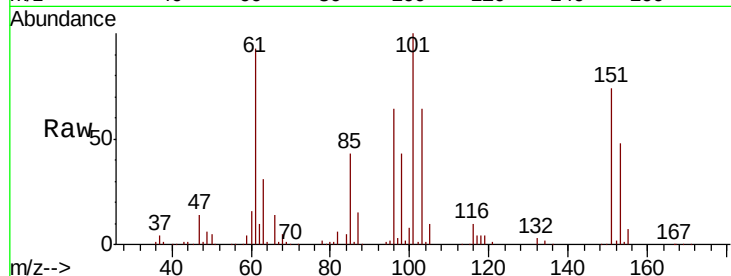
Tot Ion:101 Resp: 88172

Ion Ratio Lower Upper

101 100

85 43.1 35.2 52.8

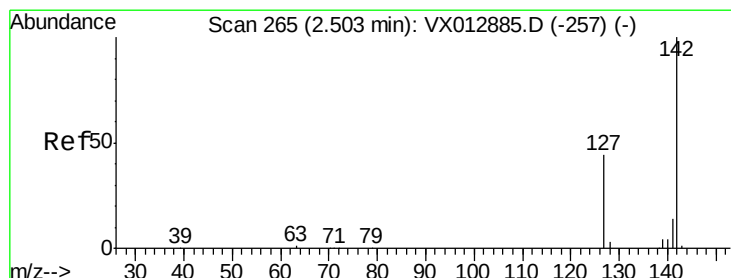
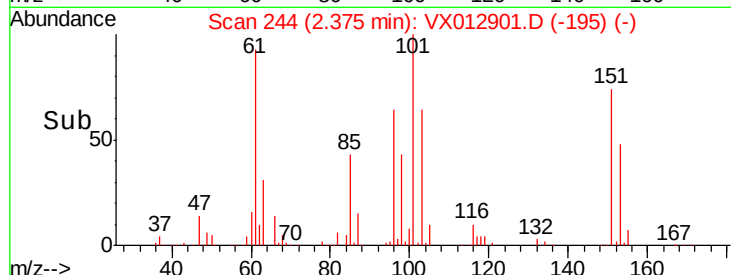
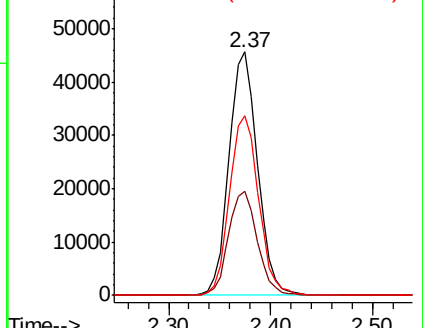
151 75.1 60.3 90.5



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: 46.832 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

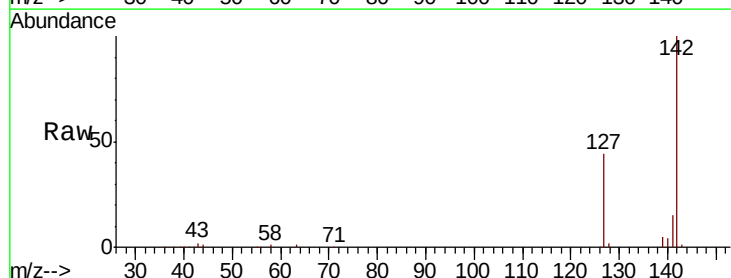
Tgt Ion:142 Resp: 93096

Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

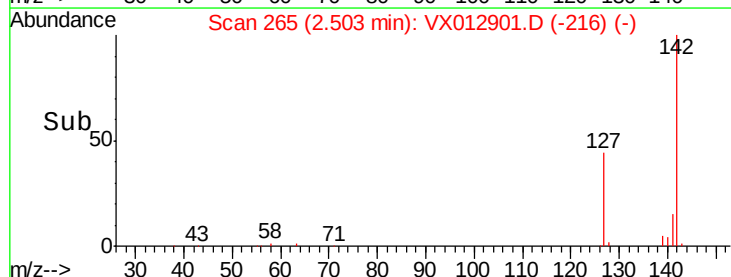
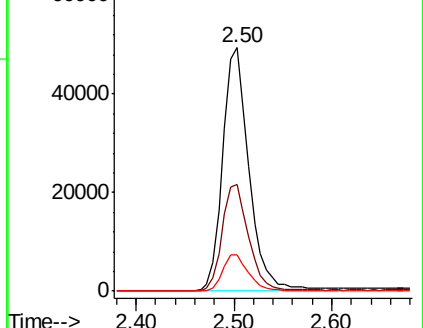
141 14.6 11.6 17.4

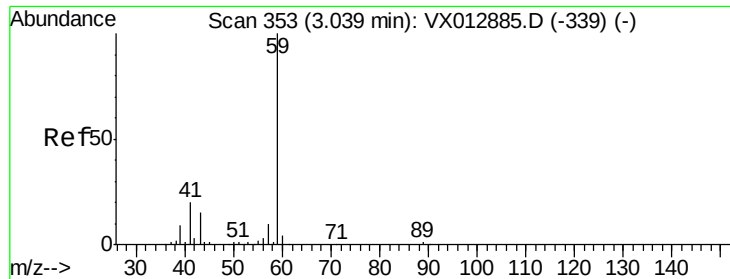


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



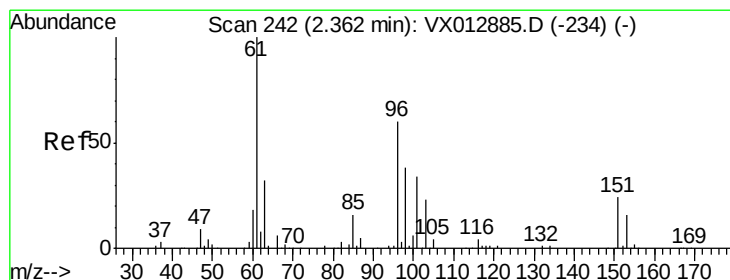
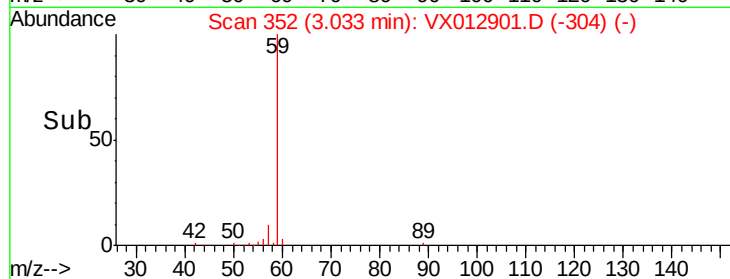
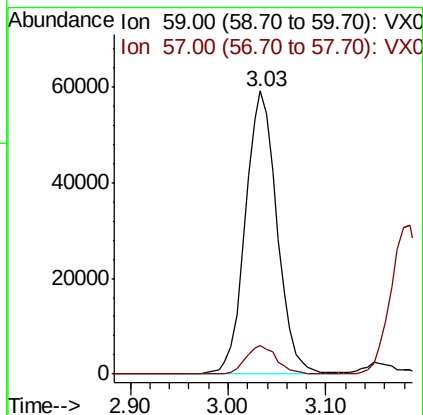
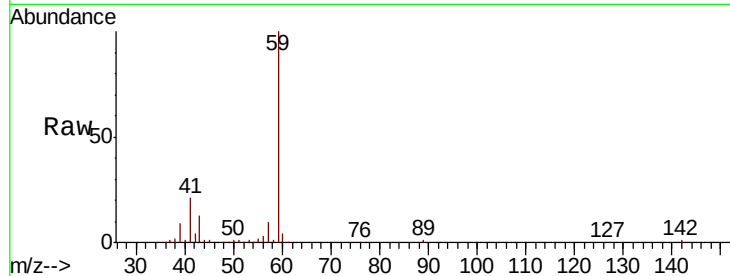


#11

Tert butyl alcohol
 Concen: 226.625 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

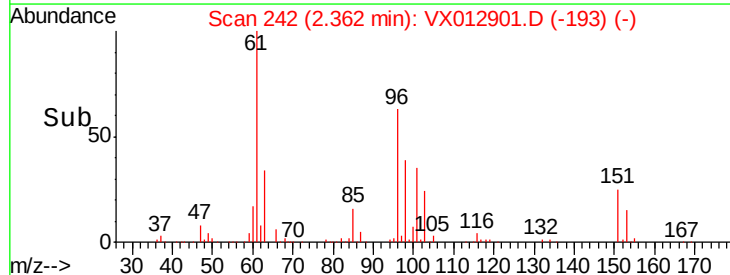
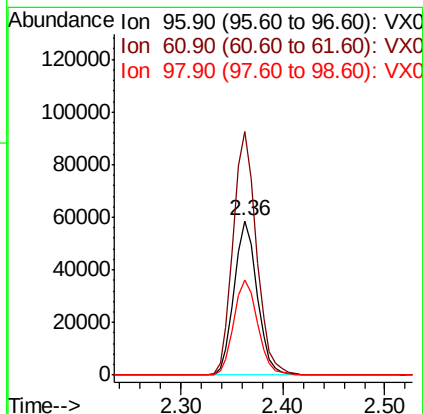
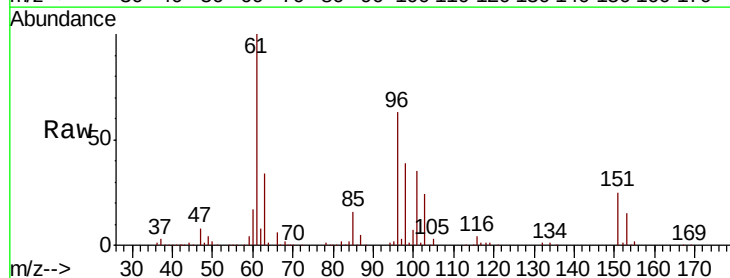
Tot Ion: 59 Resp: 132746
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

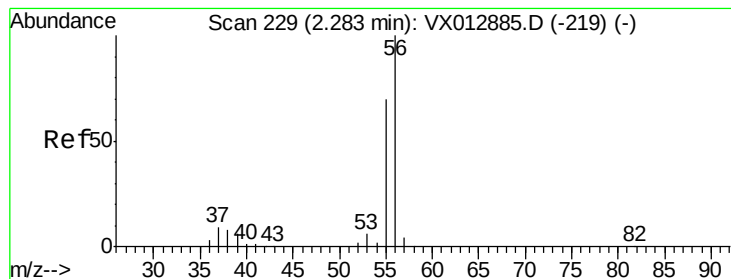


#12

1,1-Dichloroethene
 Concen: 51.239 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 96 Resp: 91540
 Ion Ratio Lower Upper
 96 100
 61 157.6 132.2 198.4
 98 61.9 50.5 75.7





#13

Acrolein

Concen: 237.501 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

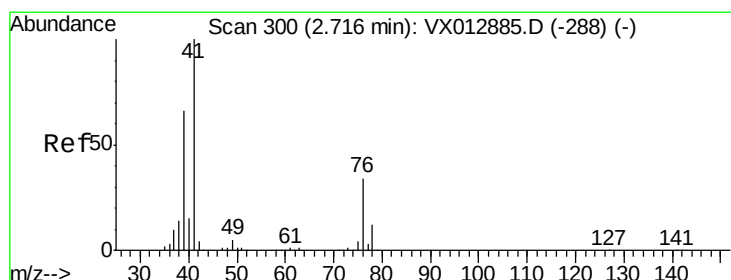
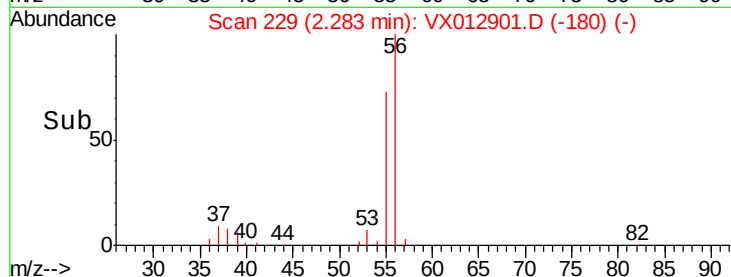
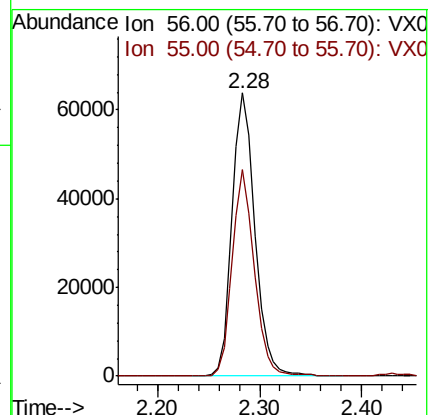
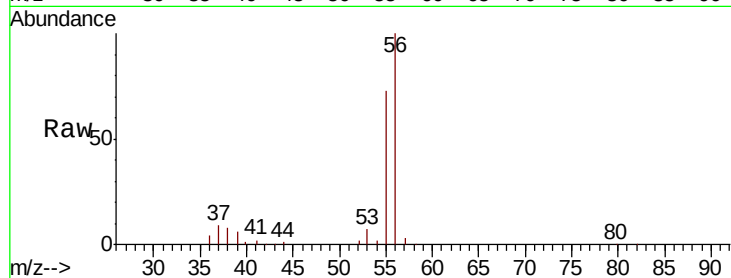
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 98864

Ion Ratio Lower Upper

56 100

55 70.0 56.6 85.0



#14

Allyl chloride

Concen: 52.315 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

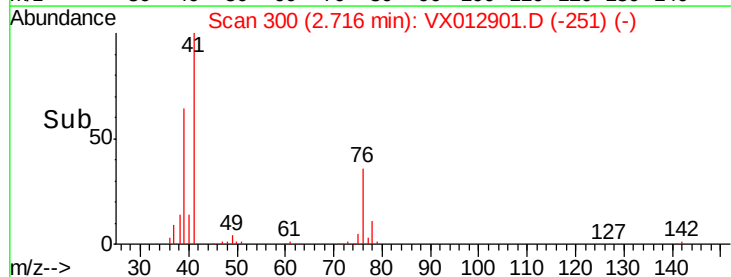
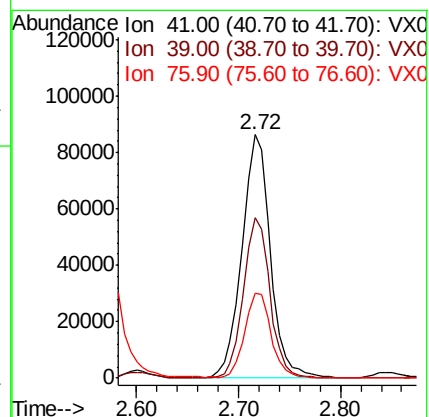
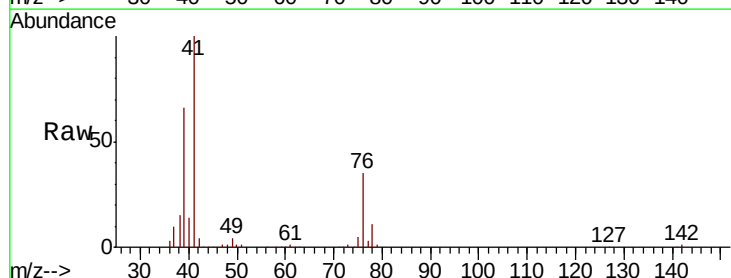
Tgt Ion: 41 Resp: 166442

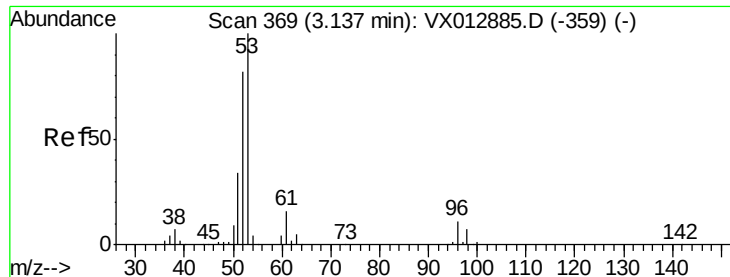
Ion Ratio Lower Upper

41 100

39 62.0 51.0 76.6

76 32.6 26.2 39.4





#15

Acrylonitrile

Concen: 264.317 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

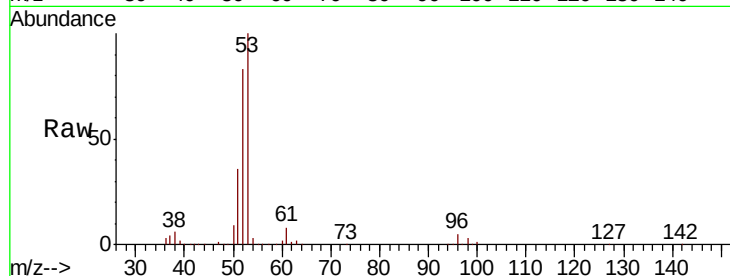
Tot Ion: 53 Resp: 293403

Ion Ratio Lower Upper

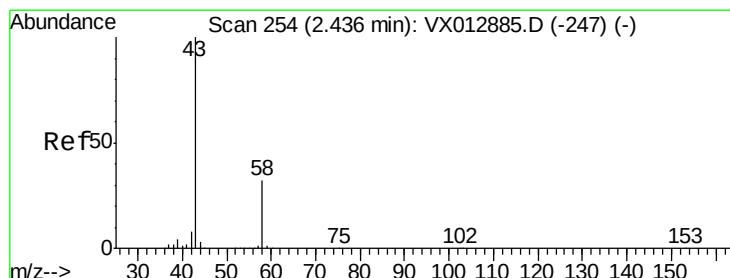
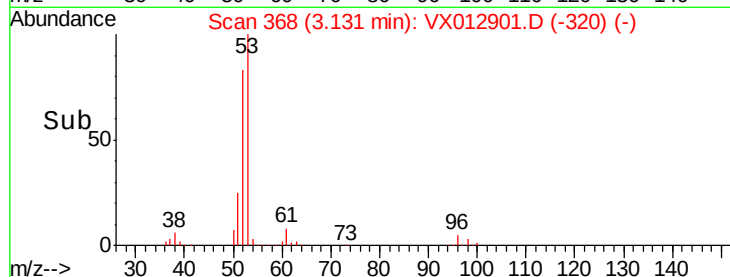
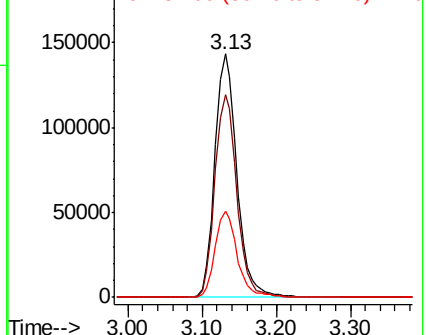
53 100

52 83.2 66.2 99.2

51 35.8 28.2 42.4



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: 213.080 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012901.D

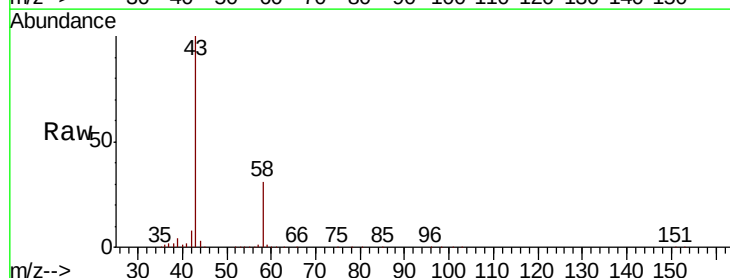
Acq: 08 Oct 2019 19:47

Tgt Ion: 43 Resp: 248172

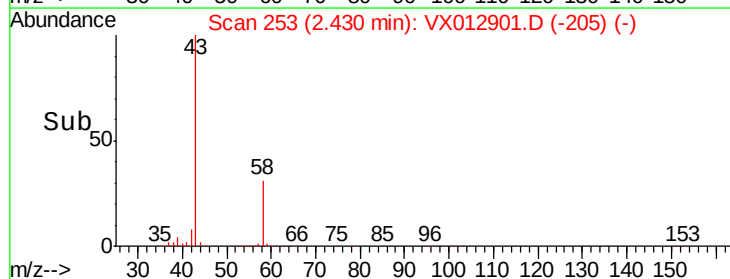
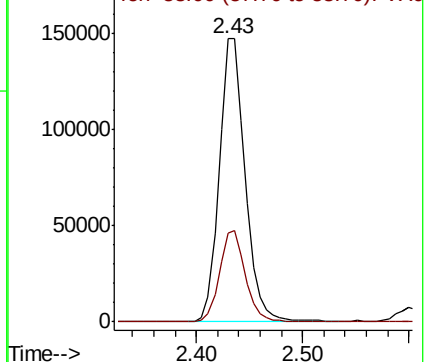
Ion Ratio Lower Upper

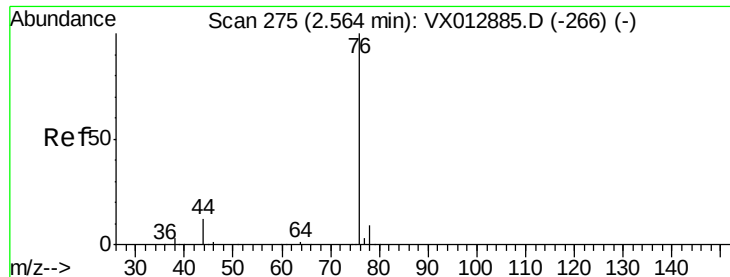
43 100

58 31.3 25.4 38.2



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

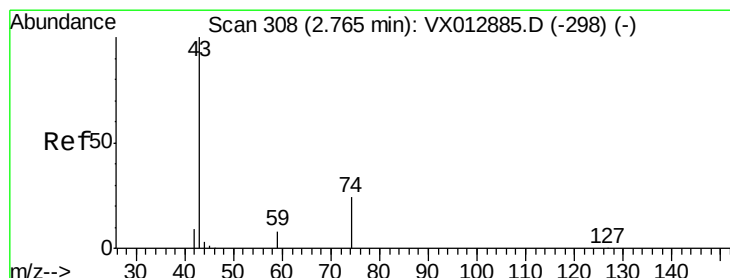
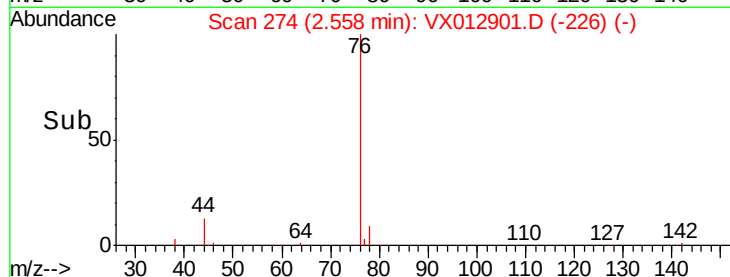
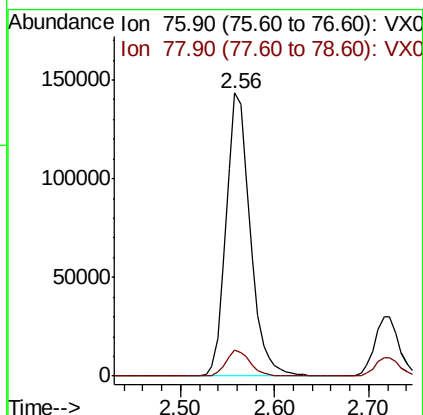
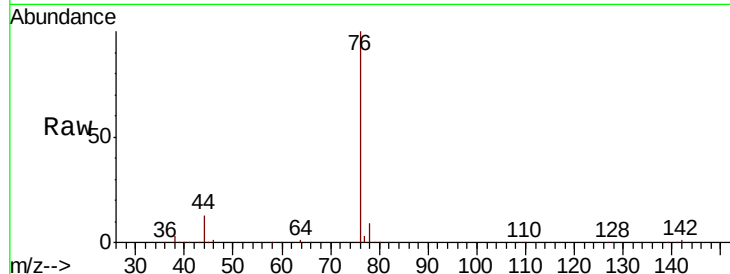




#17
Carbon Disulfide
Concen: 50.239 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

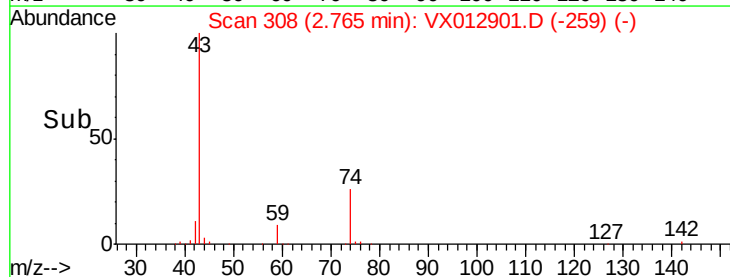
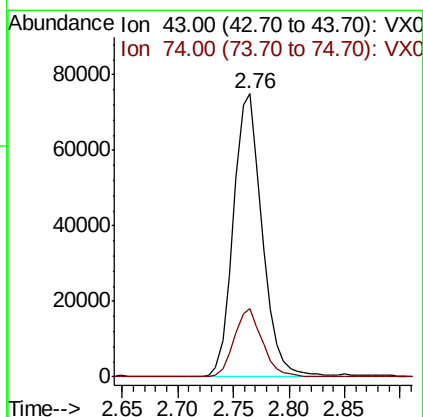
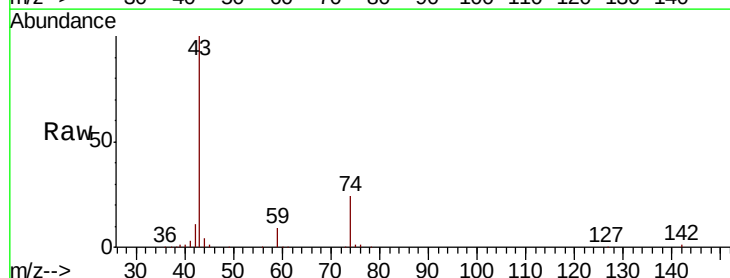
Instrument :
MSVOA_X
ClientSampleId :

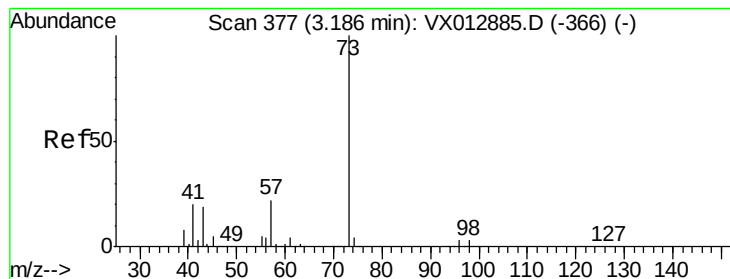
Tot Ion: 76 Resp: 255924
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 48.536 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion: 43 Resp: 133991
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



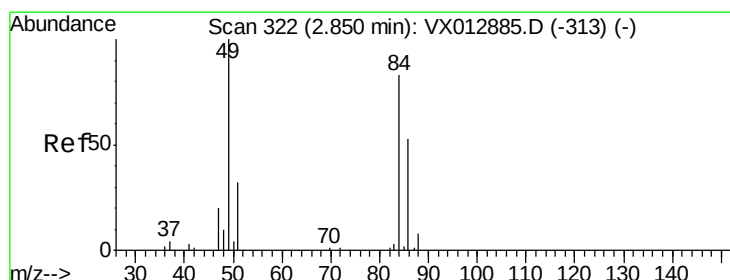
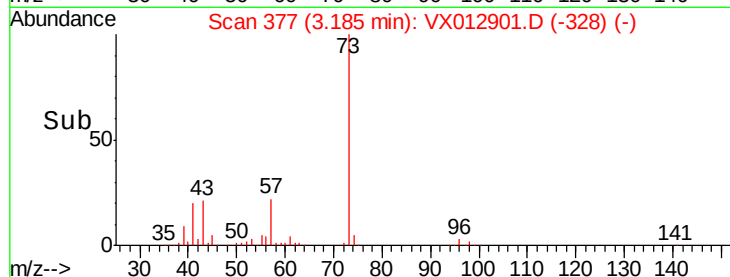
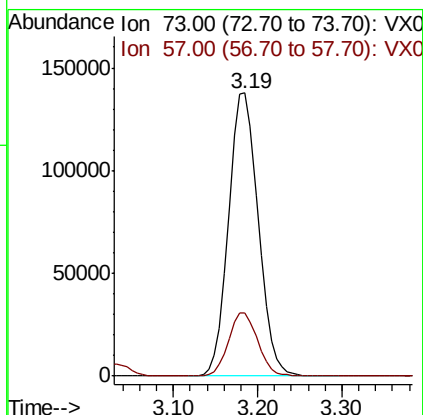
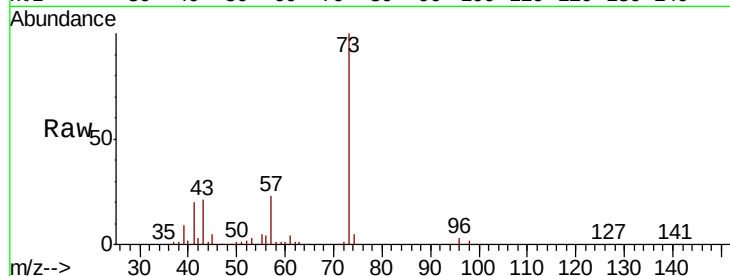


#19

Methyl tert-butyl Ether
 Concen: 53.338 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

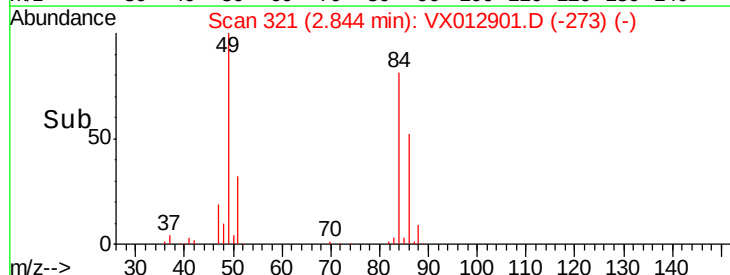
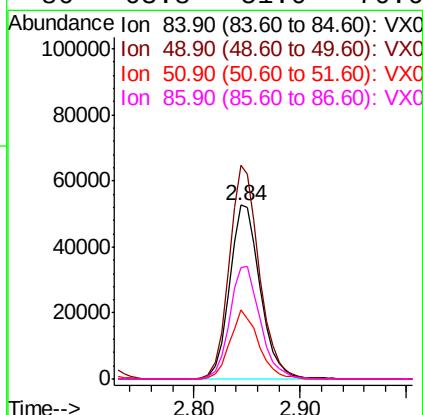
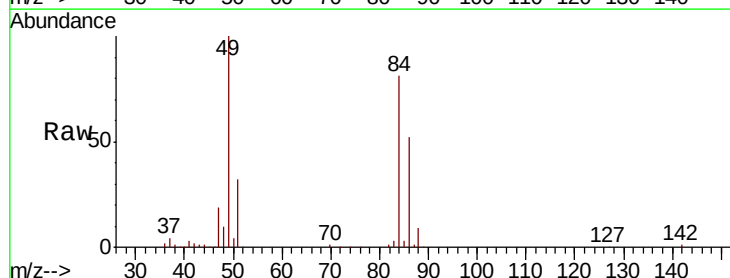
Tot Ion: 73 Resp: 329070
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.8 26.6

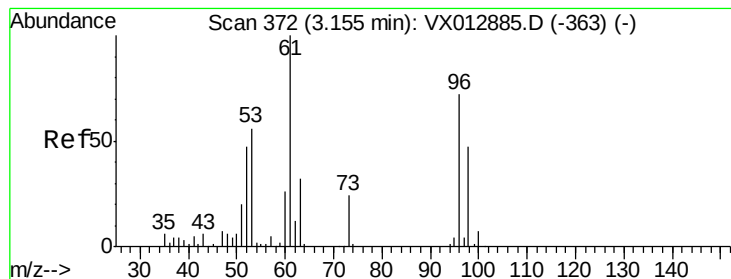


#20

Methylene Chloride
 Concen: 49.756 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 84 Resp: 106502
 Ion Ratio Lower Upper
 84 100
 49 122.7 96.6 144.8
 51 39.5 30.7 46.1
 86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.521 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampled :

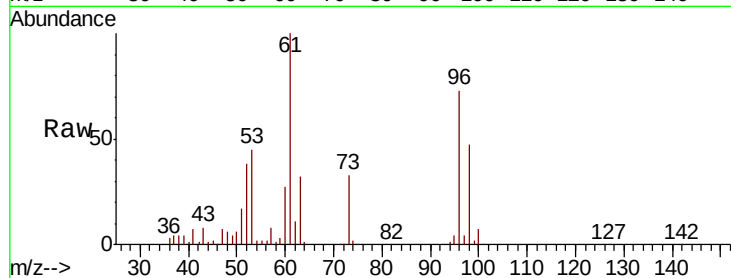
Tot Ion: 96 Resp: 98654

Ion Ratio Lower Upper

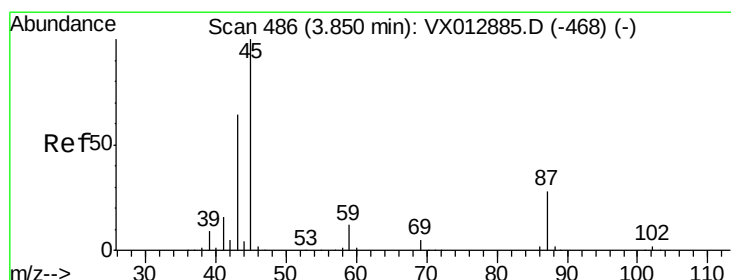
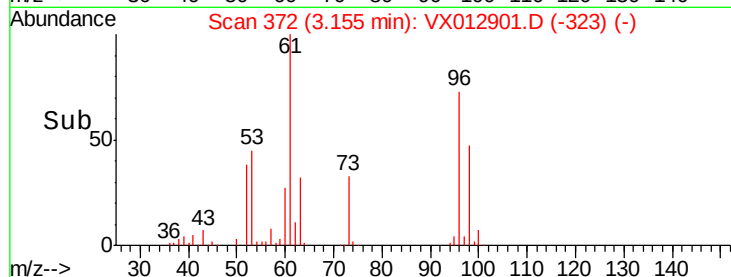
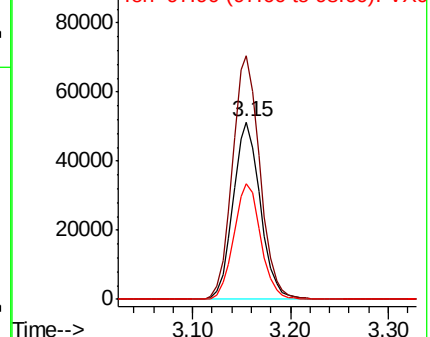
96 100

61 137.3 110.4 165.6

98 65.1 51.5 77.3



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: 53.017 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Tgt Ion: 45 Resp: 323218

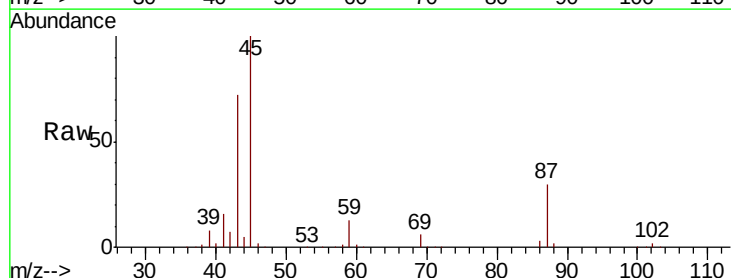
Ion Ratio Lower Upper

45 100

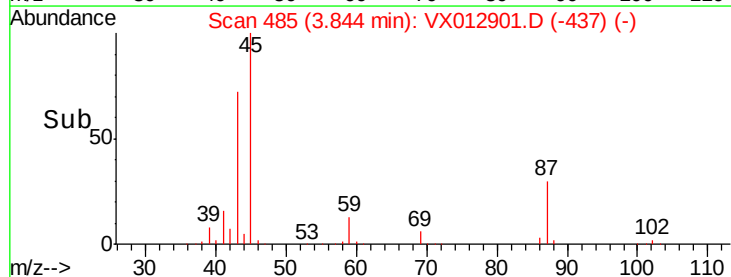
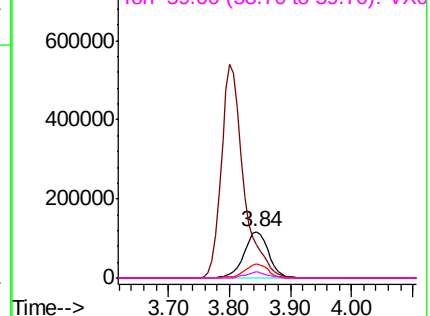
43 71.8 51.4 77.0

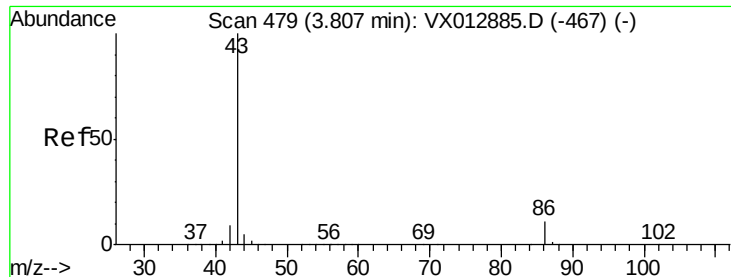
87 29.7 22.5 33.7

59 12.7 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 261.714 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

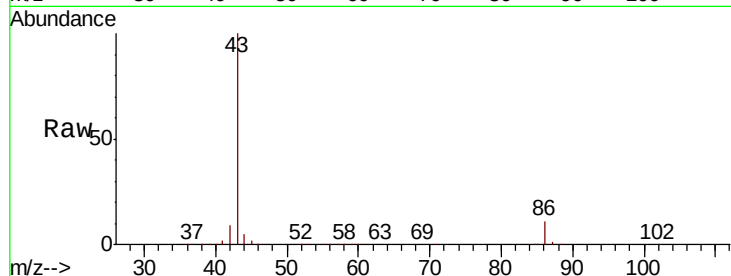
ClientSampleId :

Tot Ion: 43 Resp: 1377380

Ion Ratio Lower Upper

43 100

86 10.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

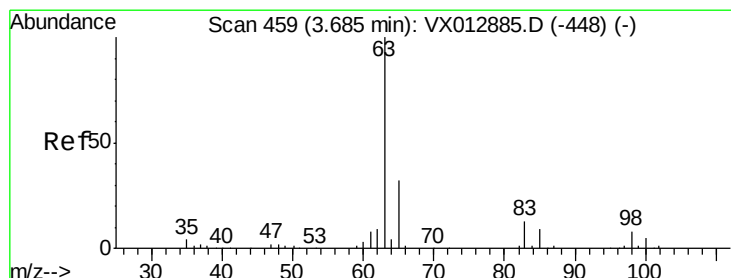
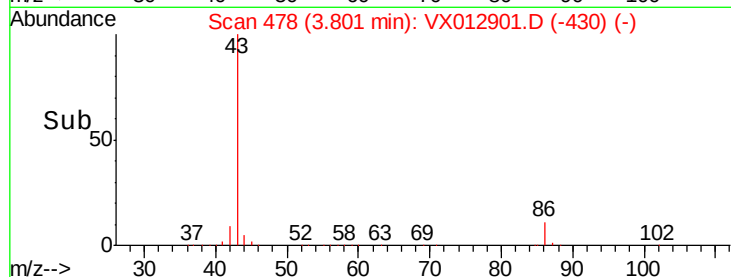
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.770 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

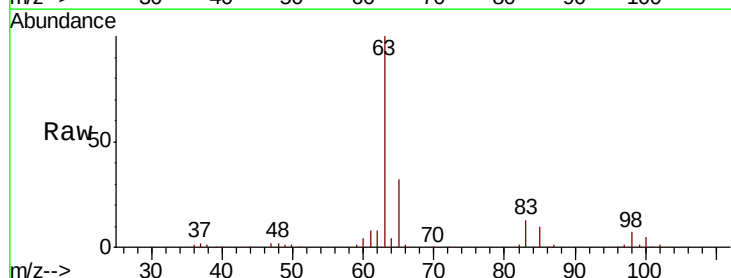
Tgt Ion: 63 Resp: 180988

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

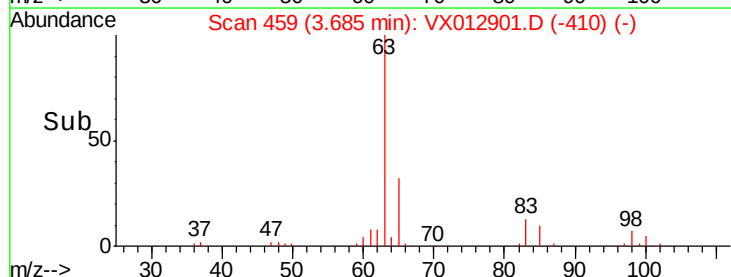
60000

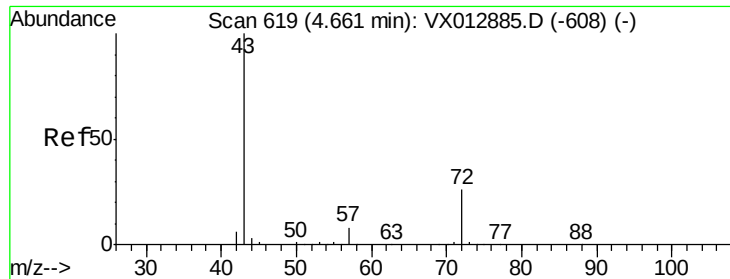
40000

20000

0

Time-->





#25

2-Butanone

Concen: 247.225 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

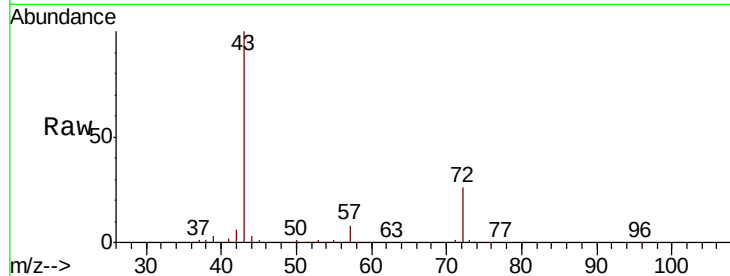
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 399479

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

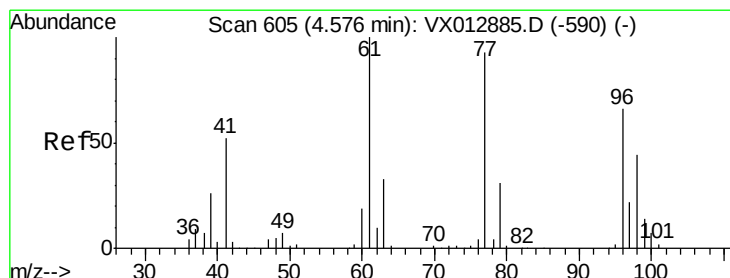
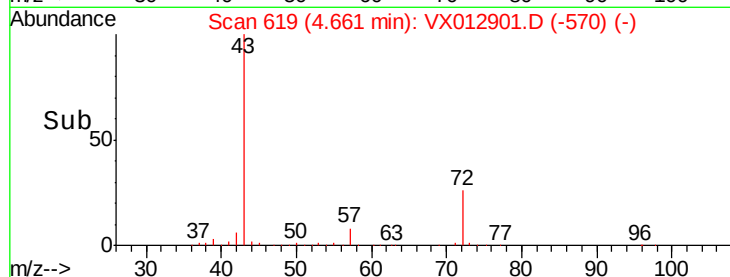
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.896 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012901.D

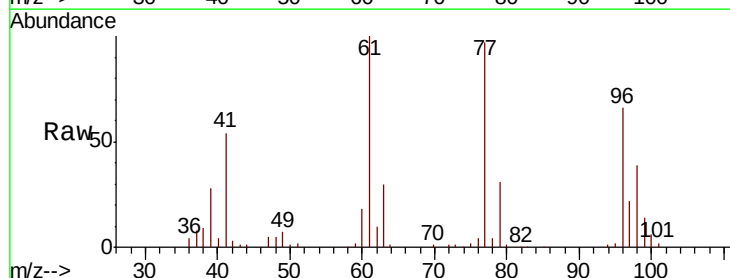
Acq: 08 Oct 2019 19:47

Tgt Ion: 77 Resp: 135251

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

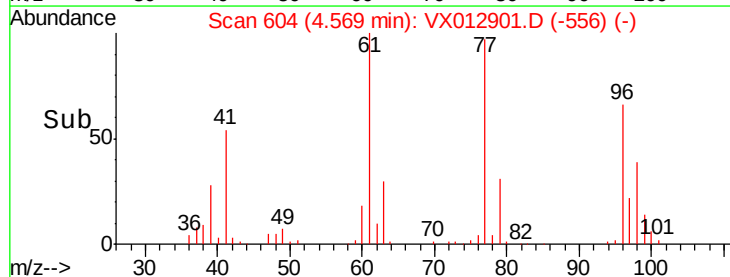
10000

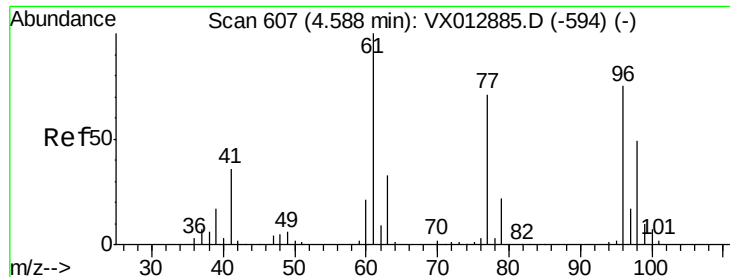
0

4.57

4.40 4.50 4.60 4.70

Time-->



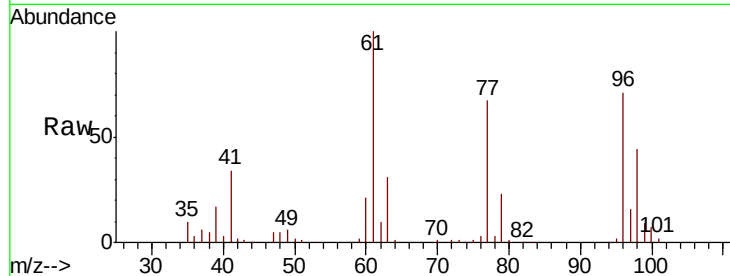


#27

cis-1,2-Dichloroethene
 Concen: 51.788 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	114307
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	290.6
98	63.4	0.0	128.8

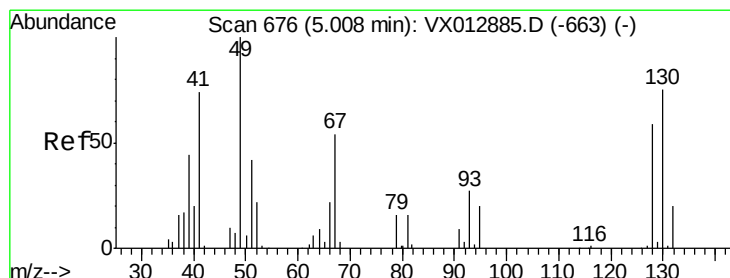
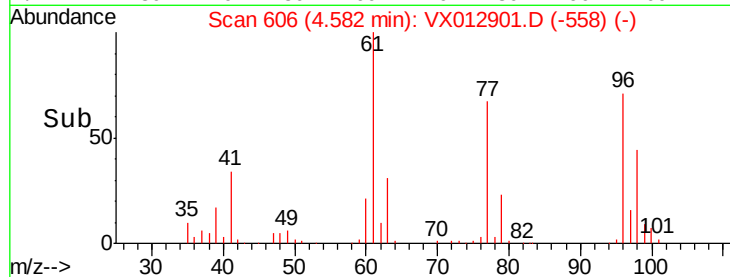
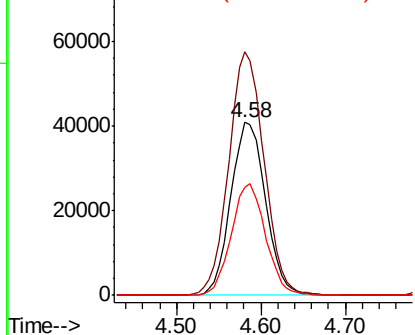


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

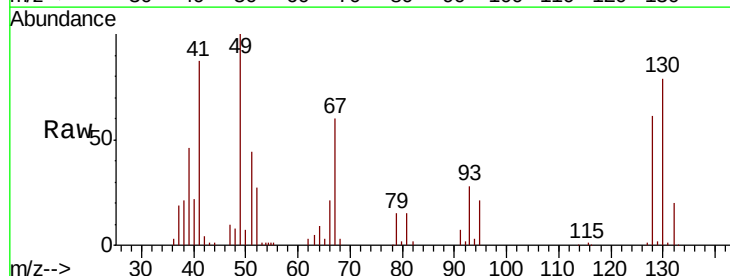
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 54.342 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion	49	Resp	55660
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	76.5	62.1	93.1

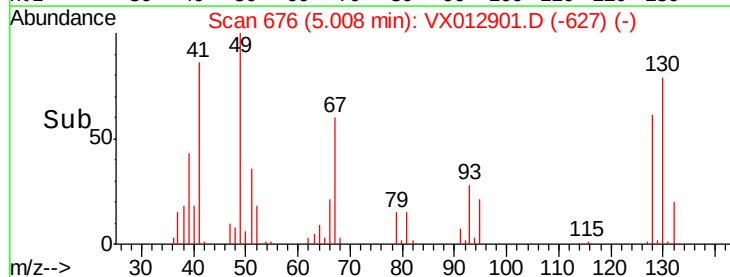
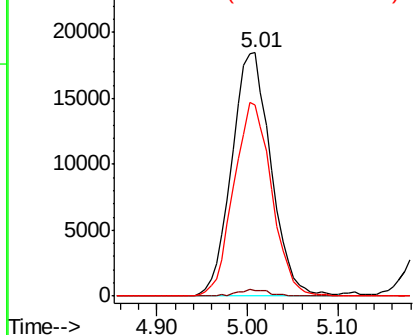


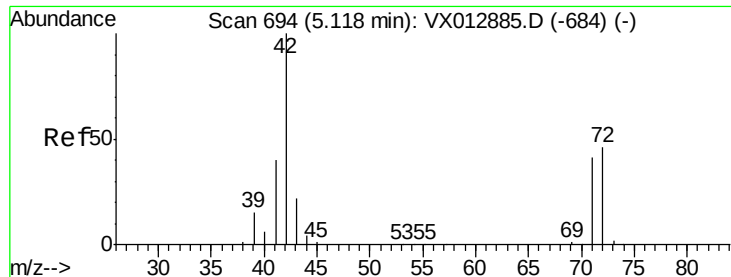
Abundance

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

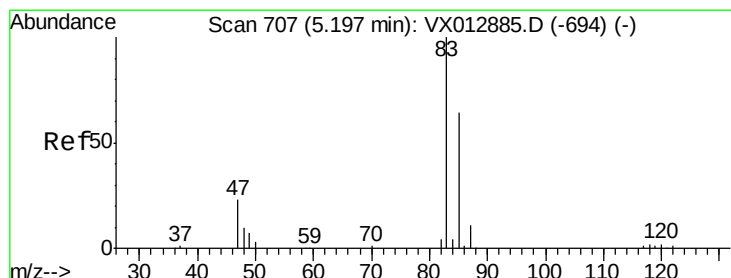
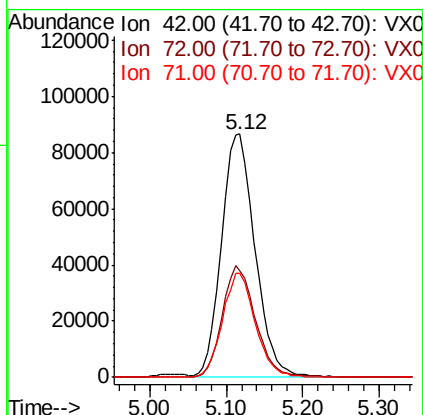
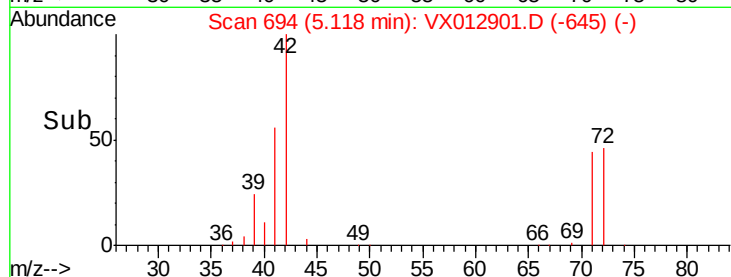
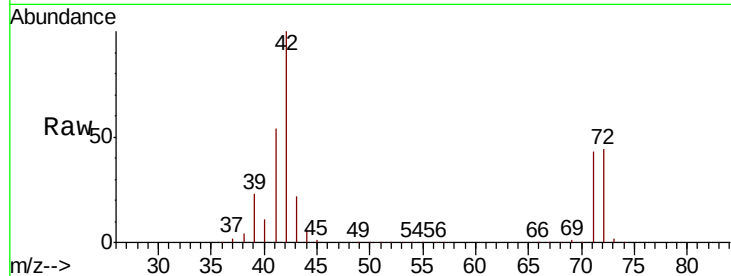




#29
Tetrahydrofuran
Concen: 263.542 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

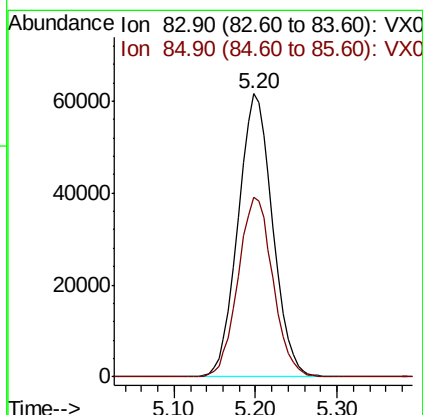
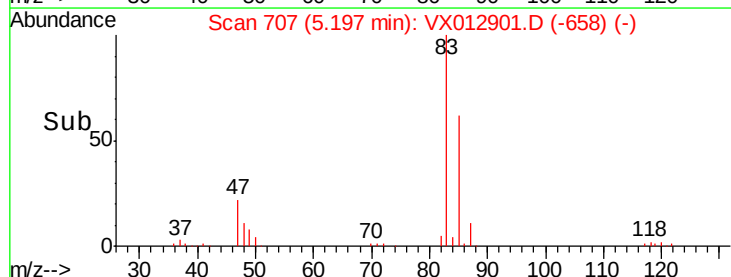
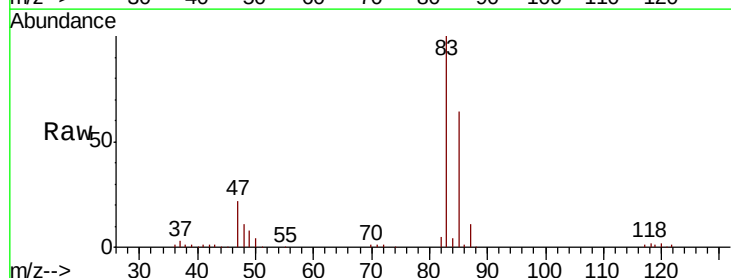
Instrument :
MSVOA_X
ClientSampled :

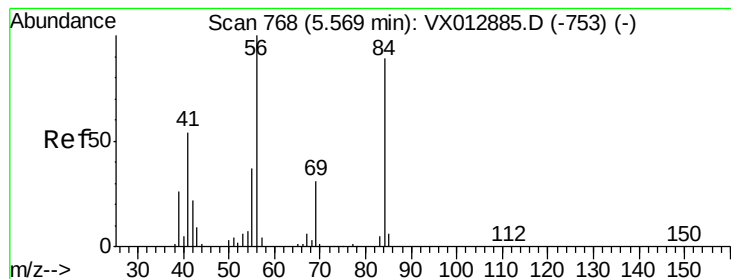
Tot Ion: 42 Resp: 262050
Ion Ratio Lower Upper
42 100
72 45.8 36.9 55.3
71 42.1 33.5 50.3



#30
Chloroform
Concen: 51.474 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion: 83 Resp: 181148
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 50.186 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

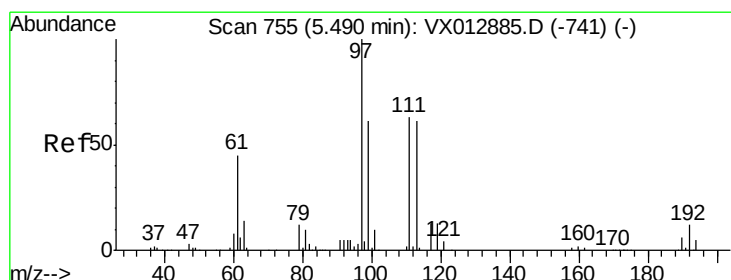
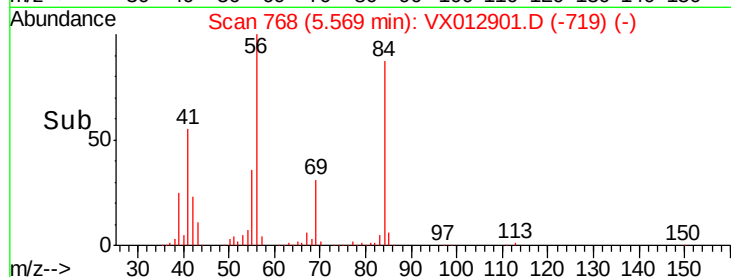
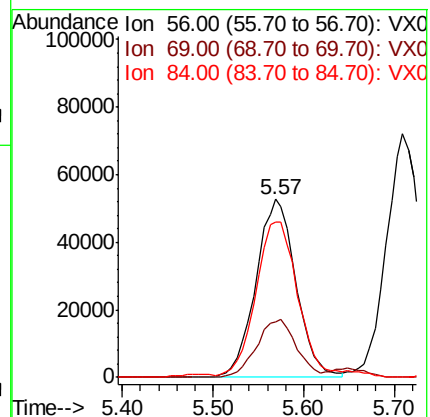
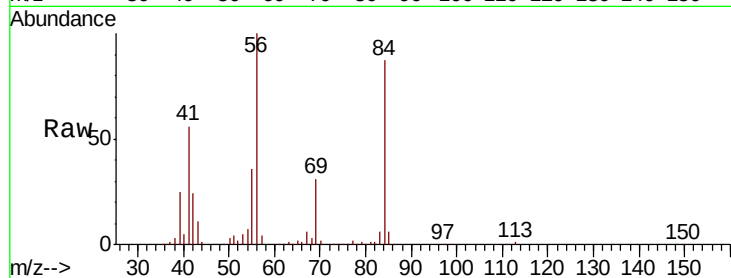
Tot Ion: 56 Resp: 160949

Ion Ratio Lower Upper

56 100

69 31.4 25.2 37.8

84 85.4 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 53.531 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

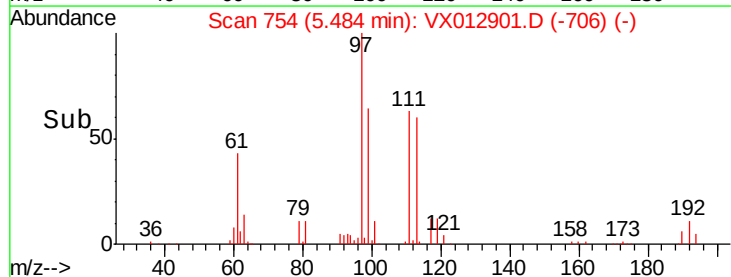
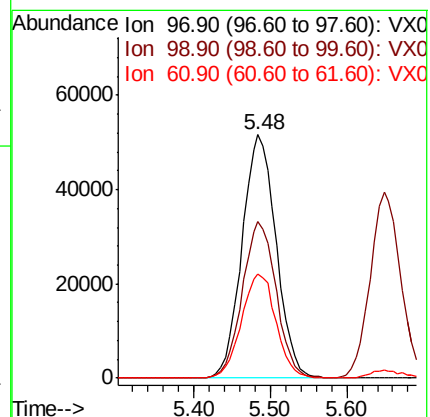
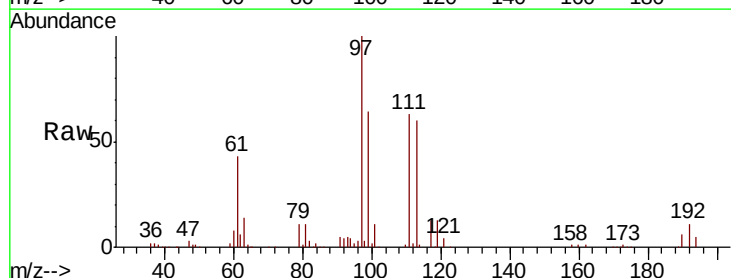
Tgt Ion: 97 Resp: 159621

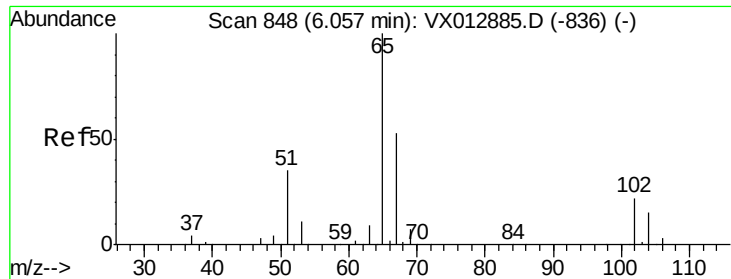
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 43.6 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 52.729 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

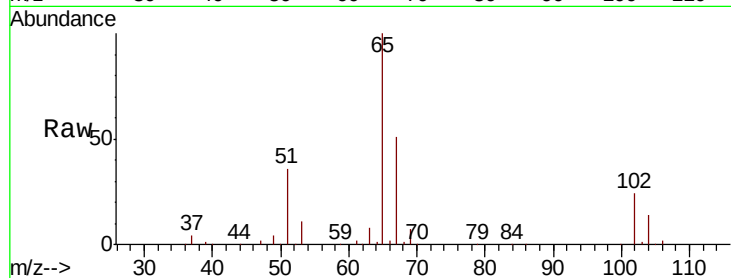
ClientSampleId :

Tot Ion: 65 Resp: 116511

Ion Ratio Lower Upper

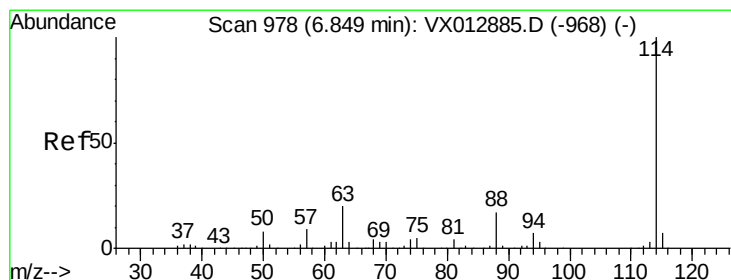
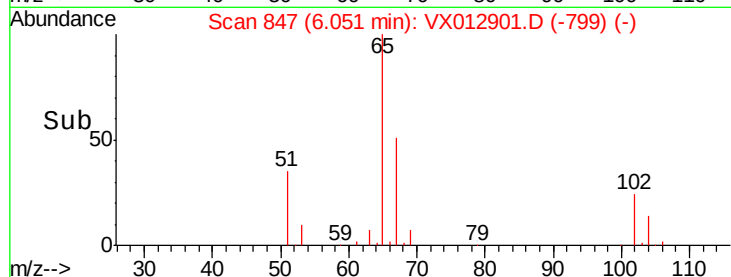
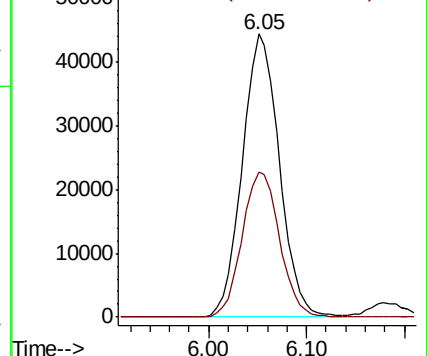
65 100

67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

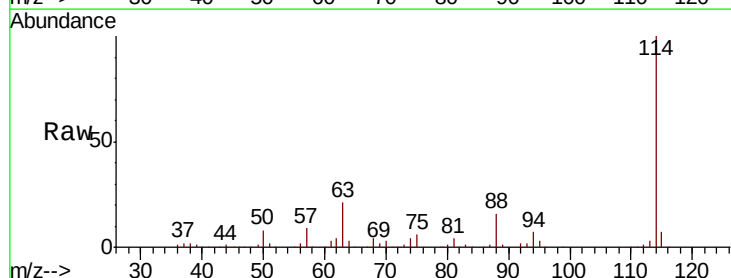
Tgt Ion: 114 Resp: 302862

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

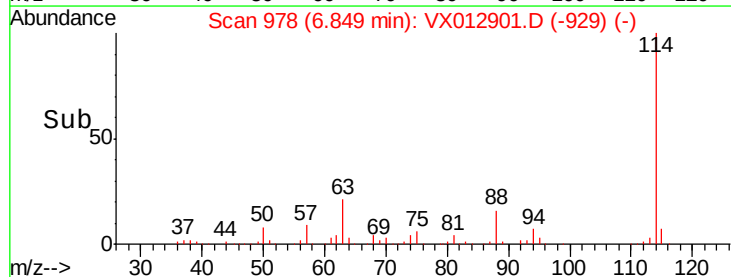
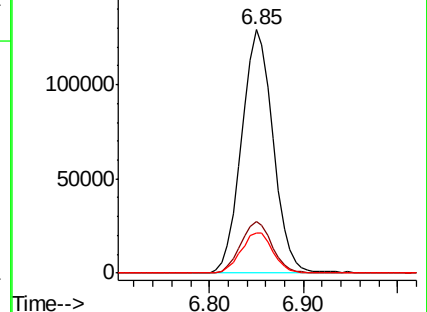
88 16.3 0.0 33.8

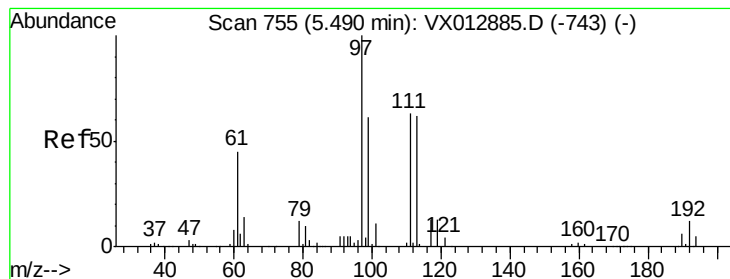


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.493 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

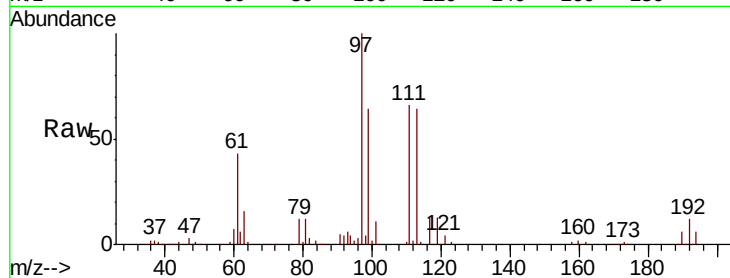
Tot Ion:113 Resp: 91247

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

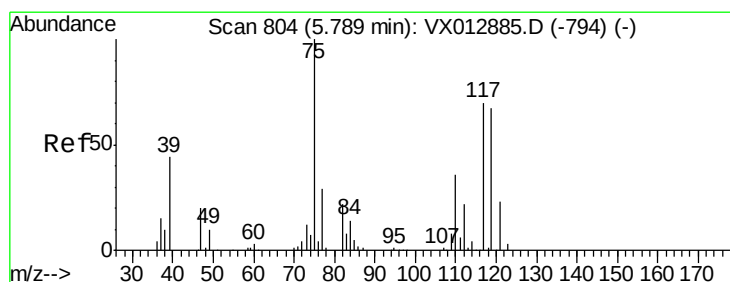
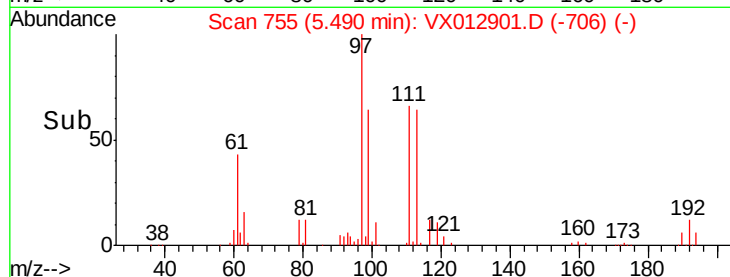
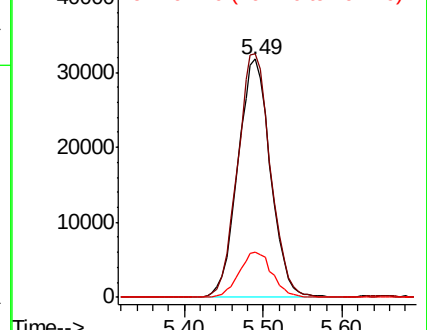
192 19.3 15.4 23.2



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: 50.994 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

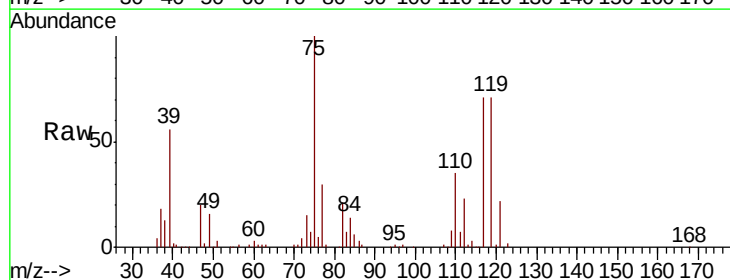
Tgt Ion: 75 Resp: 135786

Ion Ratio Lower Upper

75 100

110 35.8 17.6 52.9

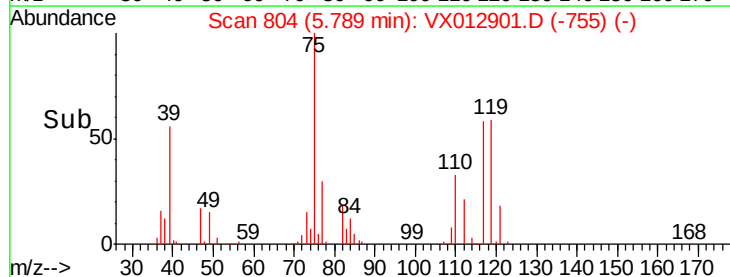
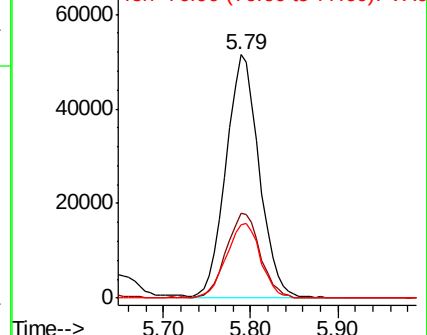
77 31.7 24.4 36.6

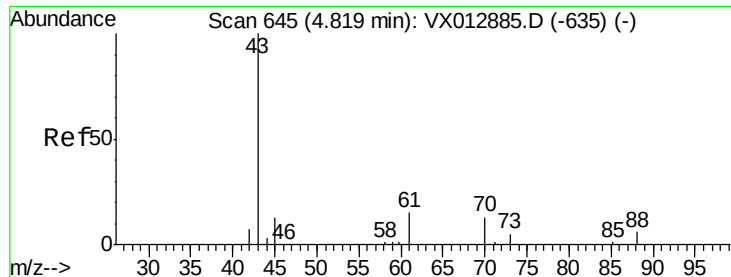


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.628 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

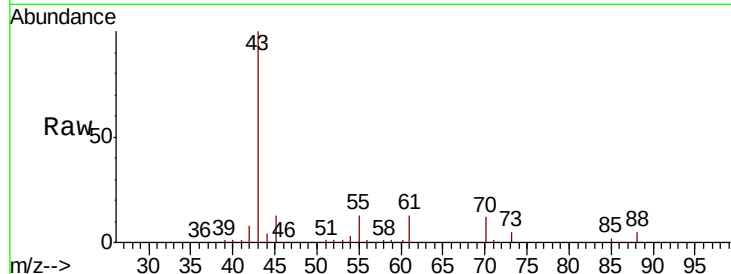
Tot Ion: 43 Resp: 150745

Ion Ratio Lower Upper

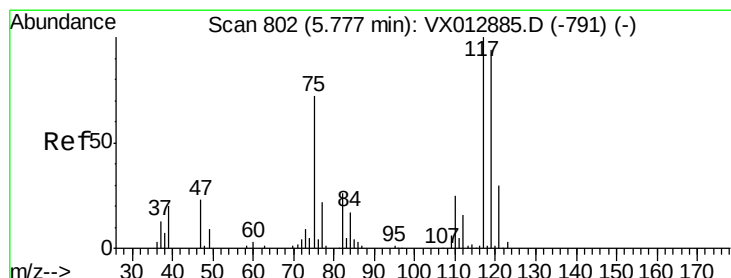
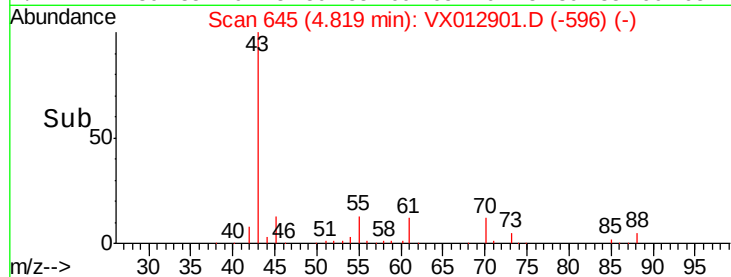
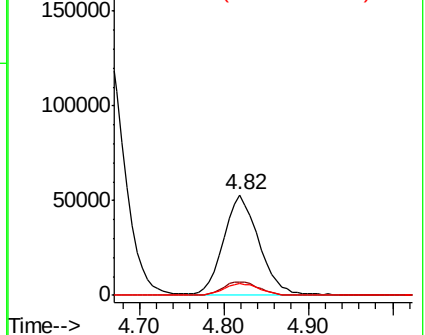
43 100

61 13.9 11.4 17.0

70 11.7 9.8 14.6



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



#38

Carbon Tetrachloride

Concen: 52.464 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

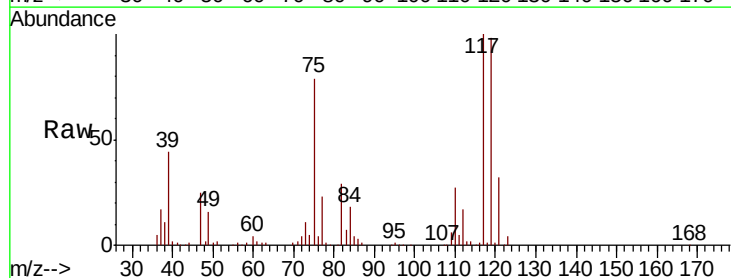
Tgt Ion: 117 Resp: 135975

Ion Ratio Lower Upper

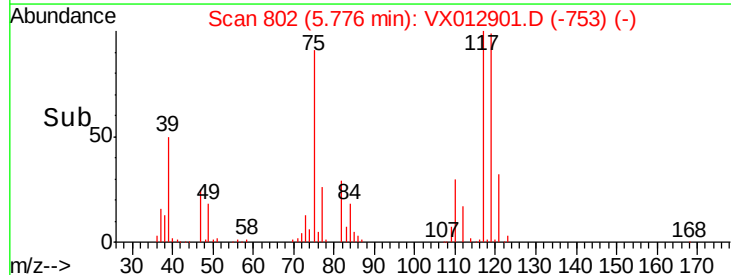
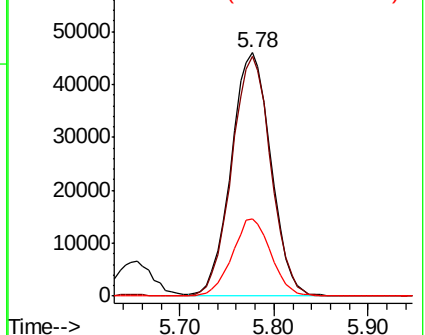
117 100

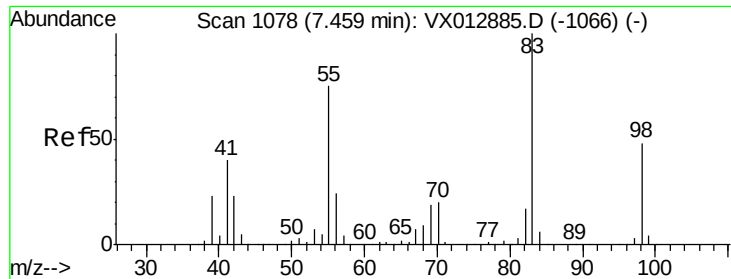
119 98.4 74.5 111.7

121 31.8 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

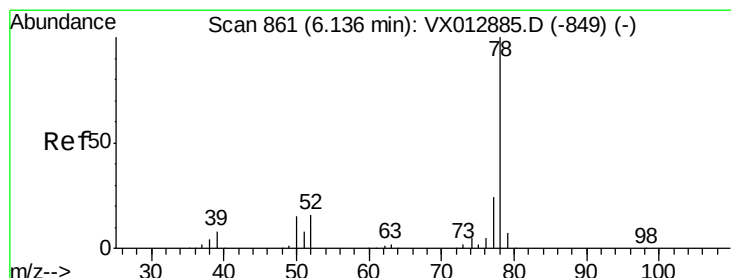
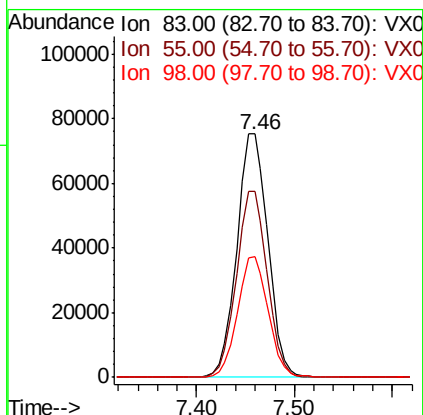
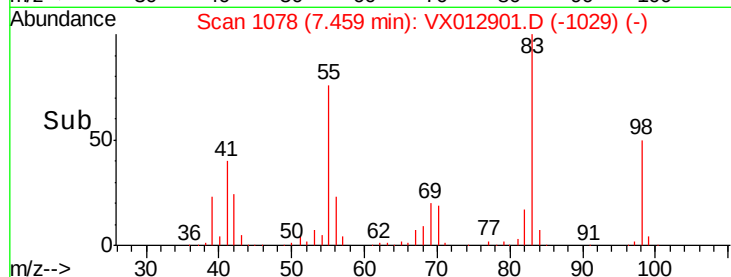
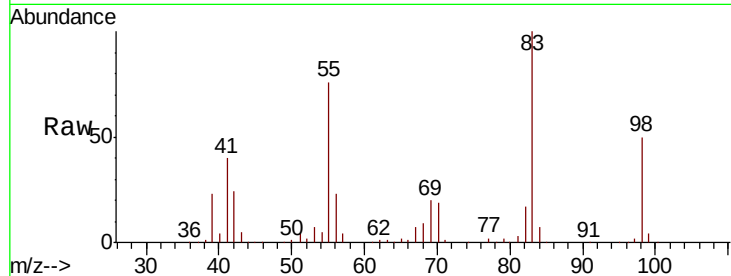




#39
Methylvlcyclohexane
Concen: 51.363 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

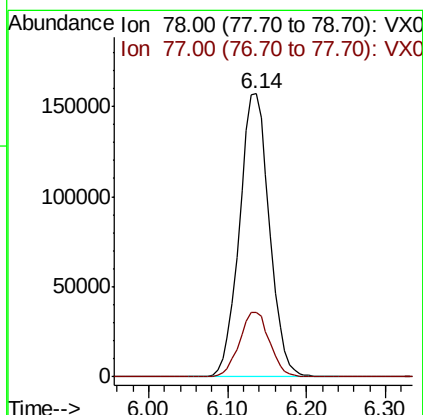
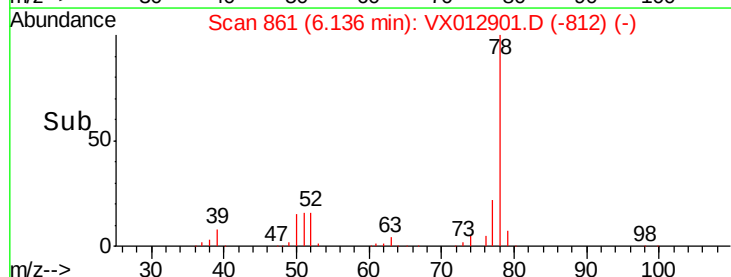
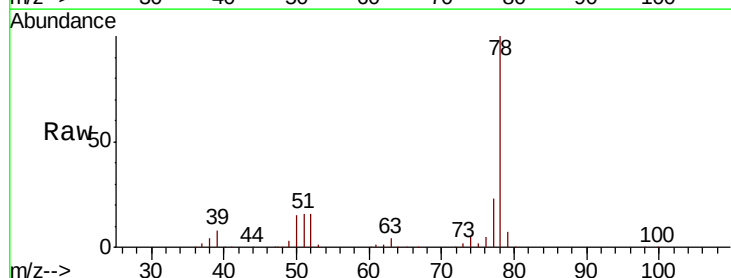
Instrument :
MSVOA_X
ClientSampled :

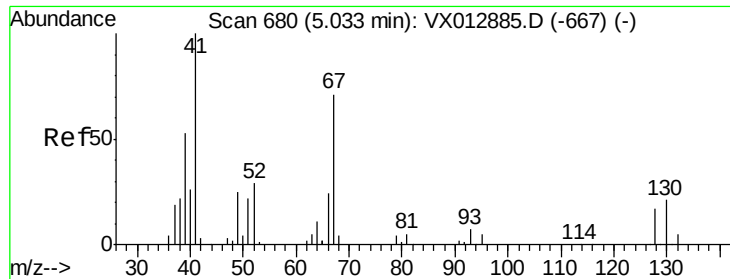
Tot Ion: 83 Resp: 165862
Ion Ratio Lower Upper
83 100
55 76.4 60.2 90.4
98 49.6 38.5 57.7



#40
Benzene
Concen: 52.821 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion: 78 Resp: 415416
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#41

Methacrylonitrile

Concen: 54.203 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 88681

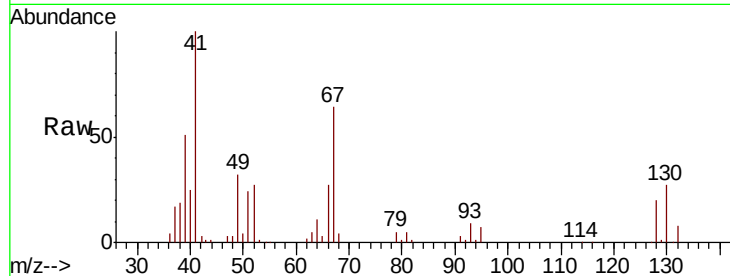
Ion Ratio Lower Upper

41 100

39 51.4 44.0 66.0

67 68.9 58.5 87.7

52 28.9 23.8 35.8

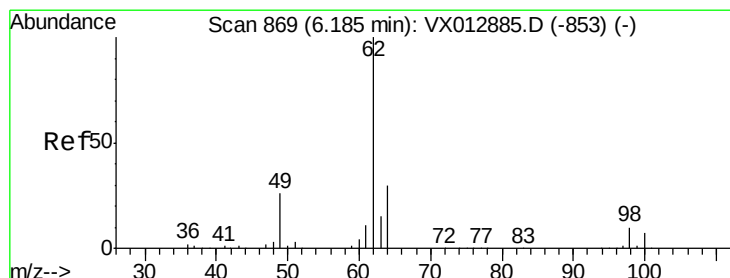
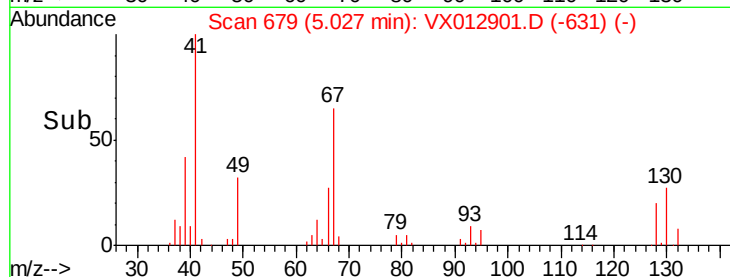
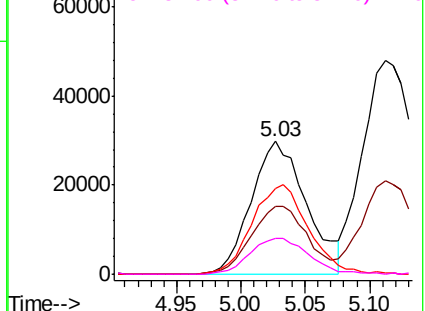


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.047 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012901.D

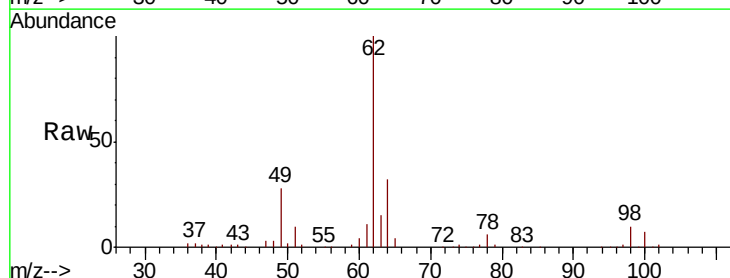
Acq: 08 Oct 2019 19:47

Tgt Ion: 62 Resp: 146877

Ion Ratio Lower Upper

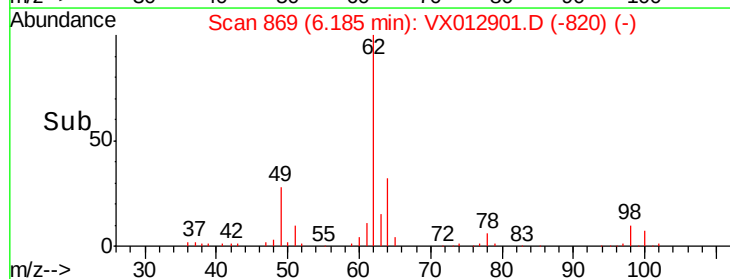
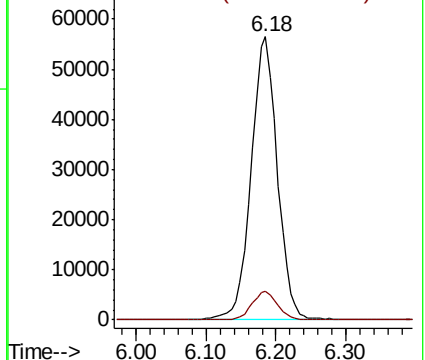
62 100

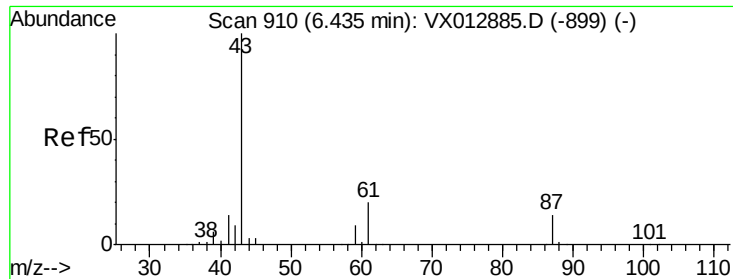
98 9.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.041 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

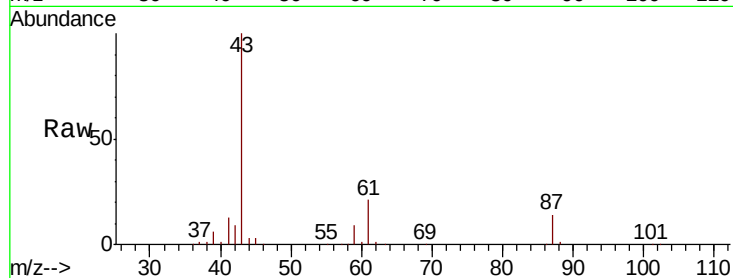
Tot Ion: 43 Resp: 248702

Ion Ratio Lower Upper

43 100

61 20.8 16.6 24.8

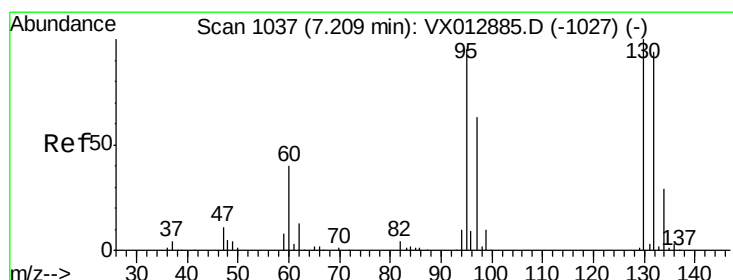
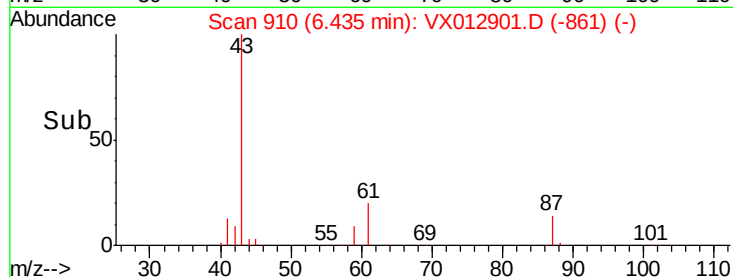
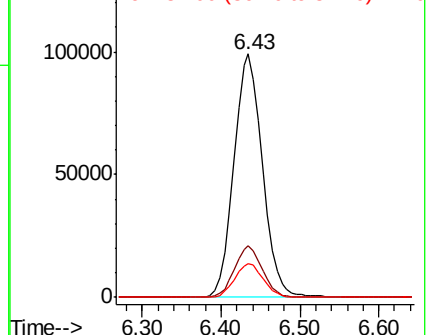
87 13.9 11.0 16.6



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: 49.095 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012901.D

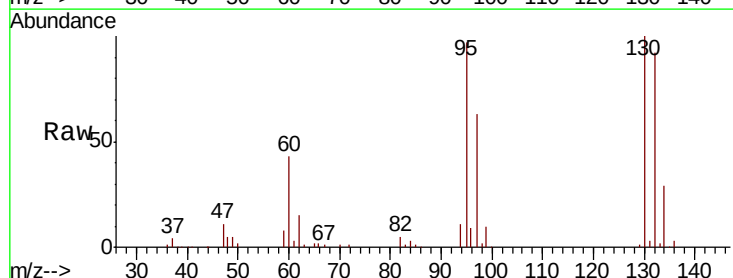
Acq: 08 Oct 2019 19:47

Tgt Ion:130 Resp: 107069

Ion Ratio Lower Upper

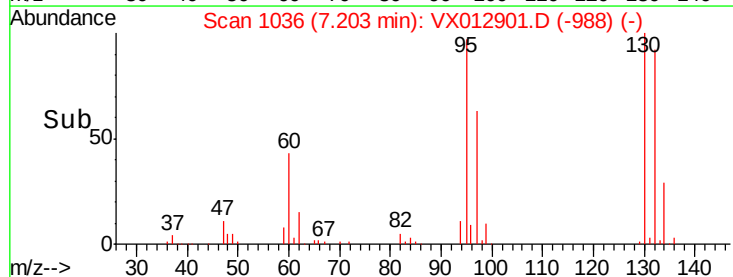
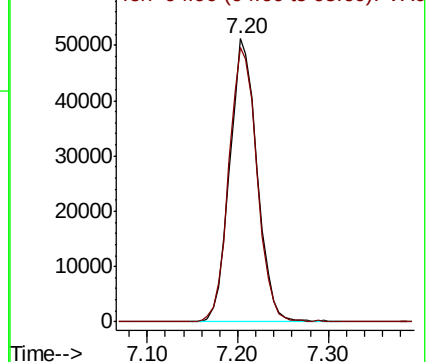
130 100

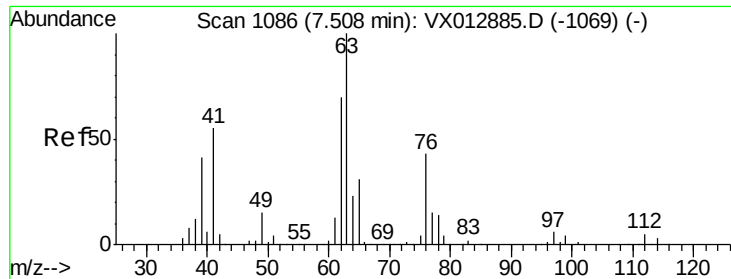
95 96.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

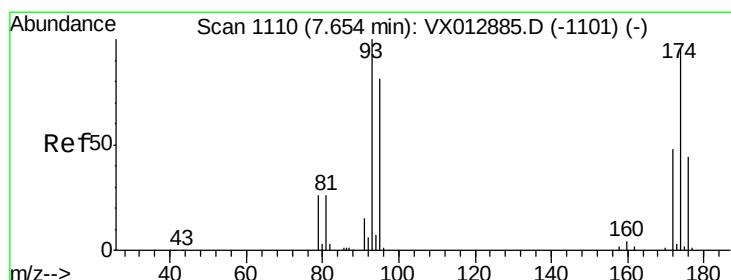
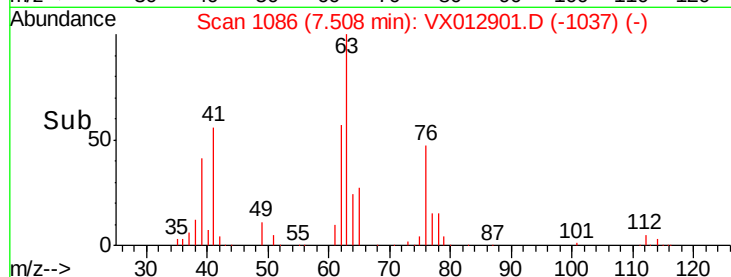
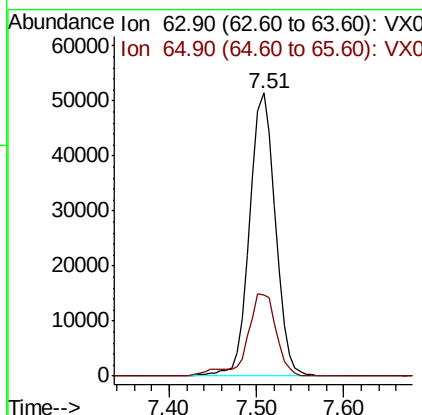
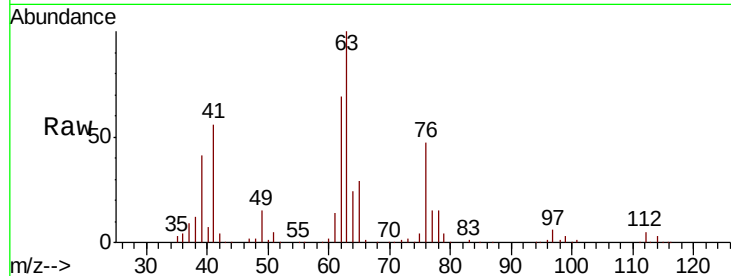




#45
 1,2-Dichloropropane
 Concen: 52.641 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

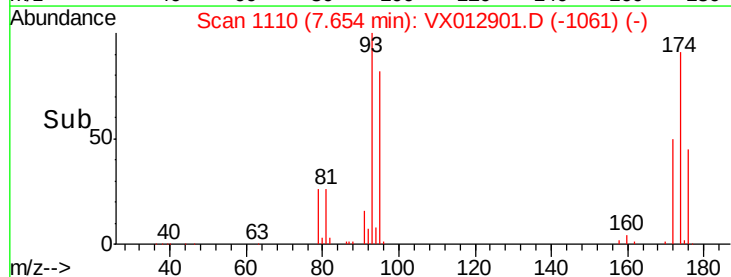
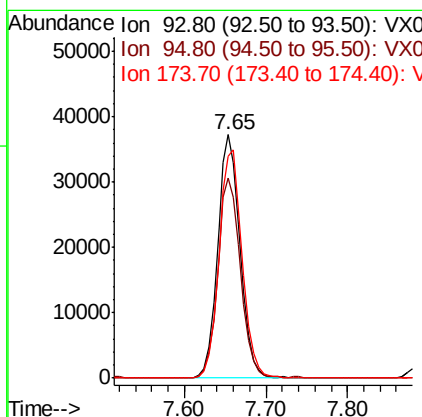
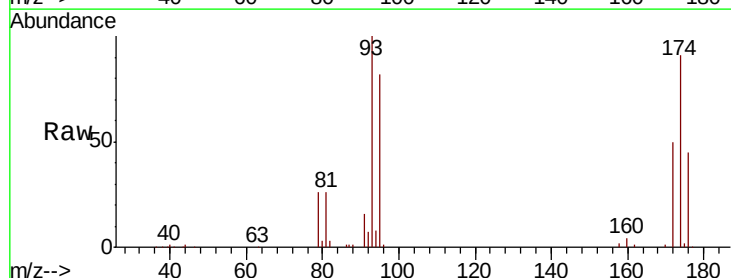
Instrument :
 MSVOA_X
 ClientSampleId :

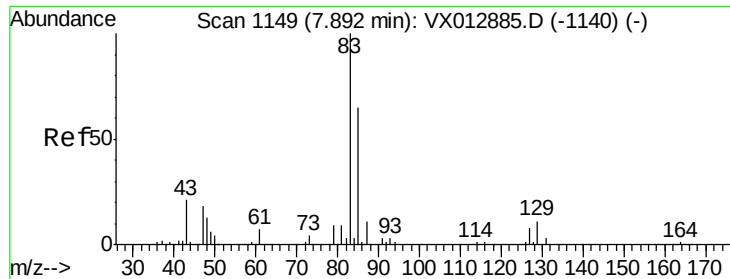
Tot Ion: 63 Resp: 105514
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.6 37.0



#46
 Dibromomethane
 Concen: 53.064 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 93 Resp: 70864
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.3 99.5
 174 96.4 77.8 116.6





#47

Bromodichloromethane

Concen: 53.557 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

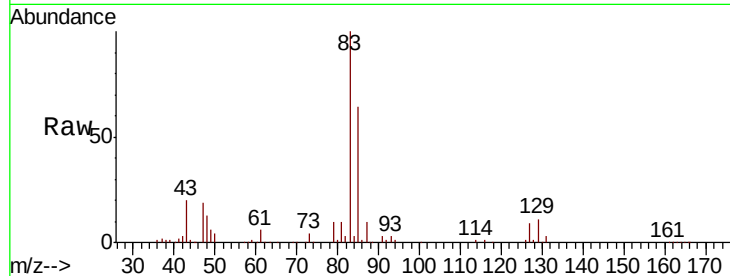
Tot Ion: 83 Resp: 139578

Ion Ratio Lower Upper

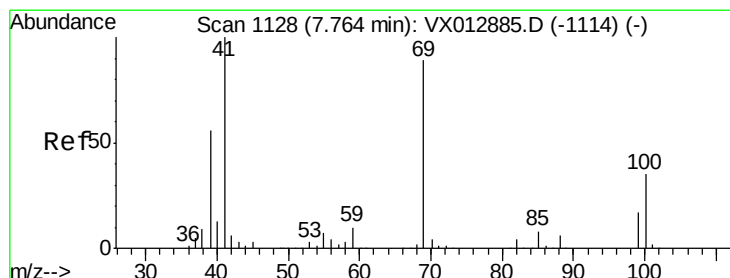
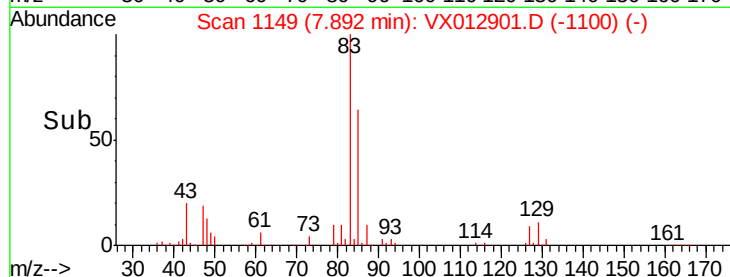
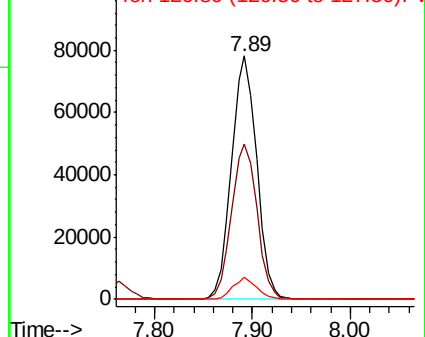
83 100

85 64.0 52.4 78.6

127 8.9 6.6 10.0



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



#48

Methyl methacrylate

Concen: 52.883 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

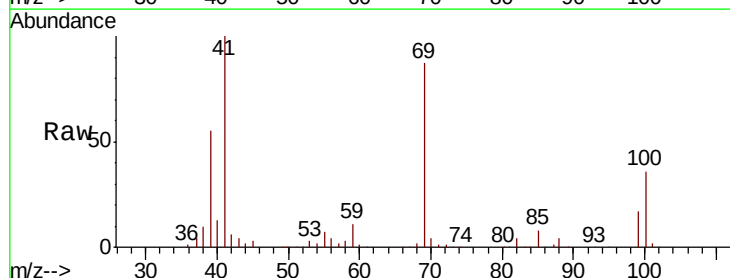
Tgt Ion: 41 Resp: 123157

Ion Ratio Lower Upper

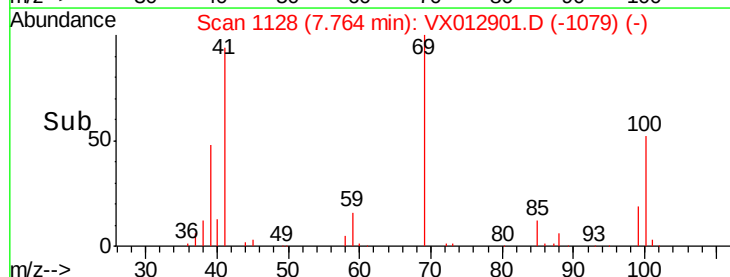
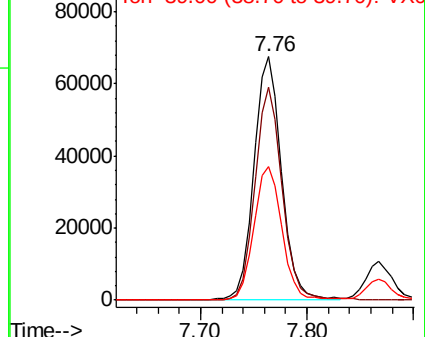
41 100

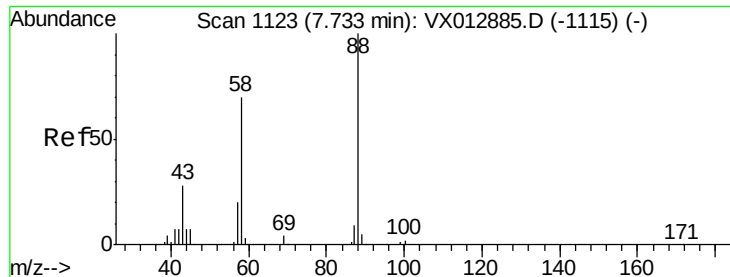
69 86.2 68.7 103.1

39 55.6 44.3 66.5



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: 893.899 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

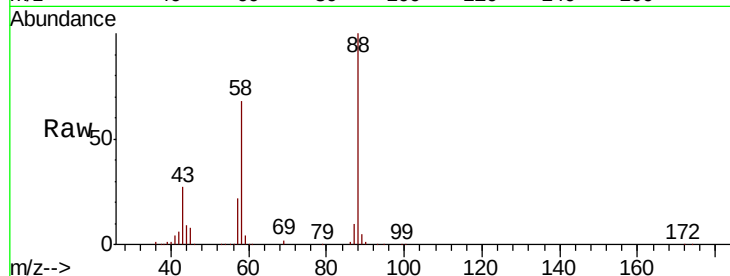
Tot Ion: 88 Resp: 55624

Ion Ratio Lower Upper

88 100

43 33.1 25.0 37.6

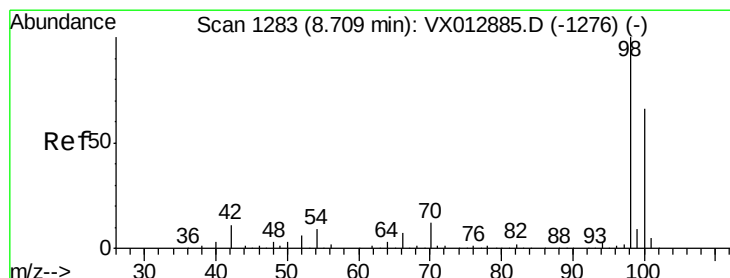
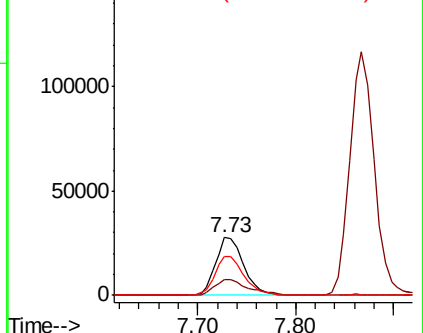
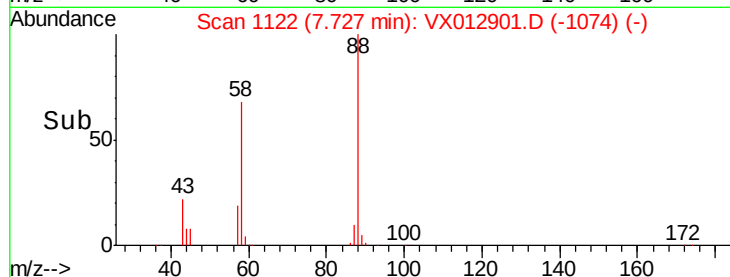
58 69.5 55.4 83.2



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: 51.737 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012901.D

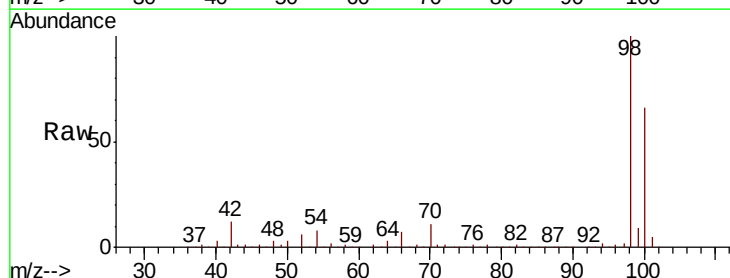
Acq: 08 Oct 2019 19:47

Tgt Ion: 98 Resp: 350760

Ion Ratio Lower Upper

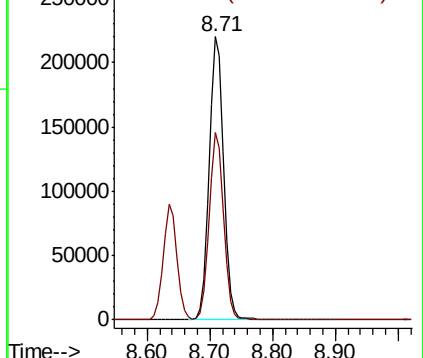
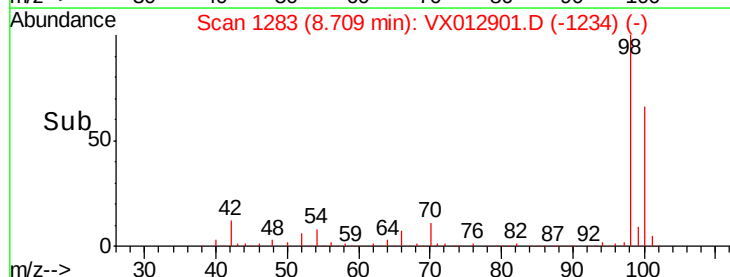
98 100

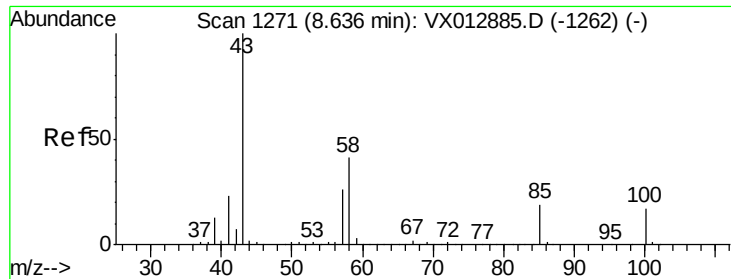
100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 262.691 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

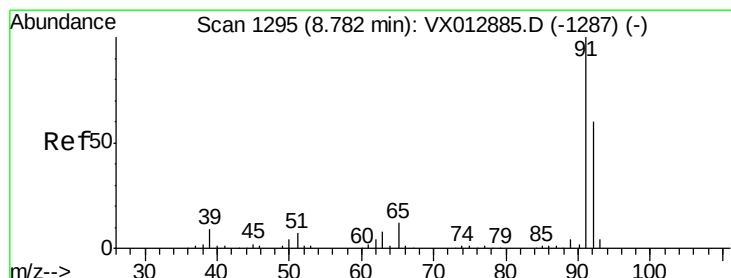
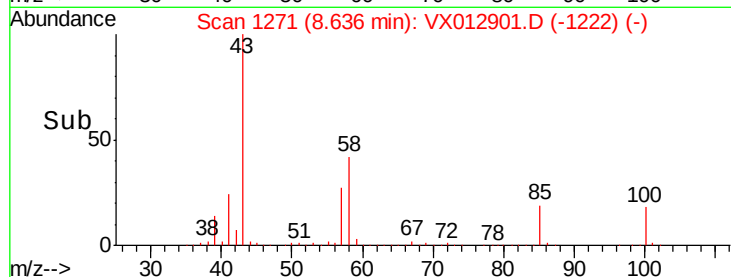
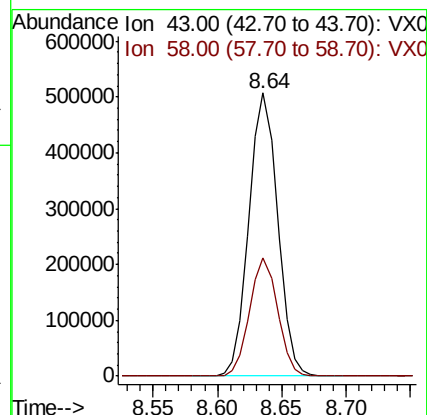
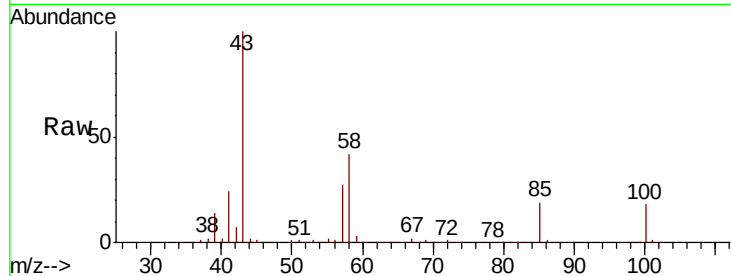
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 782710

Ion Ratio Lower Upper

43 100

58 40.7 32.4 48.6



#52

Toluene

Concen: 52.428 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012901.D

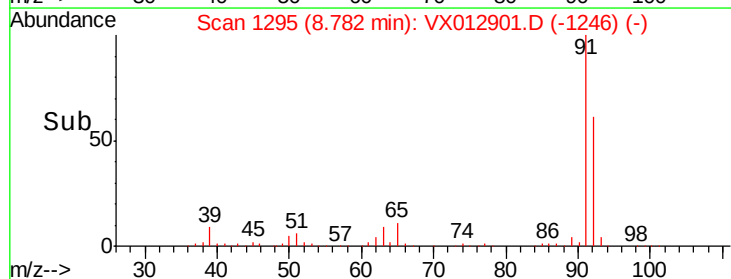
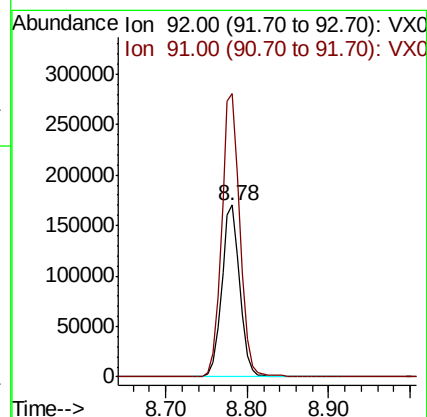
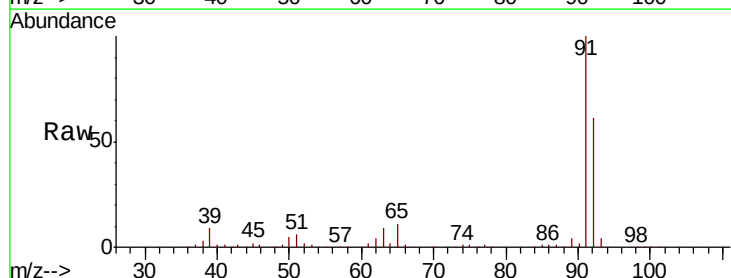
Acq: 08 Oct 2019 19:47

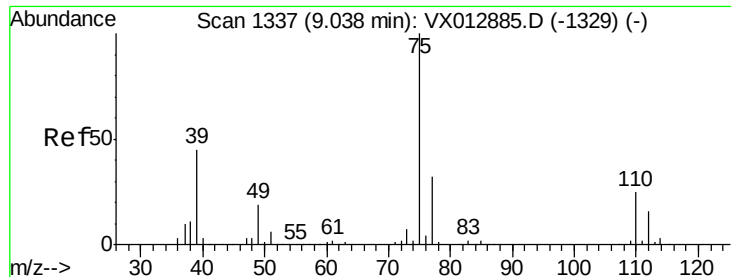
Tgt Ion: 92 Resp: 263787

Ion Ratio Lower Upper

92 100

91 167.2 135.9 203.9

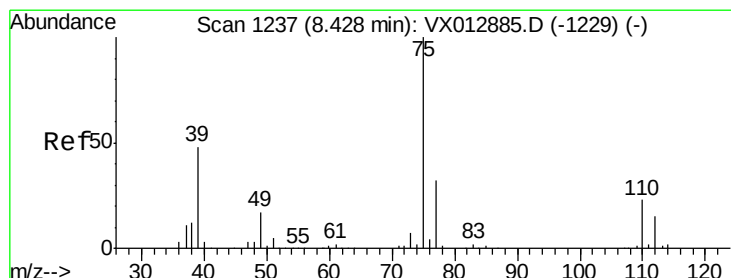
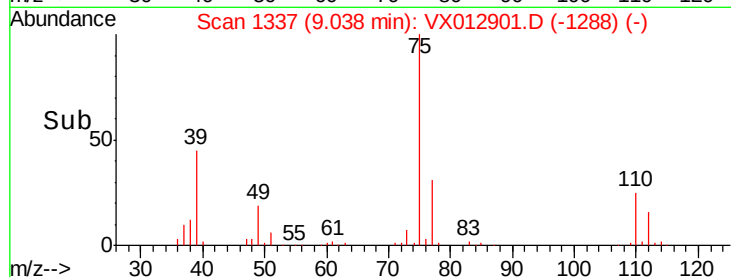
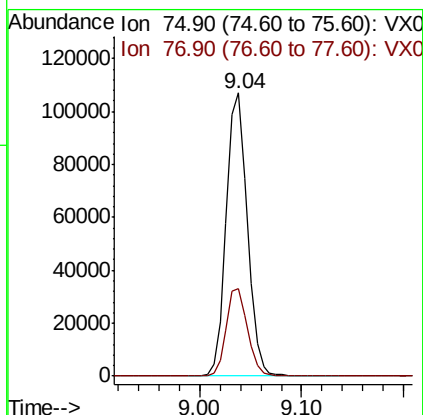
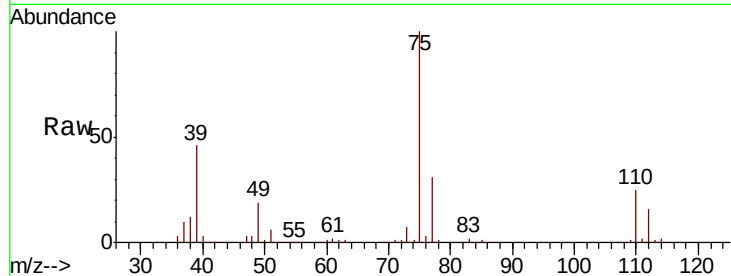




#53
t-1,3-Dichloropropene
Concen: 47.278 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

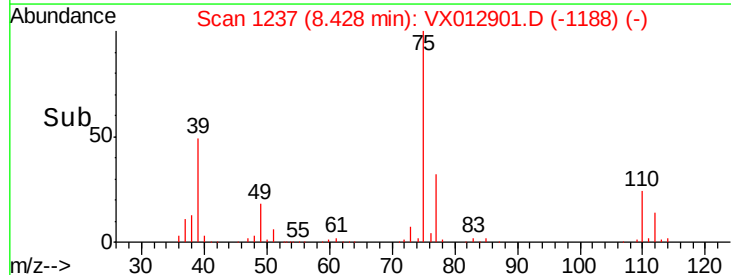
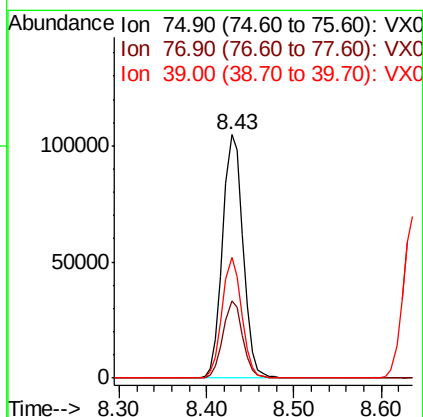
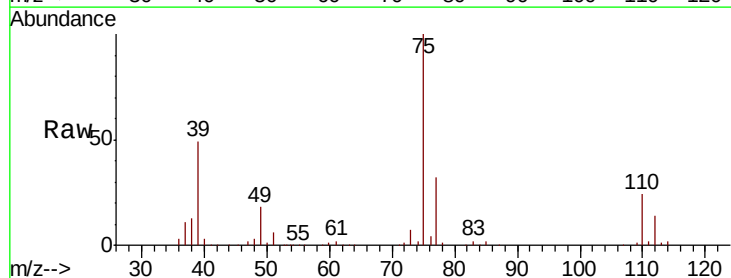
Instrument :
MSVOA_X
ClientSampleId :

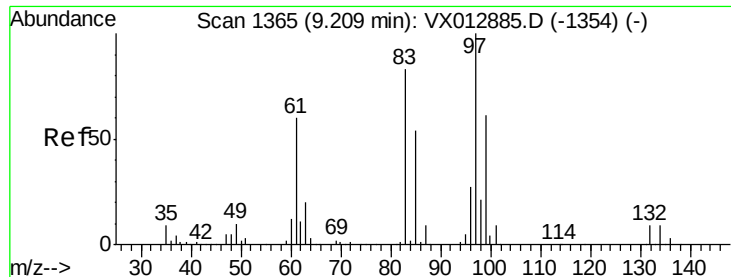
Tot Ion: 75 Resp: 153364
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 52.965 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion: 75 Resp: 169773
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 49.3 38.2 57.2

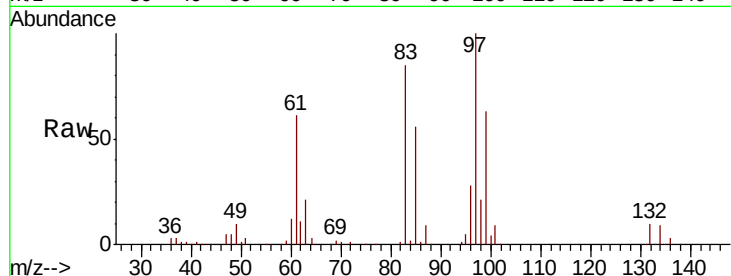




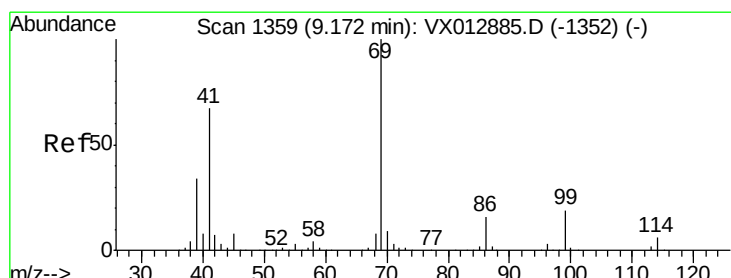
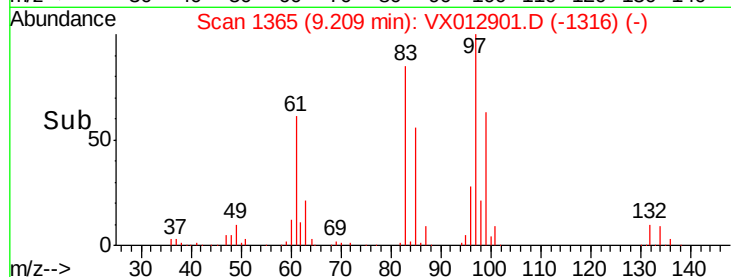
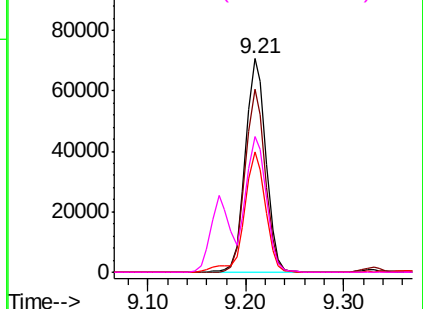
#55
 1,1,2-Trichloroethane
 Concen: 51.991 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	103521
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.5	99.7
85	56.3	43.1	64.7
99	63.4	49.2	73.8

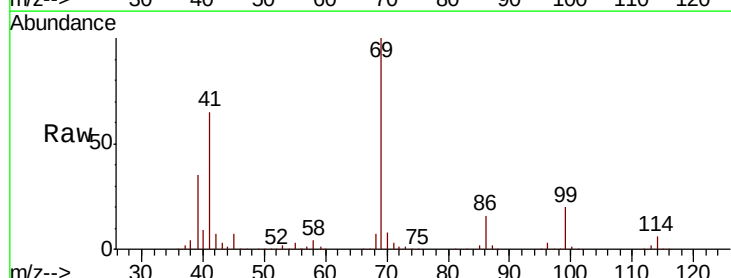


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

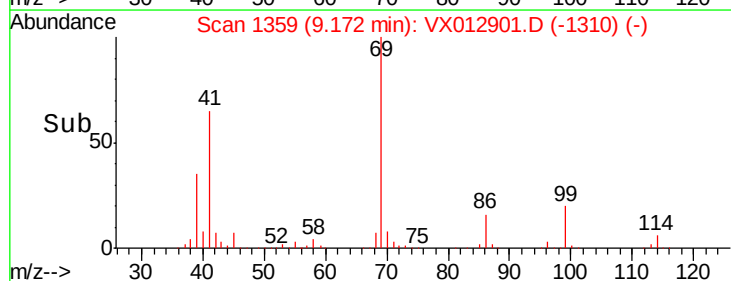
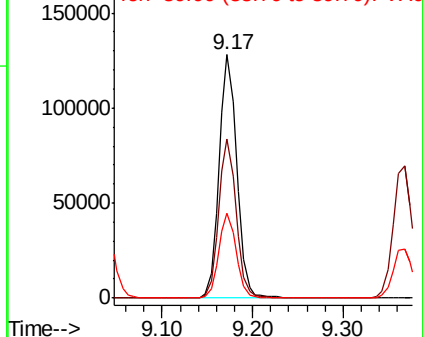


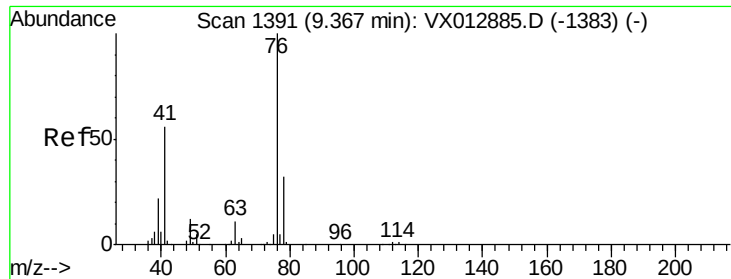
#56
 Ethyl methacrylate
 Concen: 49.257 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion:	69	Resp:	175526
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.1	78.1
39	34.5	27.8	41.8



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

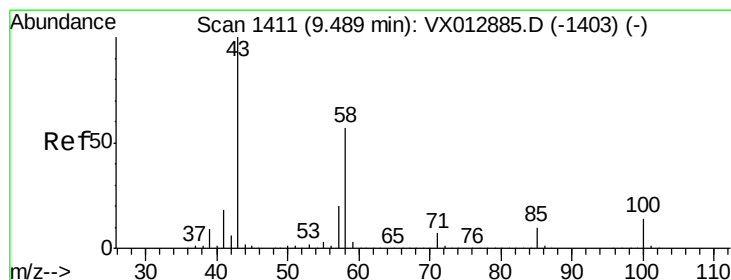
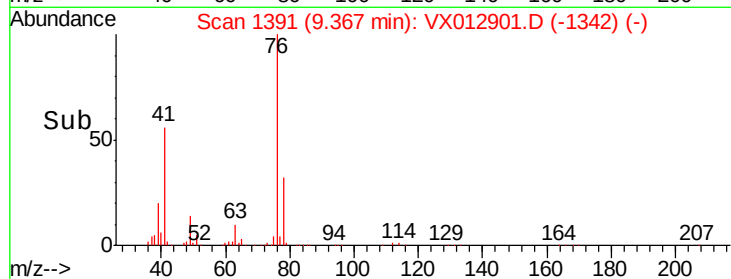
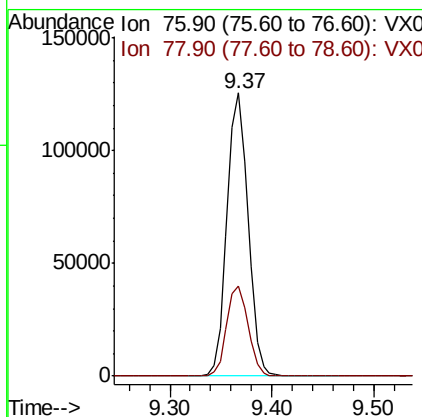
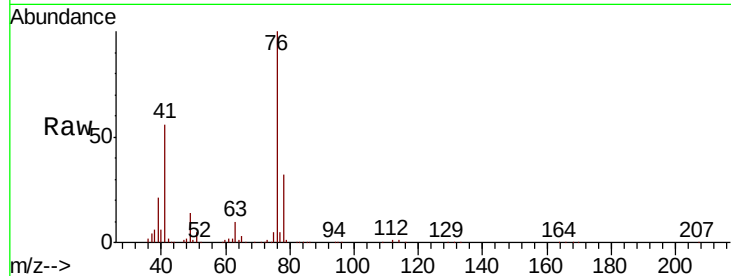




#57
 1,3-Dichloropropane
 Concen: 52.211 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

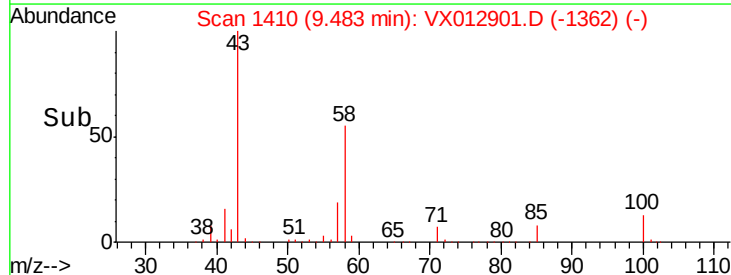
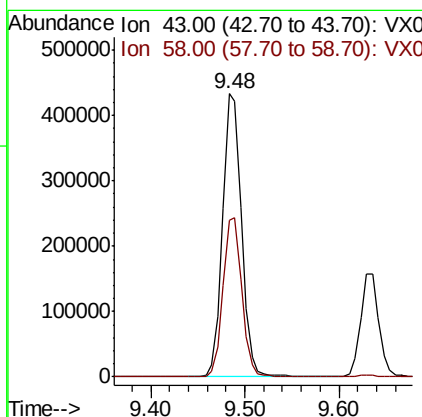
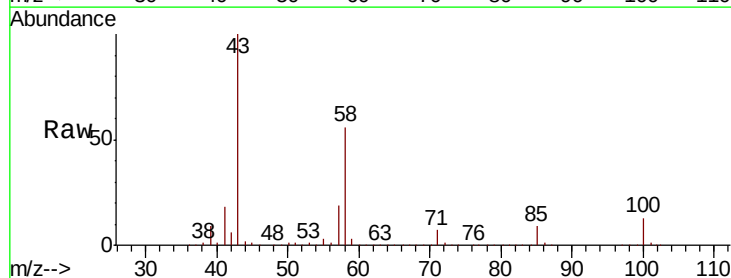
Instrument :
 MSVOA_X
 ClientSampleID :

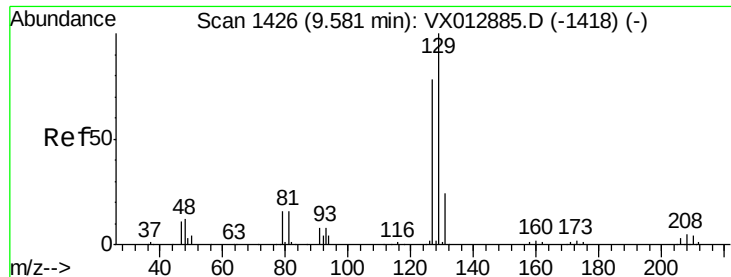
Tot Ion: 76 Resp: 179832
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#59
 2-Hexanone
 Concen: 260.137 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 43 Resp: 603366
 Ion Ratio Lower Upper
 43 100
 58 56.2 28.1 84.3





#60

Dibromochloromethane

Concen: 48.134 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

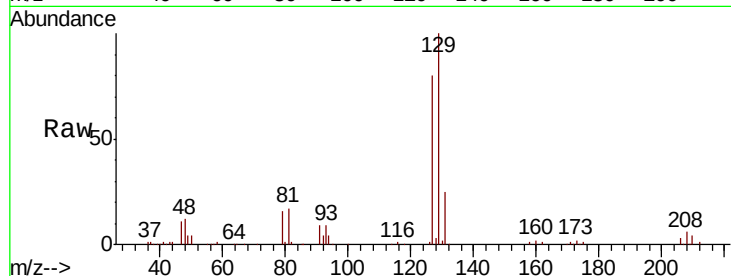
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 106495

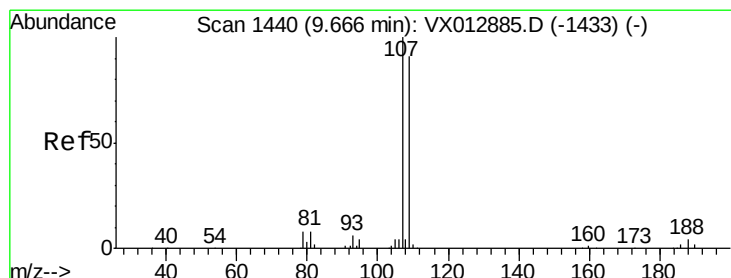
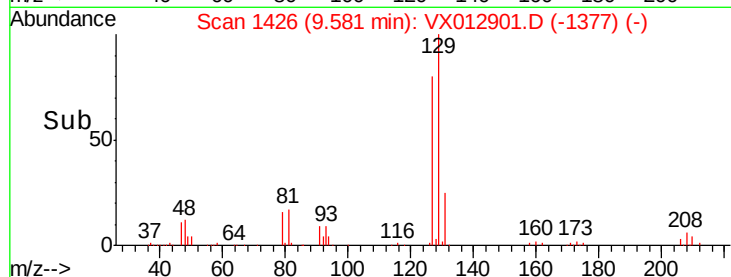
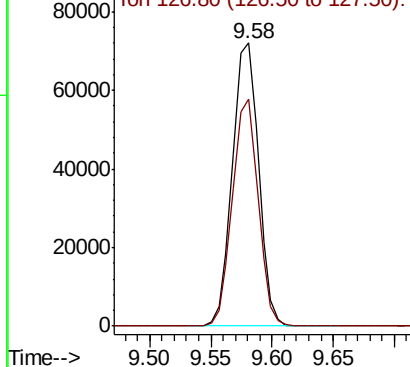
Ion Ratio Lower Upper

129 100

127 79.0 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.239 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012901.D

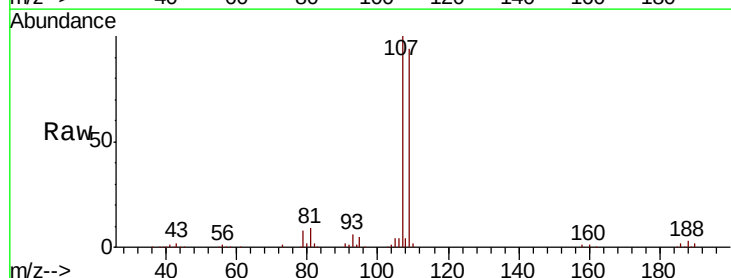
Acq: 08 Oct 2019 19:47

Tgt Ion:107 Resp: 109419

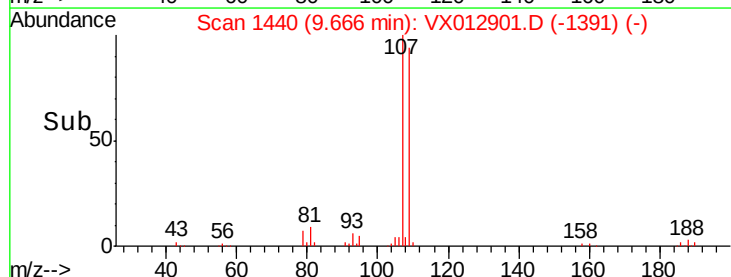
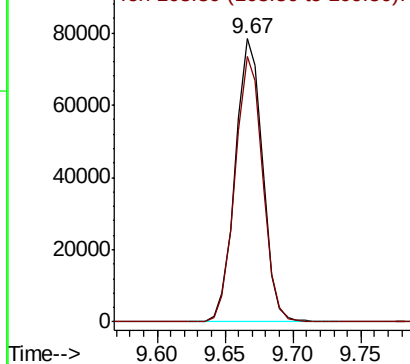
Ion Ratio Lower Upper

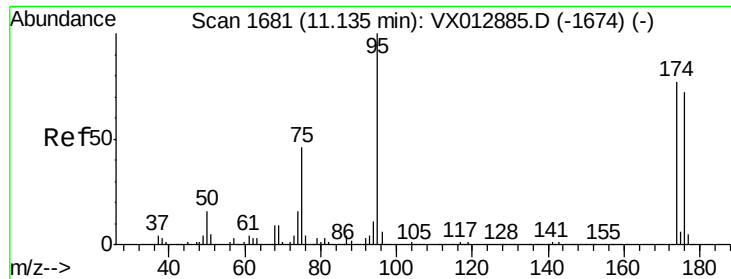
107 100

109 94.4 75.8 113.6



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





#62

4-Bromofluorobenzene

Concen: 50.711 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

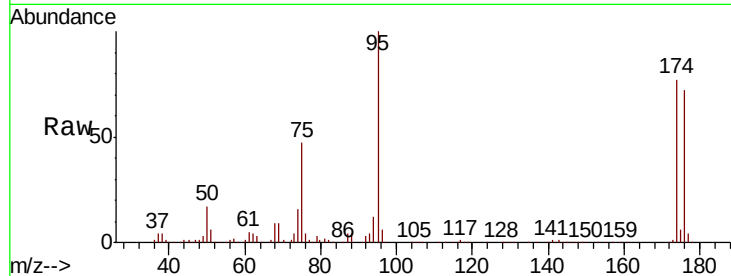
Tot Ion: 95 Resp: 133588

Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.4

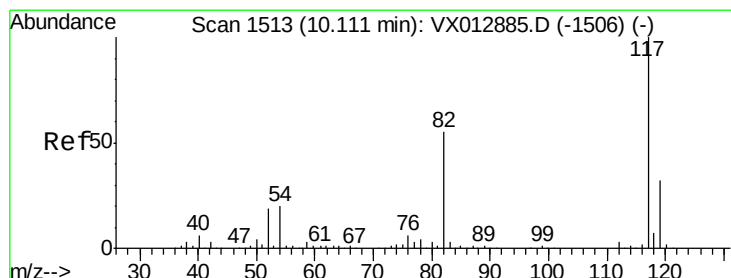
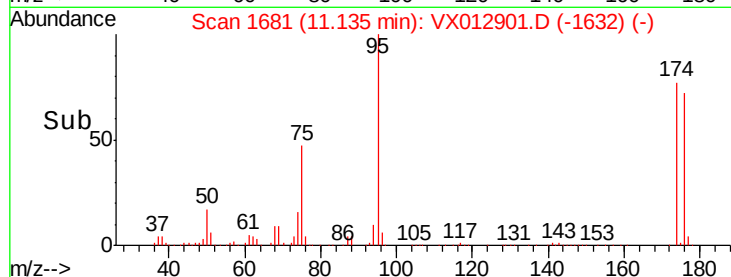
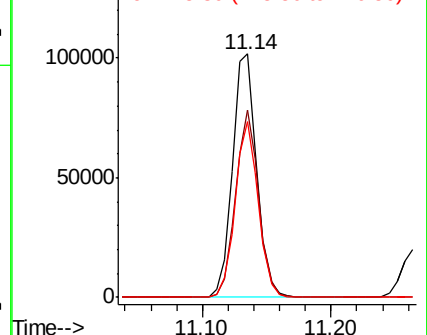
176 68.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

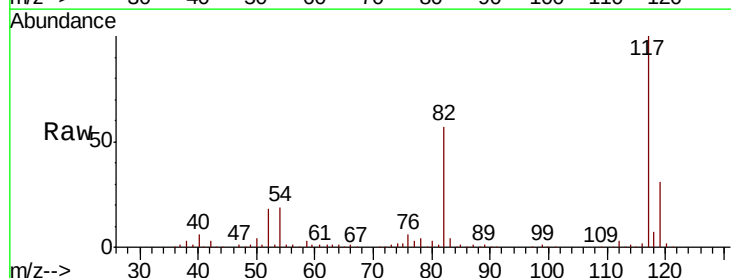
Tgt Ion: 117 Resp: 273100

Ion Ratio Lower Upper

117 100

82 56.6 44.1 66.1

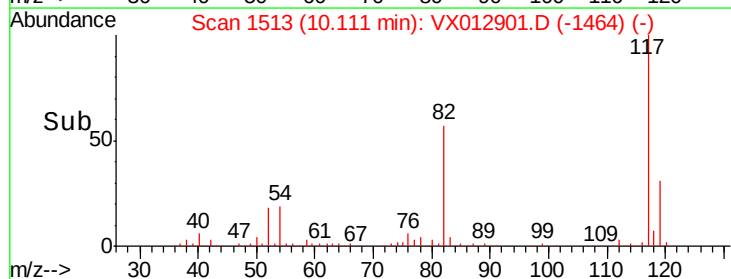
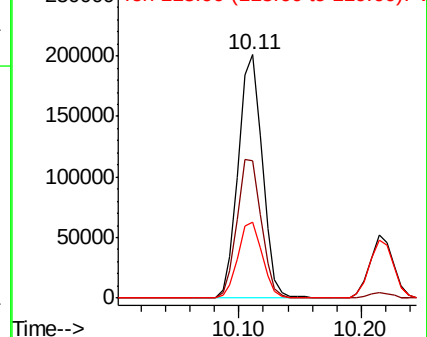
119 31.3 25.8 38.8

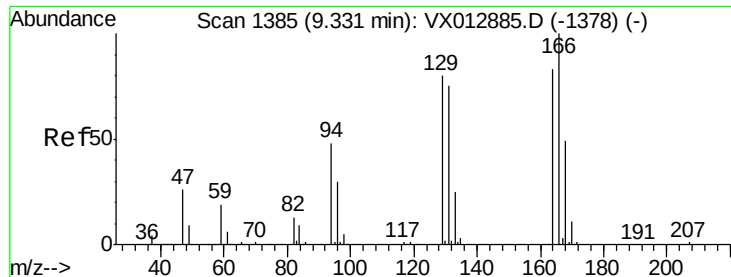


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

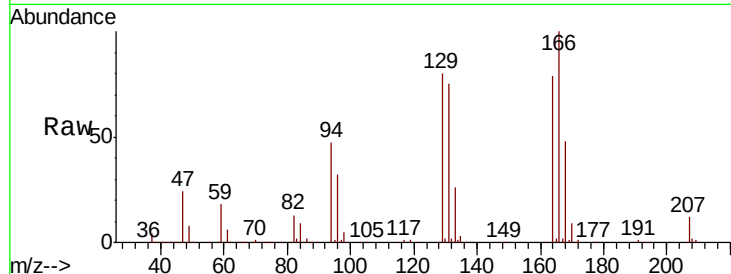




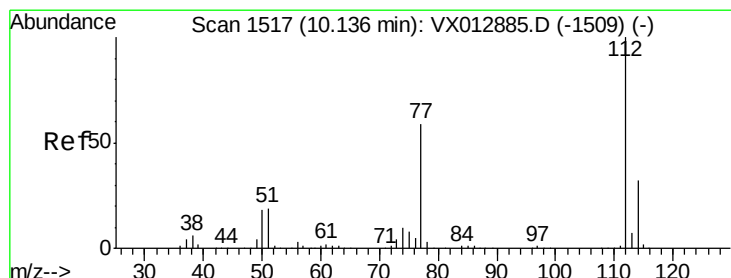
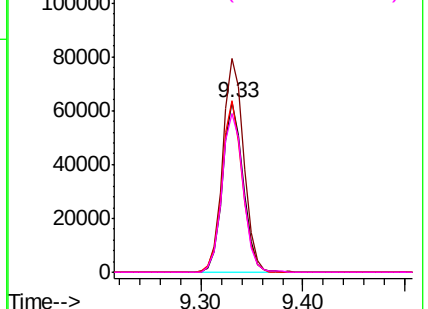
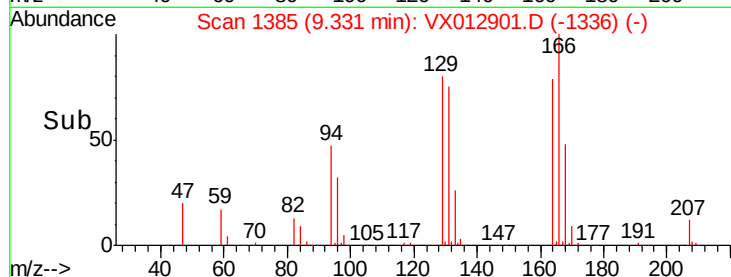
#64
Tetrachloroethene
Concen: 46.825 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 88696
Ion Ratio Lower Upper
164 100
166 125.9 96.9 145.3
129 101.3 77.9 116.9
131 93.8 72.7 109.1

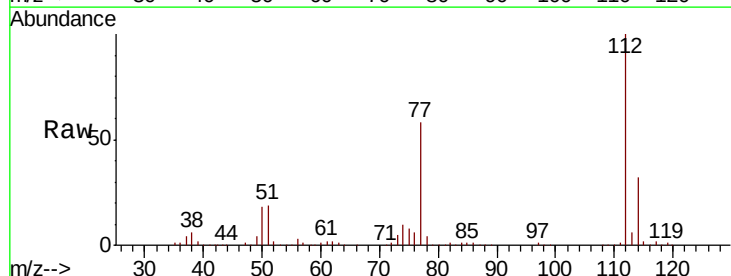


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

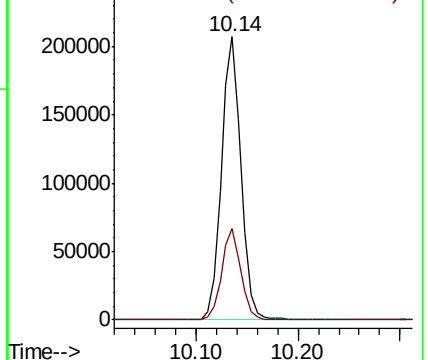
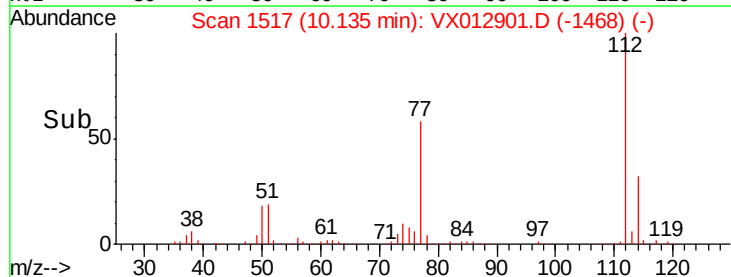


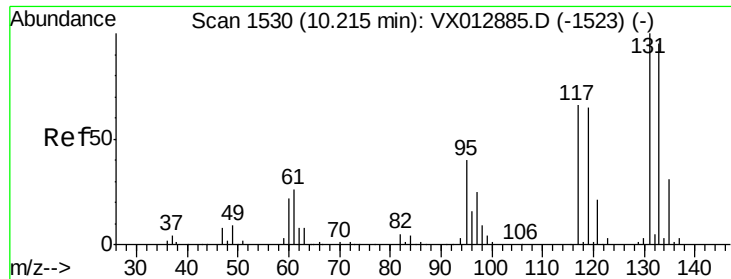
#65
Chlorobenzene
Concen: 50.602 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion:112 Resp: 274433
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



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

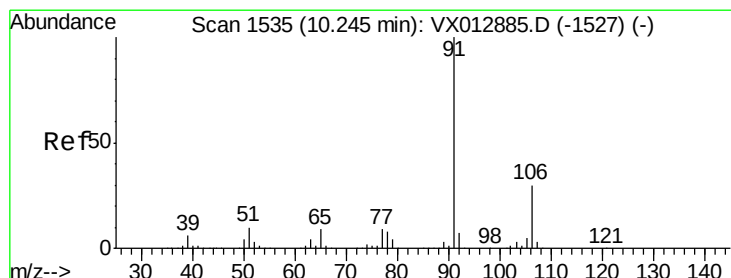
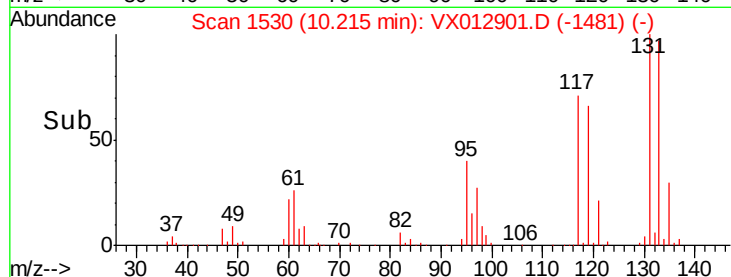
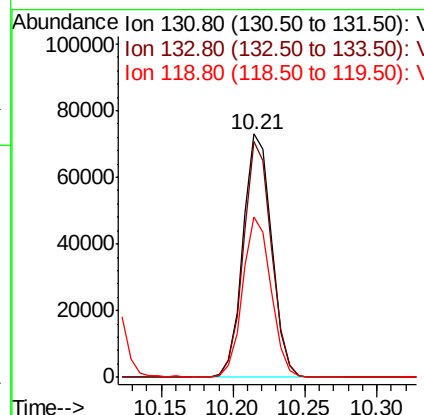
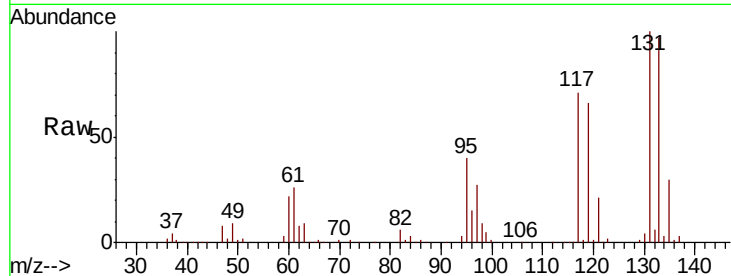




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.432 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

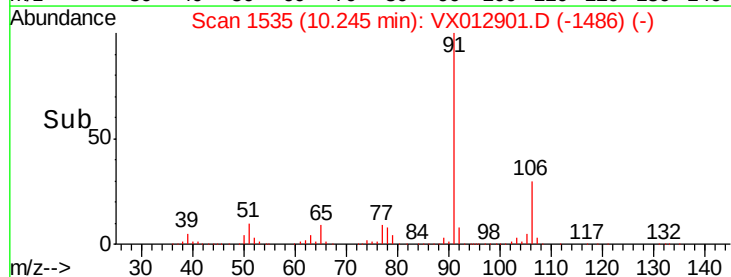
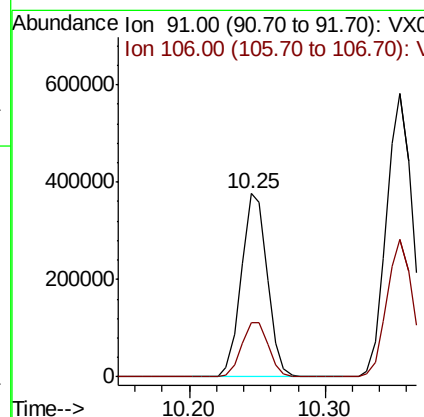
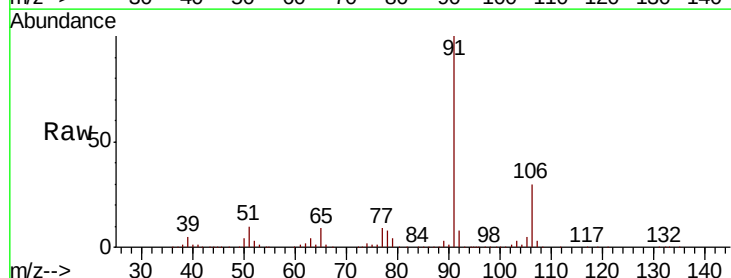
Instrument :
 MSVOA_X
 ClientSampleId :

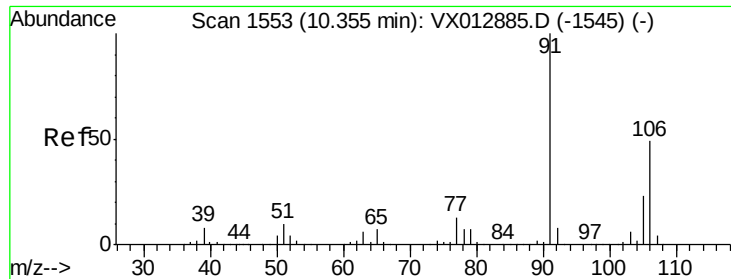
Tot Ion:131 Resp: 100473
 Ion Ratio Lower Upper
 131 100
 133 94.8 47.2 141.6
 119 65.1 32.6 98.0



#67
 Ethyl Benzene
 Concen: 52.078 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 91 Resp: 501687
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.9 35.9

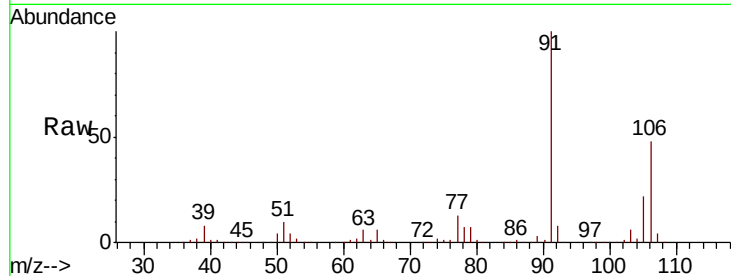




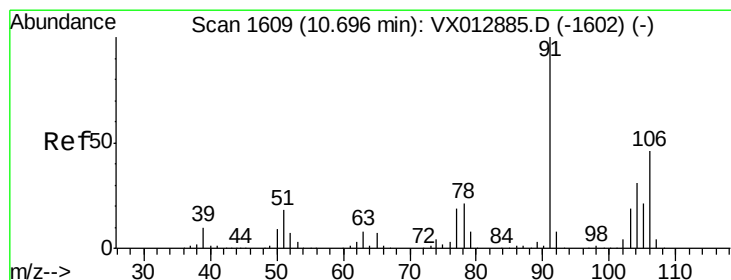
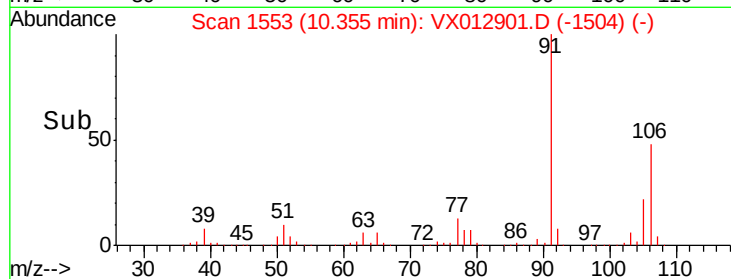
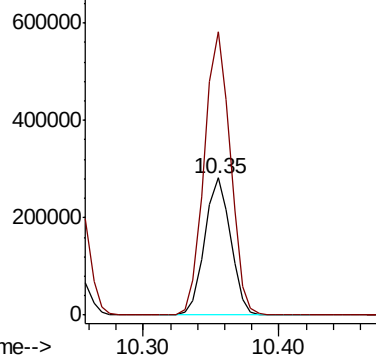
#68
m/p-Xylenes
Concen: 104.581 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 376374
Ion Ratio Lower Upper
106 100
91 207.1 165.3 247.9

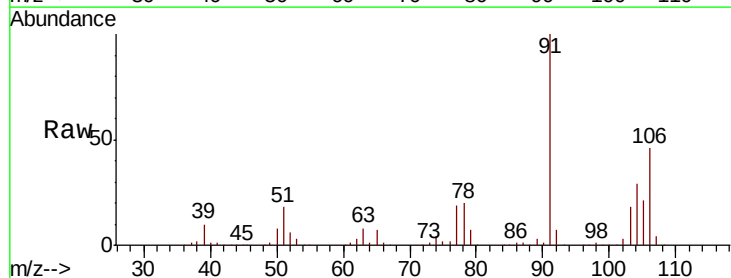


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

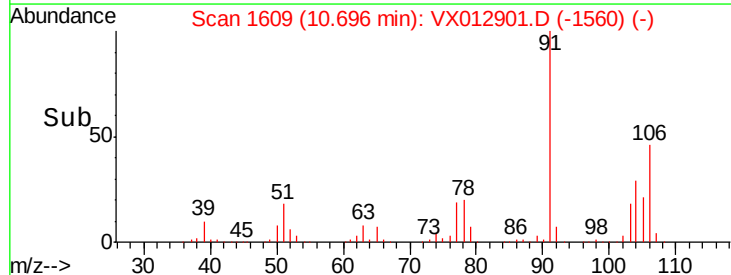
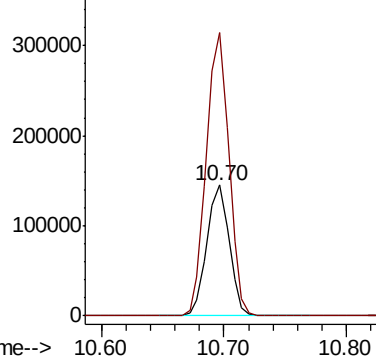


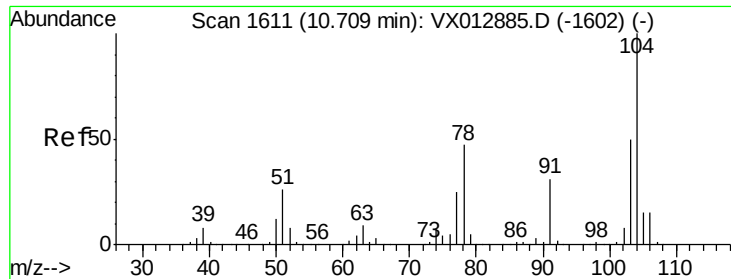
#69
o-Xylene
Concen: 52.156 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion:106 Resp: 183042
Ion Ratio Lower Upper
106 100
91 219.6 109.1 327.3



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

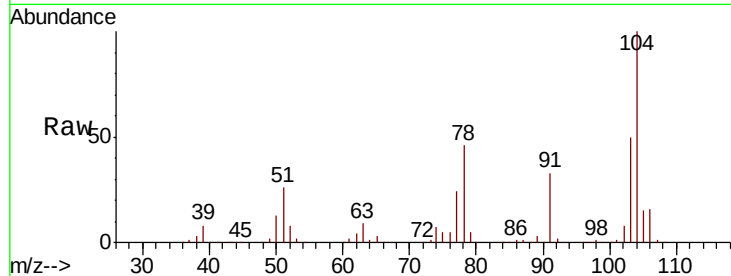




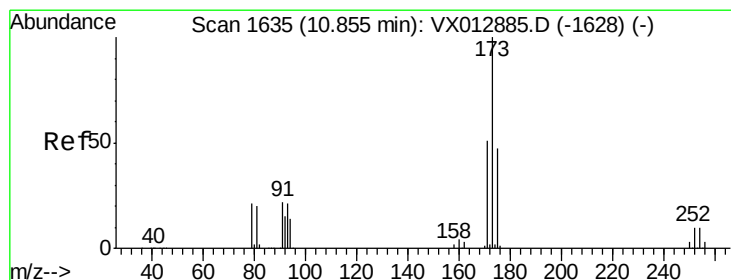
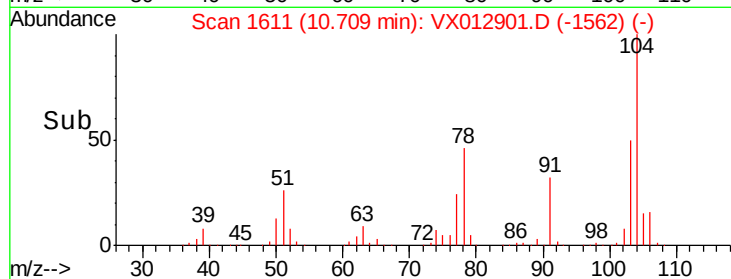
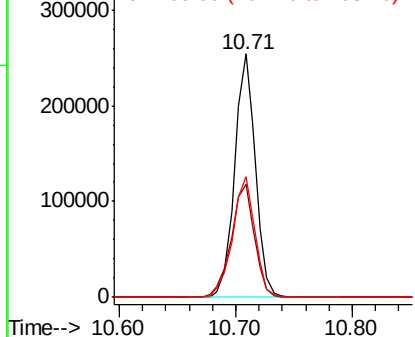
#70
Stvrene
Concen: 52.802 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 315030
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 53.7 43.0 64.4

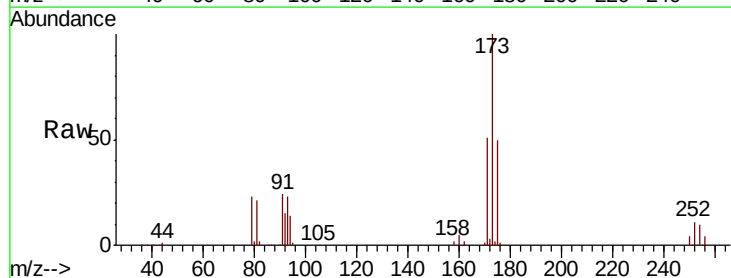


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

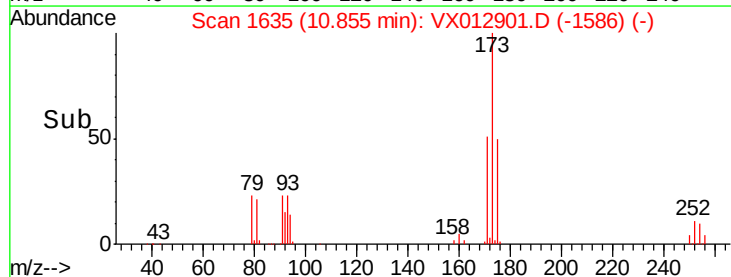
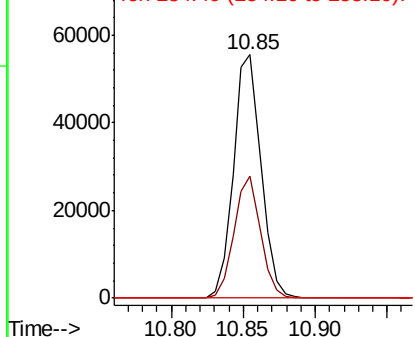


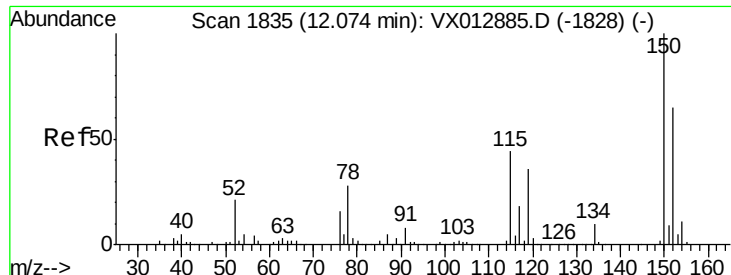
#71
Bromoform
Concen: 46.711 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion:173 Resp: 74474
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.1 0.1 0.1



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



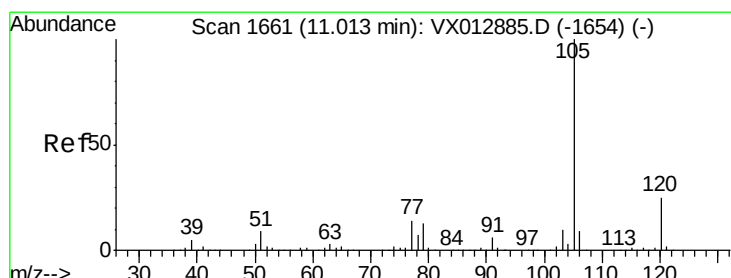
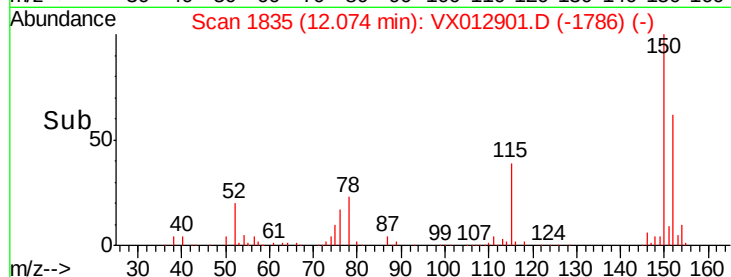
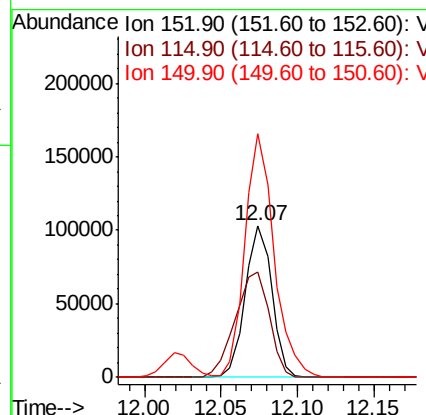
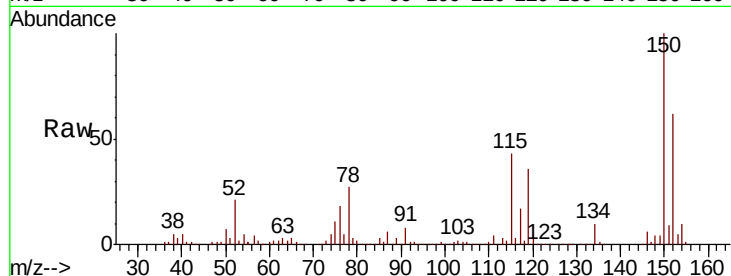


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :

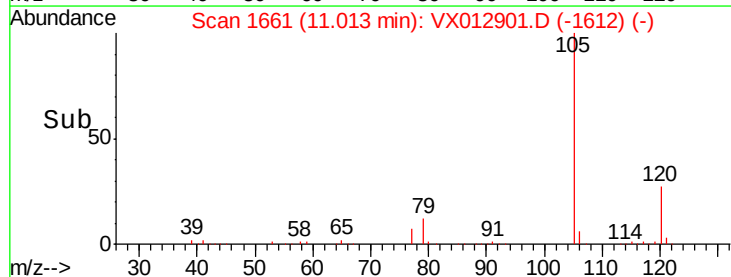
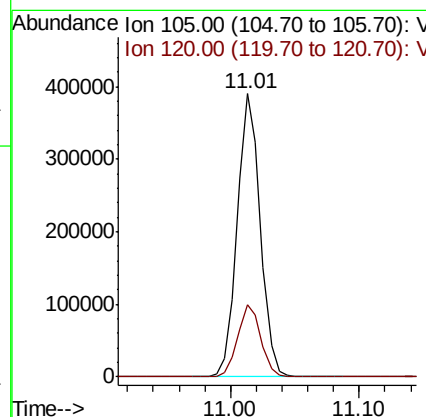
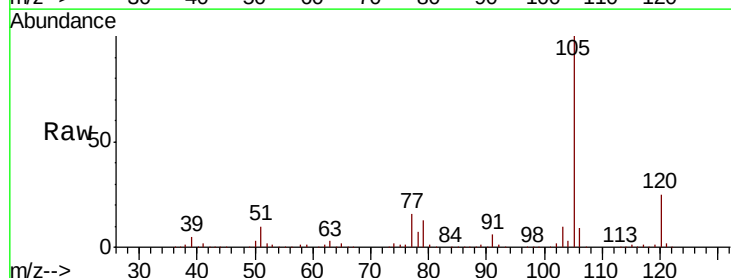
Tot Ion	Ratio	Lower	Upper
152	100		
115	89.0	44.5	133.5
150	175.9	0.0	353.4

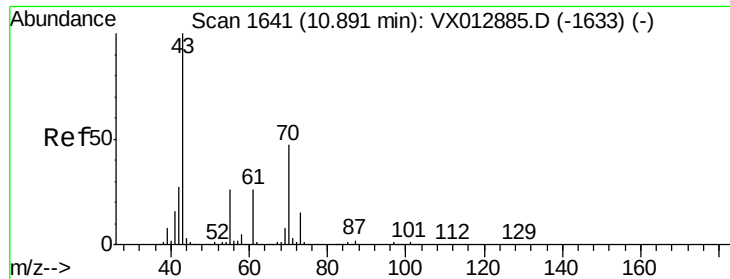


#73

Isopropylbenzene
Concen: 52.996 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.0	39.0





#74

N-amvl acetate

Concen: 53.601 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 211730

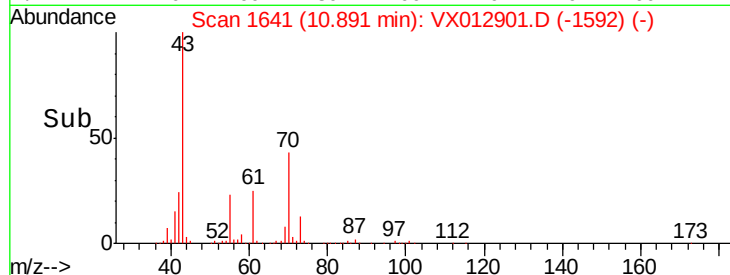
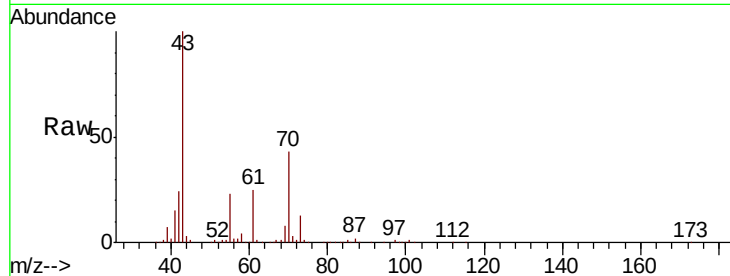
Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.4	54.6
55	24.0	20.2	30.2
61	24.7	20.5	30.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

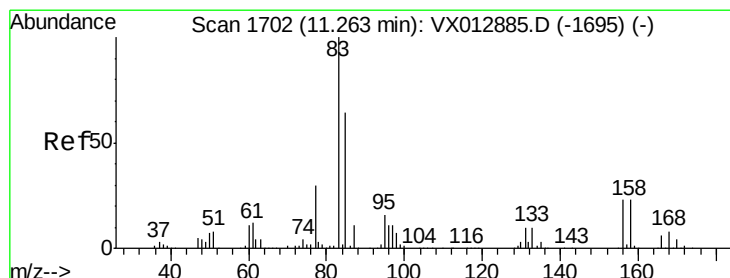
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 53.196 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

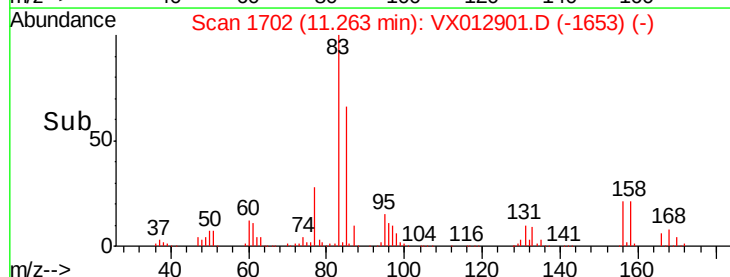
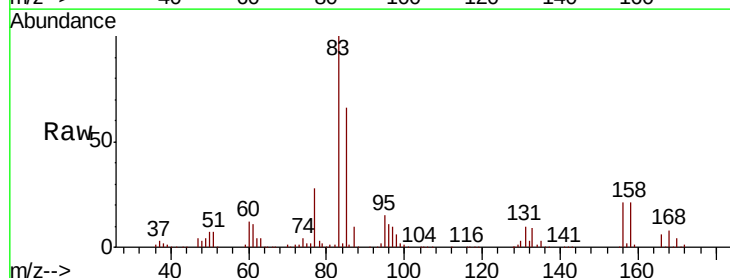
Tgt Ion: 83 Resp: 162278

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	64.6	32.1	96.5

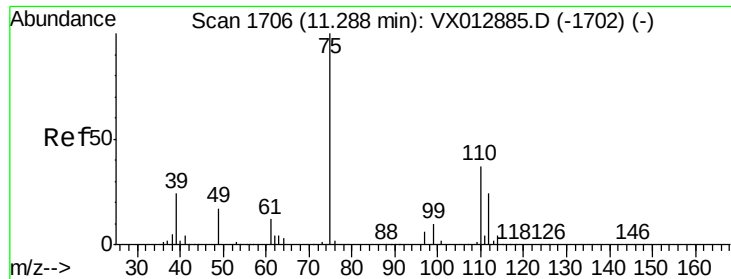
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



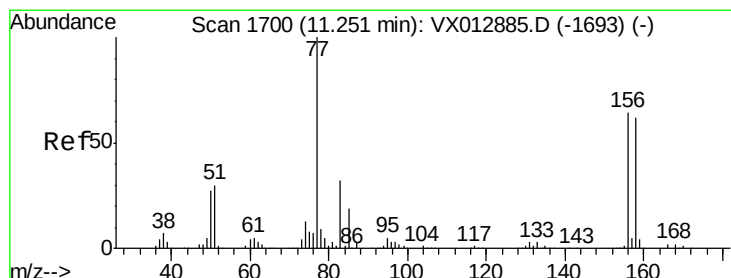
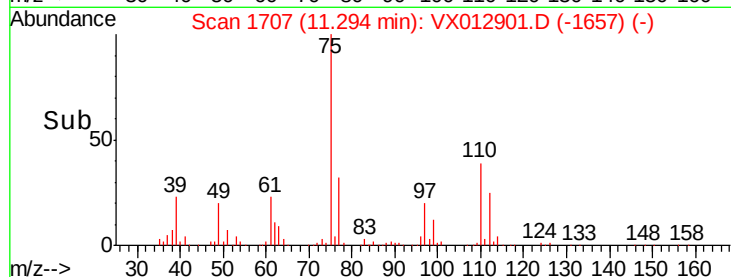
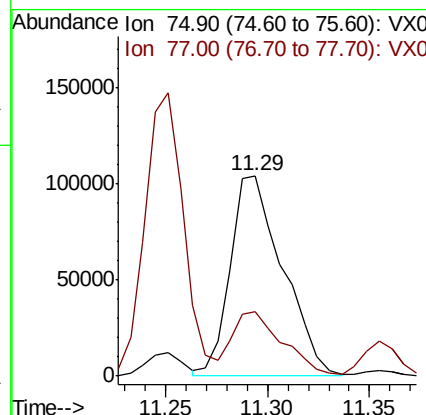
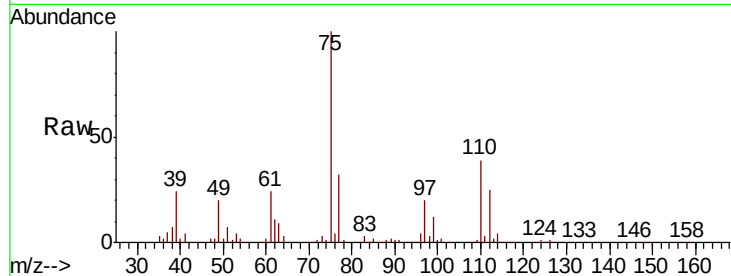
Time-->



#76
 1,2,3-Trichloropropane
 Concen: 67.141 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

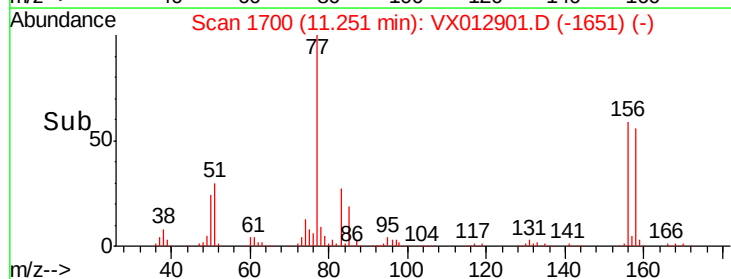
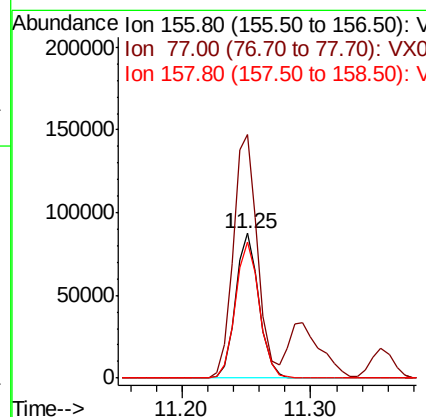
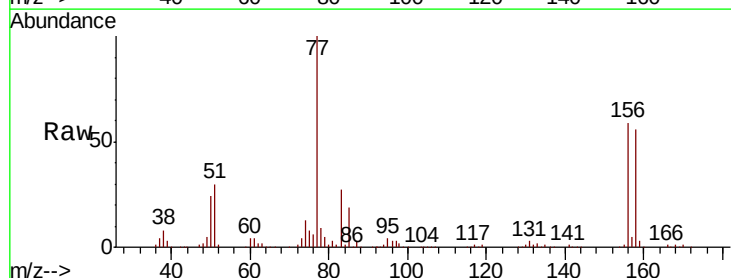
Instrument :
 MSVOA_X
 ClientSampleId :

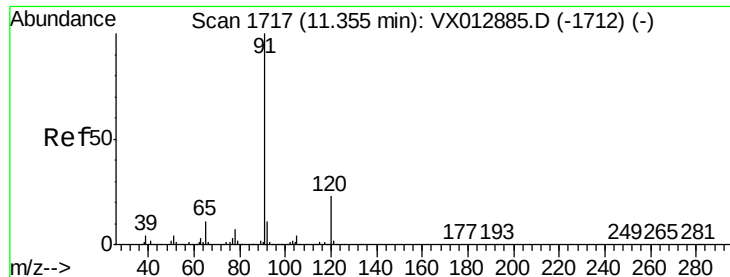
Tot Ion: 75 Resp: 185774
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.9 68.8



#77
 Bromobenzene
 Concen: 51.240 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 156 Resp: 110745
 Ion Ratio Lower Upper
 156 100
 77 175.6 83.7 251.0
 158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 53.803 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

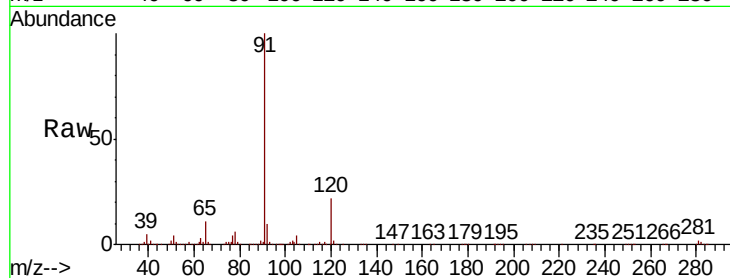
ClientSampleId :

Tot Ion: 91 Resp: 543002

Ion Ratio Lower Upper

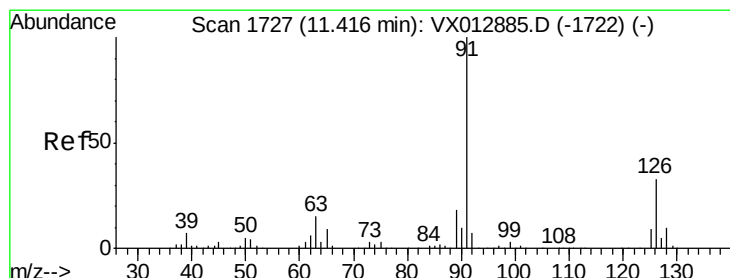
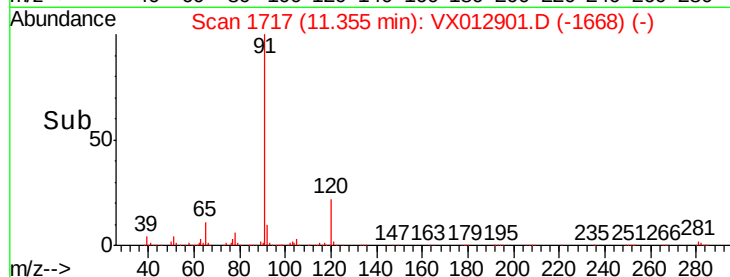
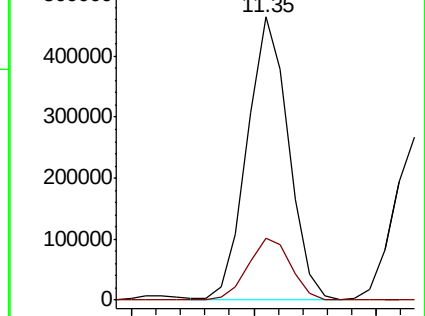
91 100

120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.893 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012901.D

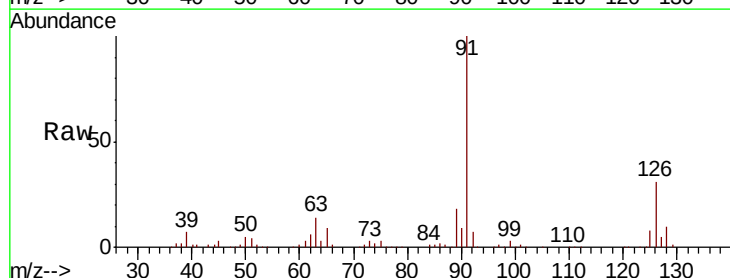
Acq: 08 Oct 2019 19:47

Tgt Ion: 91 Resp: 335484

Ion Ratio Lower Upper

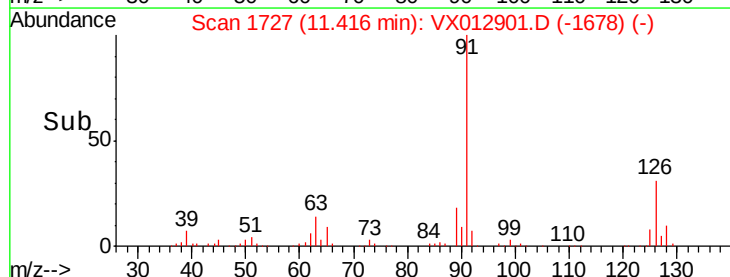
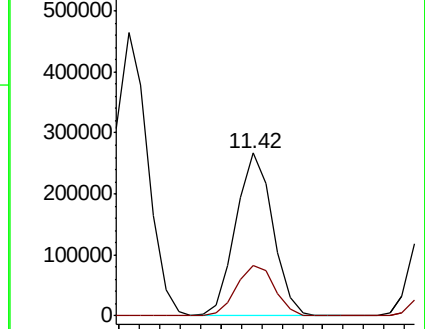
91 100

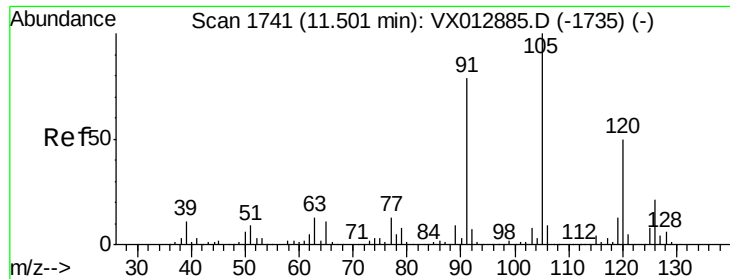
126 32.1 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

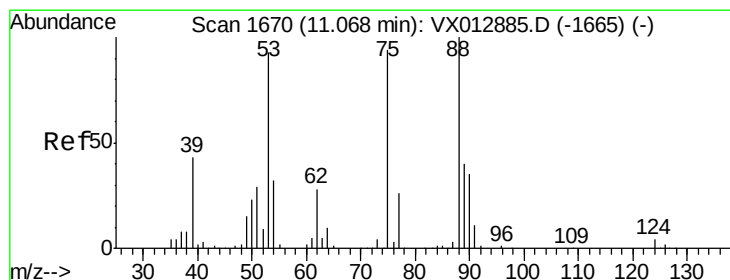
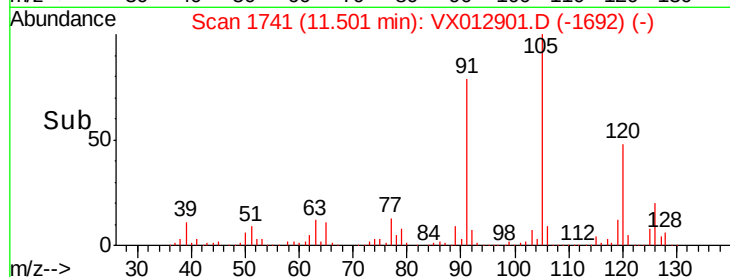
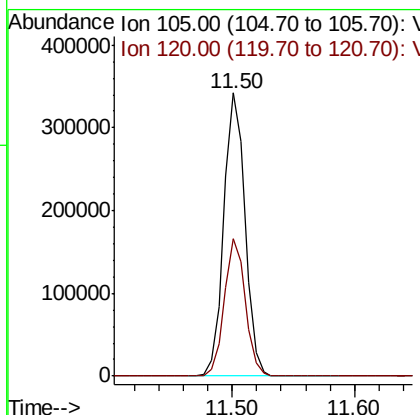
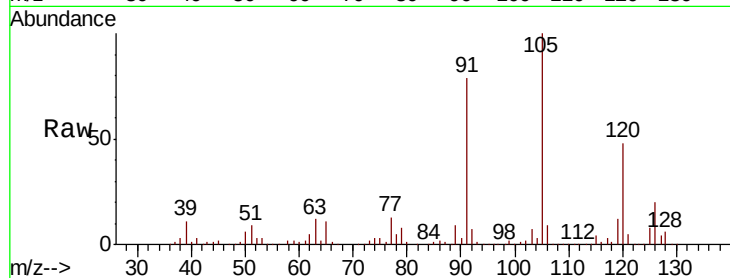




#80
 1,3,5-Trimethylbenzene
 Concen: 53.651 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

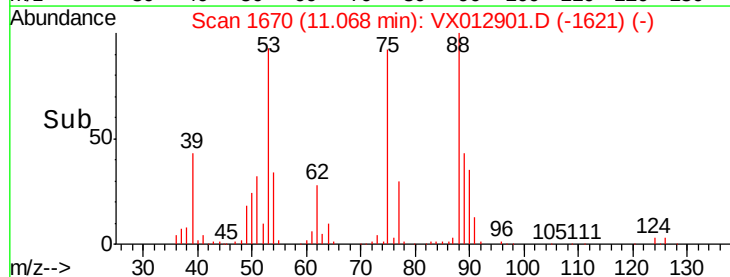
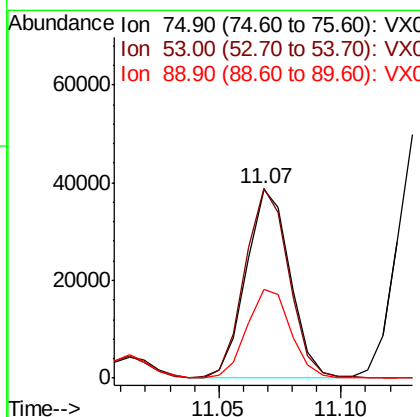
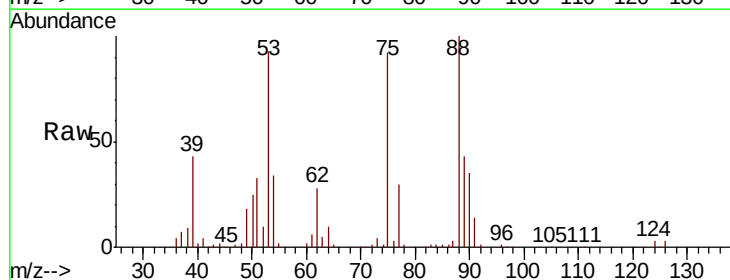
Instrument :
 MSVOA_X
 ClientSampleId :

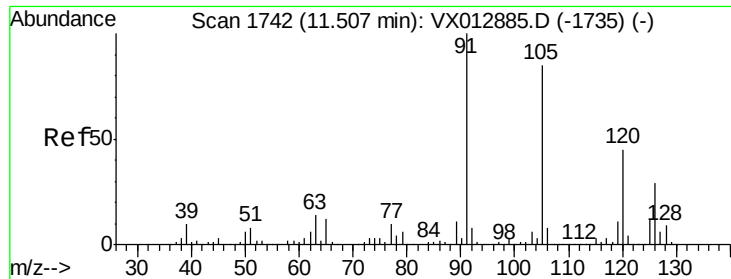
Tot Ion:105 Resp: 410885
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.145 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion: 75 Resp: 48112
 Ion Ratio Lower Upper
 75 100
 53 101.7 78.5 117.7
 89 47.4 37.4 56.2

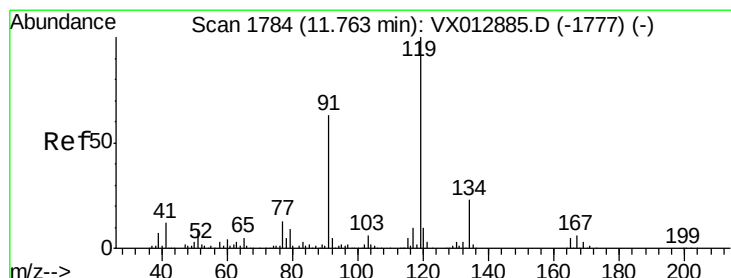
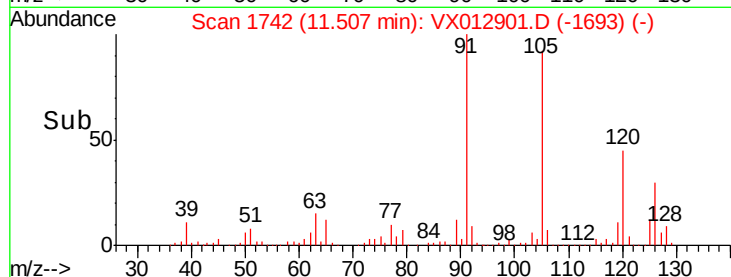
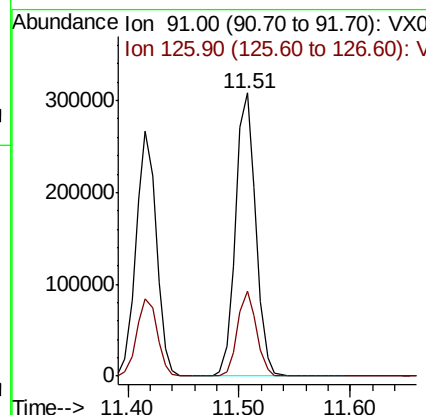
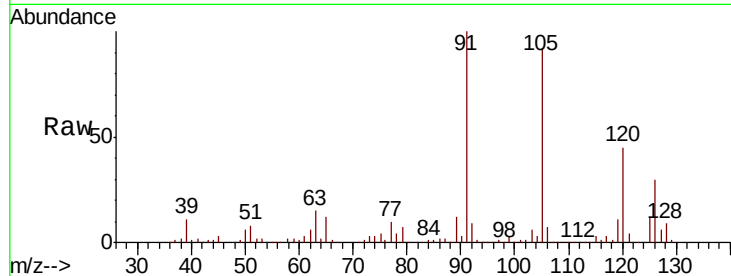




#82
4-Chlorotoluene
Concen: 52.818 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

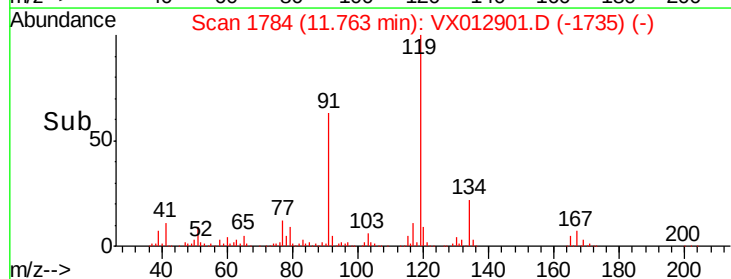
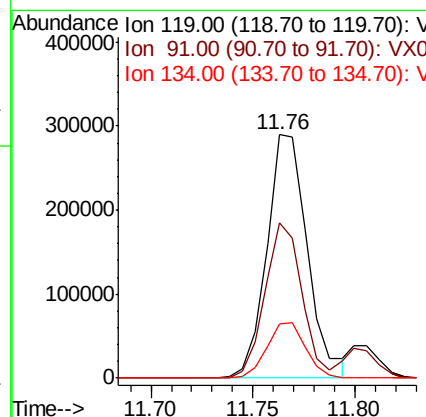
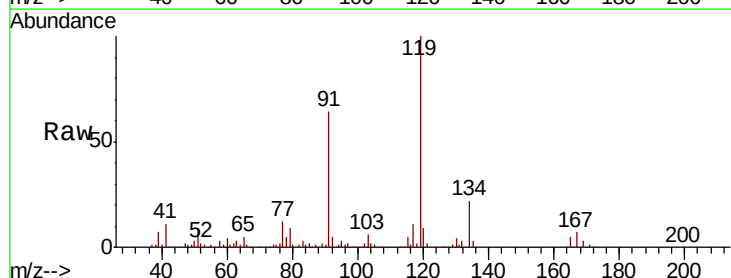
Instrument :
MSVOA_X
ClientSampleId :

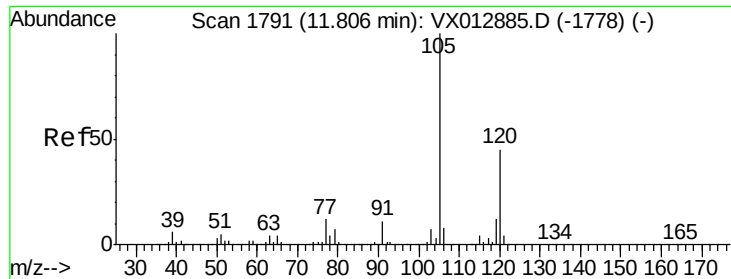
Tot Ion: 91 Resp: 383987
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6



#83
tert-Butylbenzene
Concen: 53.832 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion: 119 Resp: 402168
Ion Ratio Lower Upper
119 100
91 58.2 29.3 87.9
134 21.9 11.5 34.4

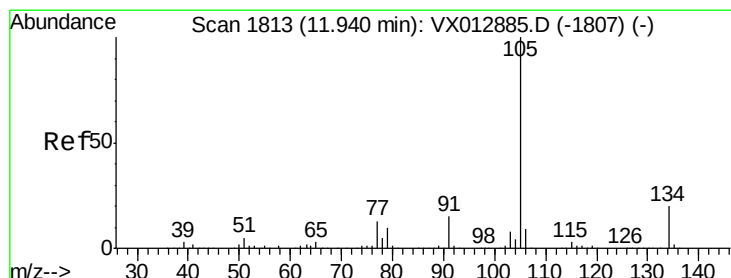
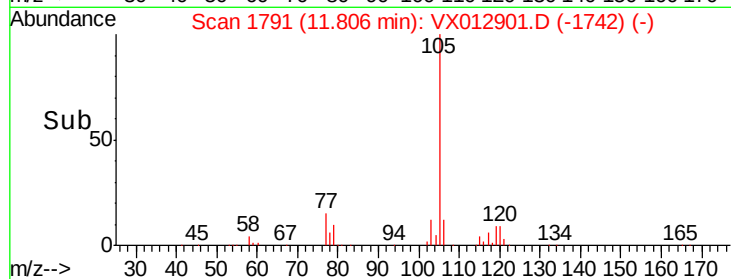
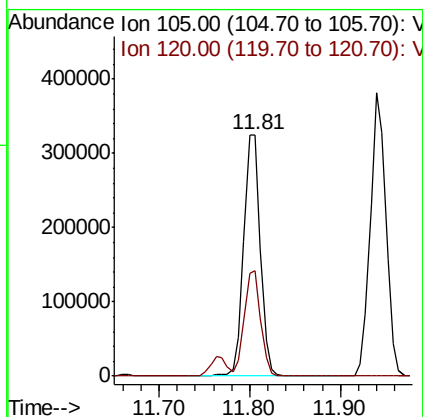
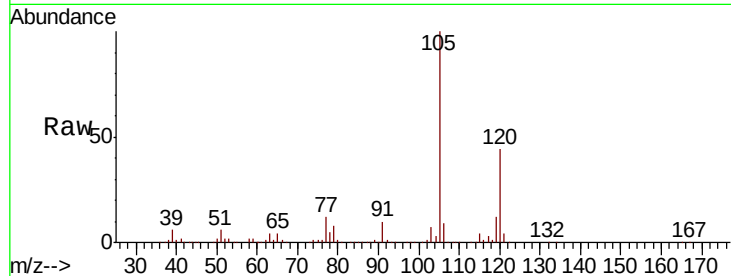




#84
 1,2,4-Trimethylbenzene
 Concen: 53.442 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

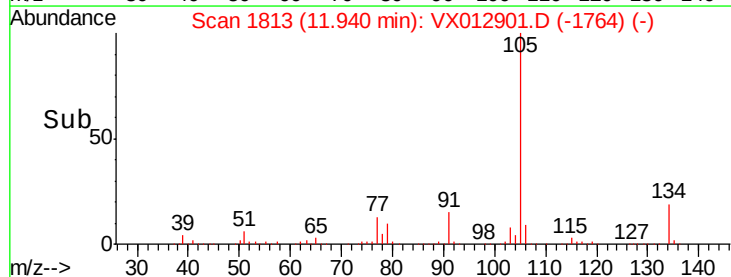
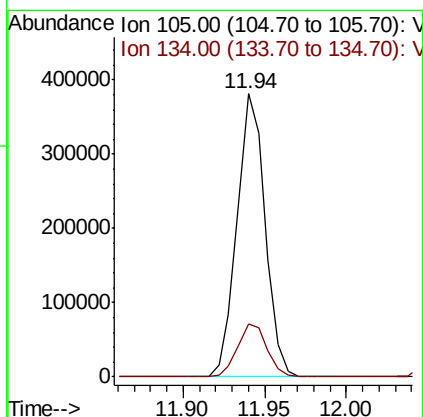
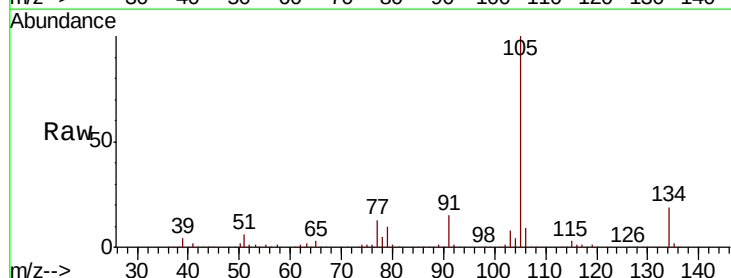
Instrument :
 MSVOA_X
 ClientSampleId :

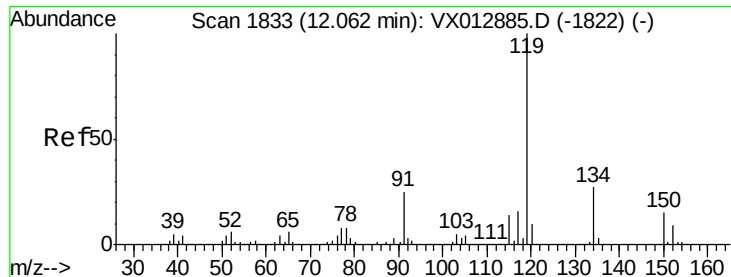
Tot Ion:105 Resp: 414511
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 52.918 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion:105 Resp: 458012
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 30.0

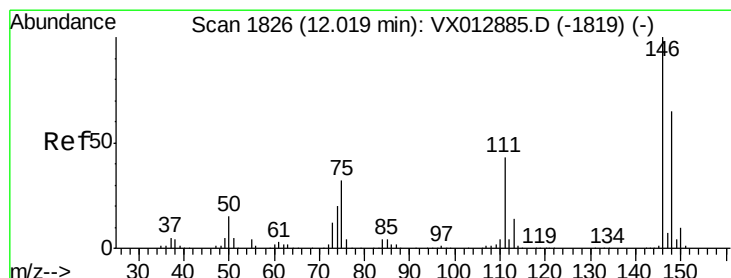
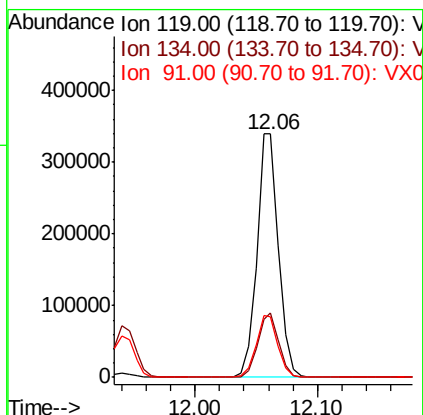
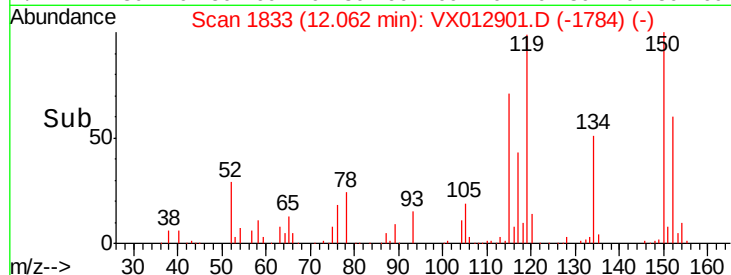
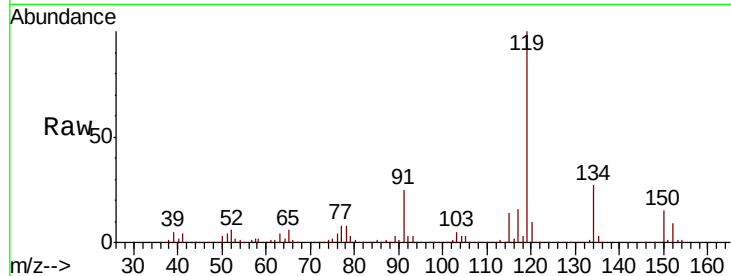




#86
p-Isopropyltoluene
Concen: 52.007 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

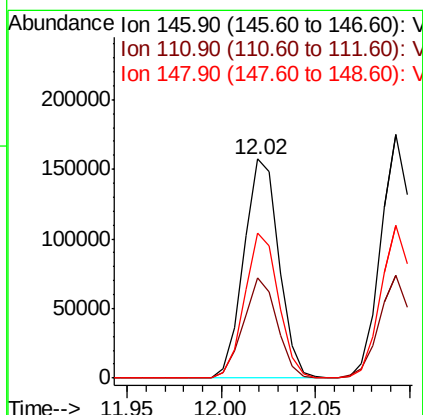
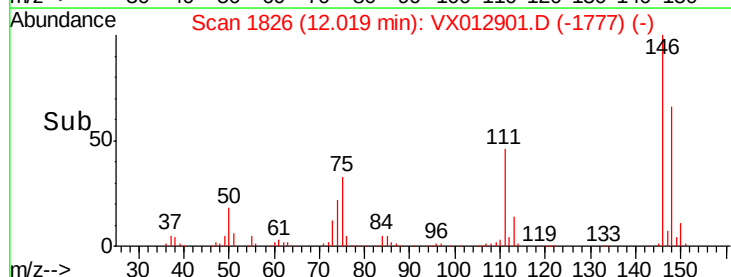
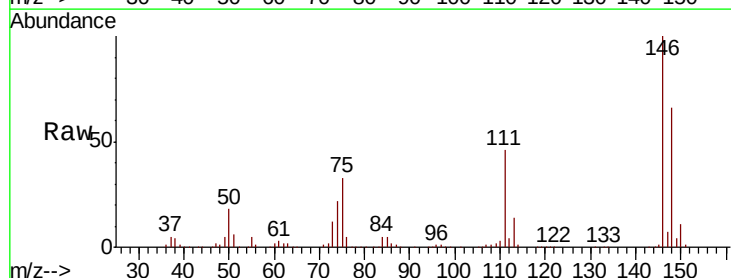
Instrument :
MSVOA_X
ClientSampled :

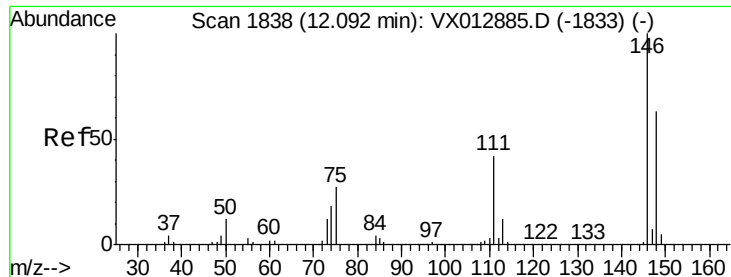
Tot Ion:119 Resp: 417474
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 25.6 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 50.542 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion:146 Resp: 202853
Ion Ratio Lower Upper
146 100
111 44.0 21.1 63.4
148 64.3 31.6 95.0

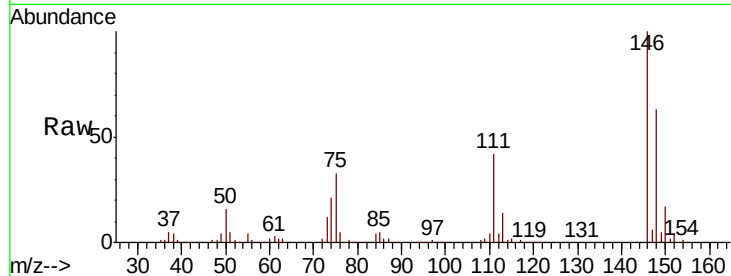




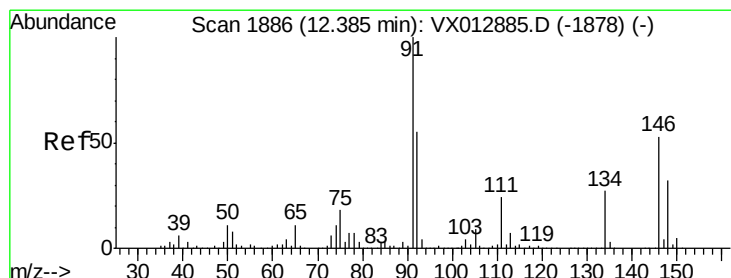
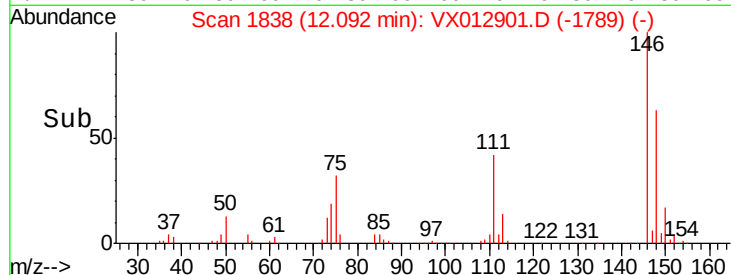
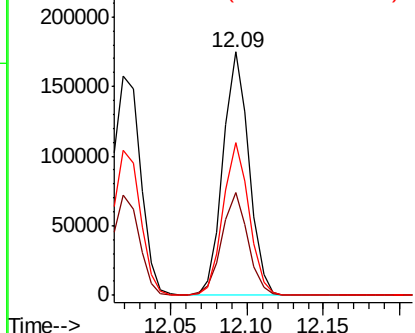
#88
 1,4-Dichlorobenzene
 Concen: 50.328 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	63.1	32.1	96.5

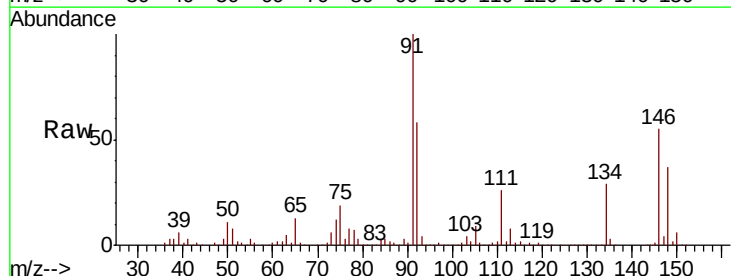


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

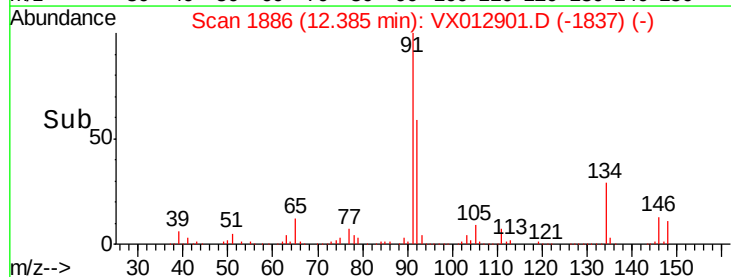
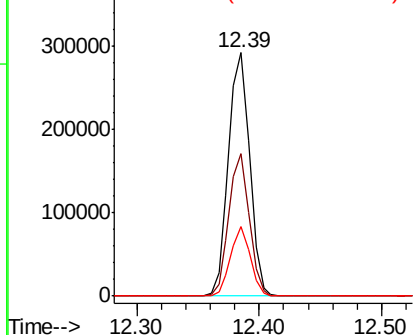


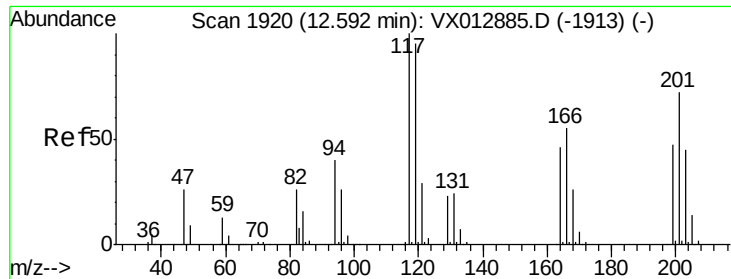
#89
 n-Butylbenzene
 Concen: 51.820 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.5	27.5	82.5
134	26.7	12.9	38.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

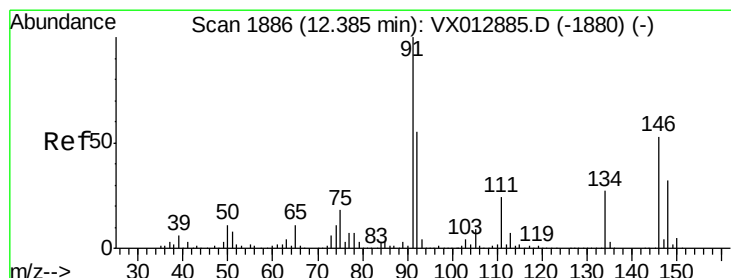
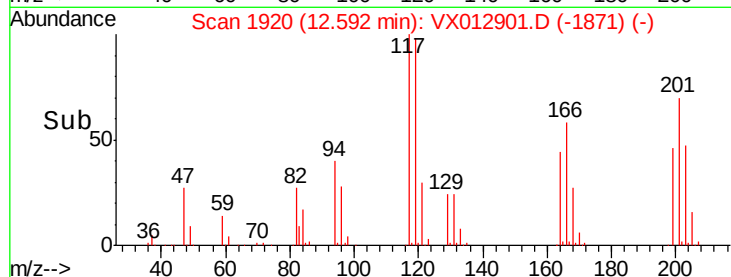
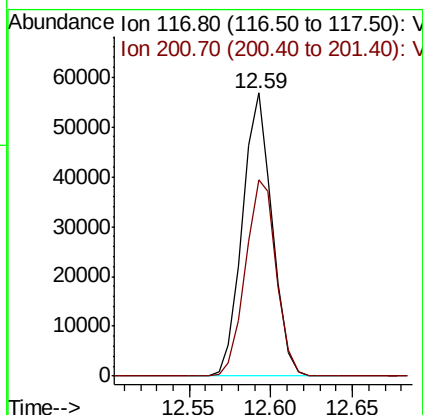
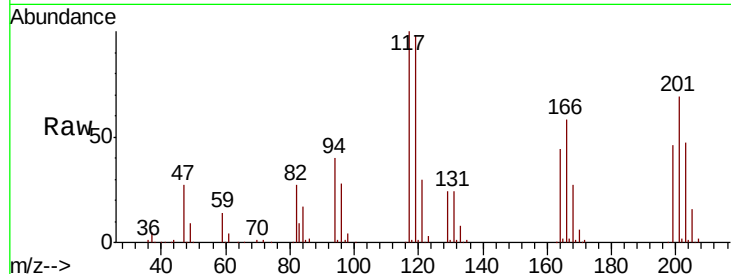




#90
Hexachloroethane
Concen: 48.506 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

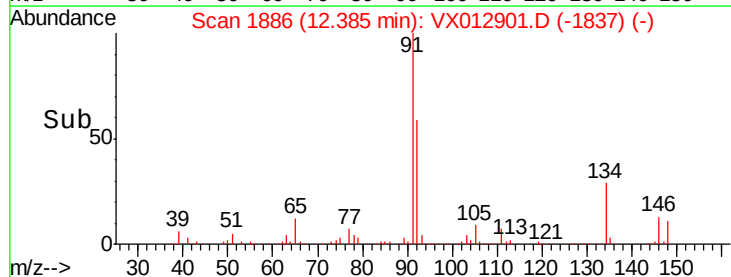
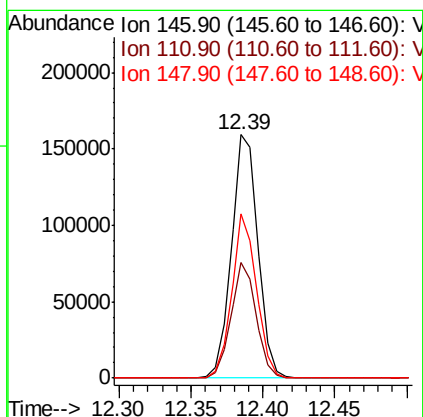
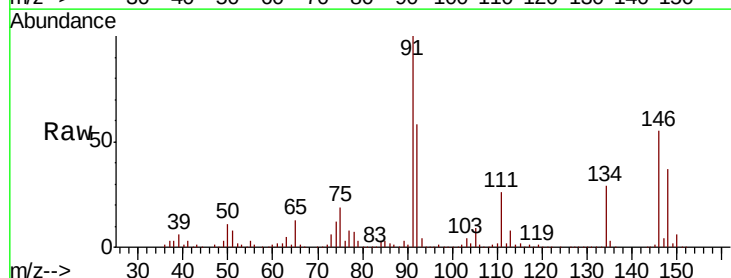
Instrument :
MSVOA_X
ClientSampleId :

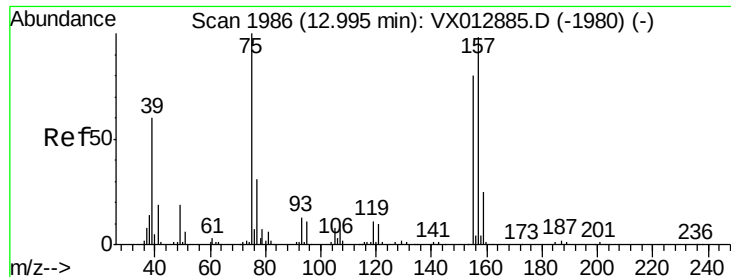
Tot Ion:117 Resp: 72017
Ion Ratio Lower Upper
117 100
201 72.2 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 51.982 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012901.D
Acq: 08 Oct 2019 19:47

Tgt Ion:146 Resp: 204536
Ion Ratio Lower Upper
146 100
111 45.4 22.7 68.0
148 63.1 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.839 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

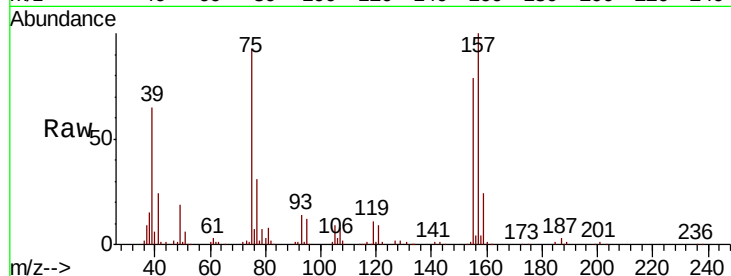
Tot Ion: 75 Resp: 38495

Ion	Ratio	Lower	Upper
75	100		
155	84.7	43.0	128.8
157	107.0	54.1	162.3

75 100

155 84.7 43.0 128.8

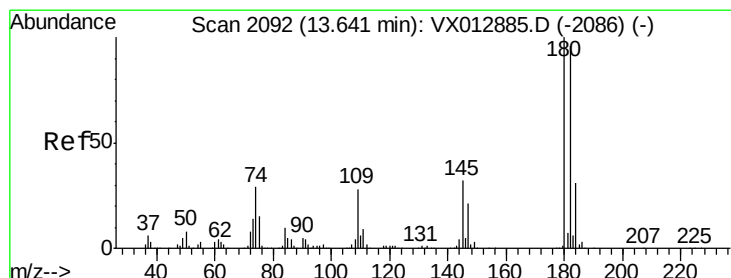
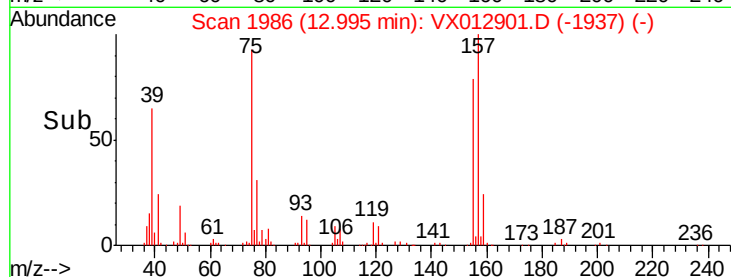
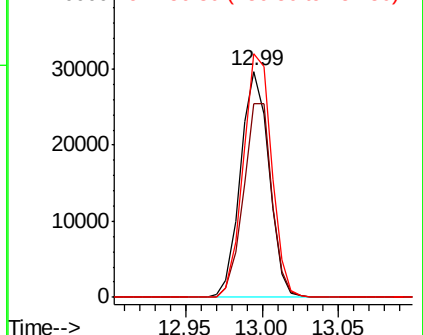
157 107.0 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 51.134 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

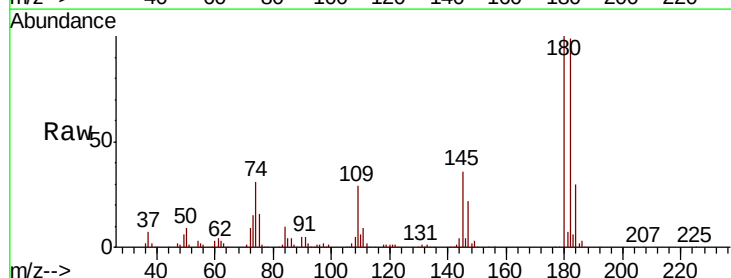
Tgt Ion:180 Resp: 126036

Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.8	140.4
145	33.4	16.2	48.6

180 100

182 96.1 46.8 140.4

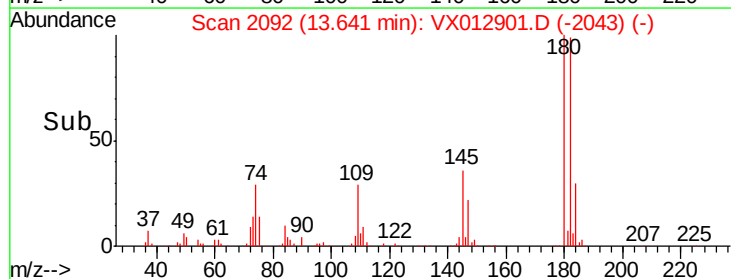
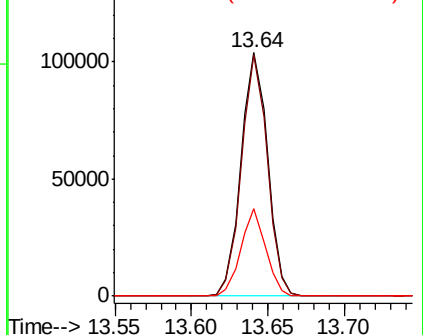
145 33.4 16.2 48.6

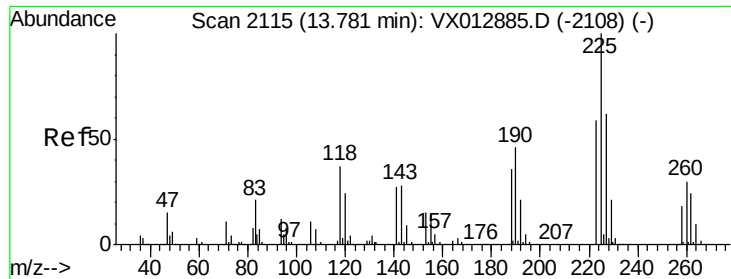


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 50.229 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

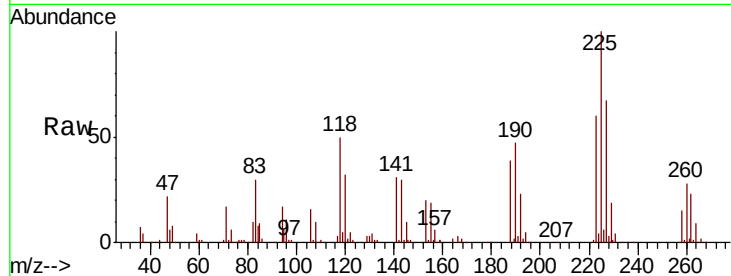
Tot Ion:225 Resp: 57136

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.2
227	64.4	32.3	96.9

225 100

223 61.6 31.1 93.2

227 64.4 32.3 96.9

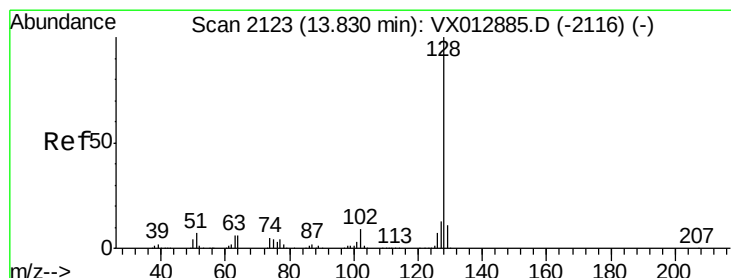
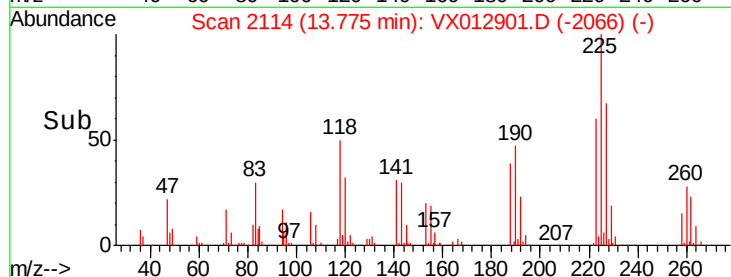
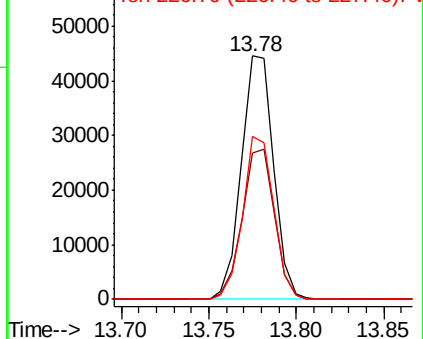


Abundance

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: 52.306 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012901.D

Acq: 08 Oct 2019 19:47

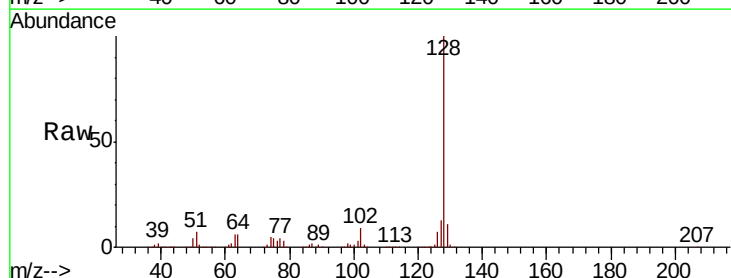
Tgt Ion:128 Resp: 446919

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.8	13.2

128 100

127 12.8 10.2 15.4

129 11.2 8.8 13.2

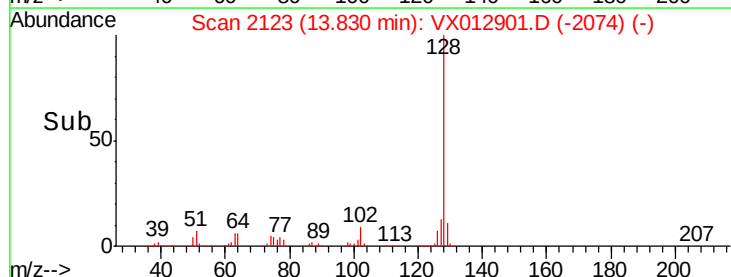
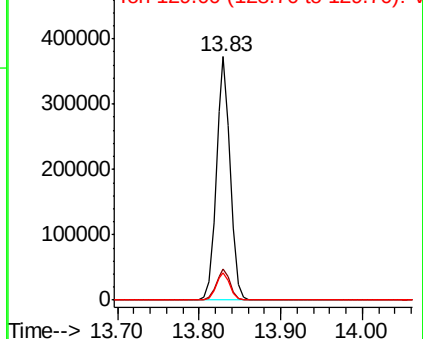


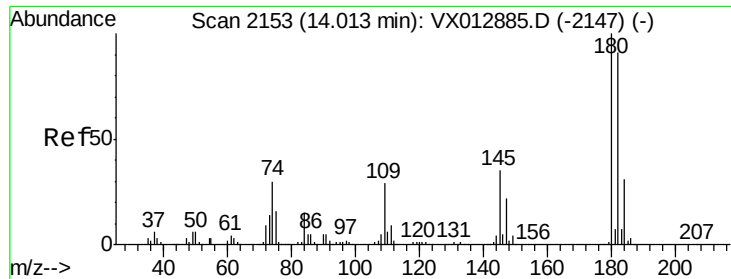
Abundance

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

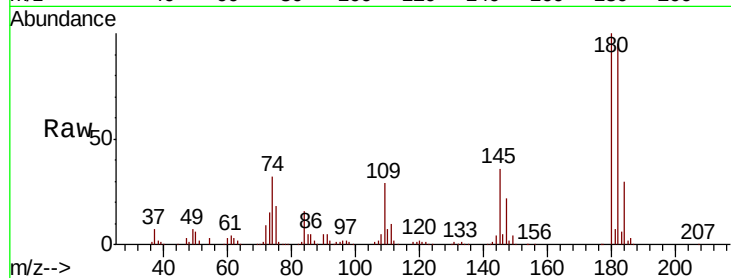




#96
 1,2,3-Trichlorobenzene
 Concen: 50.690 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012901.D
 Acq: 08 Oct 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	180	Resp:	129113
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.5
145	35.3	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

