

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012888.D
 Acq On : 08 Oct 2019 14:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 02:08:40 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	193452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	119065	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	5.48	113	96090	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
50) Toluene-d8	8.71	98	368900	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.13	95	145871	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	108109	54.825	ug/l	100
3) Chloromethane	1.31	50	107781	50.223	ug/l	99
4) Vinyl Chloride	1.40	62	110862	50.050	ug/l	98
5) Bromomethane	1.62	94	46598	50.608	ug/l	99
6) Chloroethane	1.71	64	68064	50.303	ug/l	99
7) Trichlorofluoromethane	1.92	101	160904	53.820	ug/l	97
8) Diethyl Ether	2.18	74	62080	51.444	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104601	54.060	ug/l	99
10) Methyl Iodide	2.50	142	99505	45.862	ug/l	100
11) Tert butyl alcohol	3.03	59	144345	225.200	ug/l	99
12) 1,1-Dichloroethene	2.36	96	102390	52.375	ug/l	94
13) Acrolein	2.28	56	106571	233.962	ug/l	99
14) Allyl chloride	2.72	41	181897	52.247	ug/l	99
15) Acrylonitrile	3.13	53	303521	249.879	ug/l	99
16) Acetone	2.43	43	327270	256.788	ug/l	100
17) Carbon Disulfide	2.56	76	285858	51.282	ug/l	99
18) Methyl Acetate	2.76	43	145296	48.098	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	359256	53.215	ug/l	97
20) Methylene Chloride	2.84	84	114764	48.998	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	109951	52.474	ug/l	98
22) Diisopropyl ether	3.84	45	350521	52.543	ug/l	91
23) Vinyl Acetate	3.80	43	1548412	268.868	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196620	52.390	ug/l	98
25) 2-Butanone	4.65	43	444105	251.168	ug/l	97
26) 2,2-Dichloropropane	4.57	77	174088	55.162	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	123815	51.264	ug/l	99
28) Bromochloromethane	5.00	49	57888	51.627	ug/l	99
29) Tetrahydrofuran	5.11	42	268398	246.675	ug/l	99
30) Chloroform	5.20	83	197213	51.212	ug/l	99
31) Cyclohexane	5.56	56	183977	52.425	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	177259	54.326	ug/l	98
36) 1,1-Dichloropropene	5.78	75	153258	54.824	ug/l	100
37) Ethyl Acetate	4.81	43	161296	51.600	ug/l	100
38) Carbon Tetrachloride	5.77	117	150512	55.316	ug/l	100

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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)
39) Methylcyclohexane	7.45	83	198662	58.600	ug/l	99
40) Benzene	6.13	78	450243	54.532	ug/l	99
41) Methacrylonitrile	5.03	41	87904	51.178	ug/l	99
42) 1,2-Dichloroethane	6.18	62	158279	53.425	ug/l	100
43) Isopropyl Acetate	6.43	43	270871	53.989	ug/l	99
44) Trichloroethene	7.20	130	118605	51.803	ug/l	93
45) 1,2-Dichloropropane	7.50	63	114457	54.392	ug/l	99
46) Dibromomethane	7.65	93	75875	54.119	ug/l	99
47) Bromodichloromethane	7.89	83	155536	56.847	ug/l	95
48) Methyl methacrylate	7.76	41	132708	54.280	ug/l	99
49) 1,4-Dioxane	7.73	88	62037	947.449	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	815735	260.780	ug/l	100
52) Toluene	8.78	92	288470	54.613	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	178151	52.081	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	192392	57.173	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112539	53.837	ug/l	100
56) Ethyl methacrylate	9.17	69	189297	50.550	ug/l	99
57) 1,3-Dichloropropane	9.37	76	194855	53.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	430400	280.276	ug/l	99
59) 2-Hexanone	9.48	43	642871	264.013	ug/l	99
60) Dibromochloromethane	9.57	129	118028	50.711	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118832	54.040	ug/l	99
64) Tetrachloroethene	9.33	164	104546	52.960	ug/l	92
65) Chlorobenzene	10.14	112	303984	53.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	111887	57.096	ug/l	100
67) Ethyl Benzene	10.24	91	556092	55.391	ug/l	100
68) m/p-Xylenes	10.35	106	417878	111.418	ug/l	98
69) o-Xylene	10.70	106	204392	55.884	ug/l	99
70) Styrene	10.71	104	352019	56.616	ug/l	99
71) Bromoform	10.85	173	80934	48.576	ug/l #	99
73) Isopropylbenzene	11.01	105	550541	54.553	ug/l	100
74) N-amyl acetate	10.89	43	237201	54.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	173723	51.756	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	202400	66.481	ug/l	78
77) Bromobenzene	11.25	156	127124	53.456	ug/l	99
78) n-propylbenzene	11.35	91	625138	56.295	ug/l	99
79) 2-Chlorotoluene	11.42	91	356284	51.051	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	454423	53.927	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	59007	49.853	ug/l	97
82) 4-Chlorotoluene	11.51	91	420187	52.528	ug/l	99
83) tert-Butylbenzene	11.76	119	443041	53.897	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	463230	54.278	ug/l	99
85) sec-Butylbenzene	11.94	105	516694	54.255	ug/l	98
86) p-Isopropyltoluene	12.06	119	495750	56.128	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233623	52.902	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	236353	52.845	ug/l	99
89) n-Butylbenzene	12.38	91	421811	56.823	ug/l	99
90) Hexachloroethane	12.59	117	82855	50.621	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	224135	51.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42675	54.244	ug/l	98

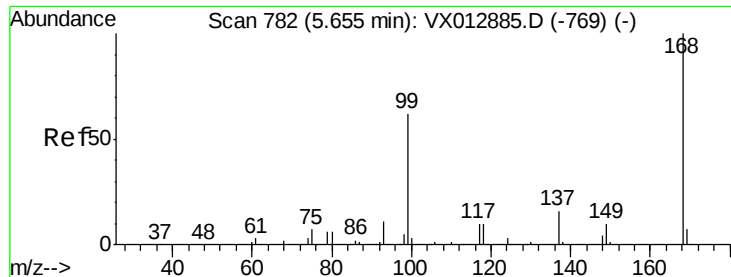
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	151282	55.781	ug/l	98
94) Hexachlorobutadiene	13.77	225	69360	55.416	ug/l	99
95) Naphthalene	13.83	128	521957	55.519	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	151568	54.081	ug/l	99

(#) = 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: VX012888.D

Acq: 08 Oct 2019 14:17

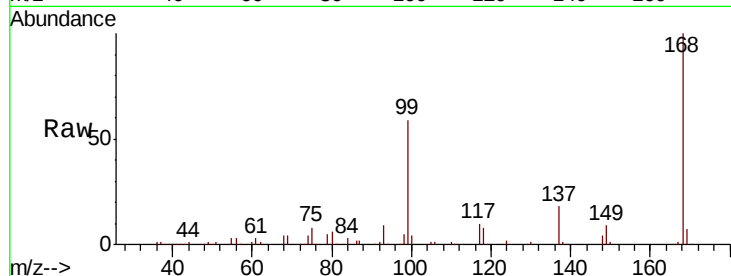
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 193452

Ion Ratio Lower Upper

168 100

99 58.3 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

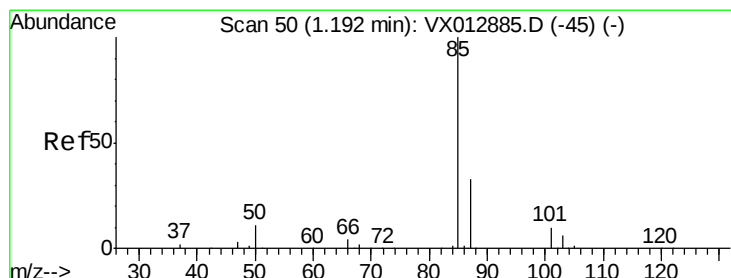
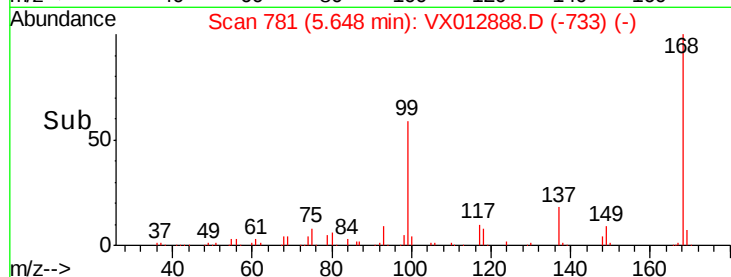
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.825 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012888.D

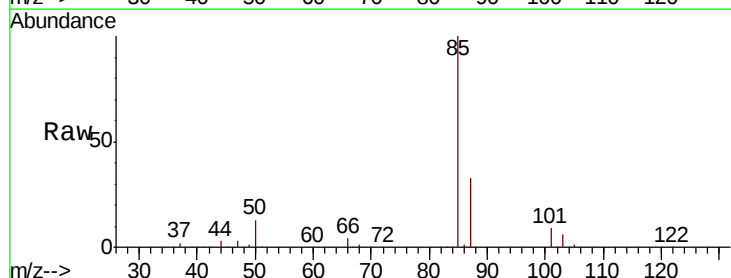
Acq: 08 Oct 2019 14:17

Tgt Ion: 85 Resp: 108109

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

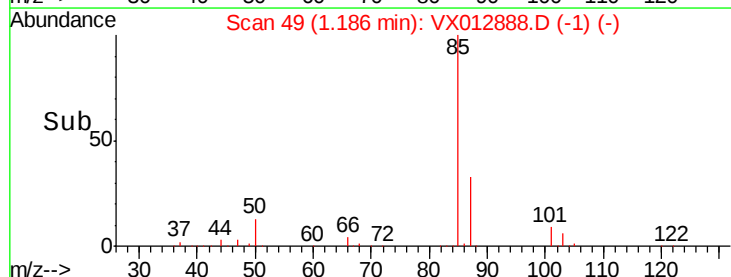
40000

20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 50.223 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

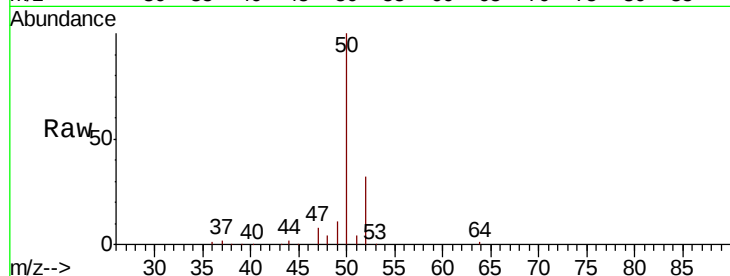
ClientSampled :

Tot Ion: 50 Resp: 107781

Ion Ratio Lower Upper

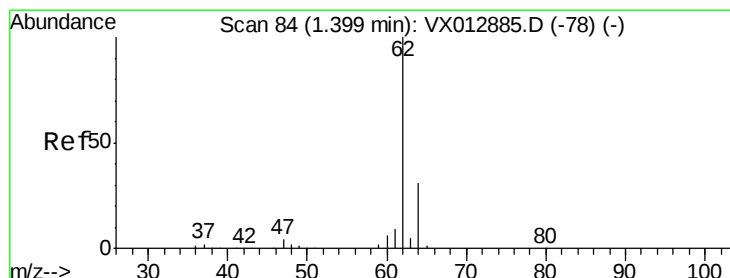
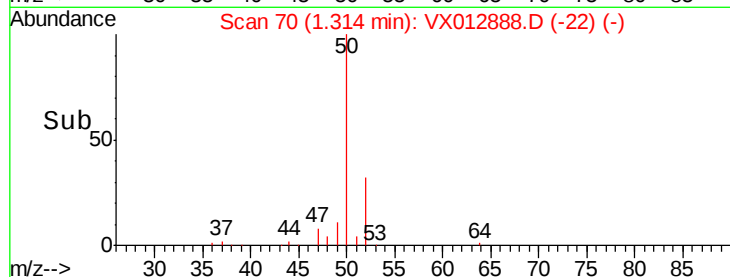
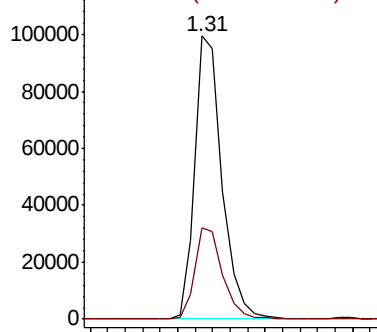
50 100

52 32.2 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: 50.050 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012888.D

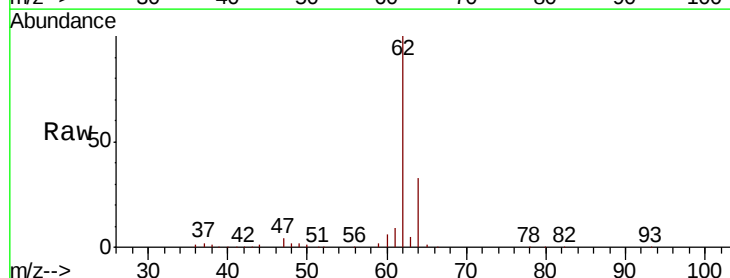
Acq: 08 Oct 2019 14:17

Tgt Ion: 62 Resp: 110862

Ion Ratio Lower Upper

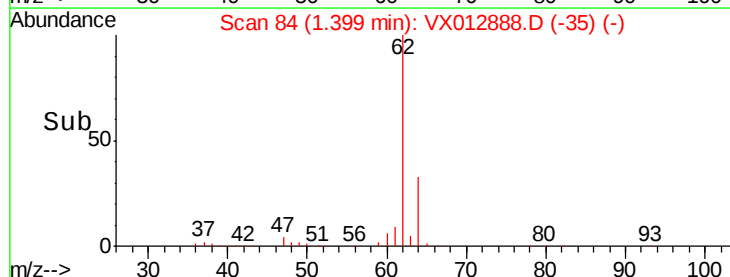
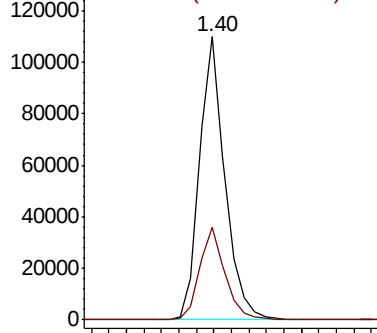
62 100

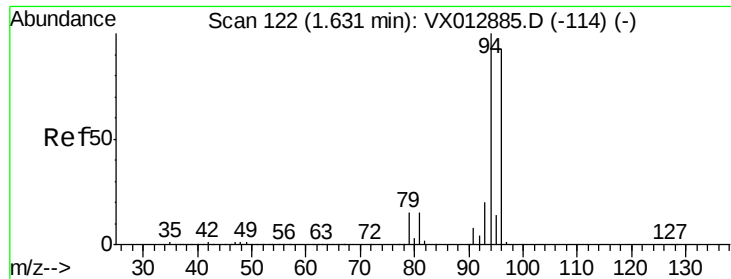
64 32.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.608 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

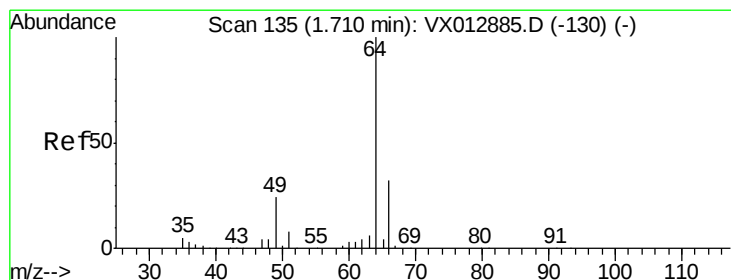
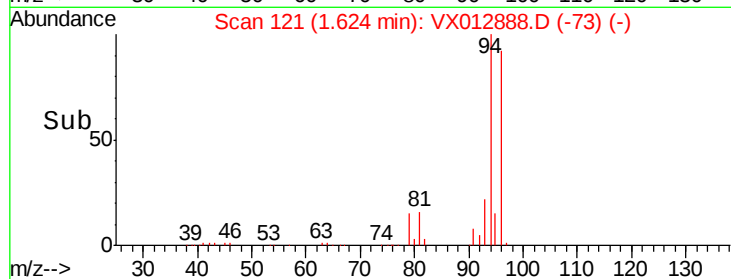
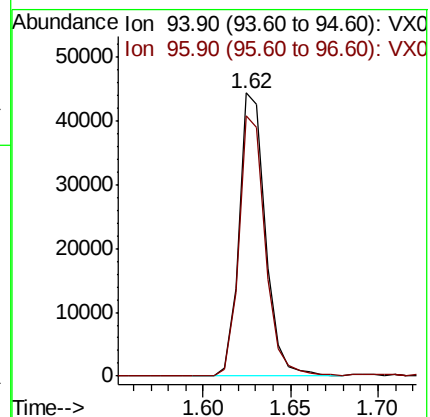
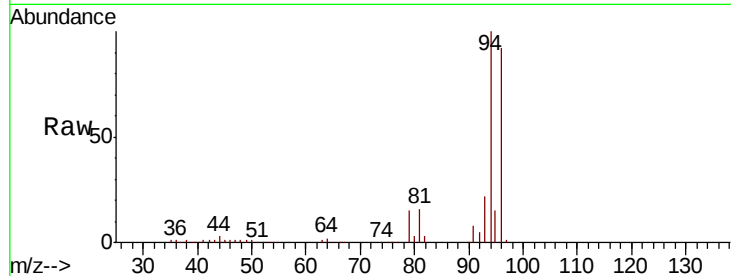
ClientSampleId :

Tot Ion: 94 Resp: 46598

Ion Ratio Lower Upper

94 100

96 92.1 74.7 112.1



#6

Chloroethane

Concen: 50.303 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012888.D

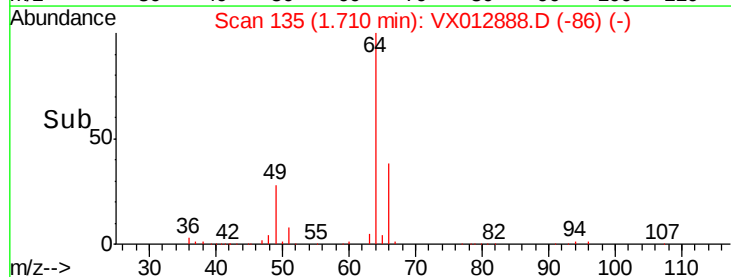
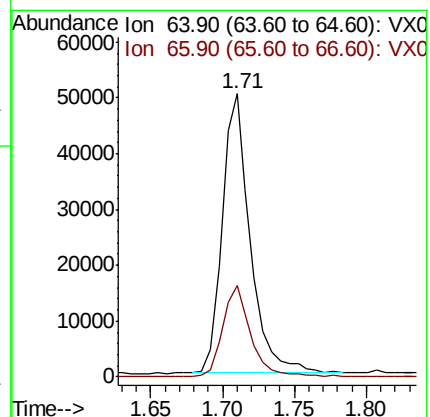
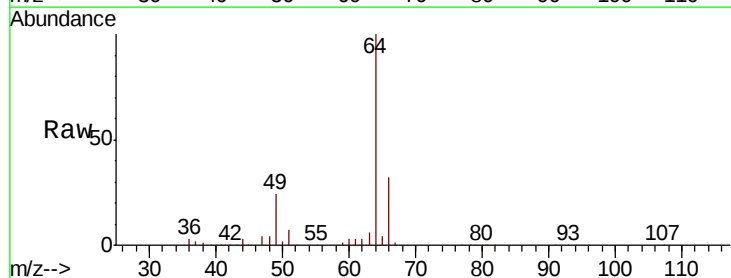
Acq: 08 Oct 2019 14:17

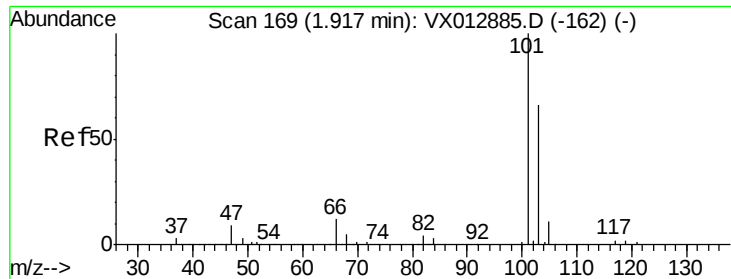
Tgt Ion: 64 Resp: 68064

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



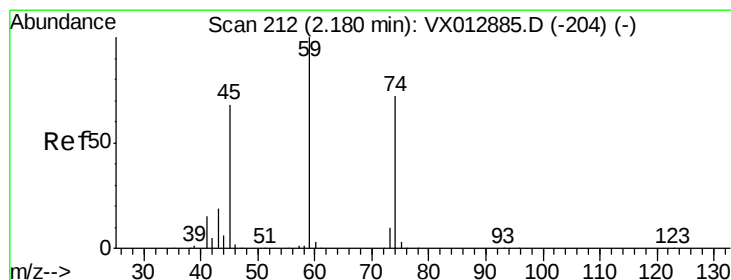
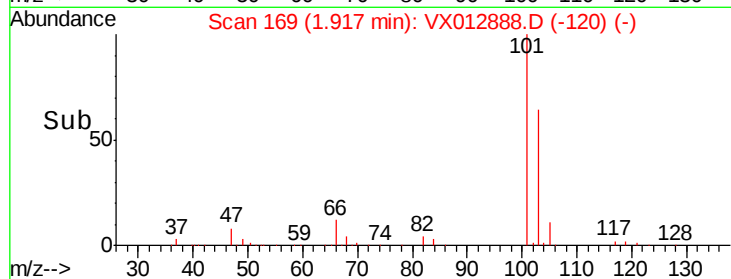
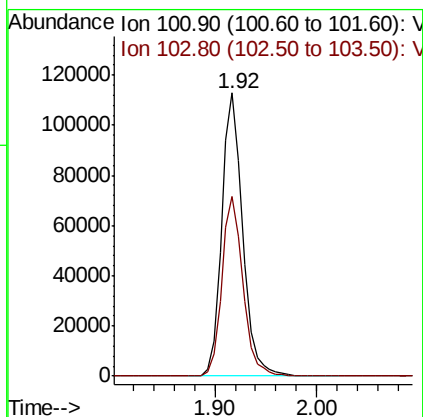
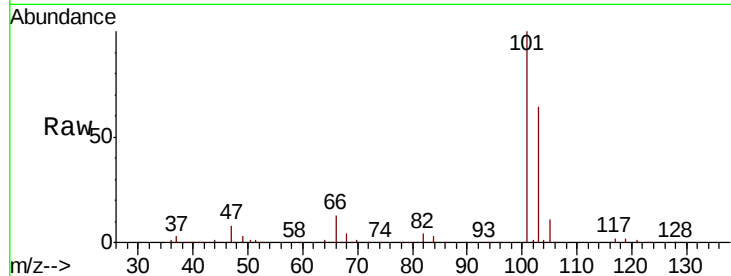


#7

Trichlorofluoromethane
Concen: 53.820 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :

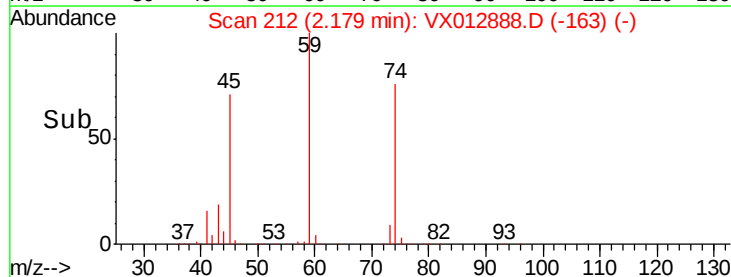
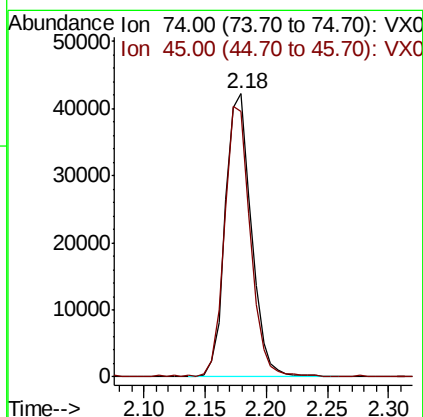
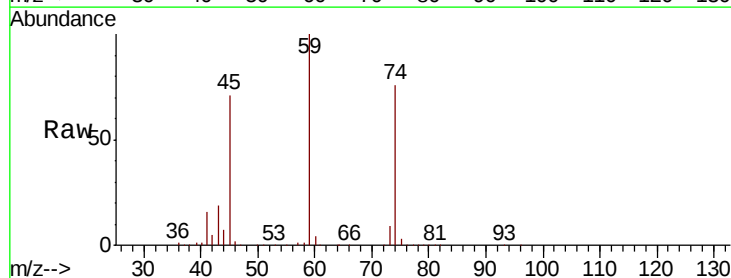
Tot Ion:101 Resp: 160904
Ion Ratio Lower Upper
101 100
103 63.5 52.5 78.7

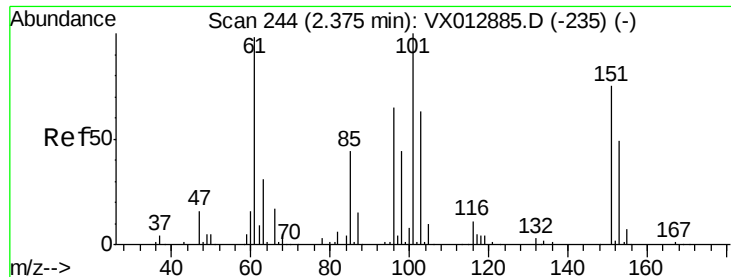


#8

Diethyl Ether
Concen: 51.444 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 74 Resp: 62080
Ion Ratio Lower Upper
74 100
45 94.1 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.060 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

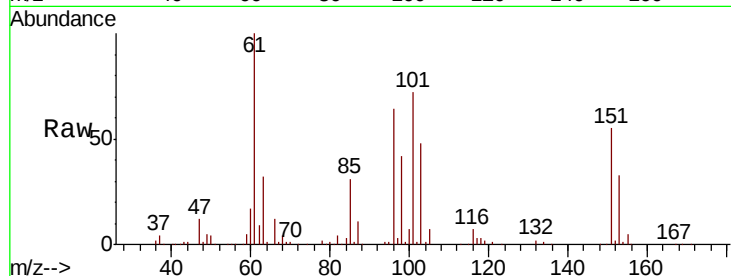
Tot Ion:101 Resp: 104601

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

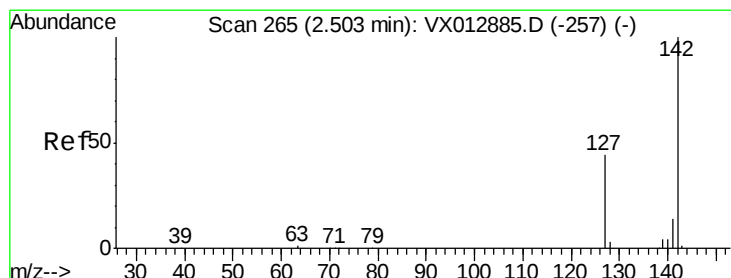
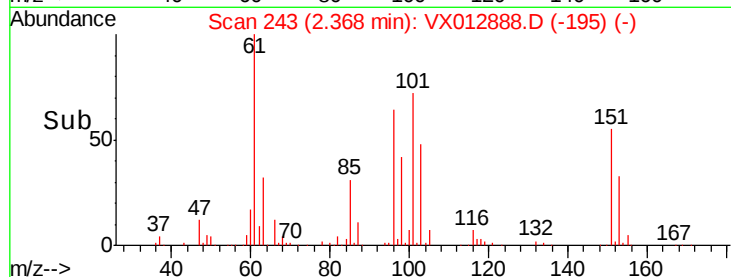
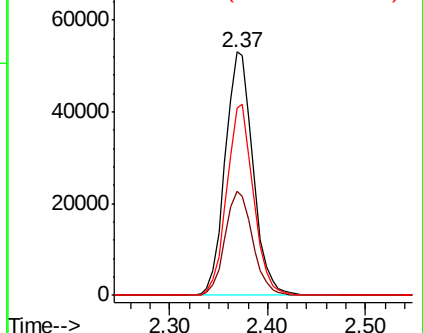
151 75.4 60.3 90.5



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: 45.862 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

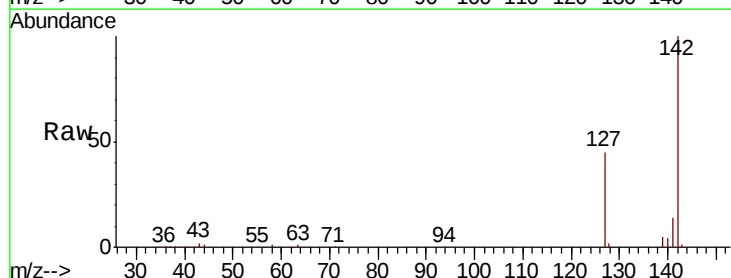
Tgt Ion:142 Resp: 99505

Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

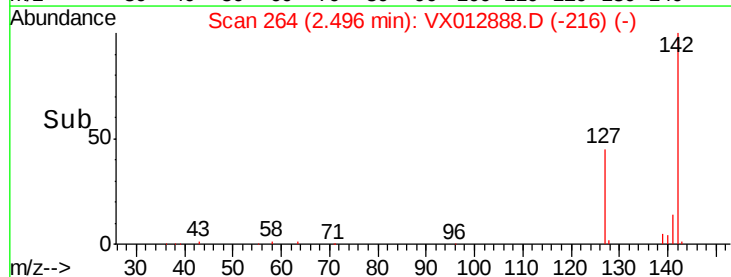
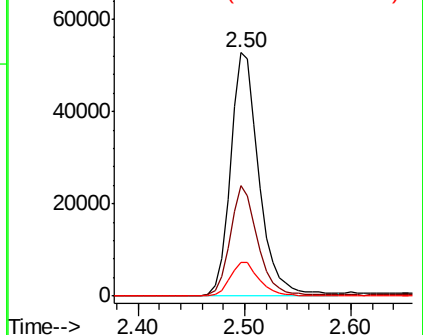
141 14.4 11.6 17.4

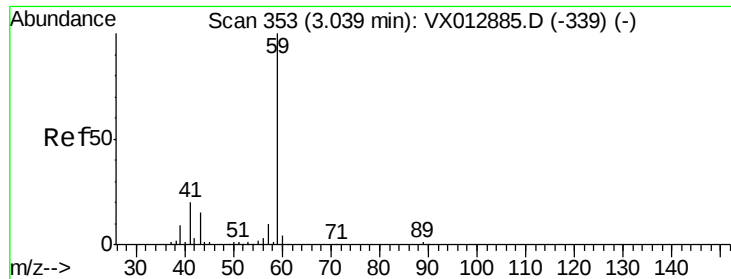


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

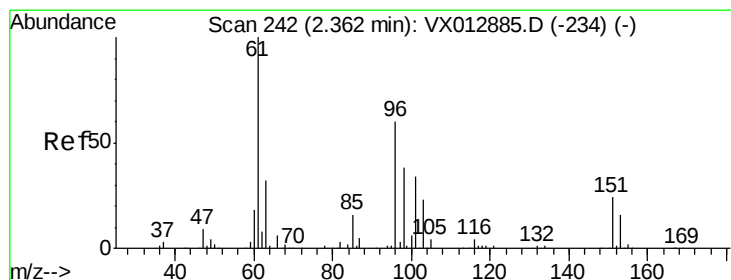
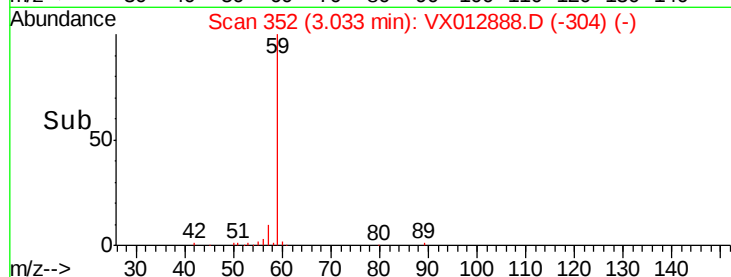
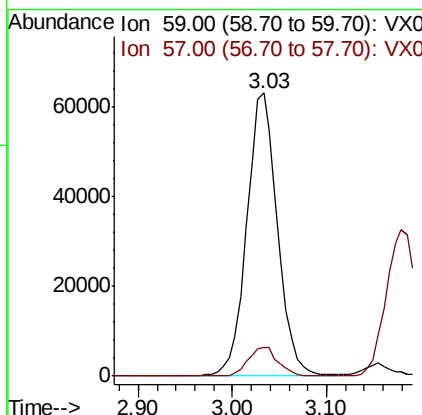
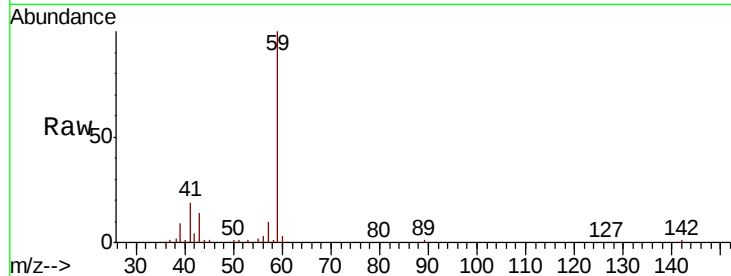




#11
Tert butyl alcohol
Concen: 225.200 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

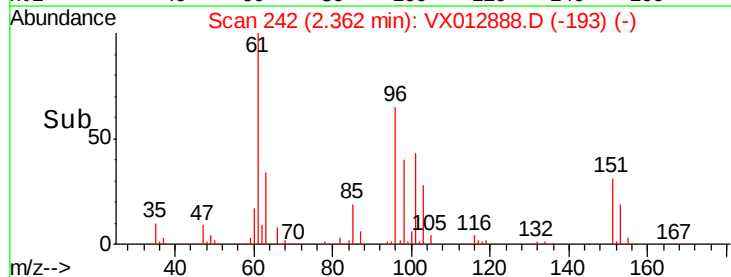
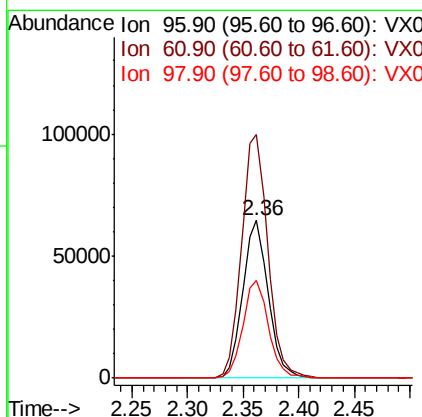
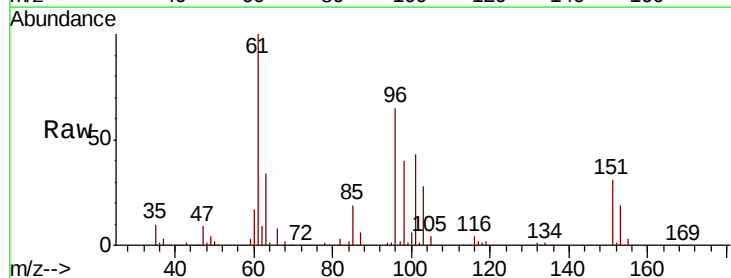
Instrument :
MSVOA_X
ClientSampleId :

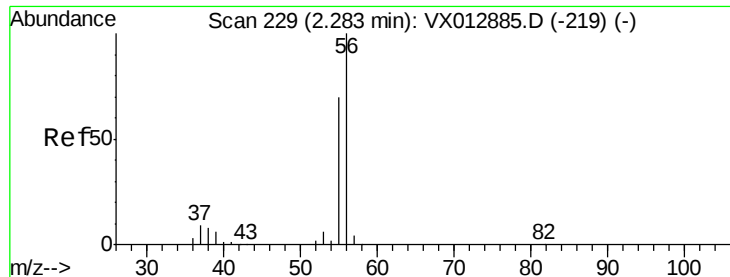
Tot Ion: 59 Resp: 144345
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.375 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 96 Resp: 102390
Ion Ratio Lower Upper
96 100
61 154.6 132.2 198.4
98 61.8 50.5 75.7





#13

Acrolein

Concen: 233.962 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

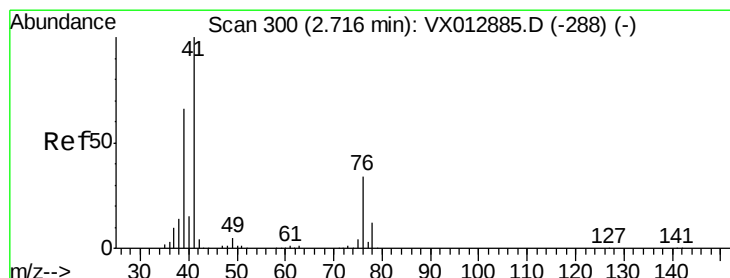
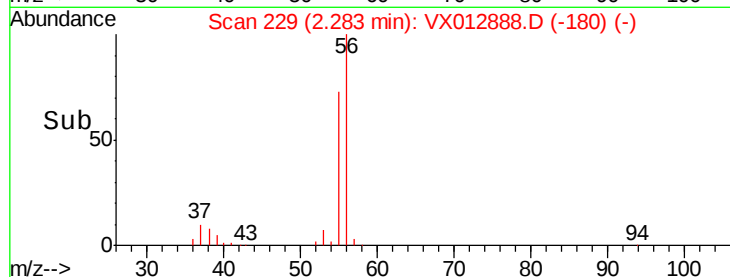
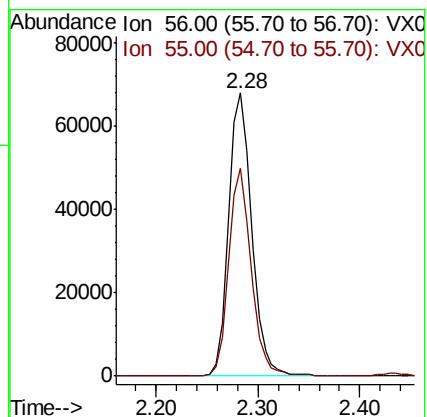
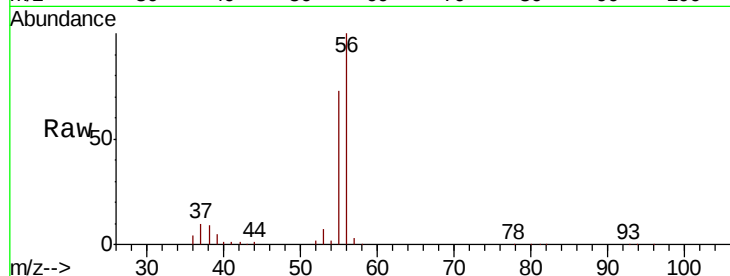
ClientSampleId :

Tot Ion: 56 Resp: 106571

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 52.247 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

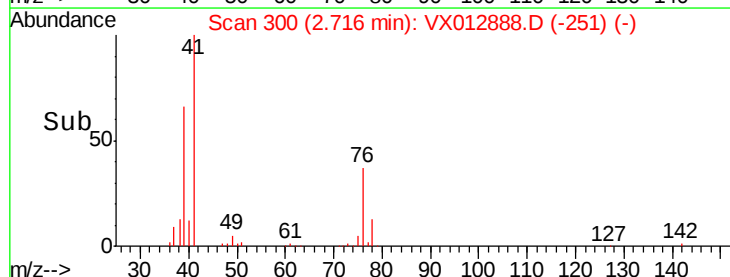
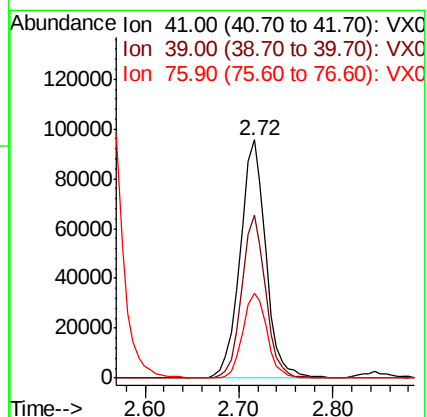
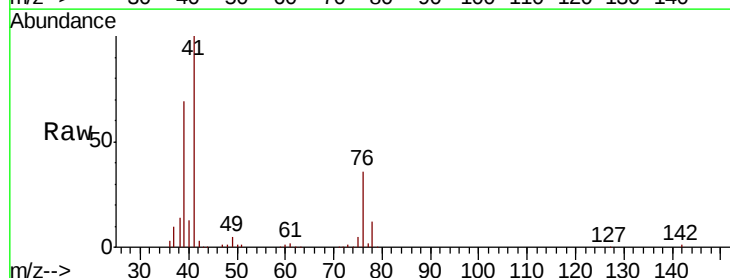
Tgt Ion: 41 Resp: 181897

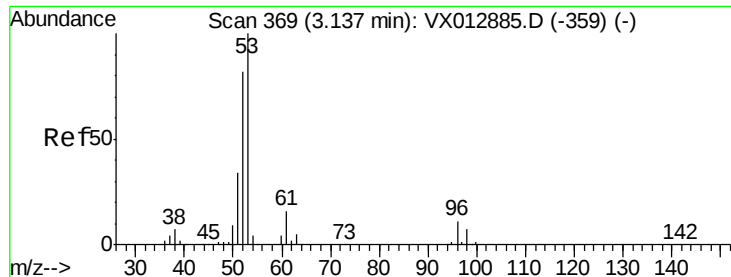
Ion Ratio Lower Upper

41 100

39 63.6 51.0 76.6

76 33.4 26.2 39.4





#15

Acrylonitrile

Concen: 249.879 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

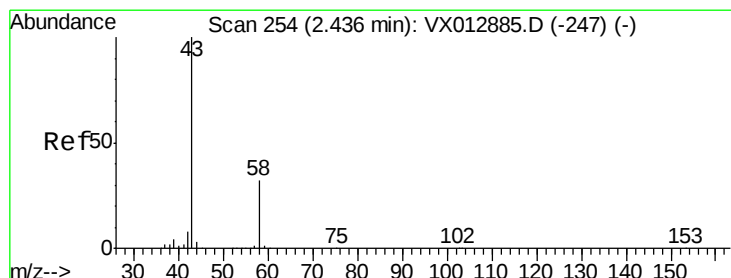
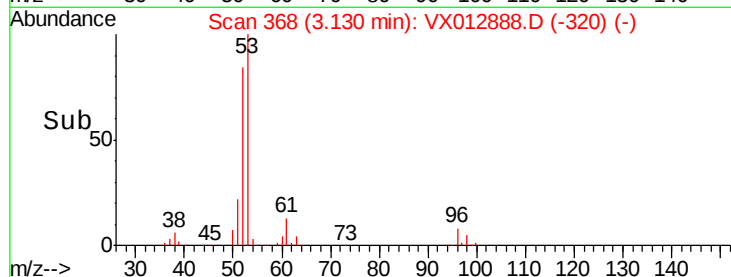
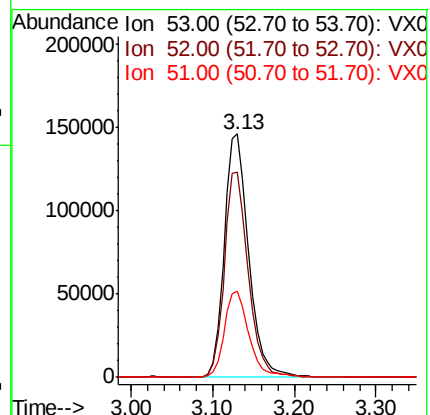
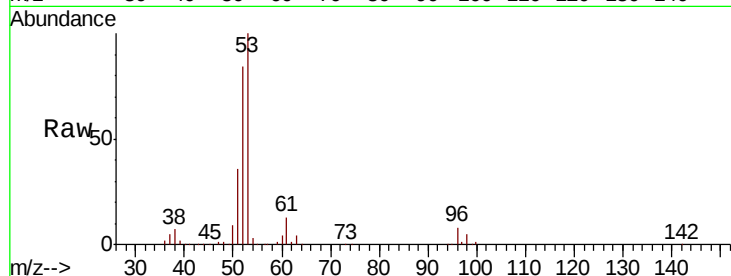
Tot Ion: 53 Resp: 303521

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

51 36.0 28.2 42.4



#16

Acetone

Concen: 256.788 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012888.D

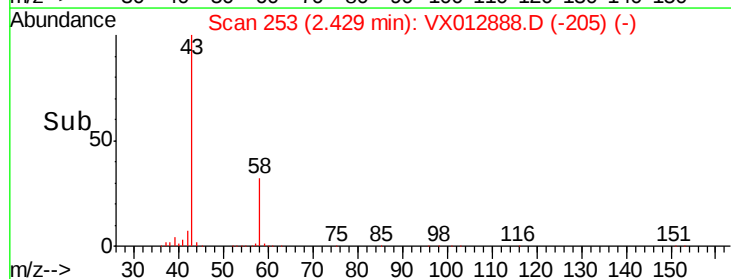
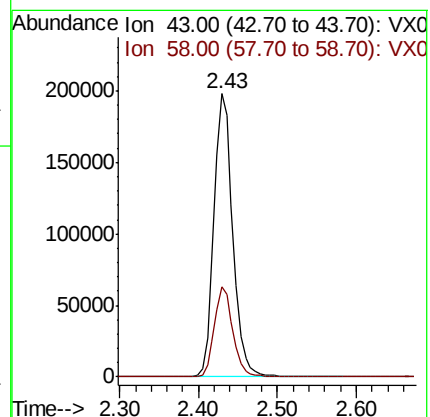
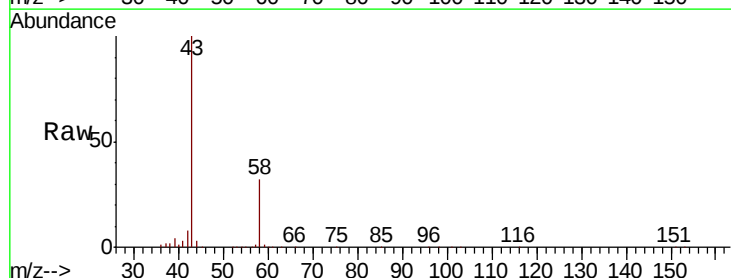
Acq: 08 Oct 2019 14:17

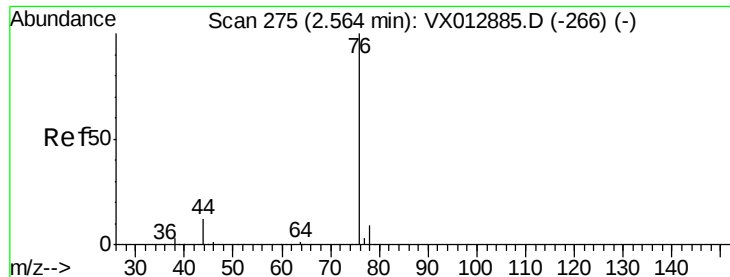
Tgt Ion: 43 Resp: 327270

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.2





#17

Carbon Disulfide

Concen: 51.282 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

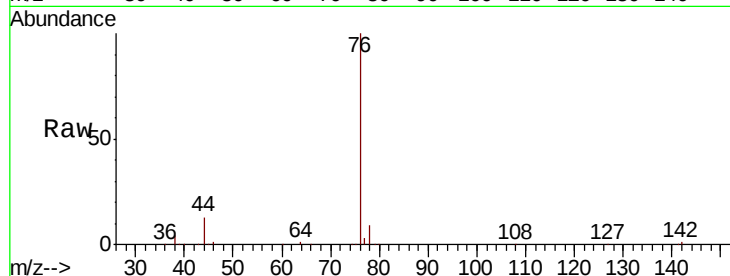
ClientSampleId :

Tot Ion: 76 Resp: 285858

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

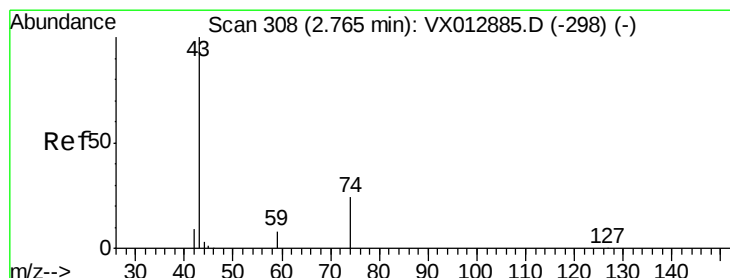
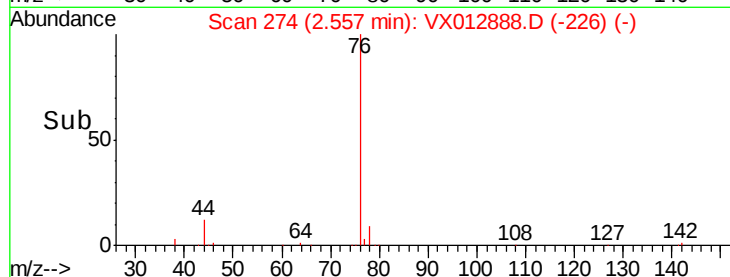
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 48.098 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012888.D

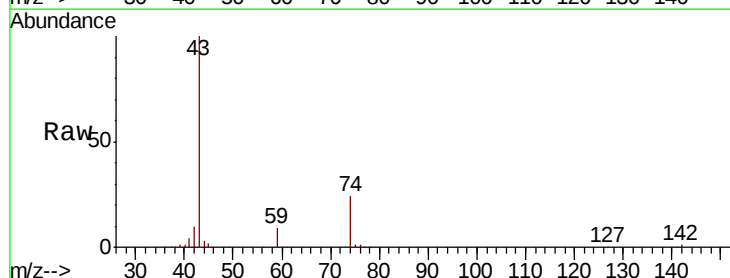
Acq: 08 Oct 2019 14:17

Tgt Ion: 43 Resp: 145296

Ion Ratio Lower Upper

43 100

74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

40000

20000

0

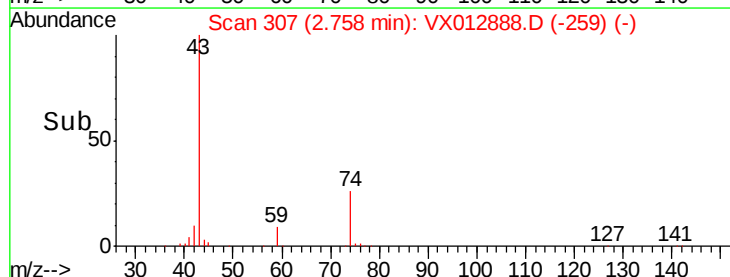
Time-->

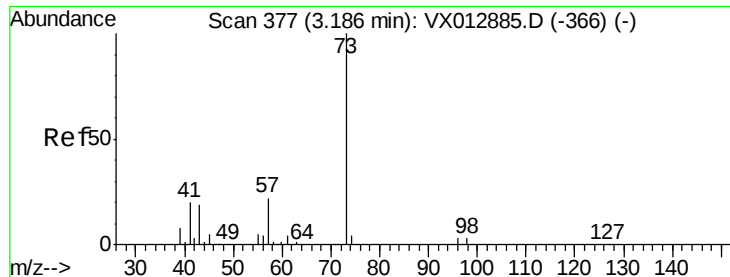
2.60

2.70

2.80

2.90



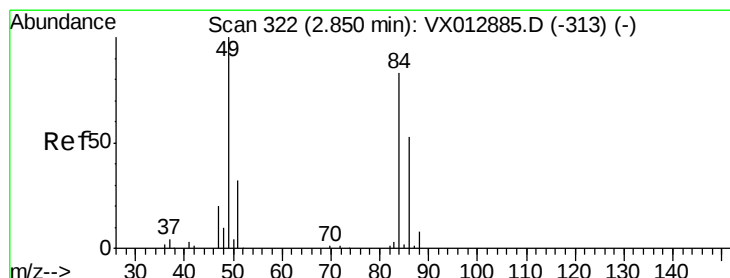
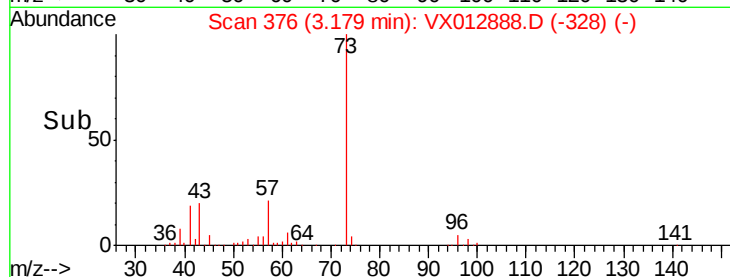
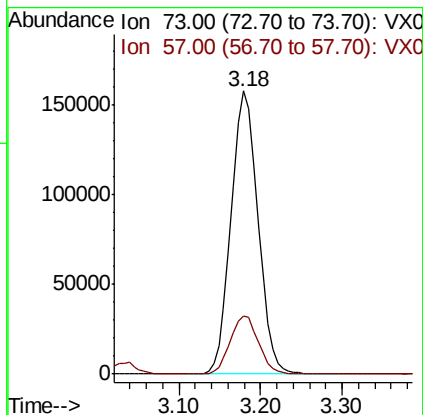
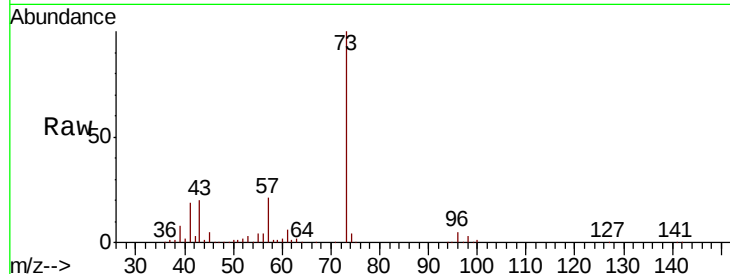


#19

Methyl tert-butyl Ether
 Concen: 53.215 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :

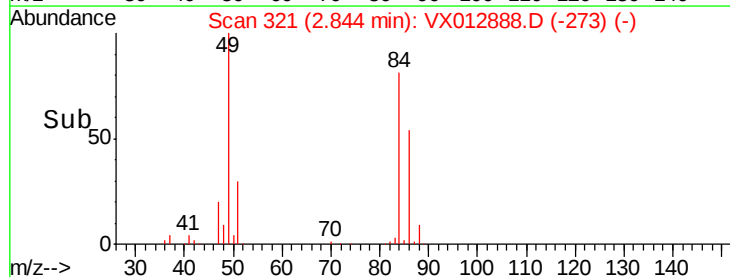
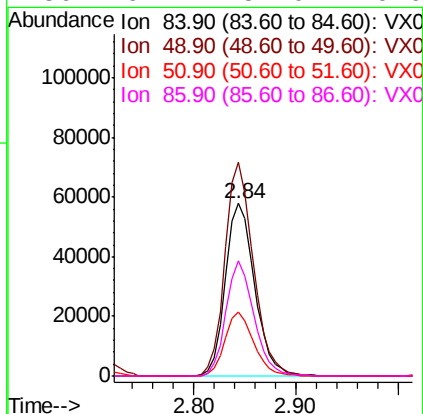
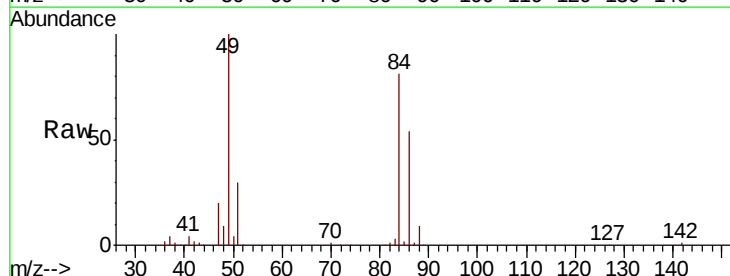
Tot Ion: 73 Resp: 359256
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.8 26.6

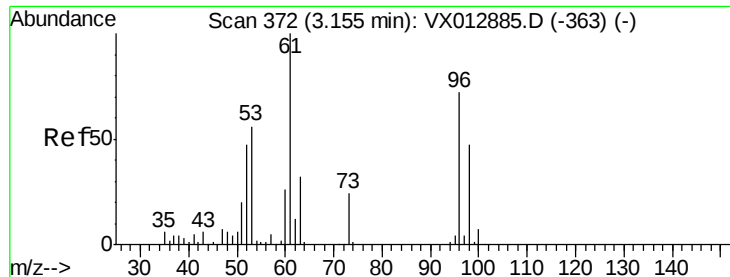


#20

Methylene Chloride
 Concen: 48.998 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 84 Resp: 114764
 Ion Ratio Lower Upper
 84 100
 49 124.0 96.6 144.8
 51 37.3 30.7 46.1
 86 67.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.474 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampled :

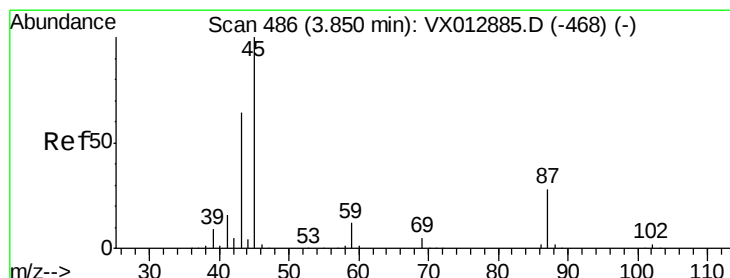
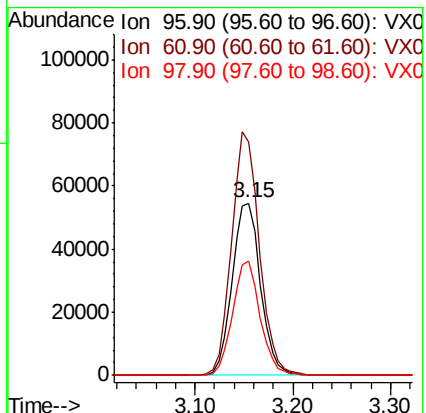
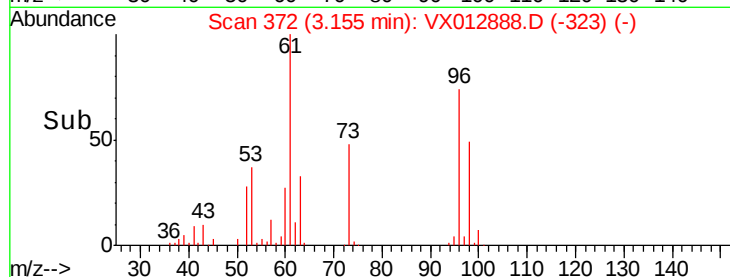
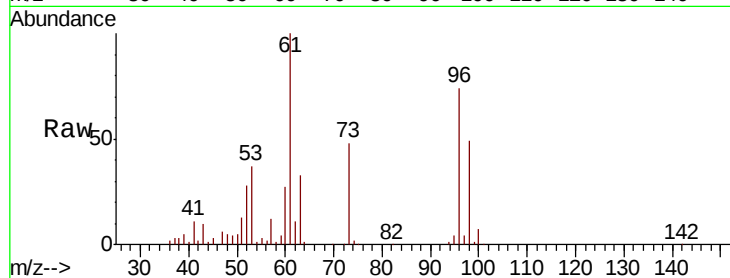
Tot Ion: 96 Resp: 109951

Ion Ratio Lower Upper

96 100

61 135.6 110.4 165.6

98 66.3 51.5 77.3



#22

Diisopropyl ether

Concen: 52.543 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion: 45 Resp: 350521

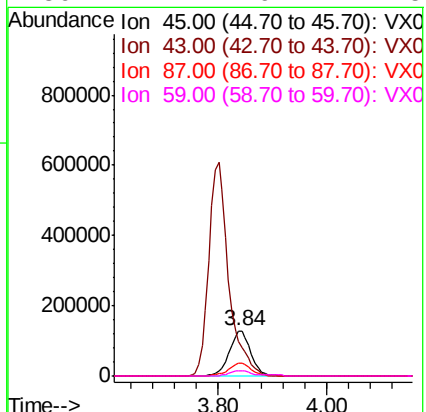
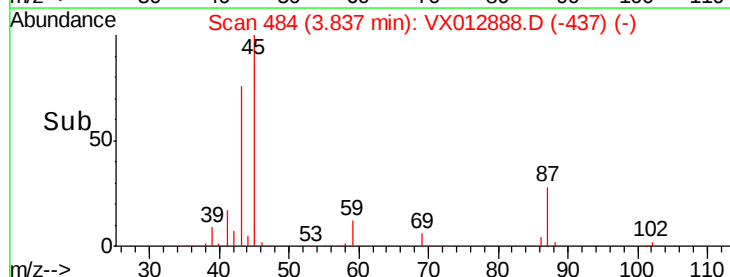
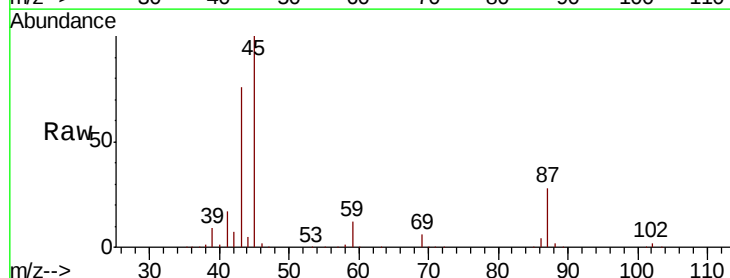
Ion Ratio Lower Upper

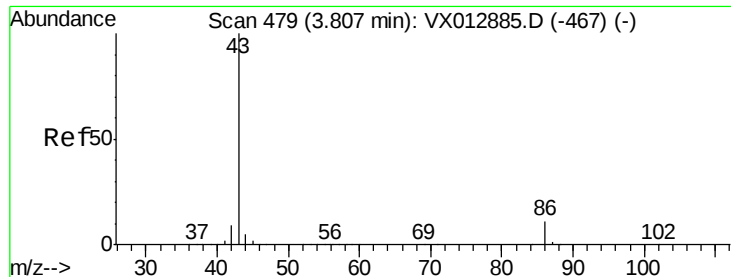
45 100

43 75.7 51.4 77.0

87 27.9 22.5 33.7

59 12.1 9.7 14.5

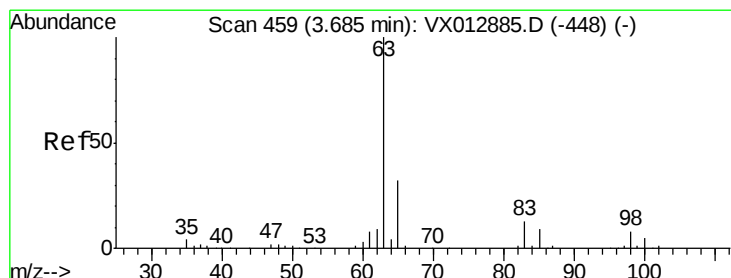
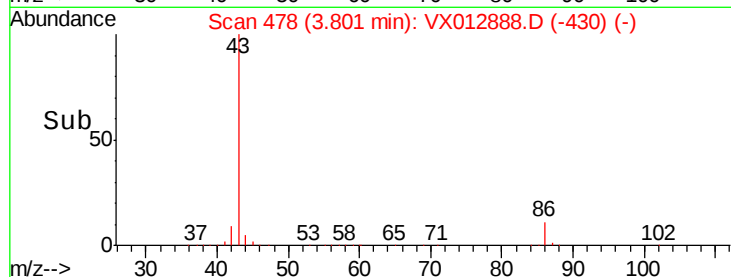
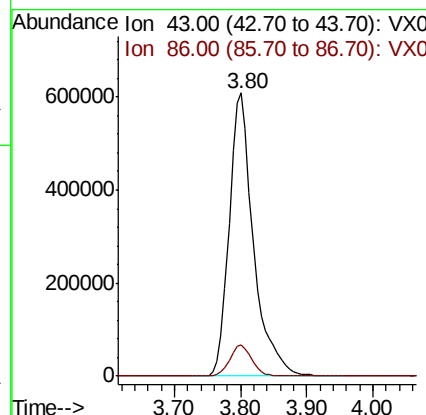
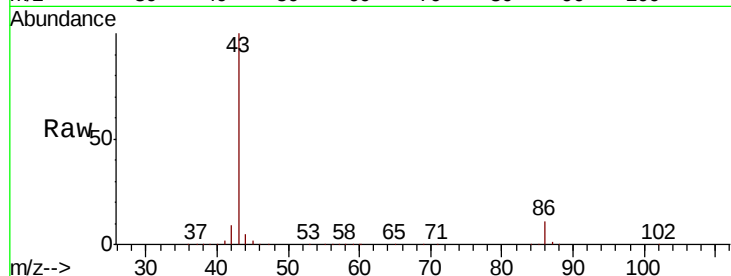




#23
 Vinyl Acetate
 Concen: 268.868 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

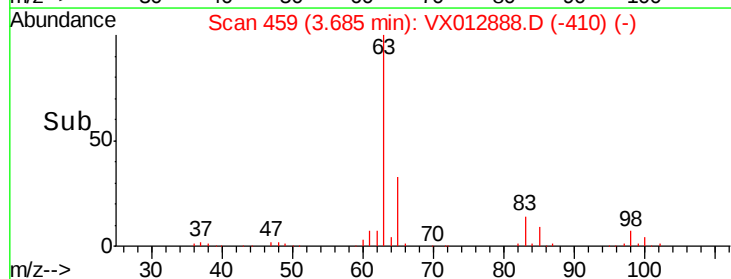
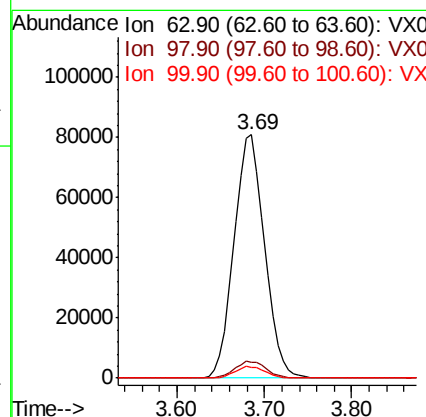
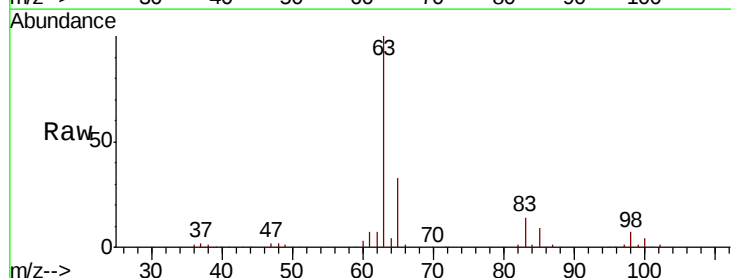
Instrument :
 MSVOA_X
 ClientSampleId :

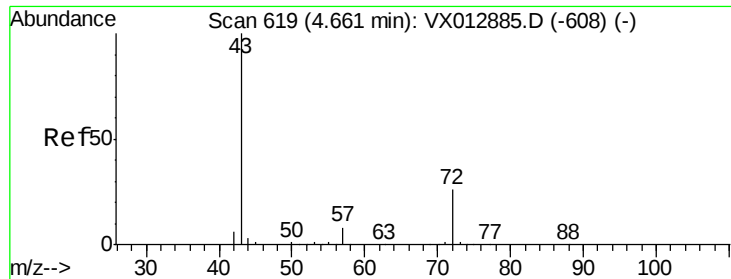
Tot Ion: 43 Resp: 1548412
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 52.390 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 63 Resp: 196620
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.5
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 251.168 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

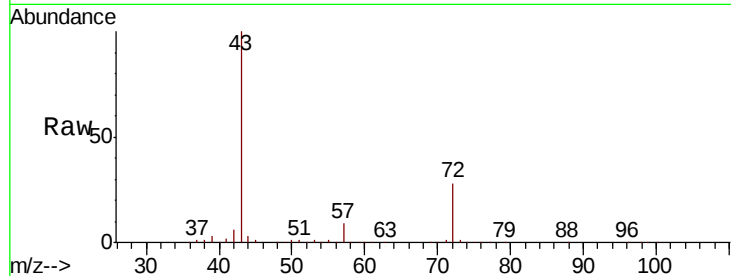
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 444105

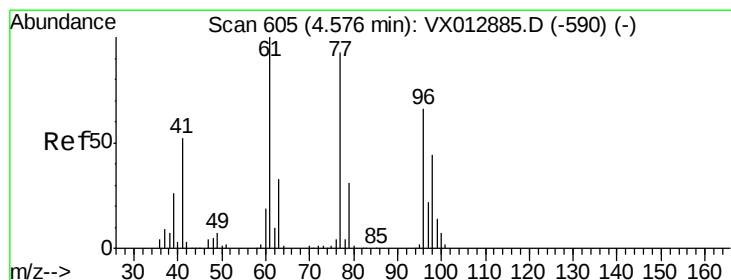
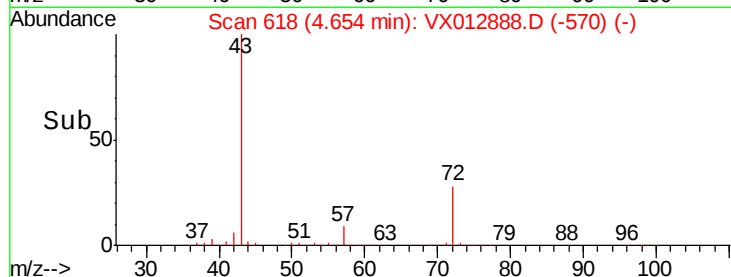
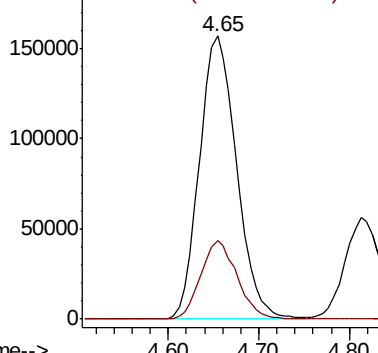
Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 55.162 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012888.D

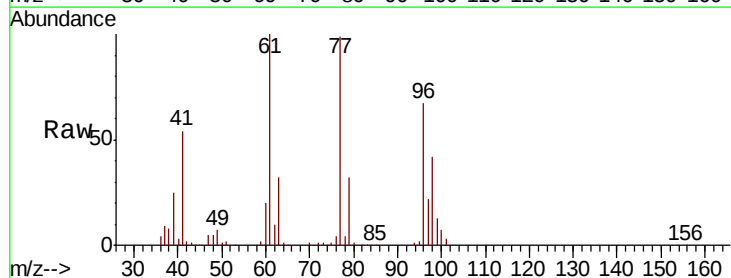
Acq: 08 Oct 2019 14:17

Tgt Ion: 77 Resp: 174088

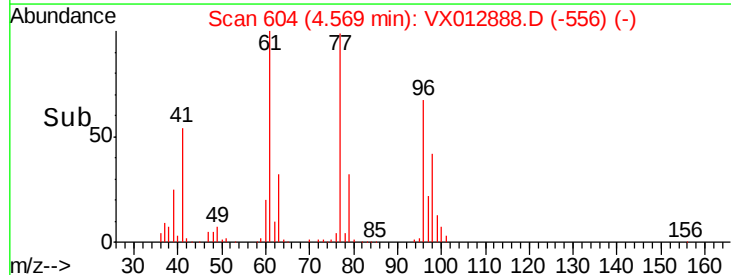
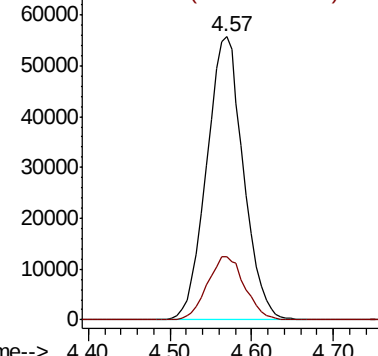
Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



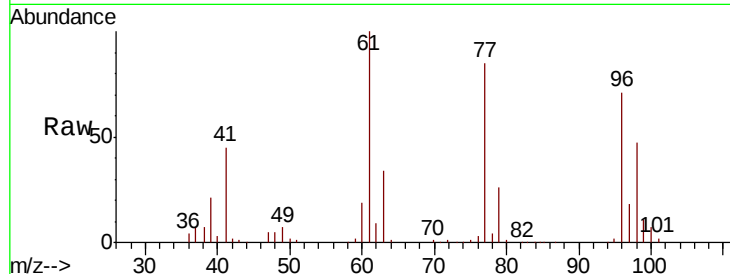


#27

cis-1,2-Dichloroethene
Concen: 51.264 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	290.6
98	65.2	0.0	128.8

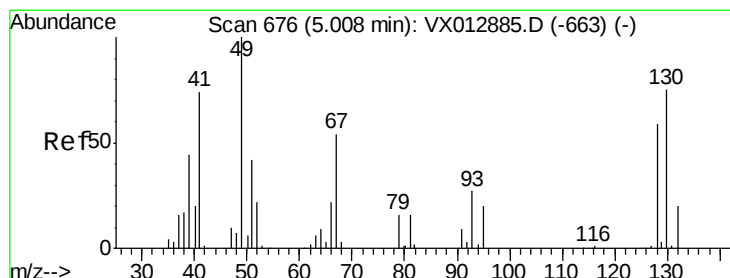
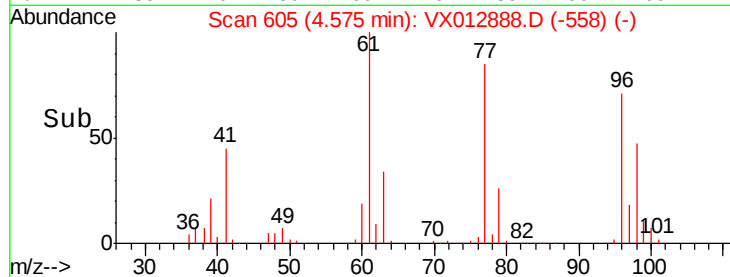
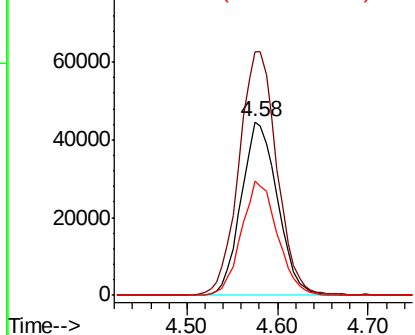


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

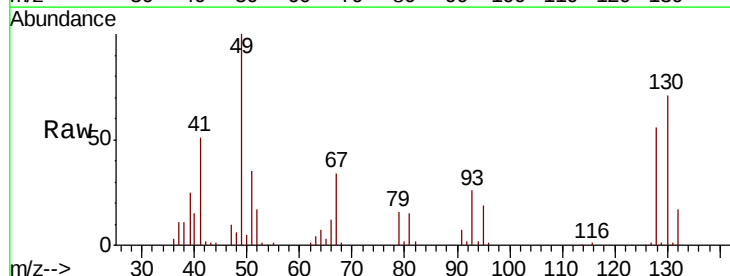
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.627 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.2
130	78.3	62.1	93.1

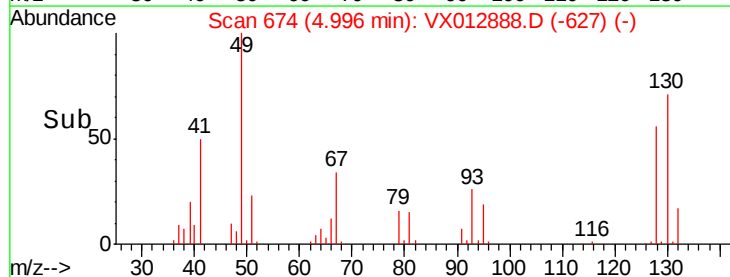
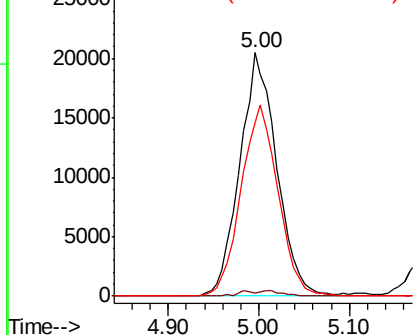


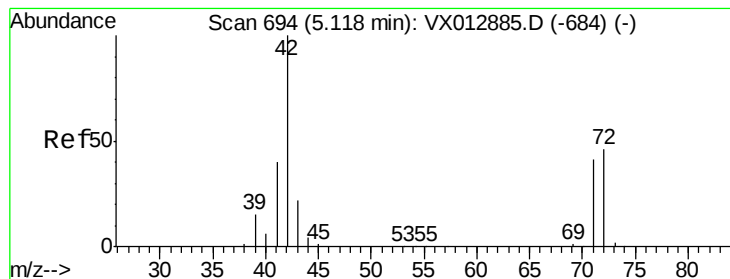
Abundance

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: 246.675 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

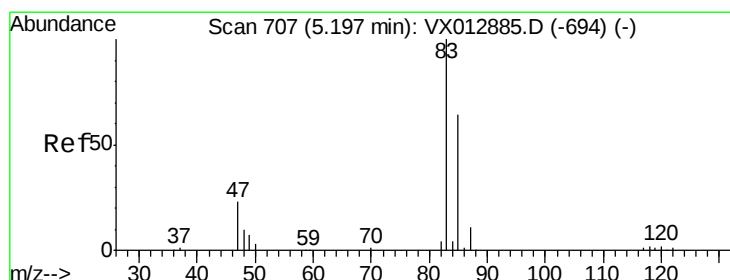
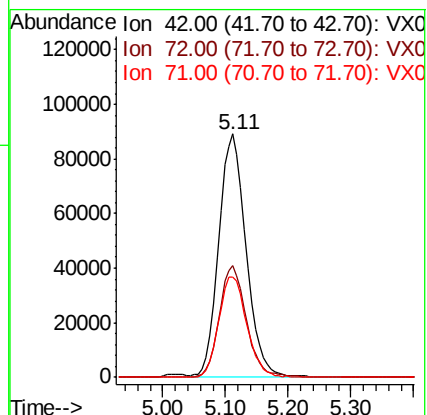
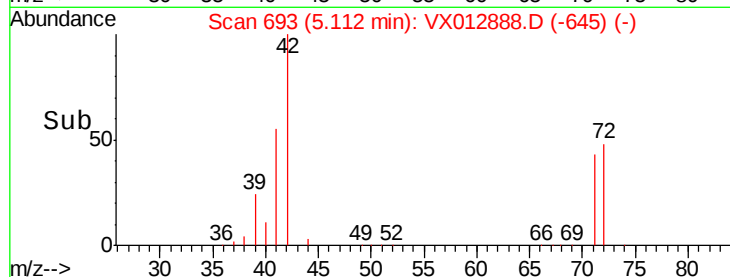
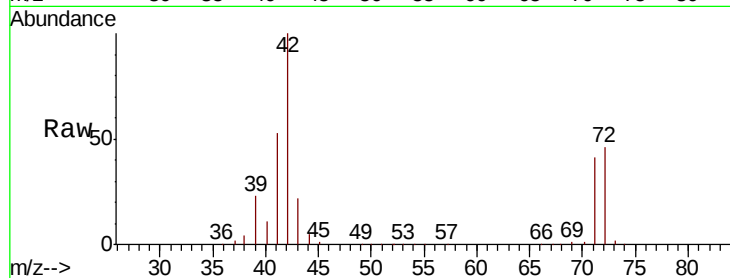
Tot Ion: 42 Resp: 268398

Ion Ratio Lower Upper

42 100

72 45.5 36.9 55.3

71 42.5 33.5 50.3



#30

Chloroform

Concen: 51.212 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012888.D

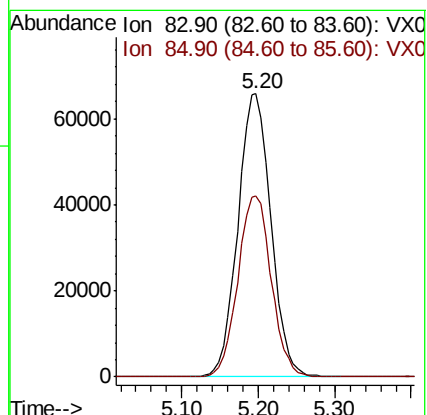
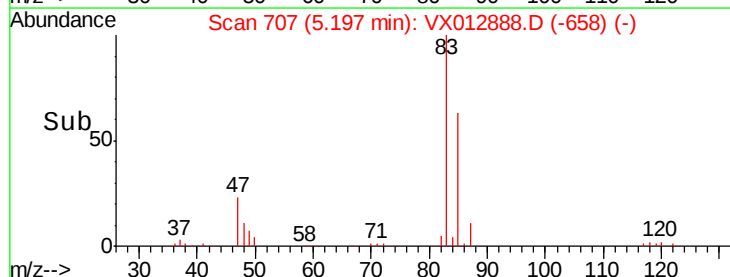
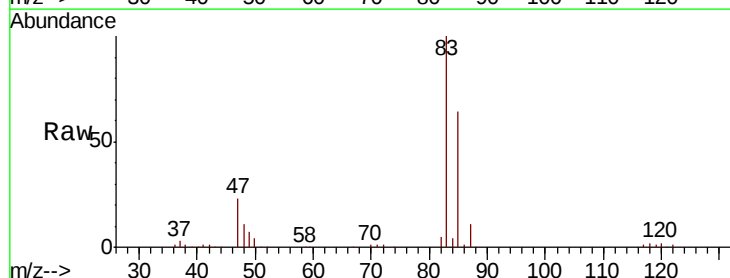
Acq: 08 Oct 2019 14:17

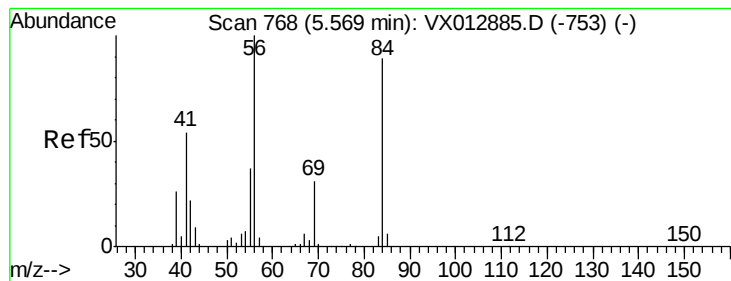
Tgt Ion: 83 Resp: 197213

Ion Ratio Lower Upper

83 100

85 63.9 51.5 77.3





#31

Cyclohexane

Concen: 52.425 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampled :

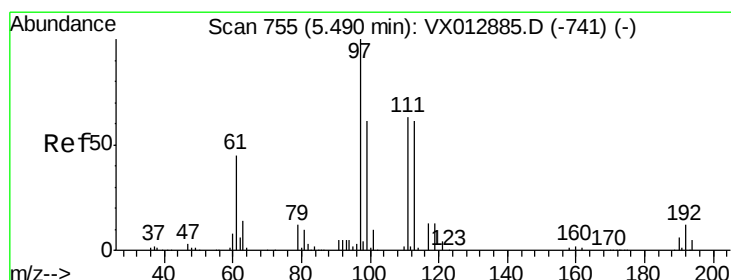
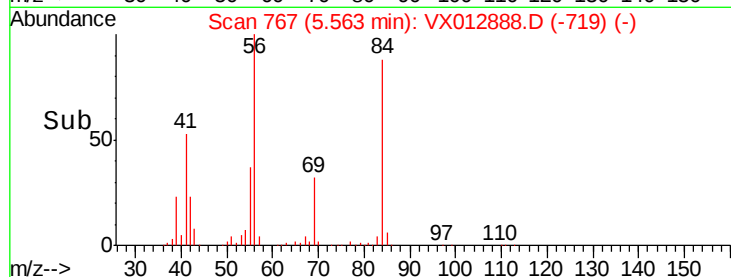
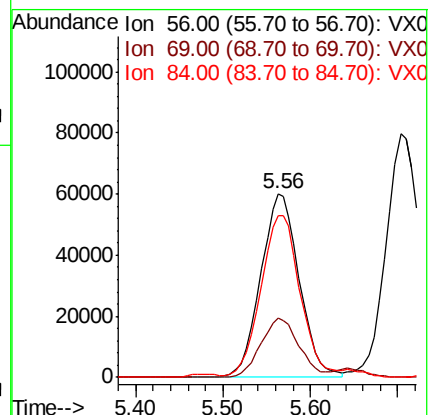
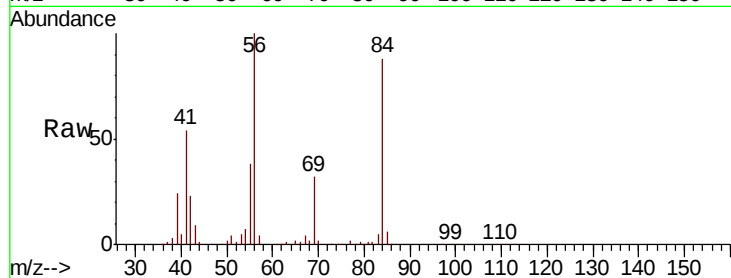
Tot Ion: 56 Resp: 183977

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

84 86.5 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 54.326 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

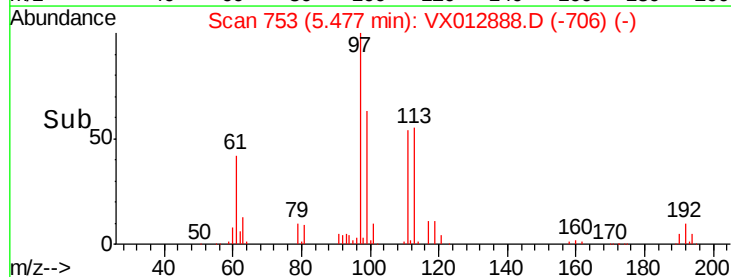
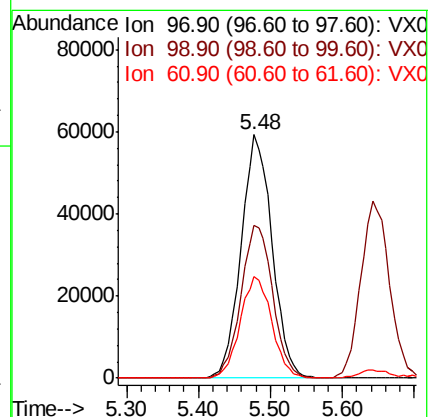
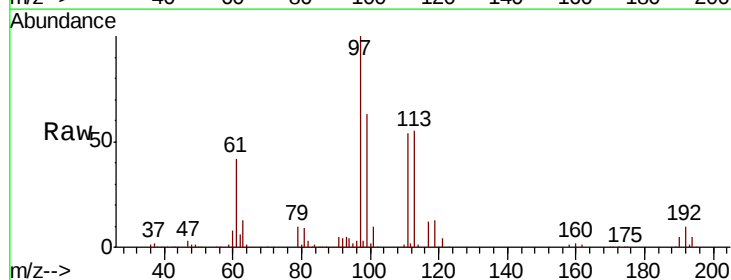
Tgt Ion: 97 Resp: 177259

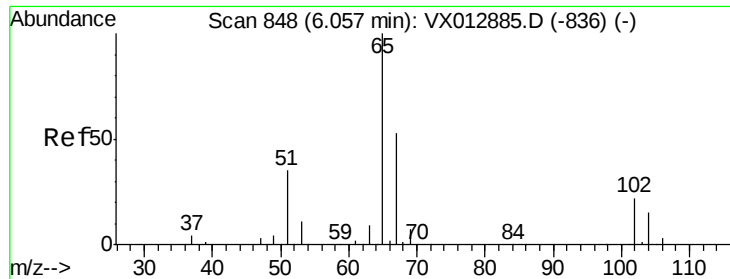
Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

61 42.6 35.0 52.4

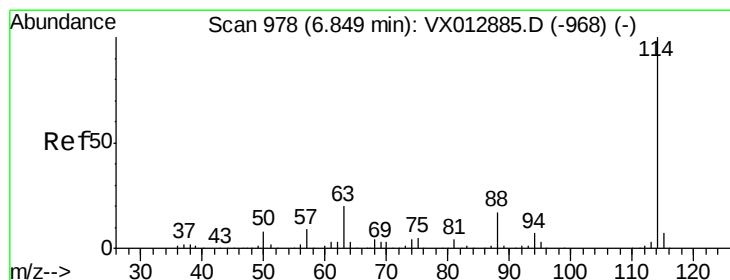
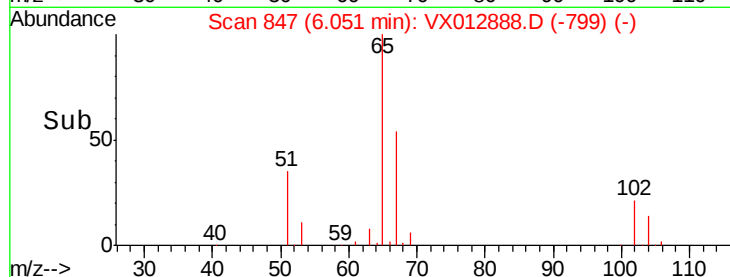
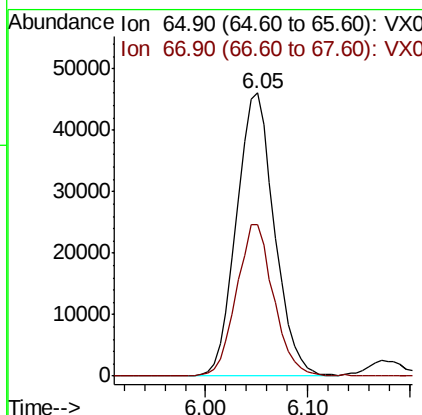
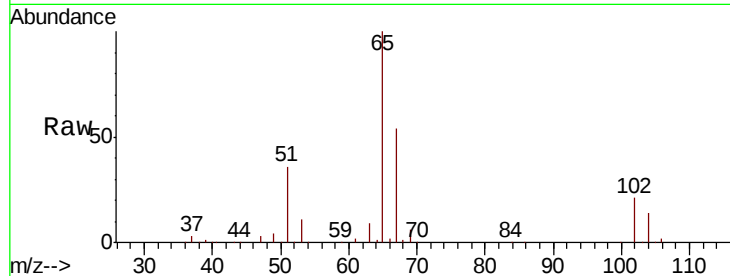




#33
 1,2-Dichloroethane-d4
 Concen: 49.243 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

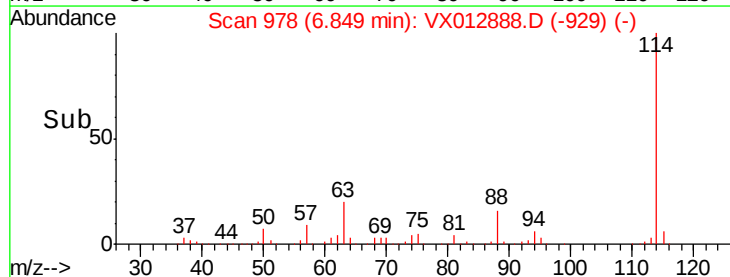
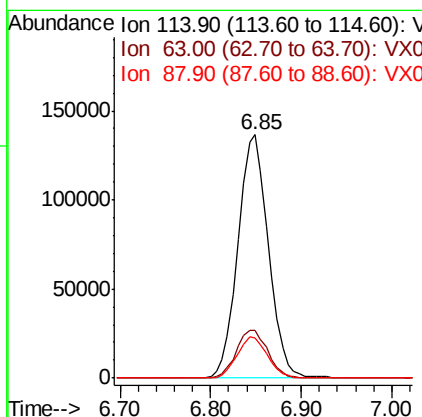
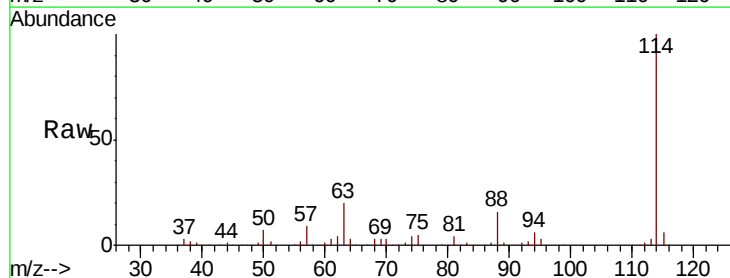
Instrument :
 MSVOA_X
 ClientSampled :

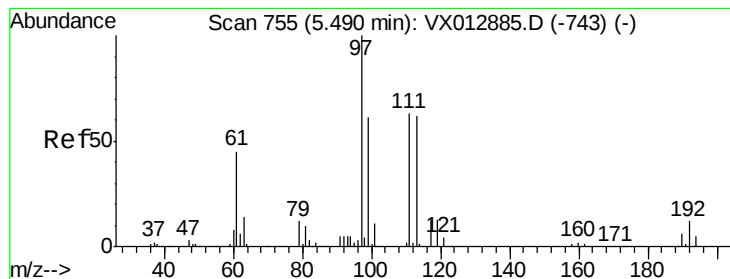
Tot Ion: 65 Resp: 119065
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 114 Resp: 317954
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.655 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

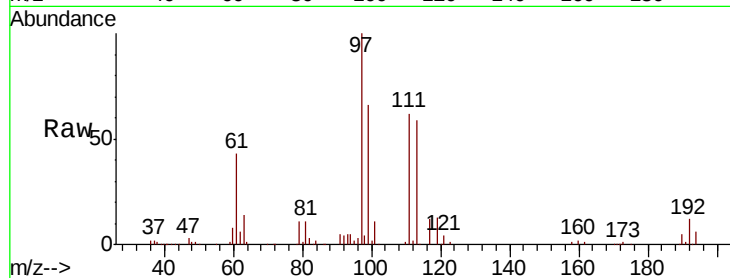
Tot Ion:113 Resp: 96090

Ion Ratio Lower Upper

113 100

111 101.1 83.2 124.8

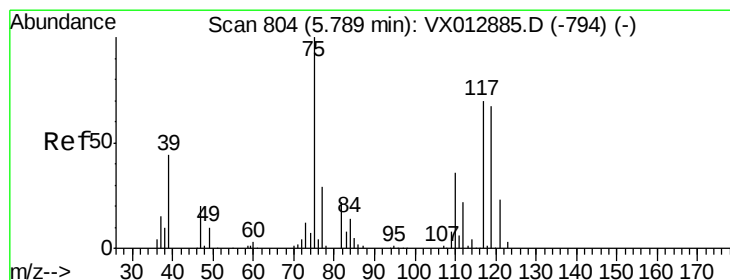
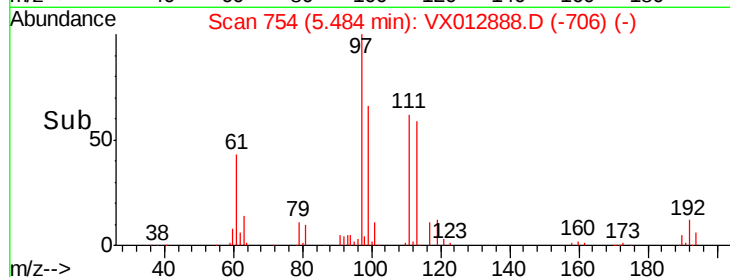
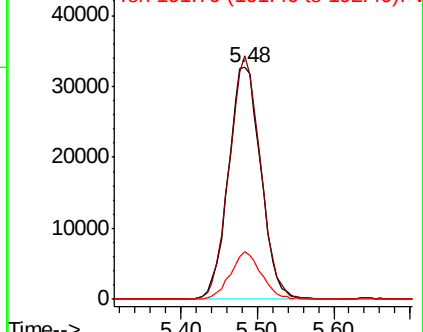
192 19.4 15.4 23.2



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: 54.824 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

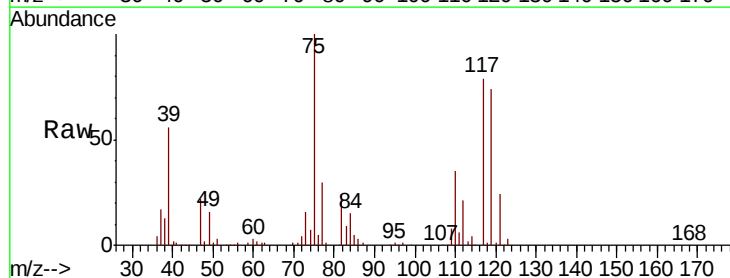
Tgt Ion: 75 Resp: 153258

Ion Ratio Lower Upper

75 100

110 35.0 17.6 52.9

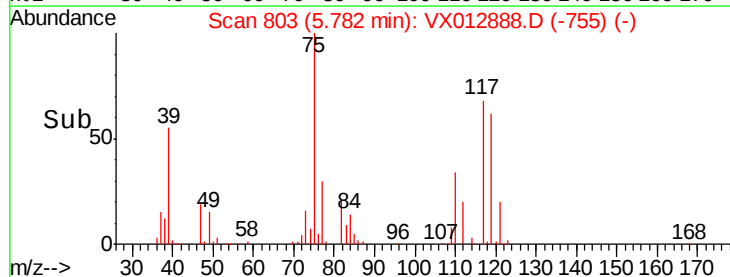
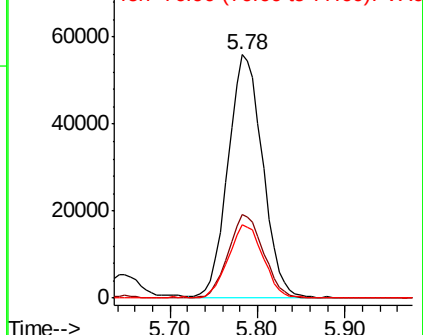
77 30.6 24.4 36.6

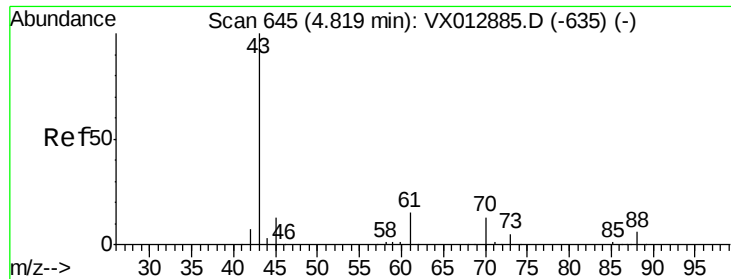


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

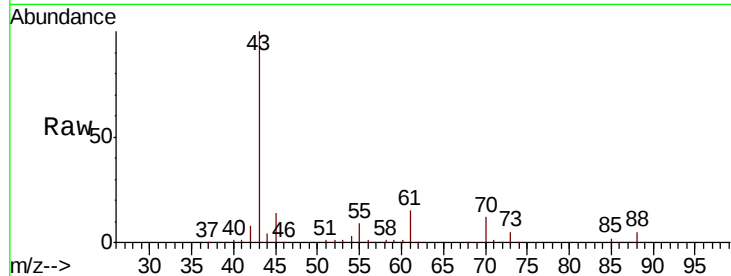




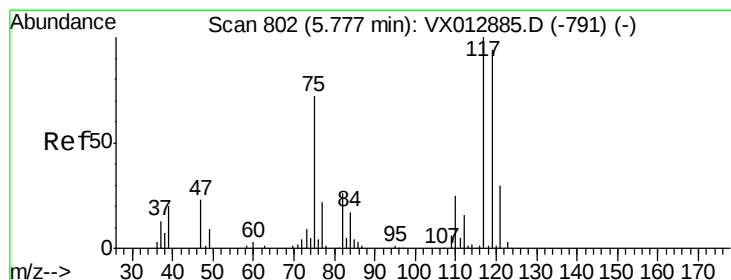
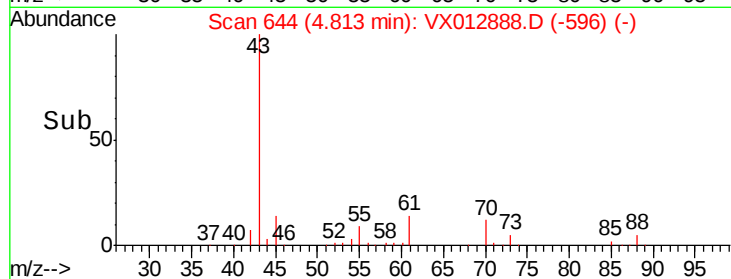
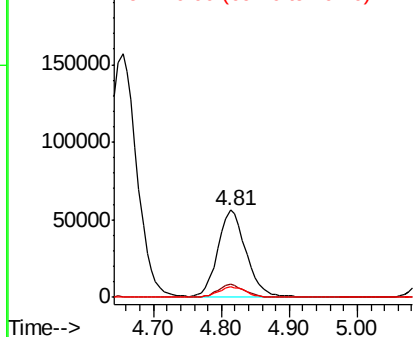
#37
Ethyl Acetate
Concen: 51.600 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 161296
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 12.0 9.8 14.6

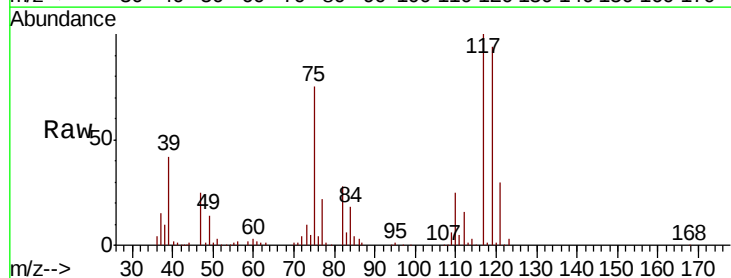


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

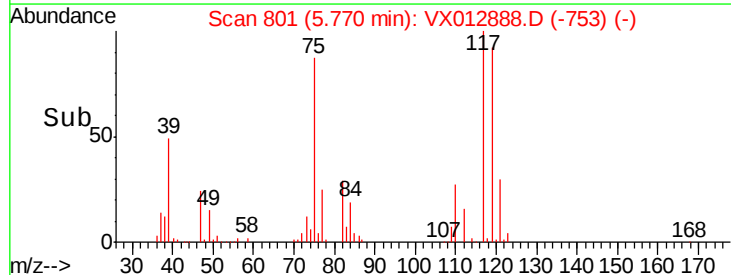
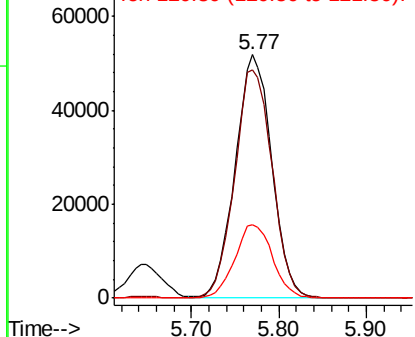


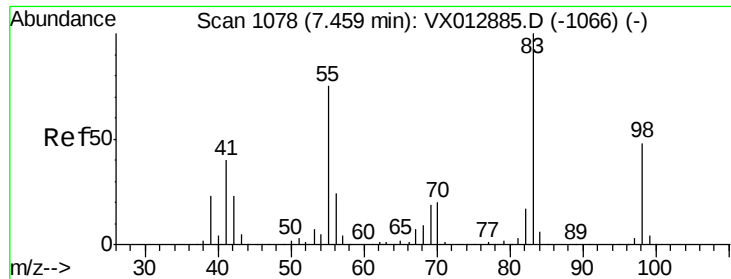
#38
Carbon Tetrachloride
Concen: 55.316 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 117 Resp: 150512
Ion Ratio Lower Upper
117 100
119 93.6 74.5 111.7
121 30.3 24.2 36.4



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

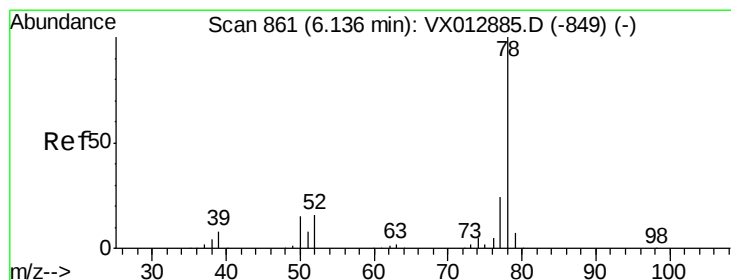
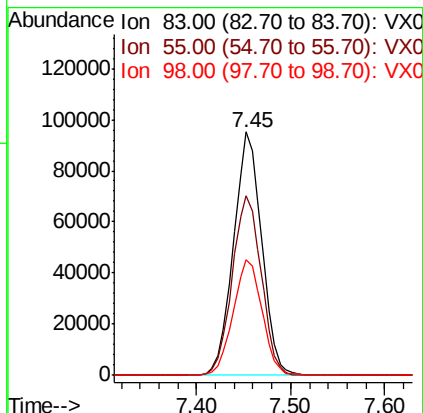
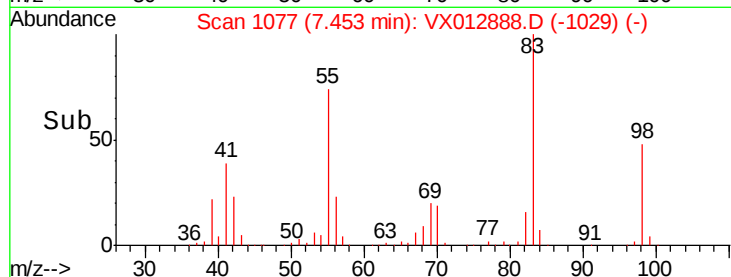
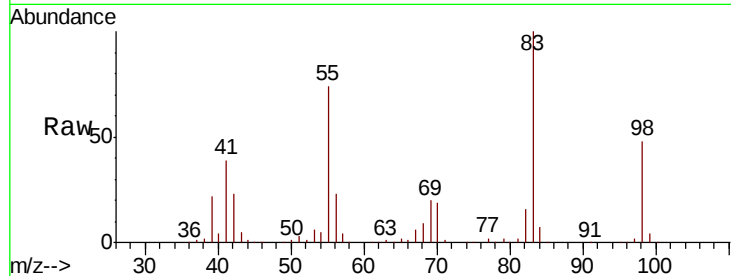




#39
Methvlcvclohexane
Concen: 58.600 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

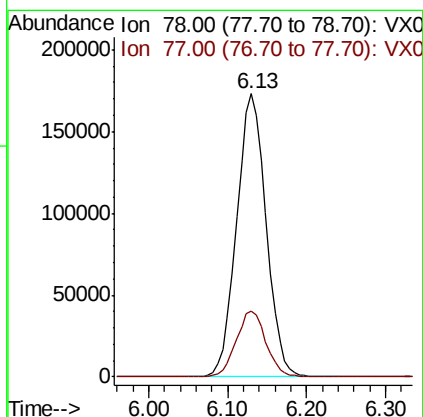
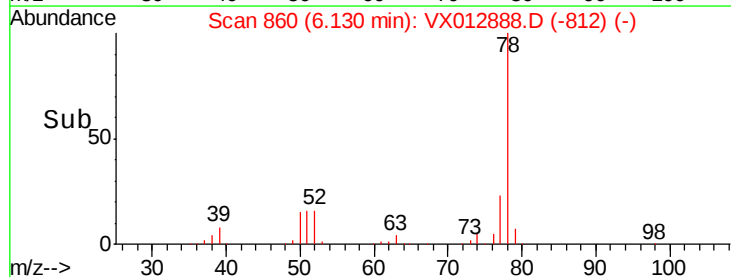
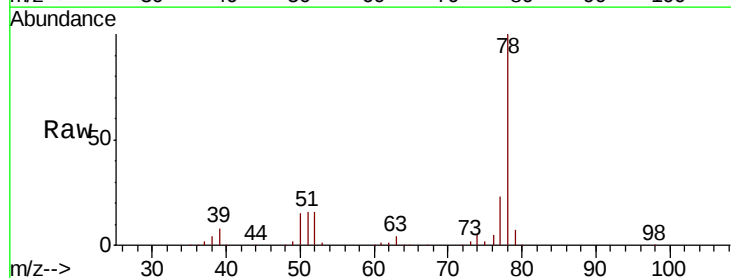
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 198662
Ion Ratio Lower Upper
83 100
55 74.0 60.2 90.4
98 47.7 38.5 57.7



#40
Benzene
Concen: 54.532 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 78 Resp: 450243
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

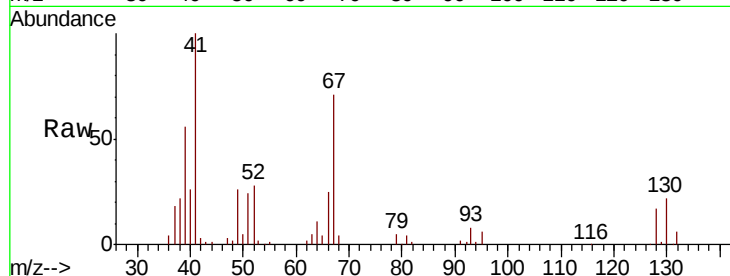




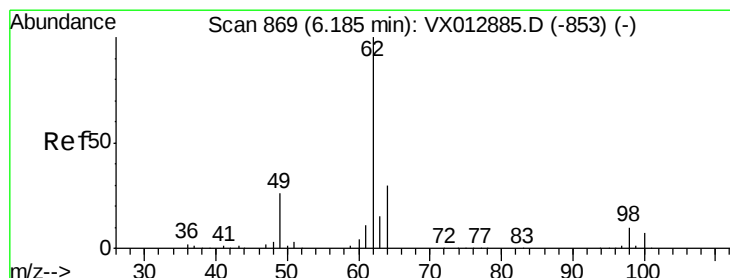
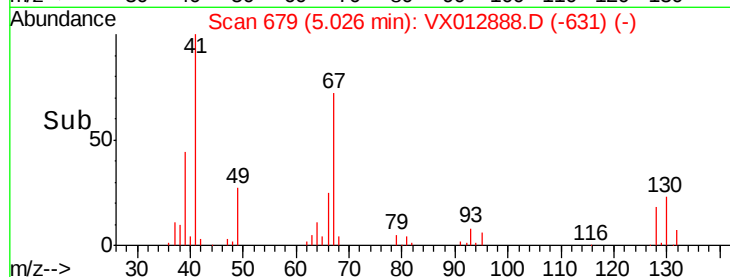
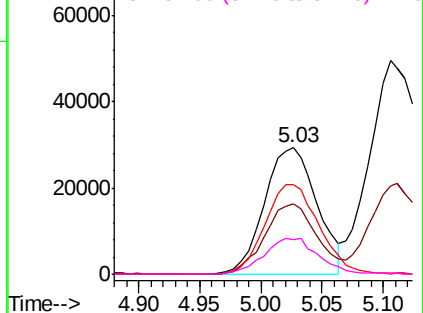
#41
Methacrylonitrile
Concen: 51.178 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	87904
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	73.7	58.5	87.7
52	29.2	23.8	35.8

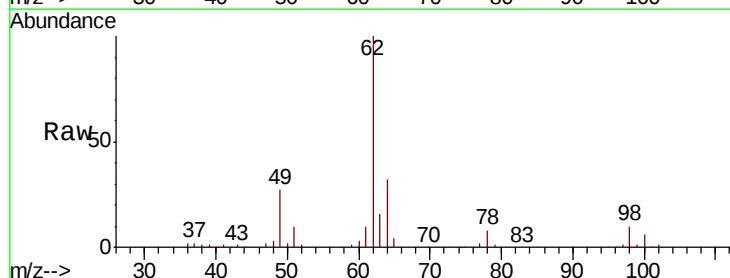


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

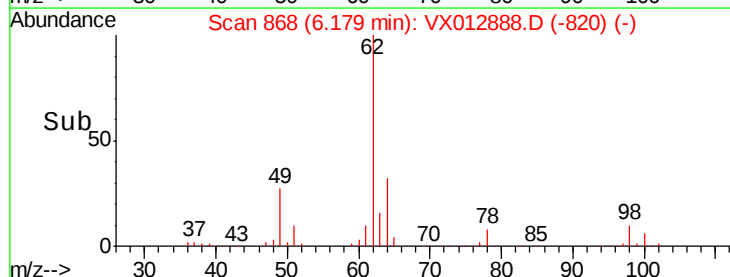
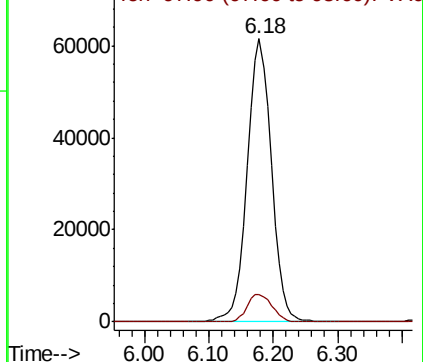


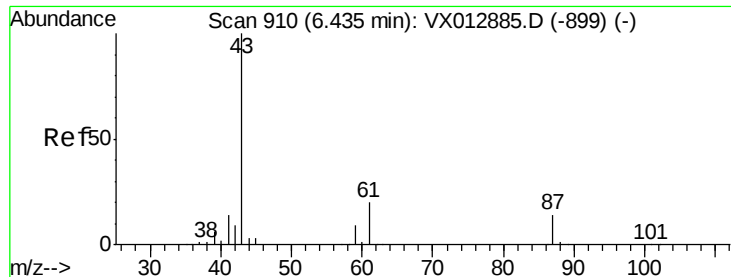
#42
1,2-Dichloroethane
Concen: 53.425 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion:	62	Resp:	158279
Ion	Ratio	Lower	Upper
62	100		
98	10.2	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: 53.989 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampled :

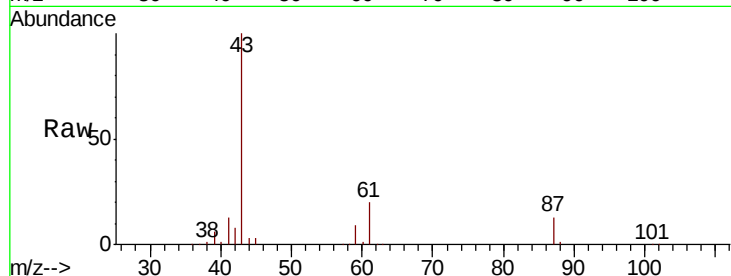
Tot Ion: 43 Resp: 270871

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

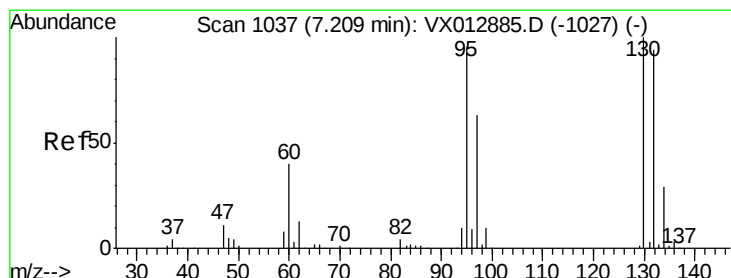
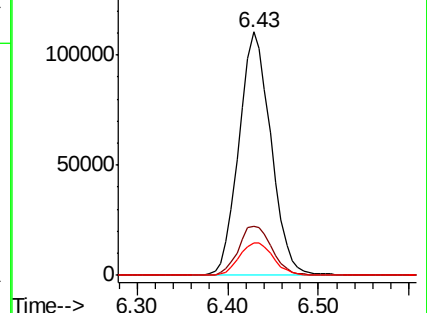
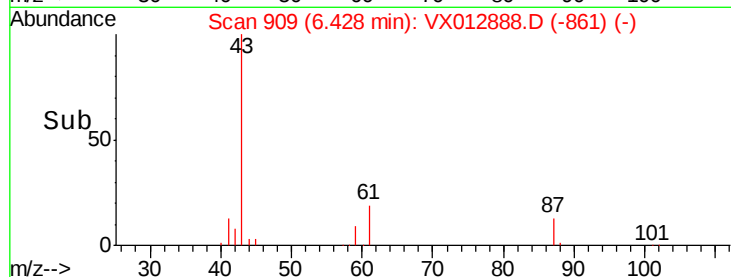
87 14.1 11.0 16.6



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: 51.803 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012888.D

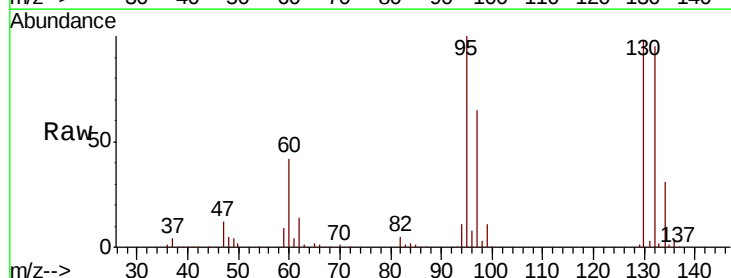
Acq: 08 Oct 2019 14:17

Tgt Ion:130 Resp: 118605

Ion Ratio Lower Upper

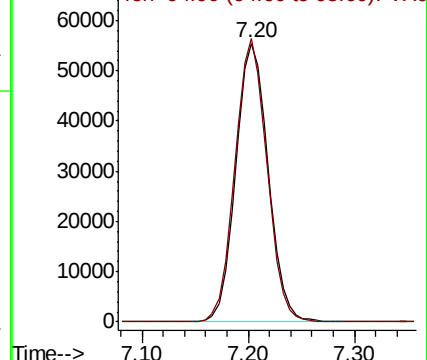
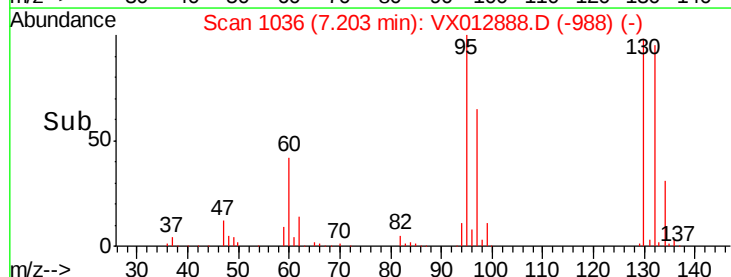
130 100

95 101.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

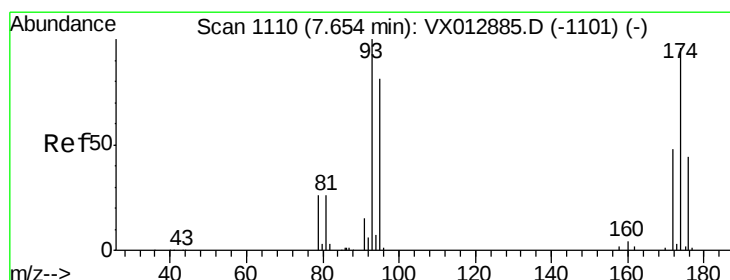
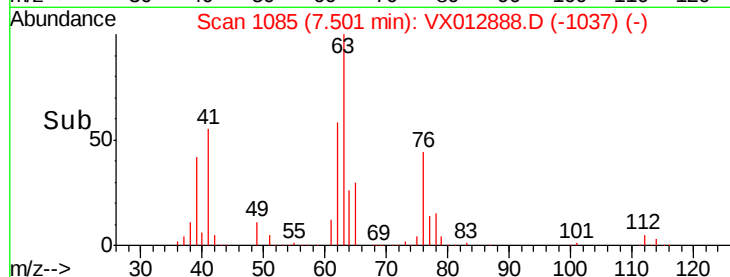
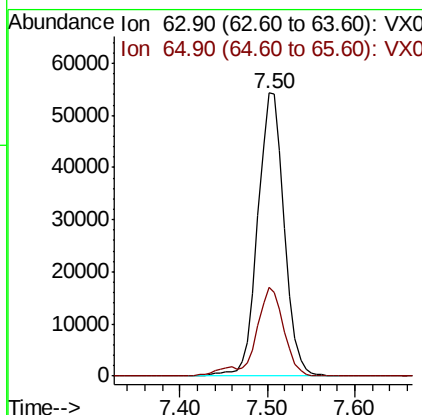
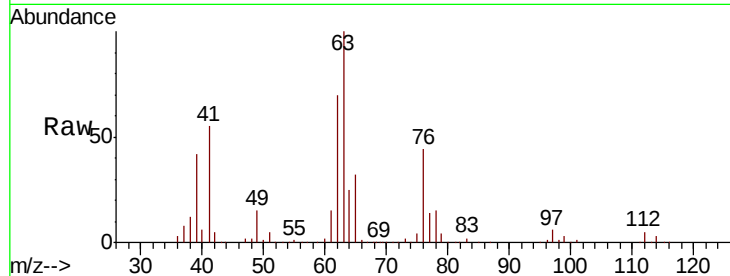




#45
 1,2-Dichloropropane
 Concen: 54.392 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

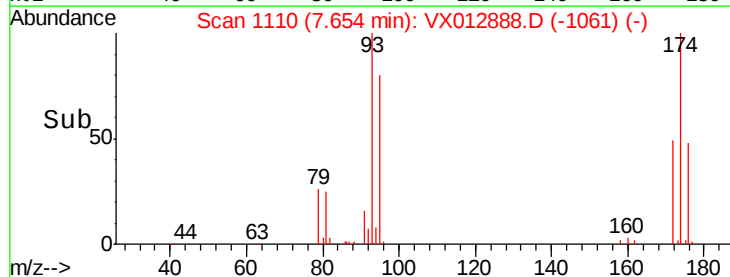
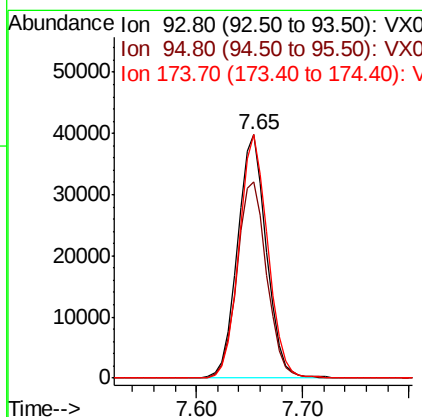
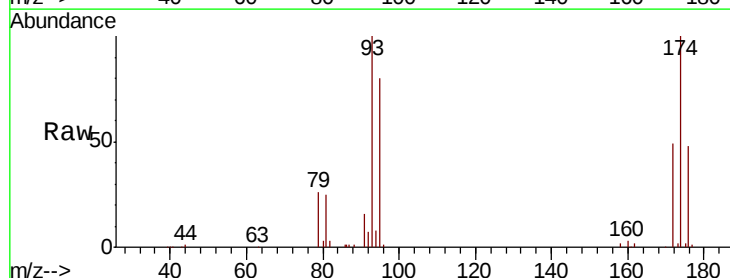
Instrument :
 MSVOA_X
 ClientSampleId :

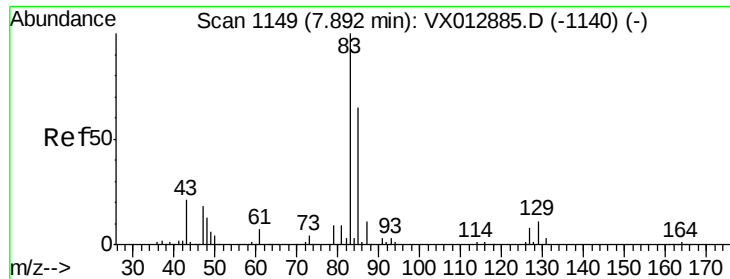
Tot Ion: 63 Resp: 114457
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#46
 Dibromomethane
 Concen: 54.119 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 93 Resp: 75875
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.3 99.5
 174 99.3 77.8 116.6





#47

Bromodichloromethane

Concen: 56.847 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampled :

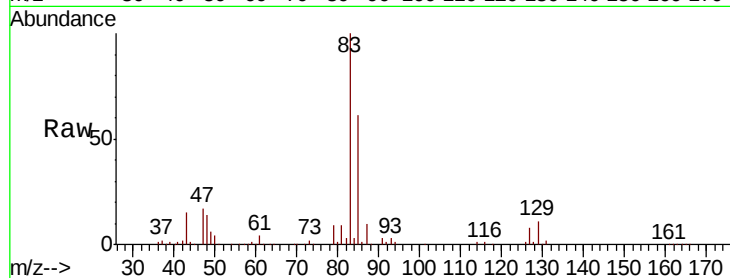
Tot Ion: 83 Resp: 155536

Ion Ratio Lower Upper

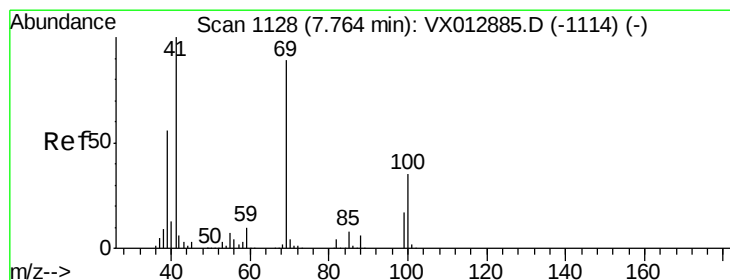
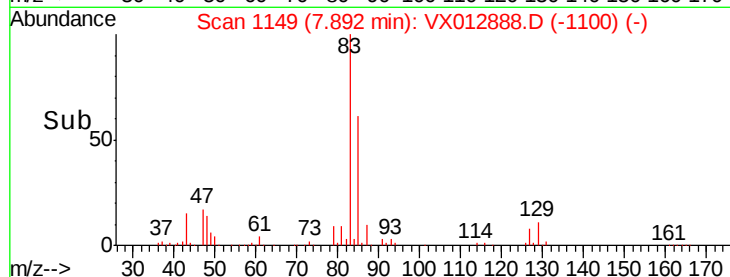
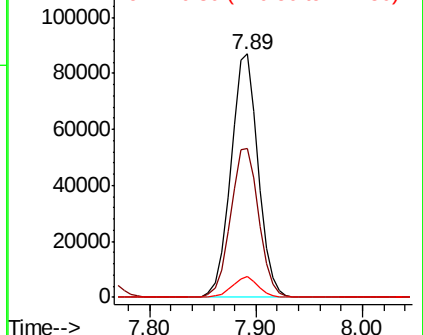
83 100

85 61.4 52.4 78.6

127 8.3 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: 54.280 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

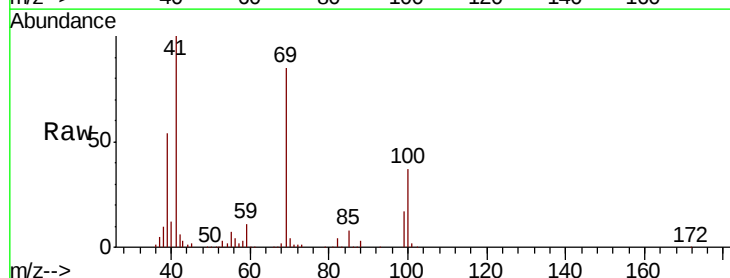
Tgt Ion: 41 Resp: 132708

Ion Ratio Lower Upper

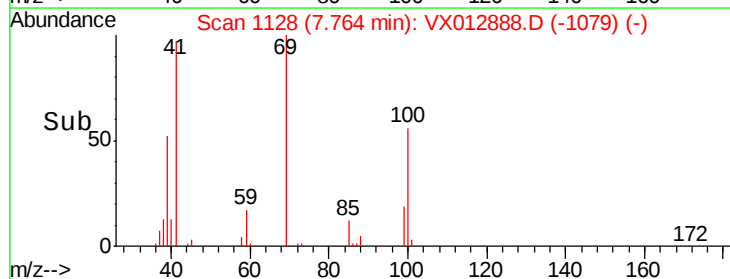
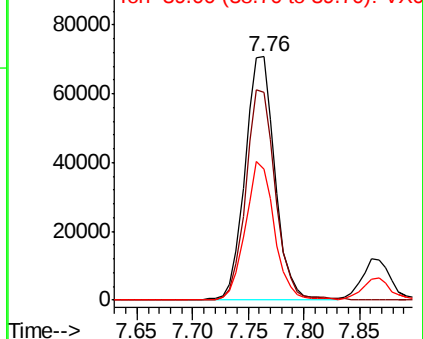
41 100

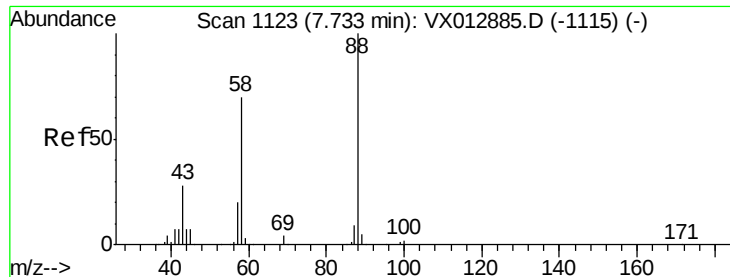
69 85.4 68.7 103.1

39 55.0 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

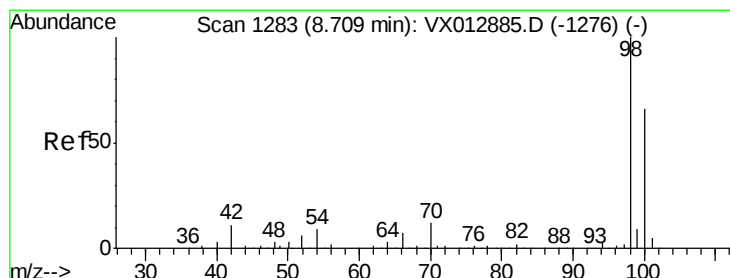
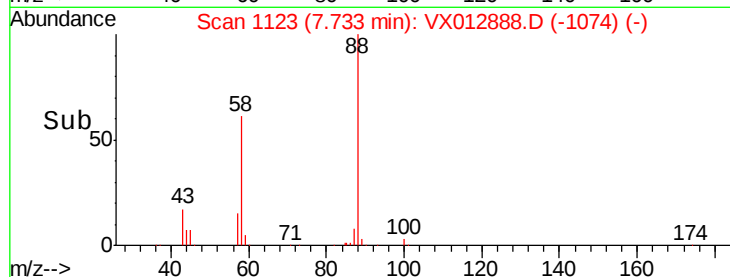
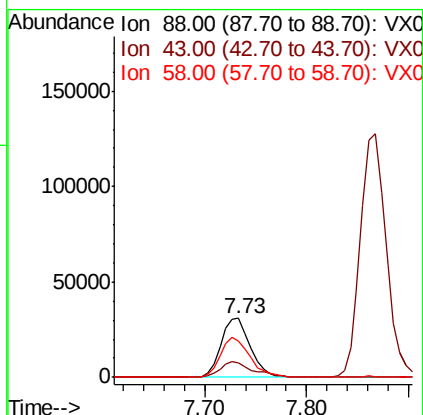
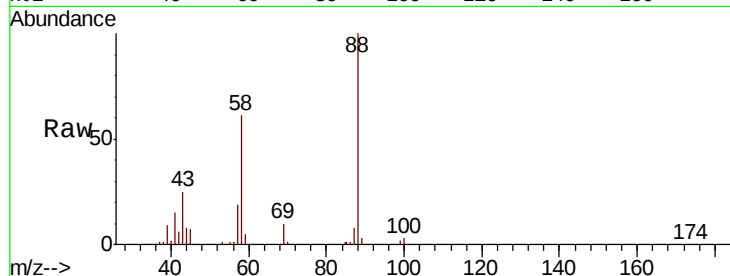




#49
1,4-Dioxane
Concen: 947.449 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

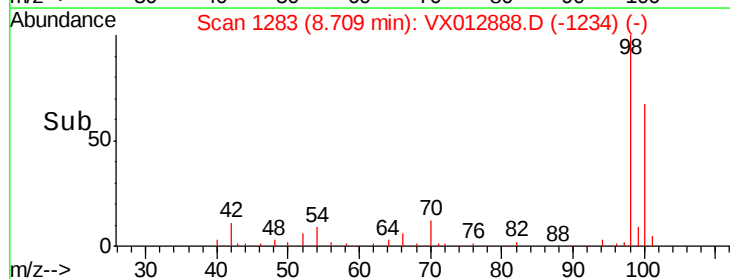
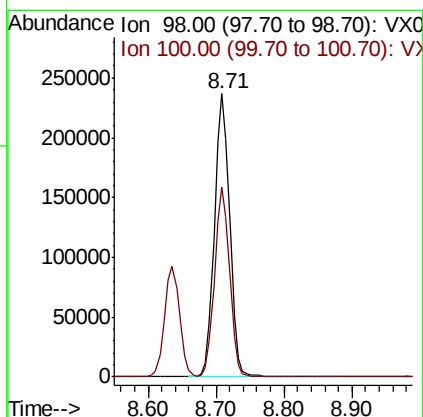
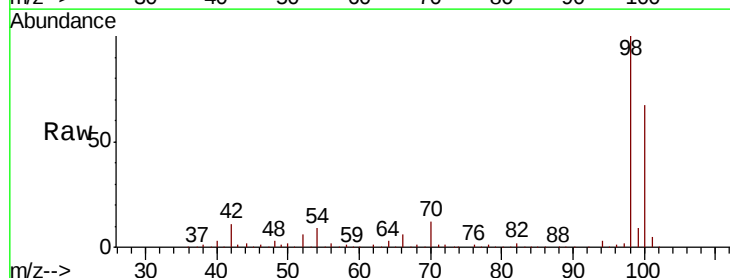
Instrument :
MSVOA_X
ClientSampleId :

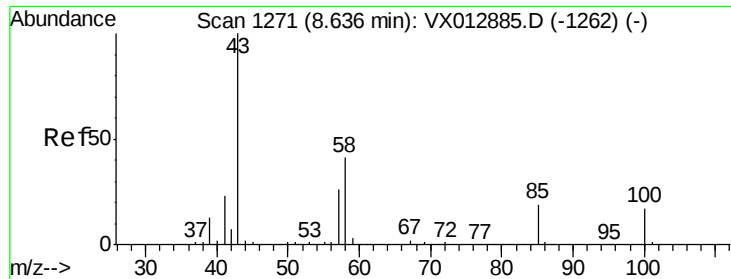
Tot Ion: 88 Resp: 62037
Ion Ratio Lower Upper
88 100
43 30.2 25.0 37.6
58 68.2 55.4 83.2



#50
Toluene-d8
Concen: 51.830 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 98 Resp: 368900
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 260.780 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

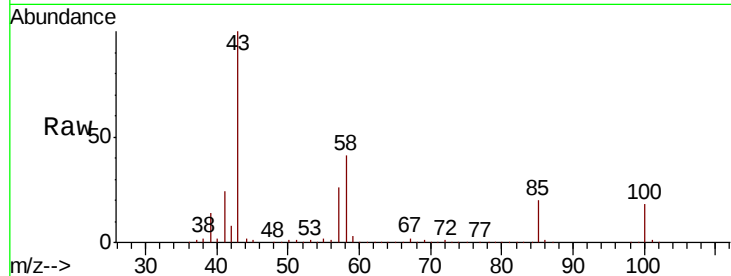
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 815735

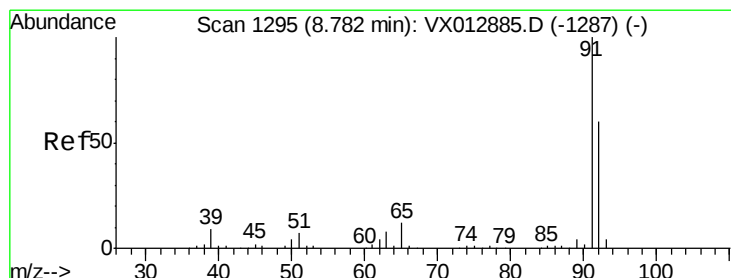
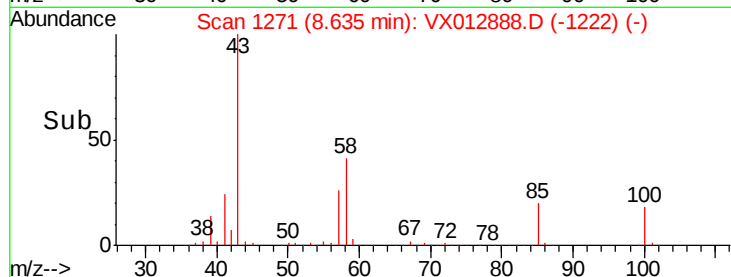
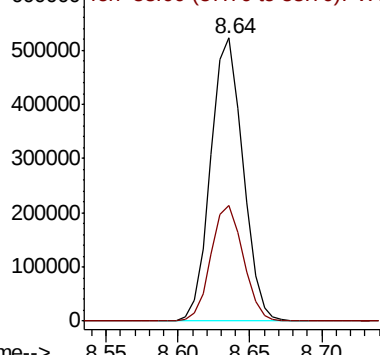
Ion Ratio Lower Upper

43 100

58 40.7 32.4 48.6



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



#52

Toluene

Concen: 54.613 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012888.D

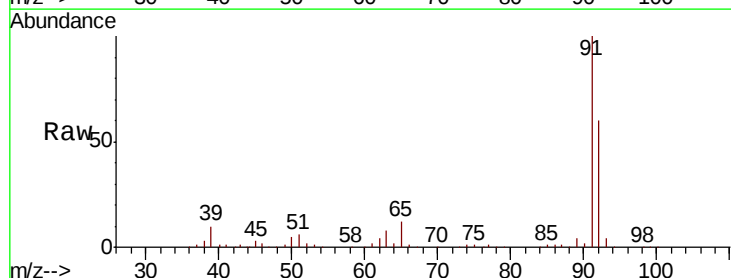
Acq: 08 Oct 2019 14:17

Tgt Ion: 92 Resp: 288470

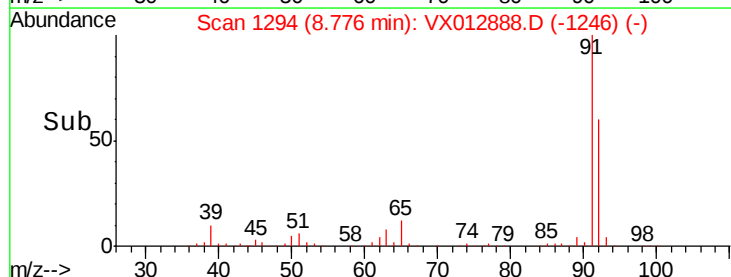
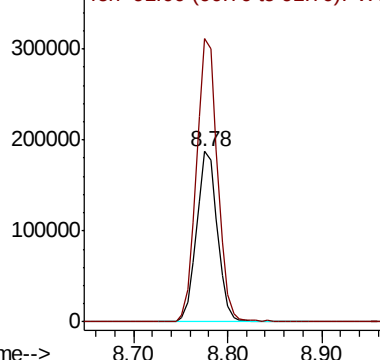
Ion Ratio Lower Upper

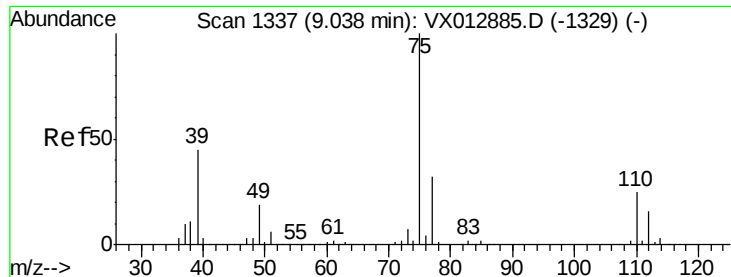
92 100

91 167.9 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

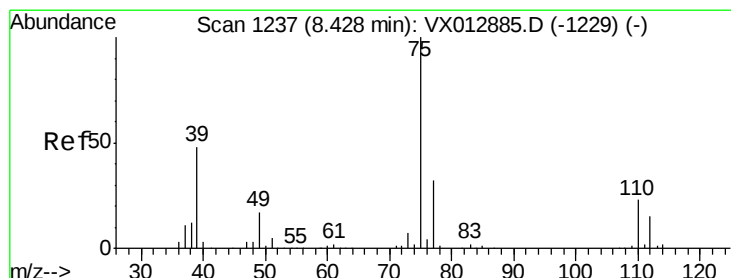
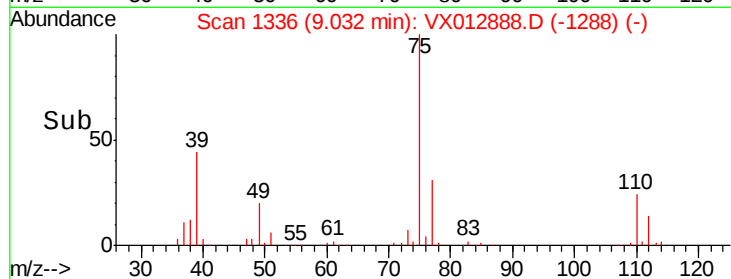
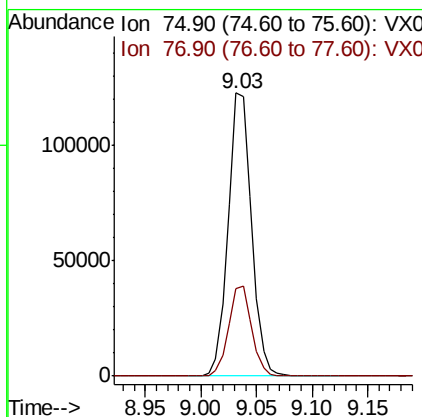
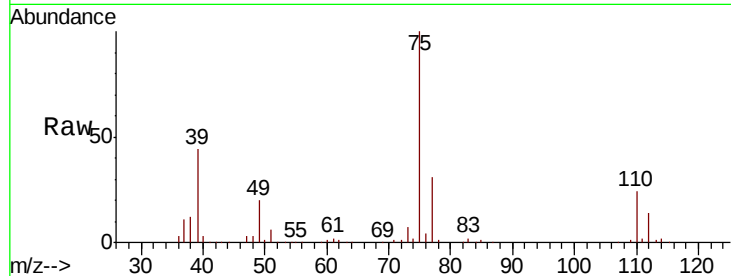




#53
 t-1,3-Dichloropropene
 Concen: 52.081 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

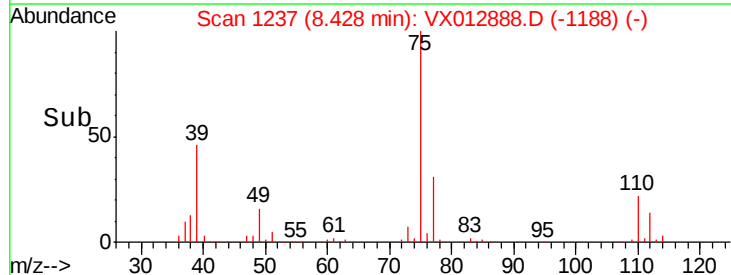
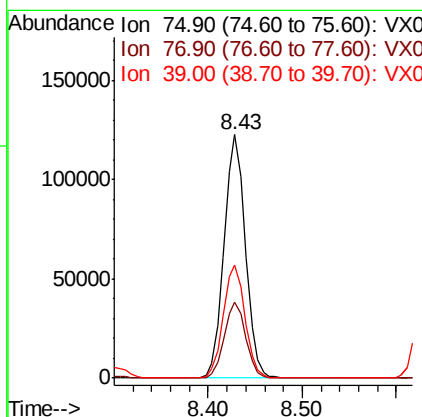
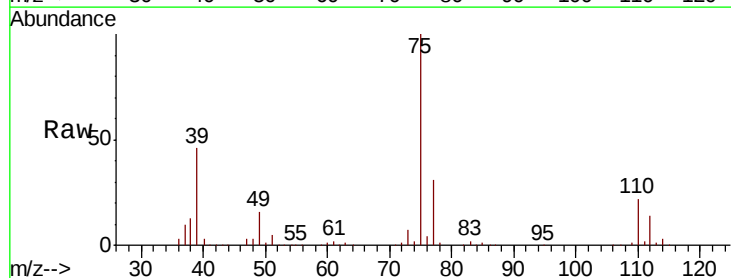
Instrument :
 MSVOA_X
 ClientSampled :

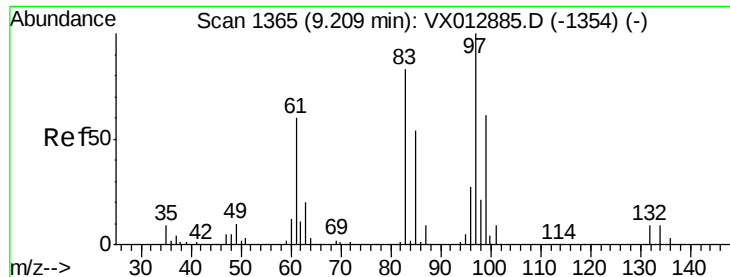
Tot Ion: 75 Resp: 178151
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 57.173 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 75 Resp: 192392
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 46.2 38.2 57.2

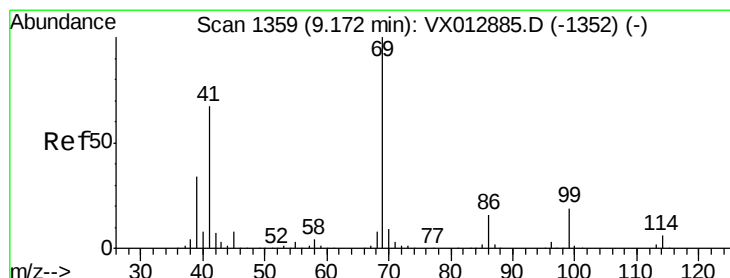
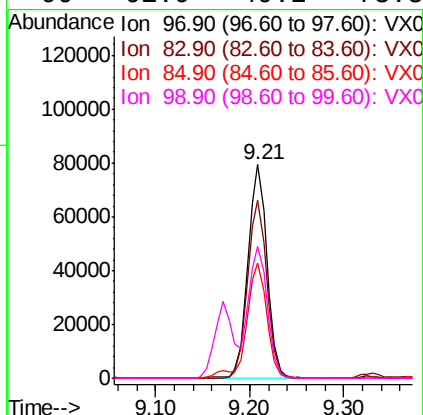
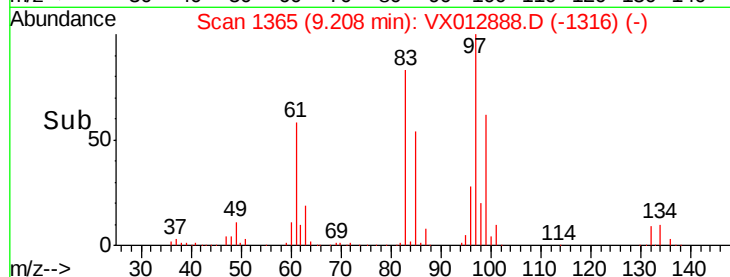
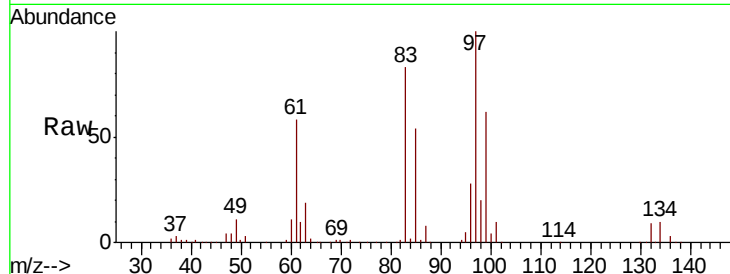




#55
 1,1,2-Trichloroethane
 Concen: 53.837 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

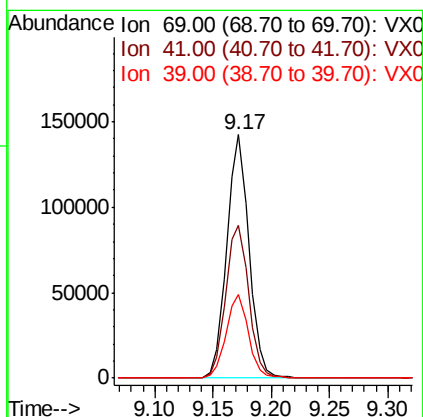
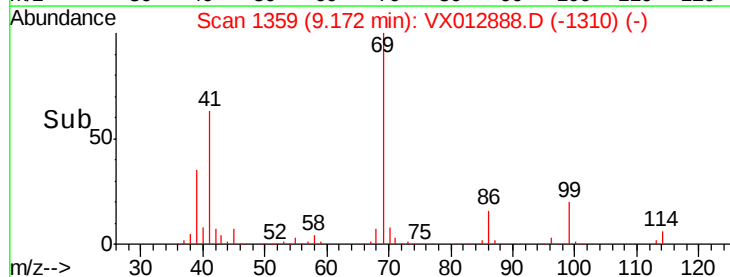
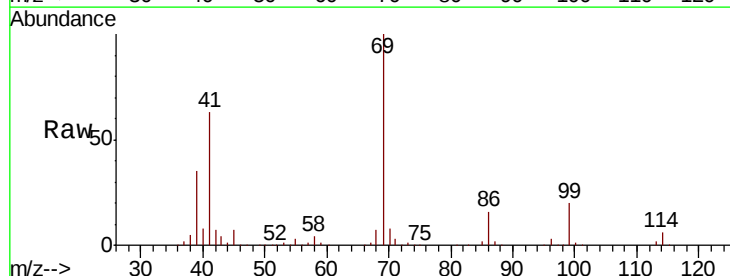
Instrument :
 MSVOA_X
 ClientSampleId :

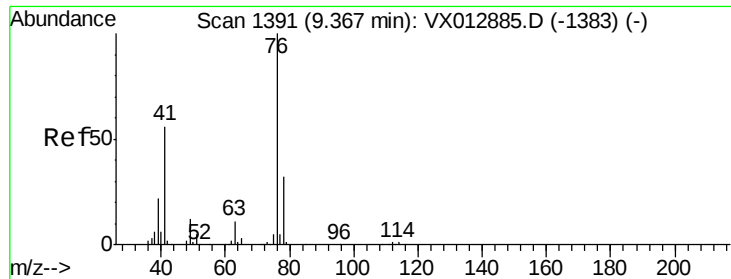
Tot Ion:	97	Resp:	112539
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.5	99.7
85	53.8	43.1	64.7
99	61.9	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 50.550 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion:	69	Resp:	189297
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	34.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 53.888 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

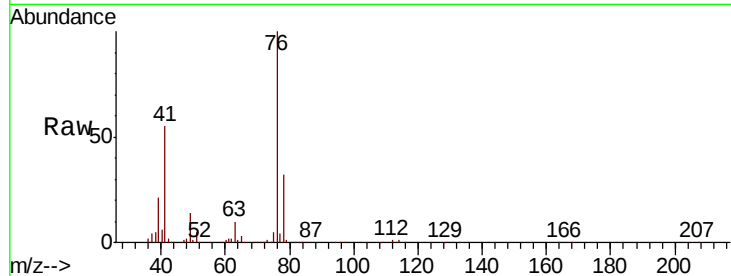
ClientSampleId :

Tot Ion: 76 Resp: 194855

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

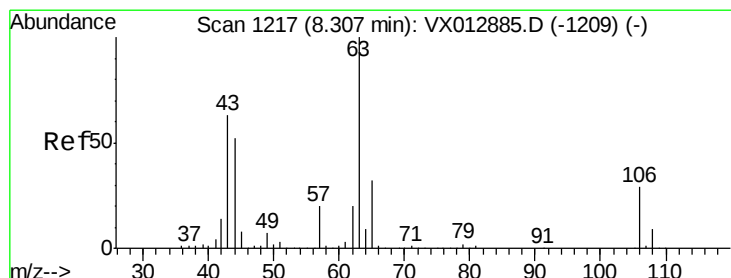
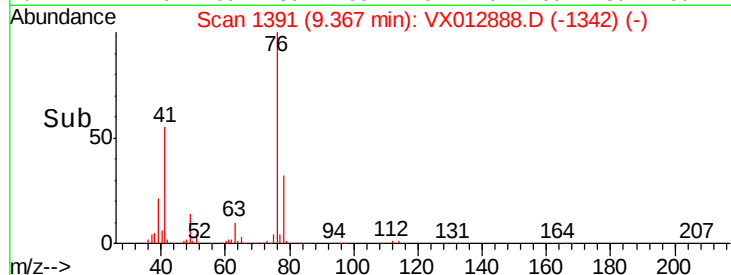
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 280.276 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012888.D

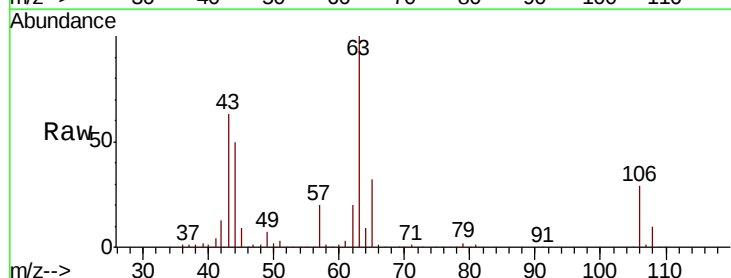
Acq: 08 Oct 2019 14:17

Tgt Ion: 63 Resp: 430400

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

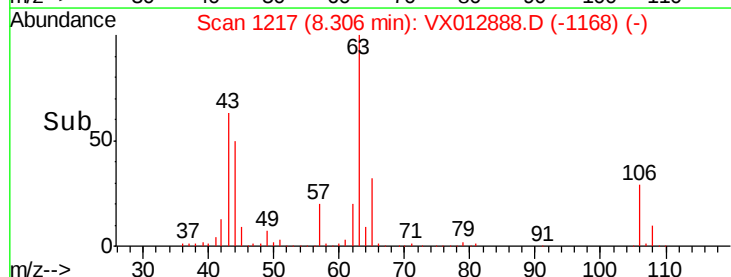
100000

50000

0

8.20 8.30 8.40

Time-->

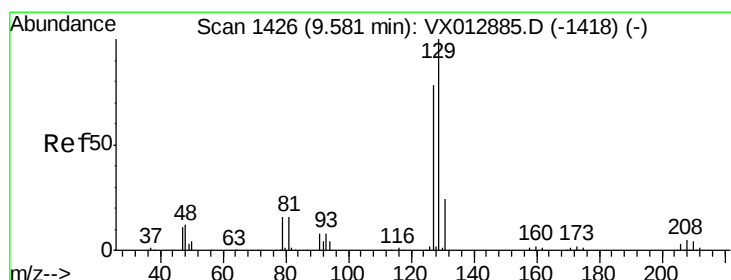
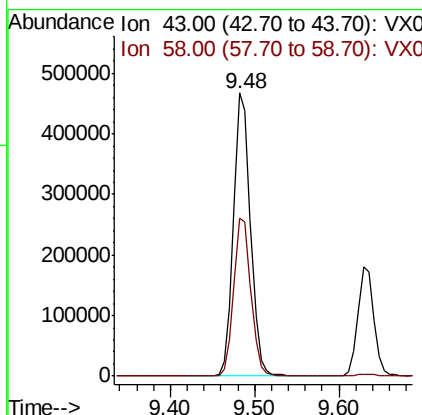
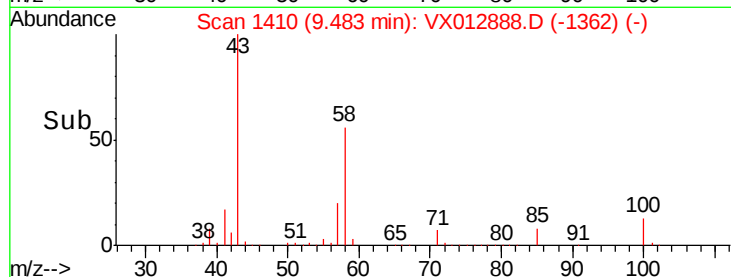
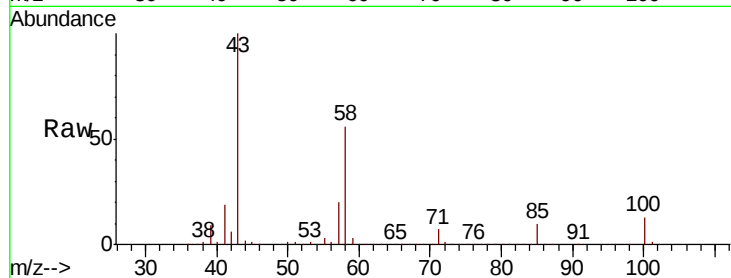




#59
2-Hexanone
Concen: 264.013 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

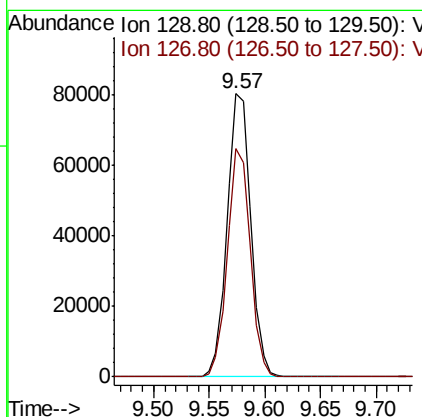
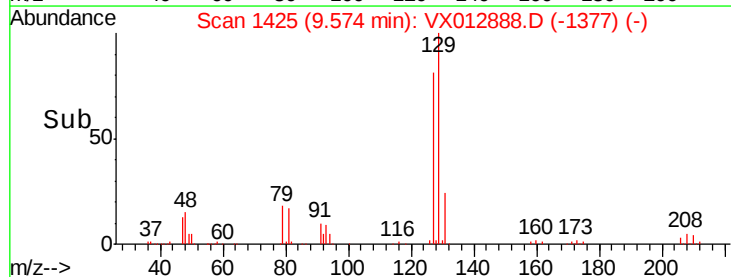
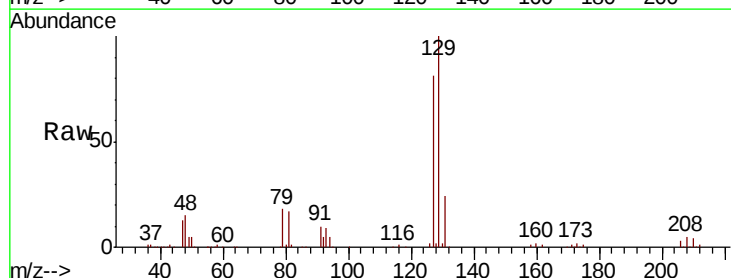
Instrument :
MSVOA_X
ClientSampleId :

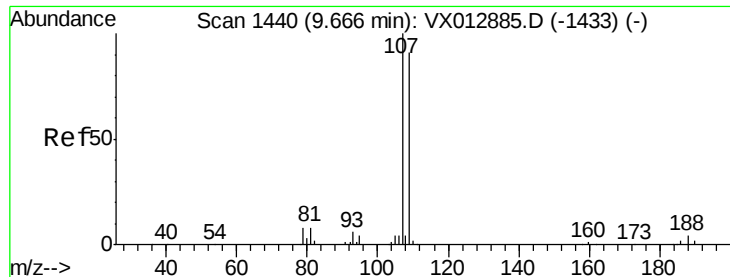
Tot Ion: 43 Resp: 642871
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3



#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 129 Resp: 118028
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.040 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

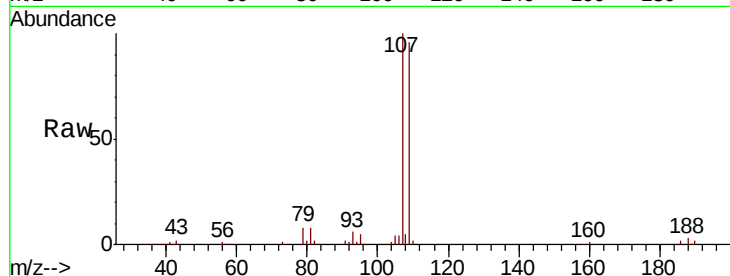
ClientSampleId :

Tot Ion:107 Resp: 118832

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

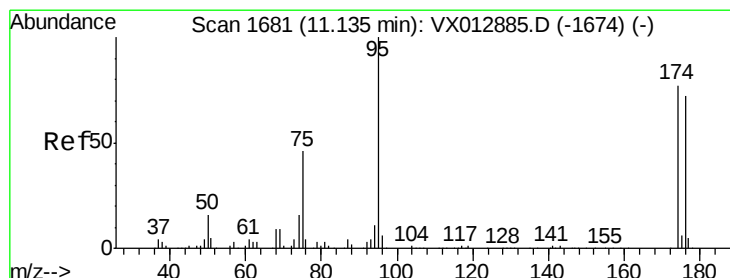
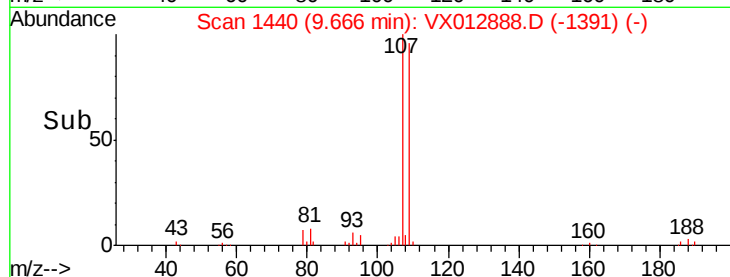
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.746 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

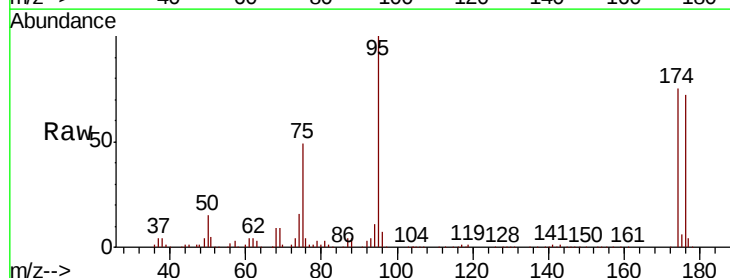
Tgt Ion: 95 Resp: 145871

Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.4

176 69.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

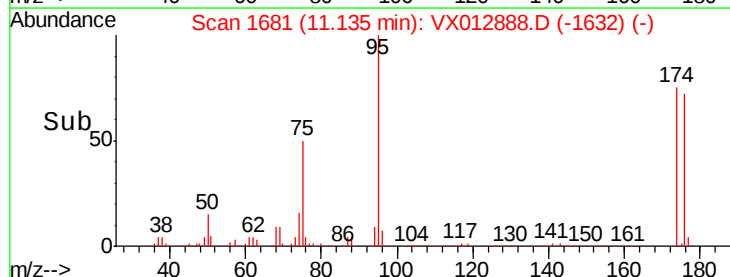
100000

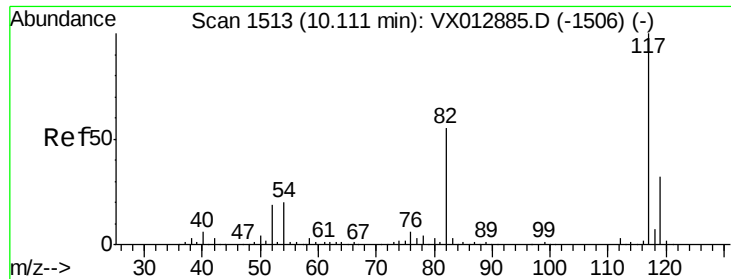
50000

0

11.10 11.20

Time-->

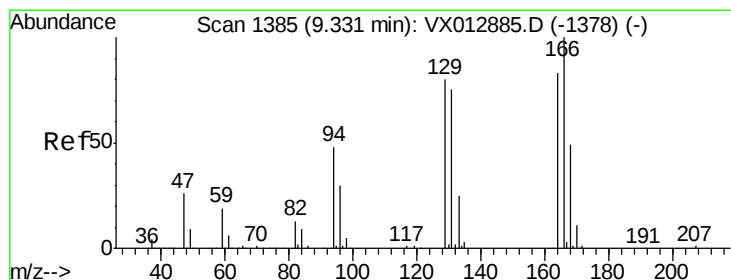
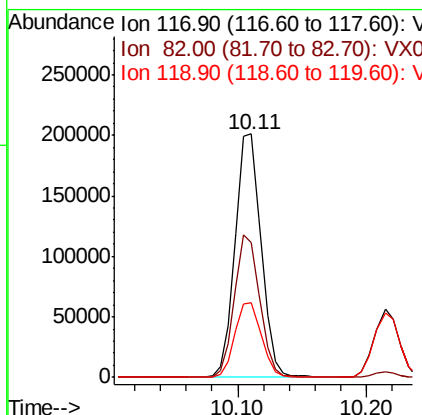
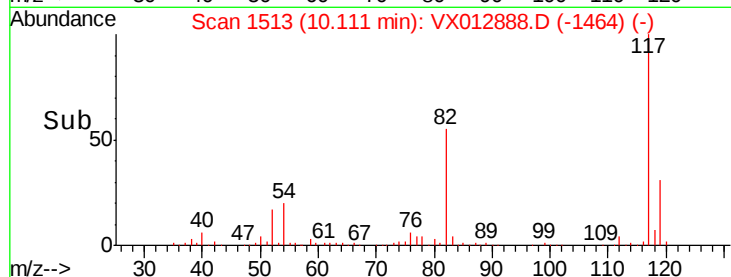
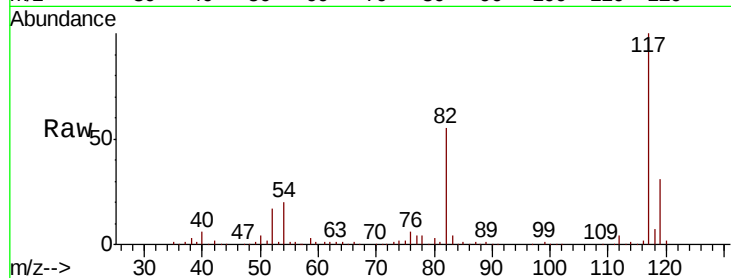




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

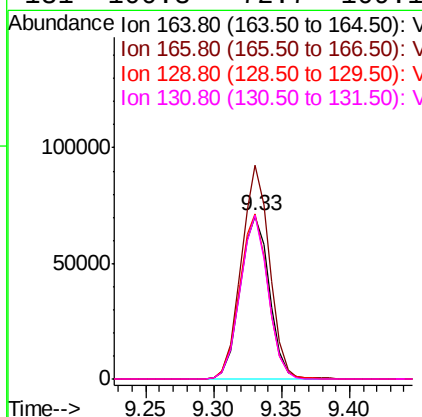
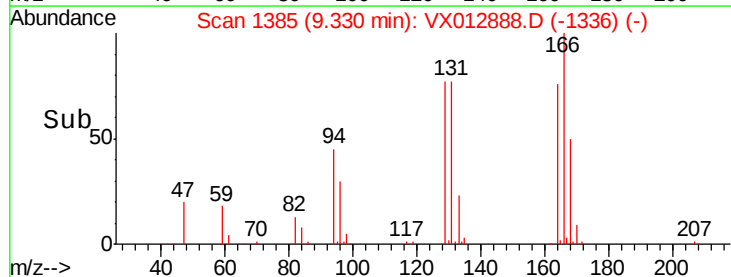
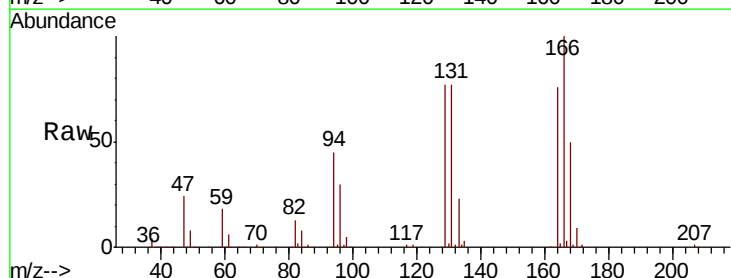
Instrument :
MSVOA_X
ClientSampleId :

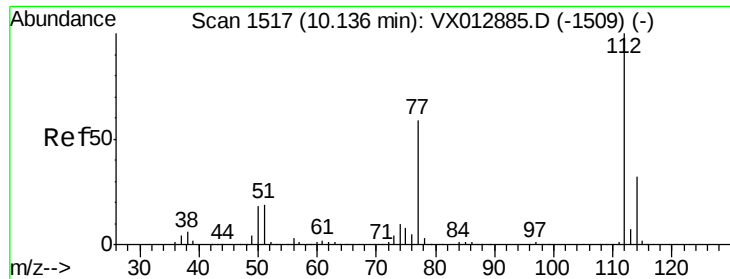
Tot Ion:117 Resp: 284609
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 30.9 25.8 38.8



#64
Tetrachloroethene
Concen: 52.960 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion:164 Resp: 104546
Ion Ratio Lower Upper
164 100
166 130.9 96.9 145.3
129 101.3 77.9 116.9
131 100.3 72.7 109.1

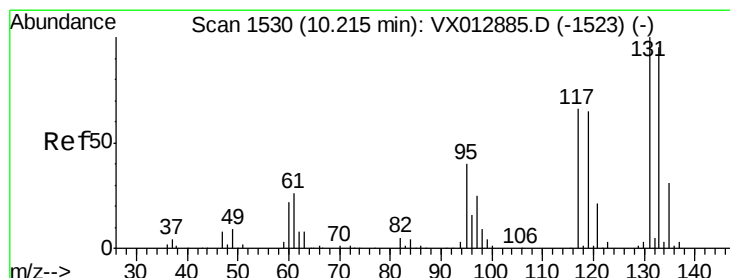
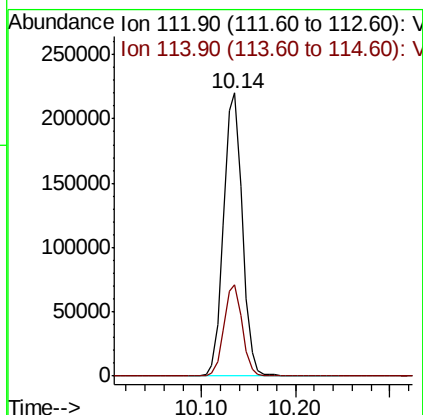
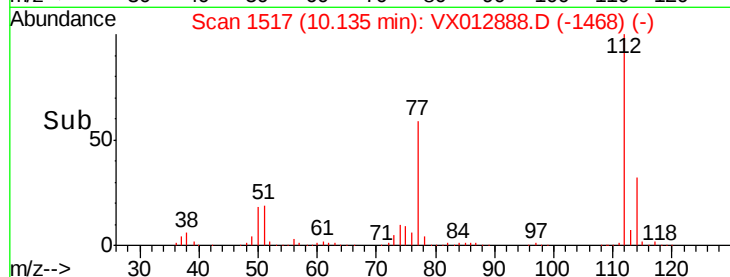
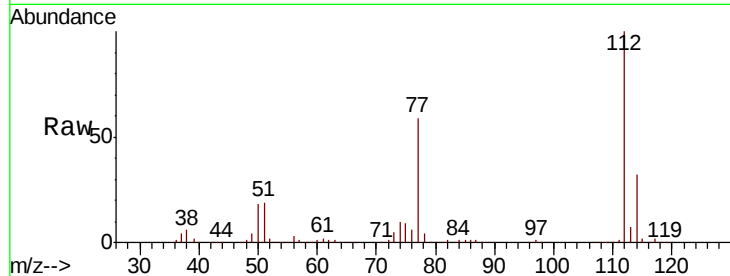




#65
Chlorobenzene
Concen: 53.784 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

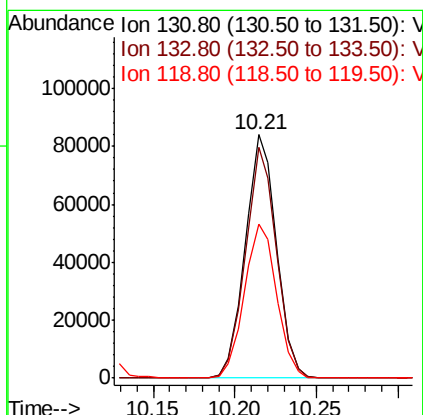
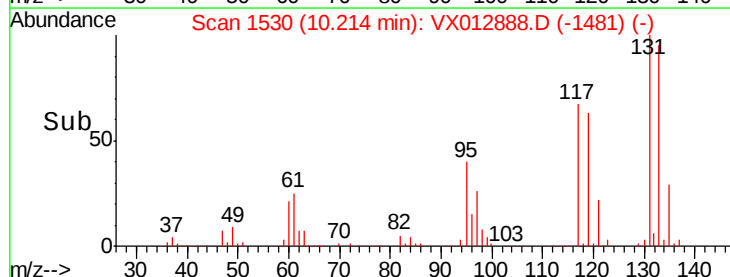
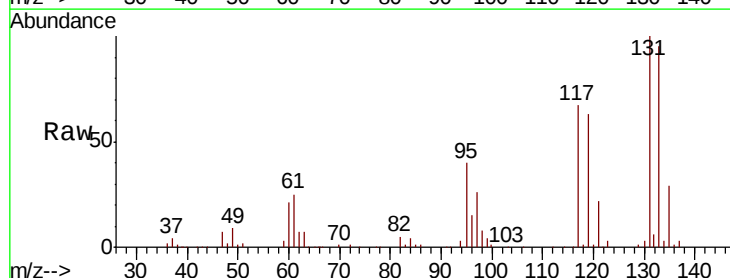
Instrument :
MSVOA_X
ClientSampleId :

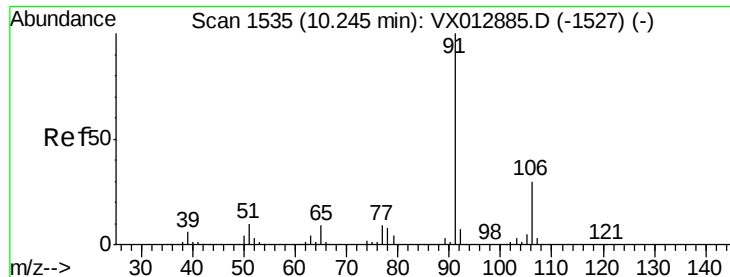
Tot Ion:112 Resp: 303984
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.096 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion:131 Resp: 111887
Ion Ratio Lower Upper
131 100
133 94.2 47.2 141.6
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 55.391 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

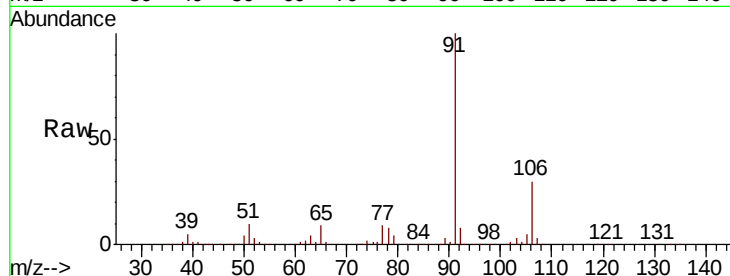
ClientSampled :

Tot Ion: 91 Resp: 556092

Ion Ratio Lower Upper

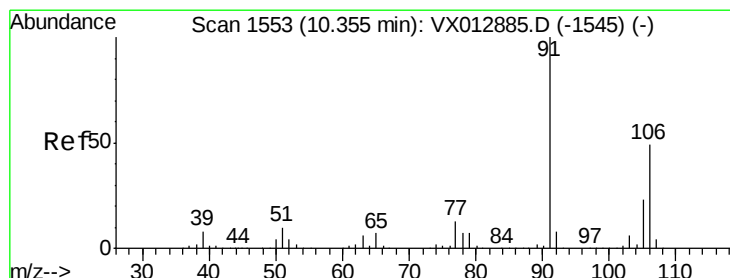
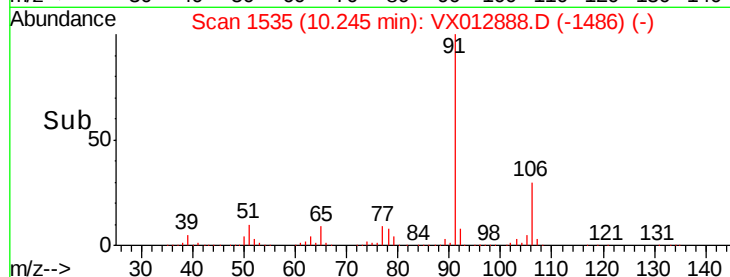
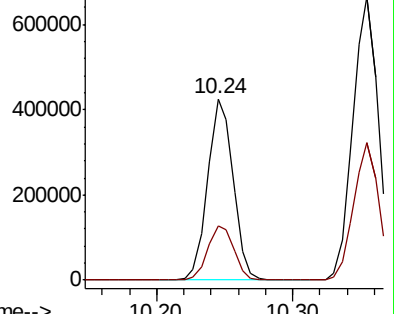
91 100

106 30.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 111.418 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012888.D

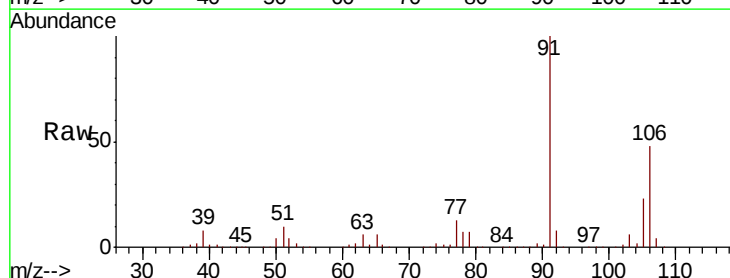
Acq: 08 Oct 2019 14:17

Tgt Ion: 106 Resp: 417878

Ion Ratio Lower Upper

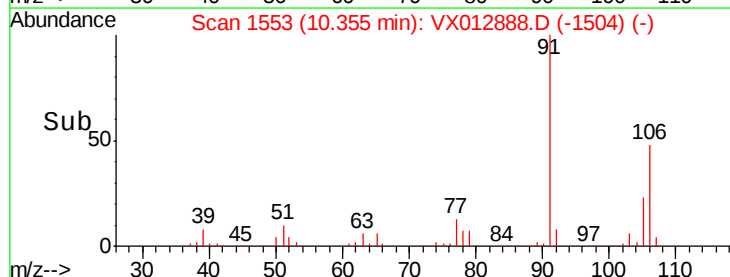
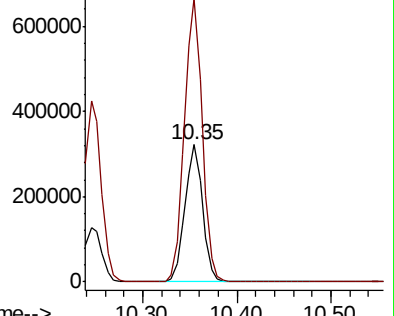
106 100

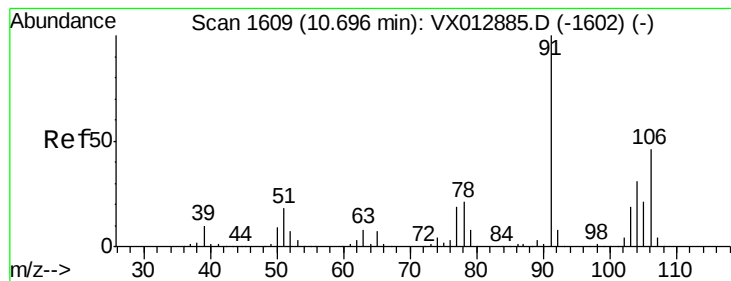
91 209.0 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 55.884 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

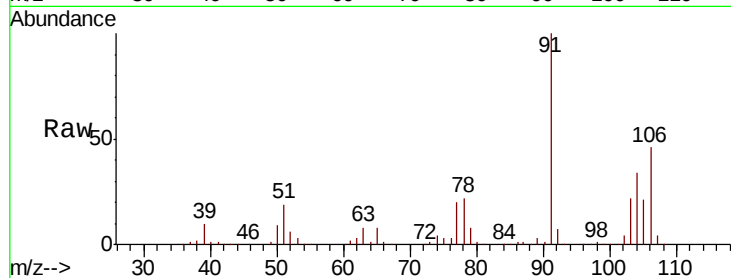
ClientSampleId :

Tot Ion:106 Resp: 204392

Ion Ratio Lower Upper

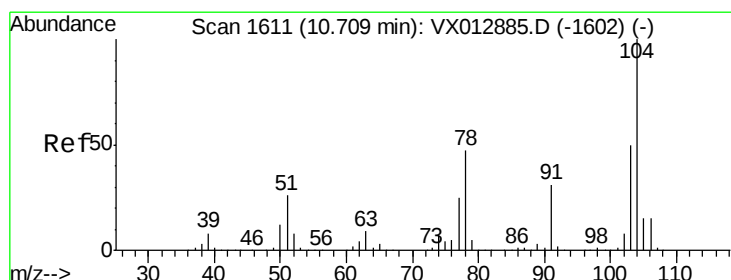
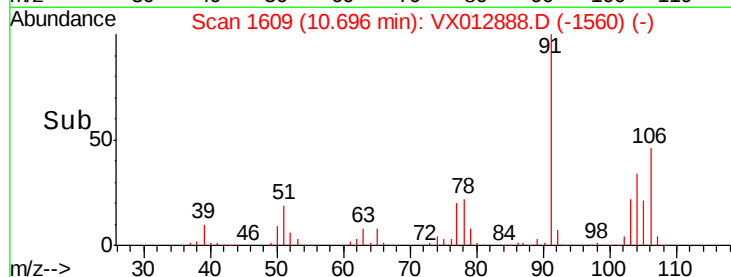
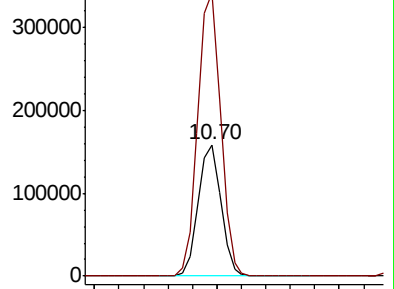
106 100

91 216.6 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 56.616 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

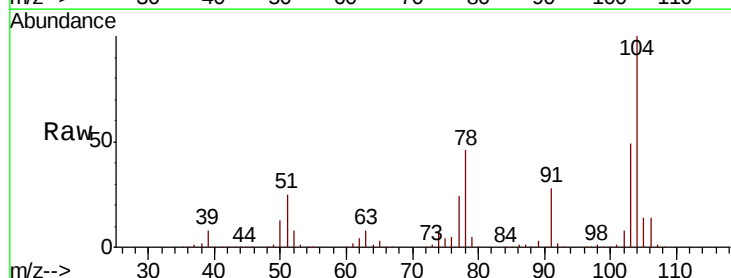
Tgt Ion:104 Resp: 352019

Ion Ratio Lower Upper

104 100

78 52.3 41.2 61.8

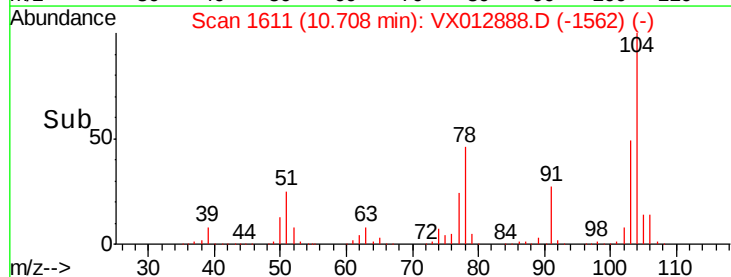
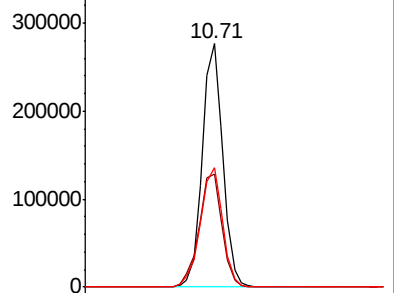
103 53.6 43.0 64.4

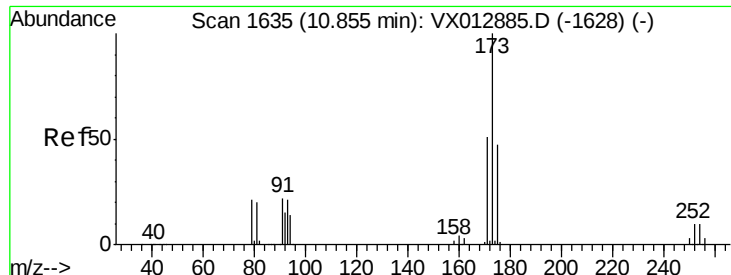


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.576 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

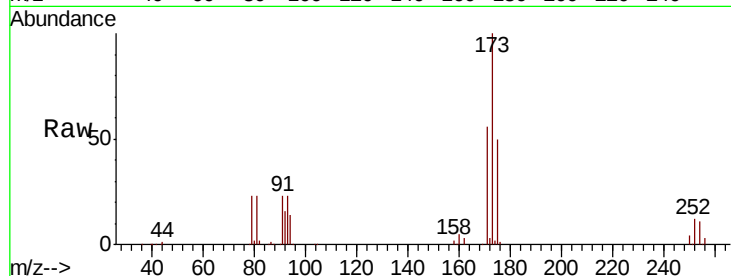
Tot Ion:173 Resp: 80934

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

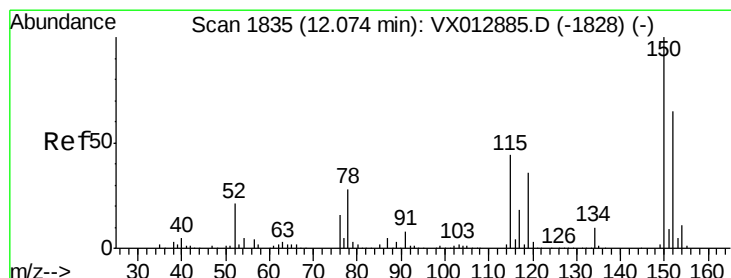
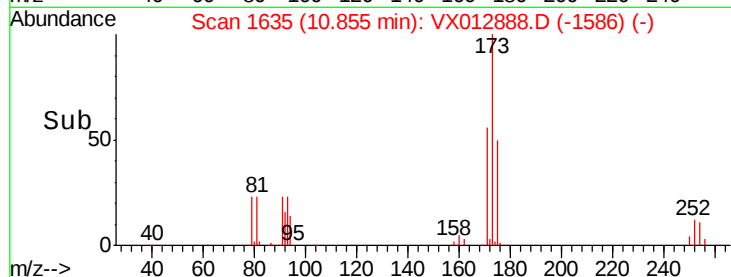
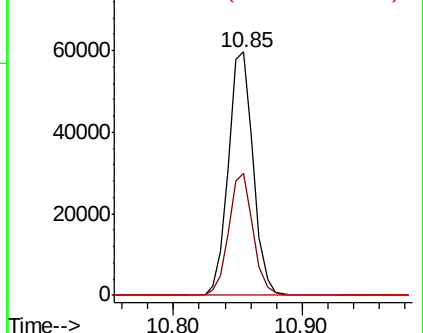
254 0.1 0.1 0.1#



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: VX012888.D

Acq: 08 Oct 2019 14:17

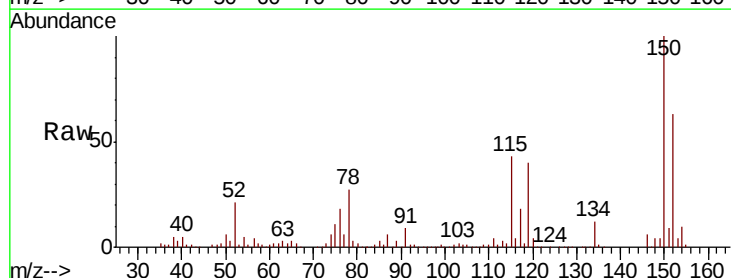
Tgt Ion:152 Resp: 137263

Ion Ratio Lower Upper

152 100

115 89.0 44.5 133.5

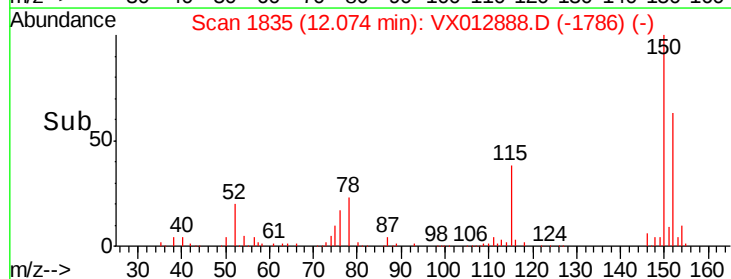
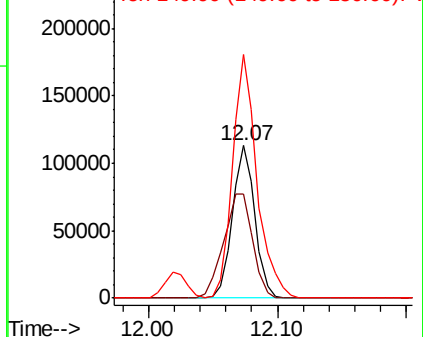
150 174.1 0.0 353.4

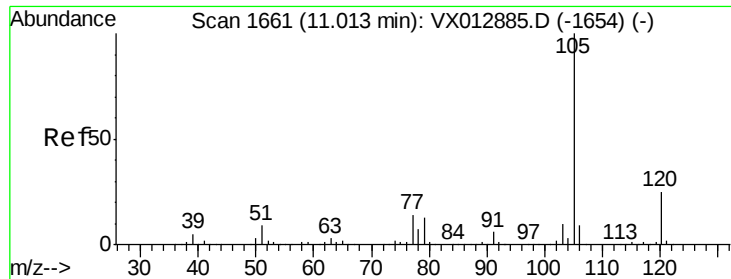


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

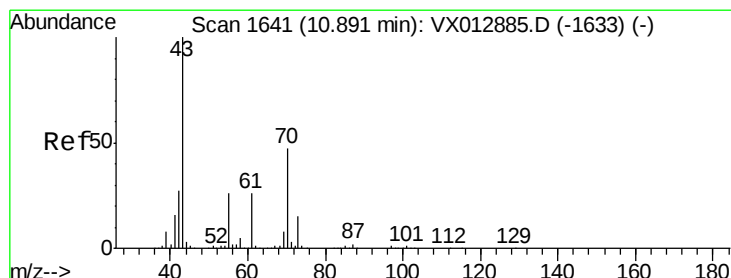
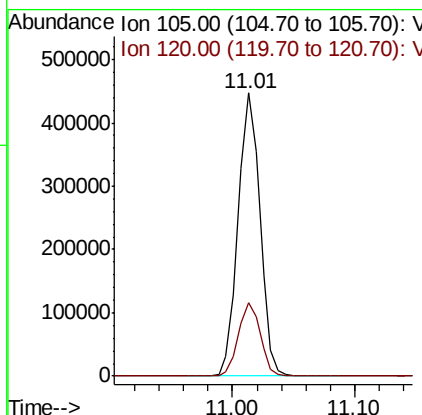
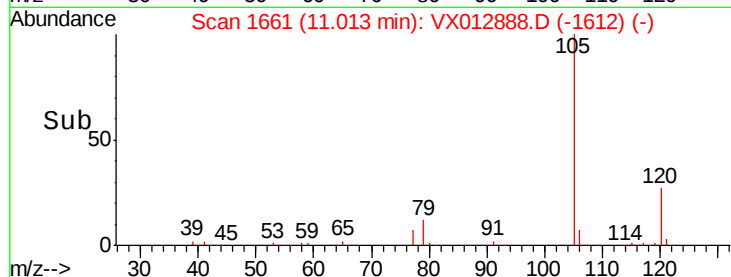
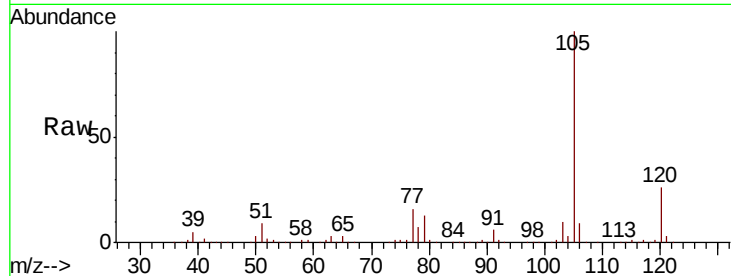




#73
Isopropylbenzene
Concen: 54.553 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

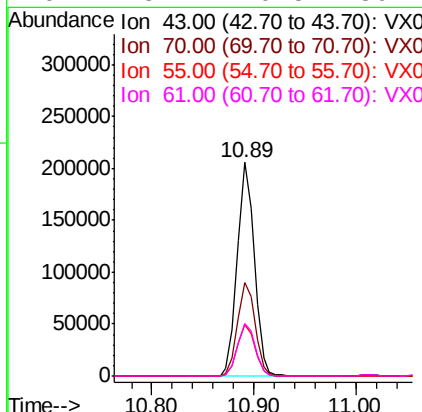
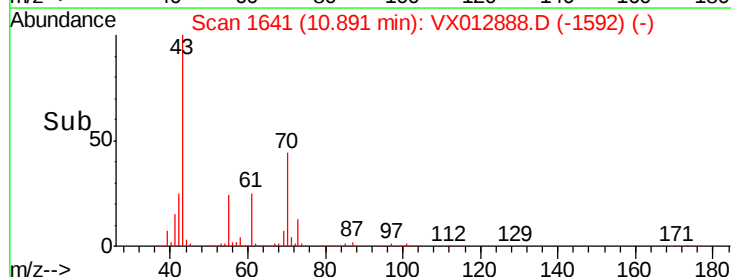
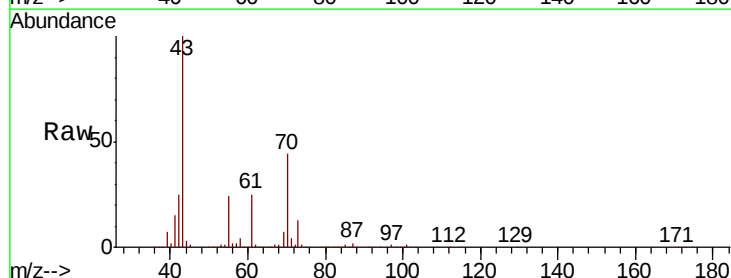
Instrument :
MSVOA_X
ClientSampleId :

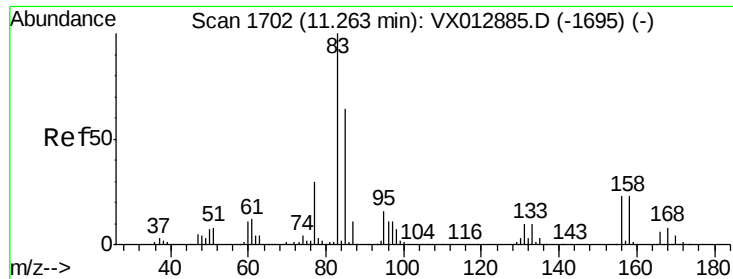
Tot Ion:105 Resp: 550541
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 54.575 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 43 Resp: 237201
Ion Ratio Lower Upper
43 100
70 45.0 36.4 54.6
55 24.6 20.2 30.2
61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.756 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

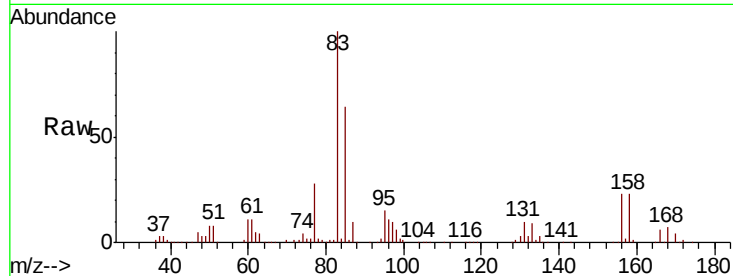
Tot Ion: 83 Resp: 173723

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

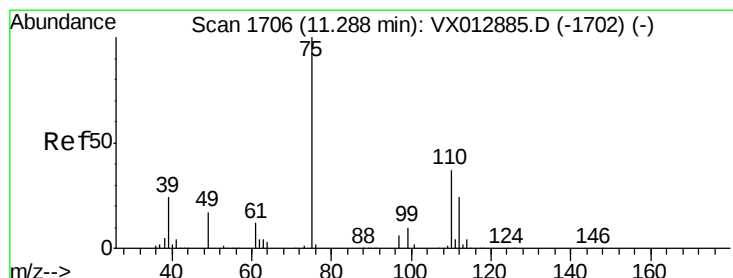
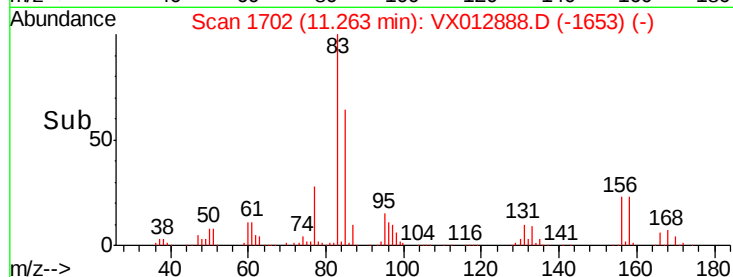
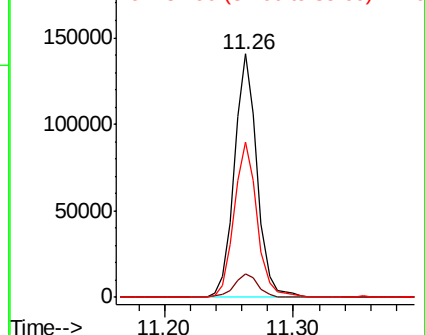
85 64.6 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 66.481 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX012888.D

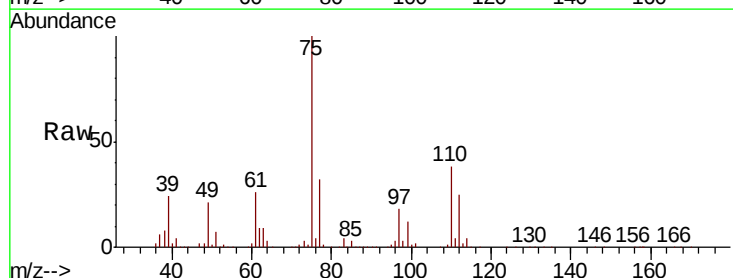
Acq: 08 Oct 2019 14:17

Tgt Ion: 75 Resp: 202400

Ion Ratio Lower Upper

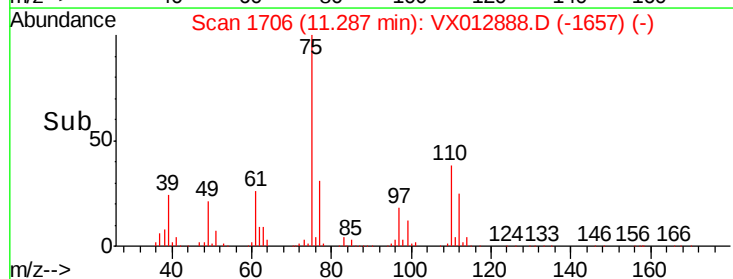
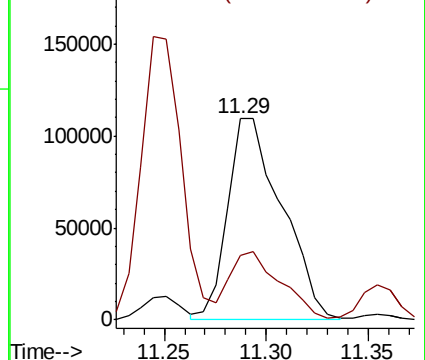
75 100

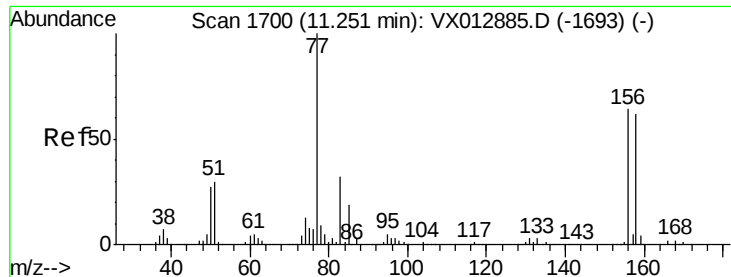
77 31.6 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.456 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

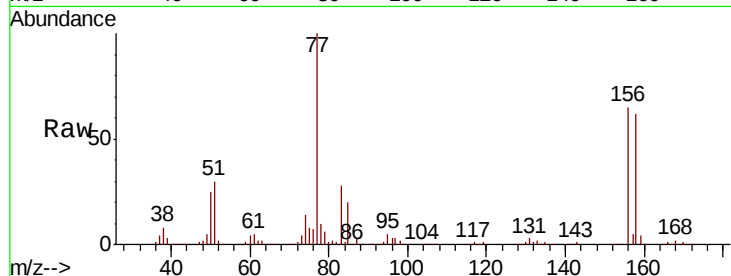
Tot Ion:156 Resp: 127124

Ion Ratio Lower Upper

156 100

77 167.7 83.7 251.0

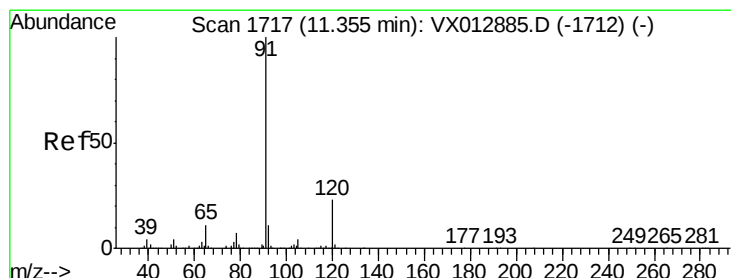
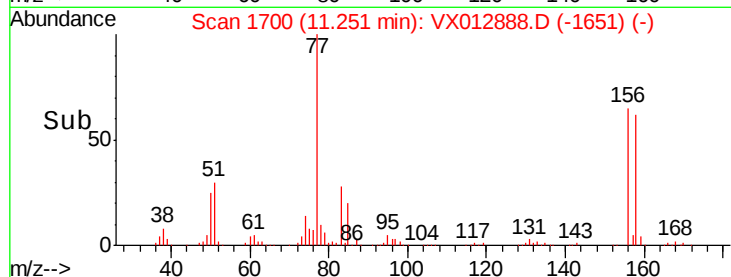
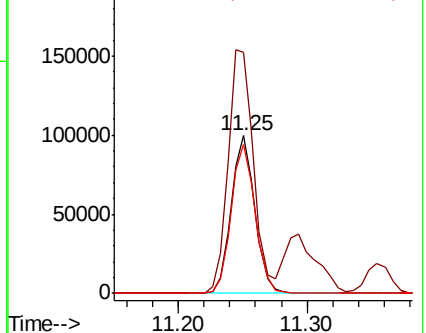
158 96.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.295 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012888.D

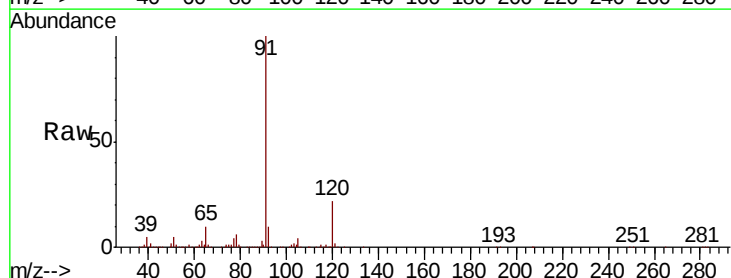
Acq: 08 Oct 2019 14:17

Tgt Ion: 91 Resp: 625138

Ion Ratio Lower Upper

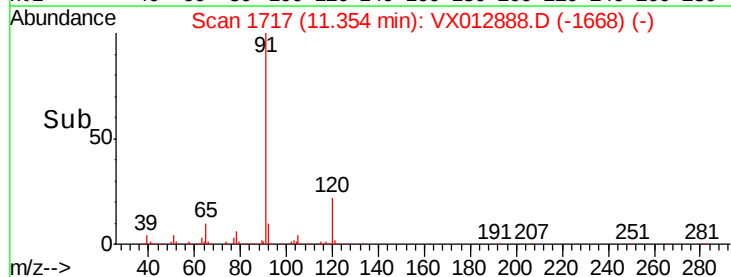
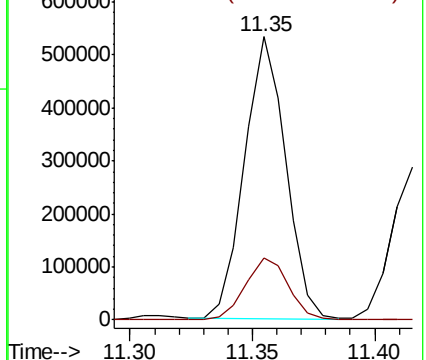
91 100

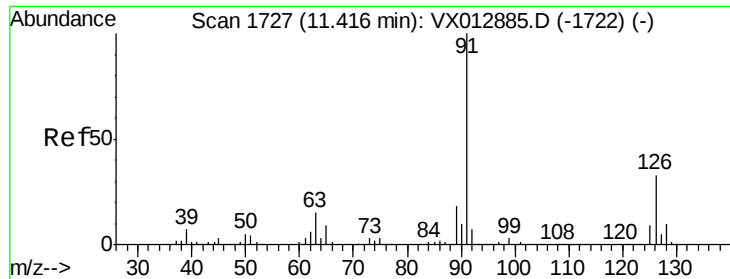
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

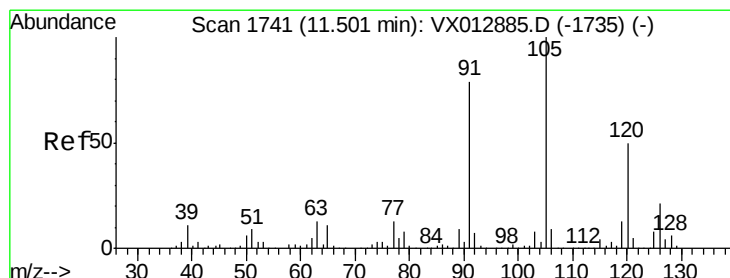
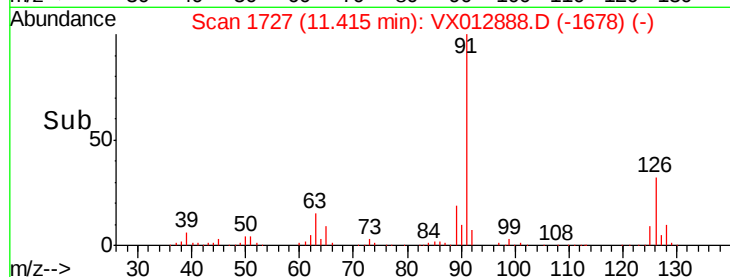
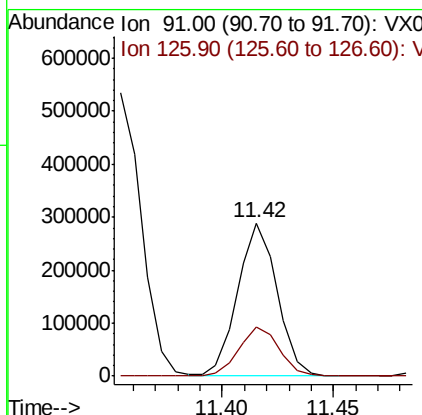
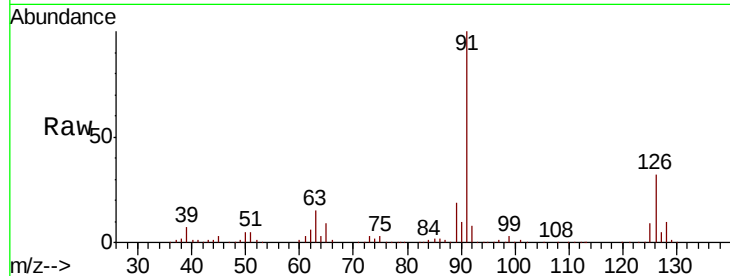




#79
 2-Chlorotoluene
 Concen: 51.051 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

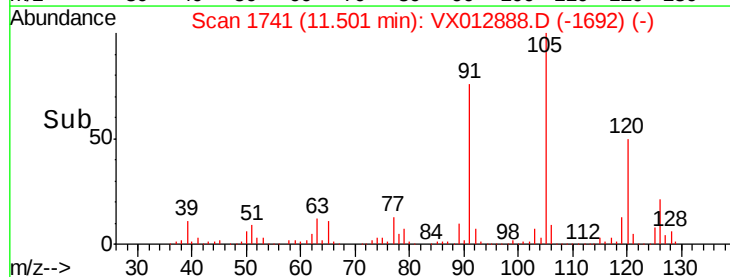
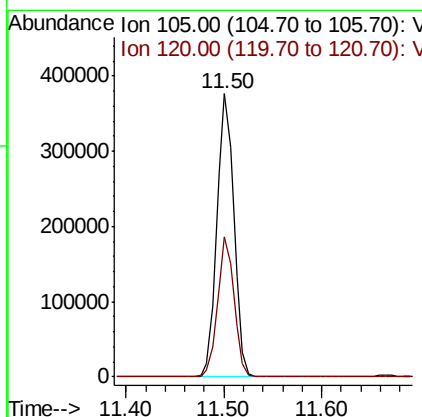
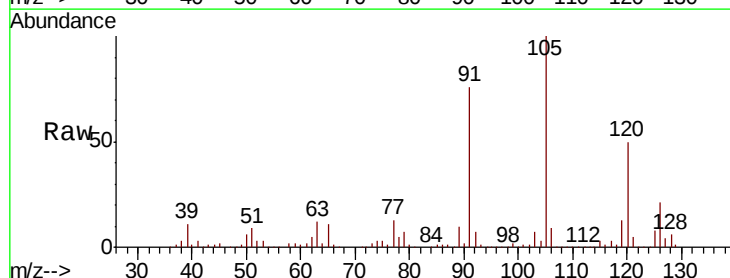
Instrument :
 MSVOA_X
 ClientSampleId :

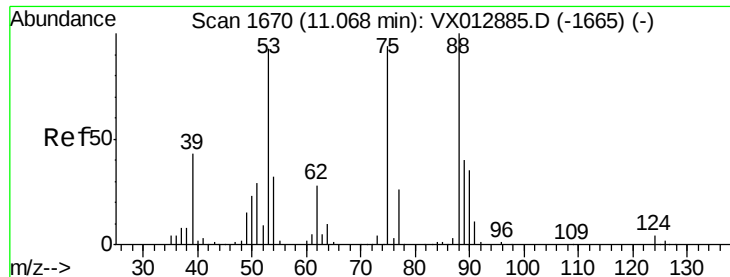
Tot Ion: 91 Resp: 356284
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.927 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 105 Resp: 454423
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.853 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

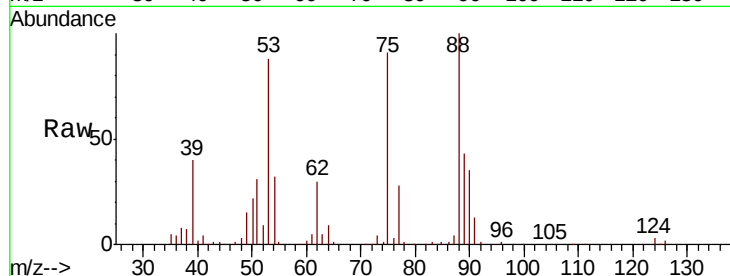
Tot Ion: 75 Resp: 59007

Ion Ratio Lower Upper

75 100

53 94.4 78.5 117.7

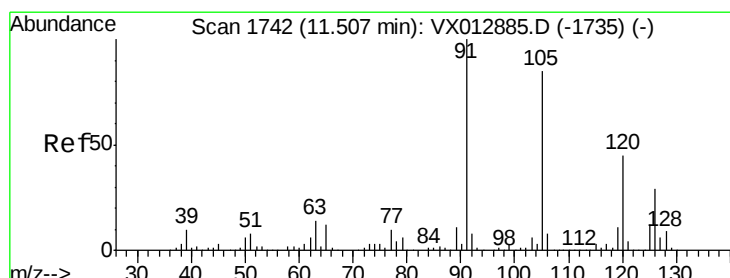
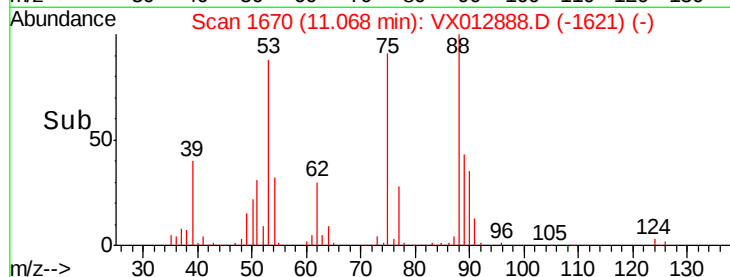
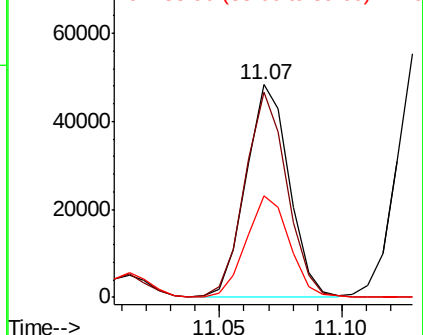
89 48.0 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.528 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012888.D

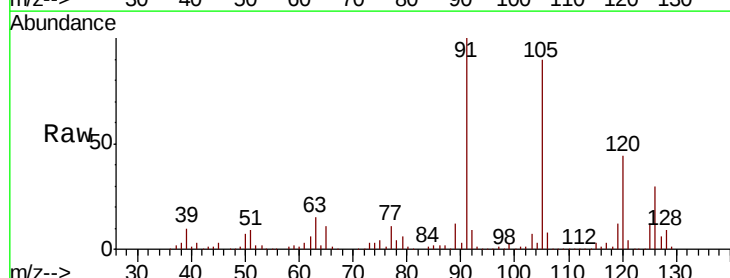
Acq: 08 Oct 2019 14:17

Tgt Ion: 91 Resp: 420187

Ion Ratio Lower Upper

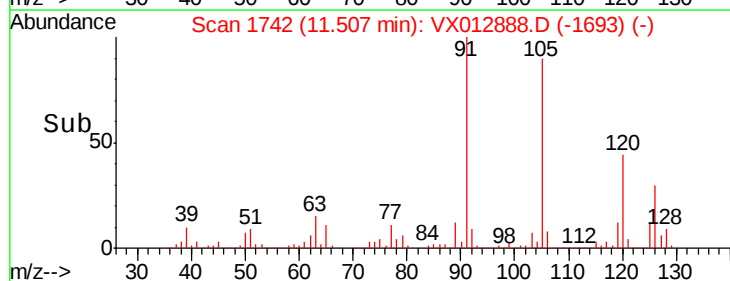
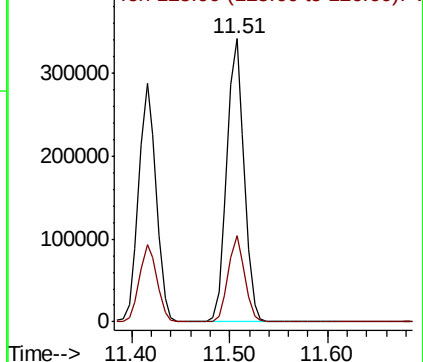
91 100

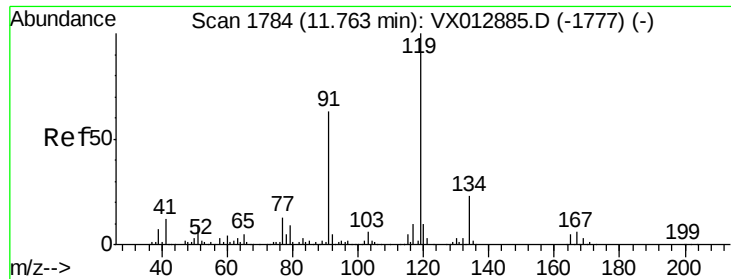
126 29.1 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

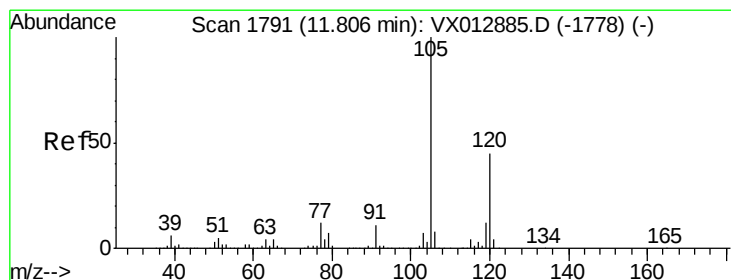
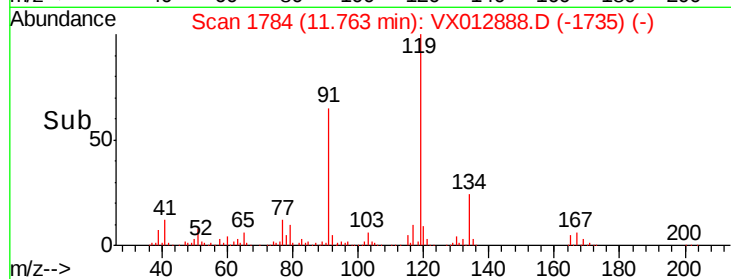
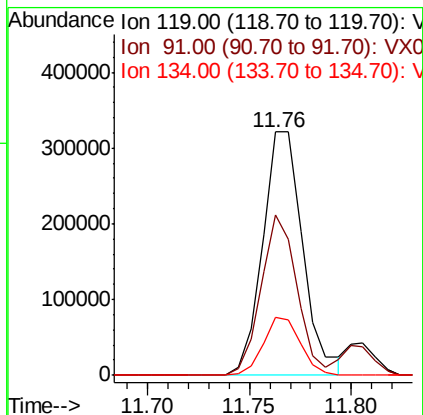
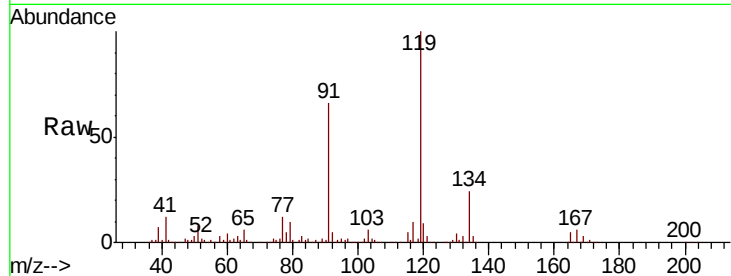




#83
tert-Butylbenzene
Concen: 53.897 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

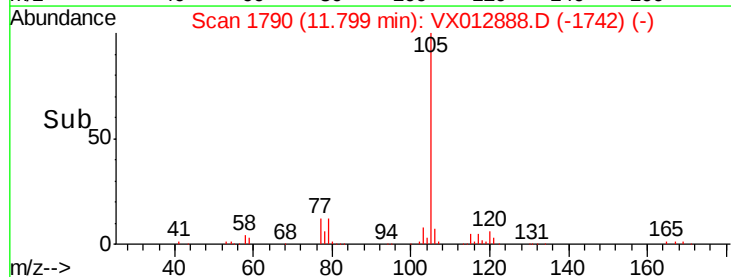
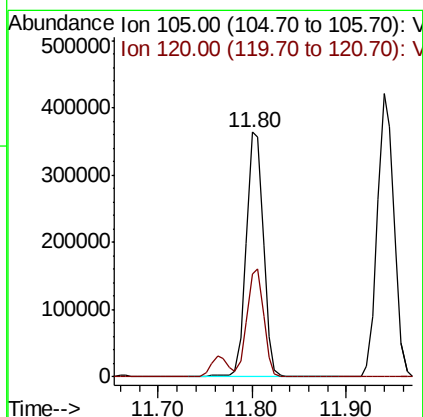
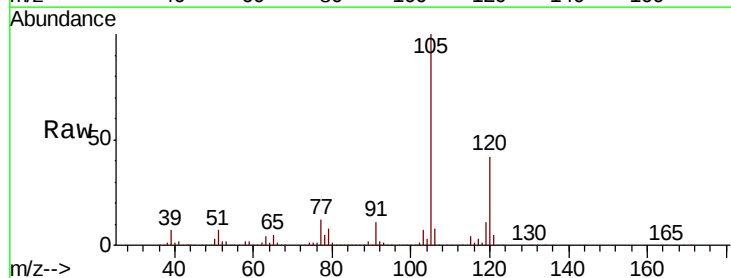
Instrument :
MSVOA_X
ClientSampleId :

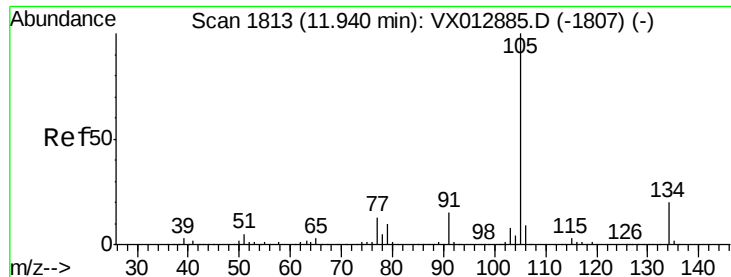
Tot Ion:119 Resp: 443041
Ion Ratio Lower Upper
119 100
91 58.6 29.3 87.9
134 22.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 54.278 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion:105 Resp: 463230
Ion Ratio Lower Upper
105 100
120 42.9 21.8 65.3





#85

sec-Butylbenzene

Concen: 54.255 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

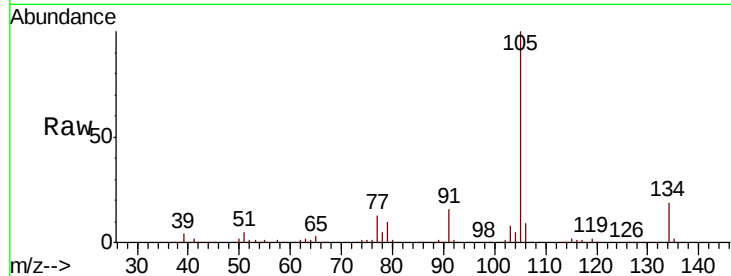
ClientSampleId :

Tot Ion:105 Resp: 516694

Ion Ratio Lower Upper

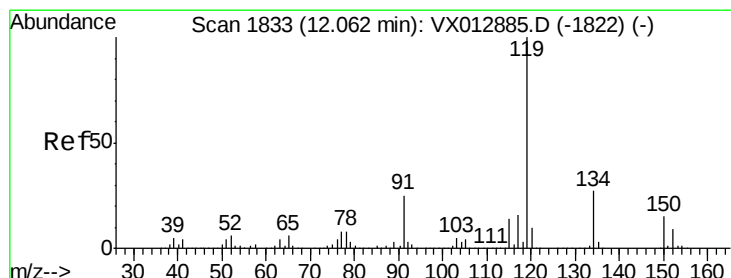
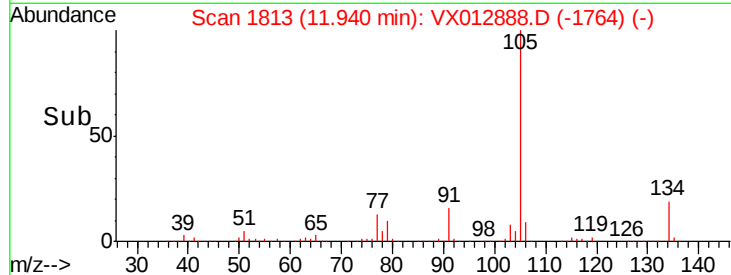
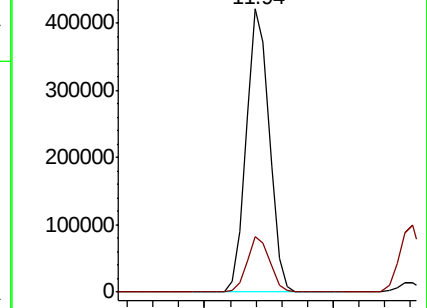
105 100

134 19.1 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.128 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

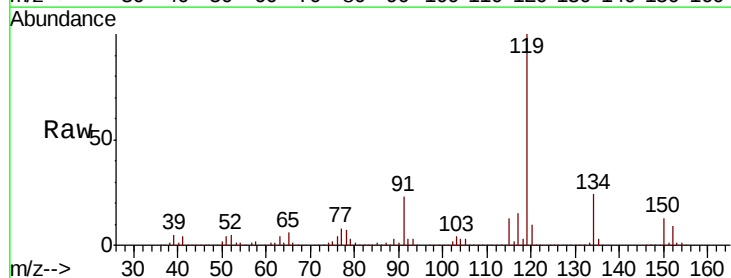
Tgt Ion:119 Resp: 495750

Ion Ratio Lower Upper

119 100

134 24.3 12.6 37.8

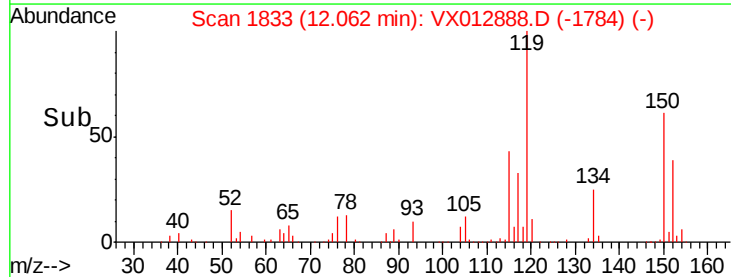
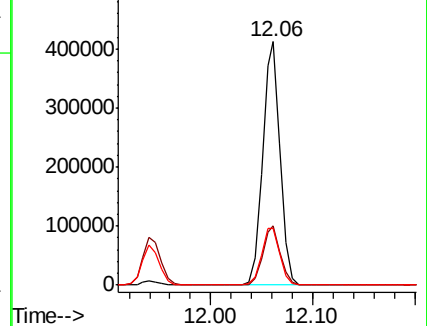
91 24.5 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

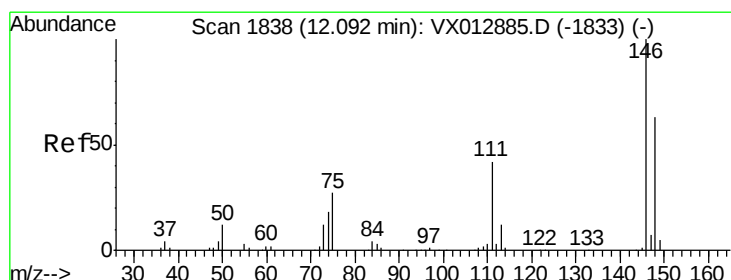
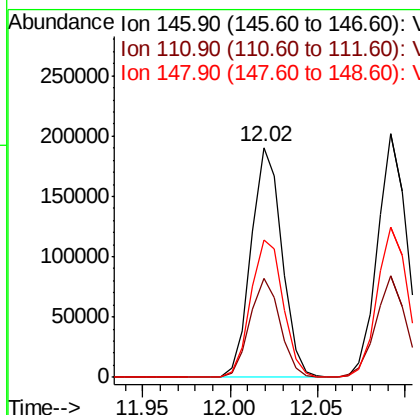
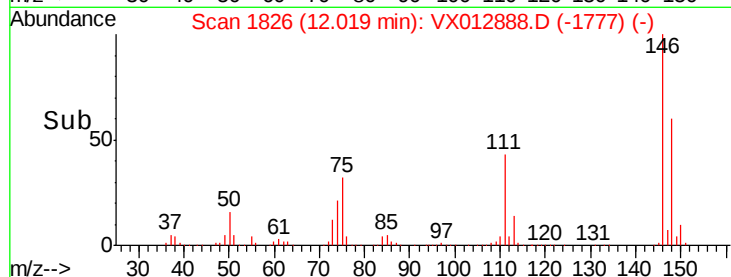
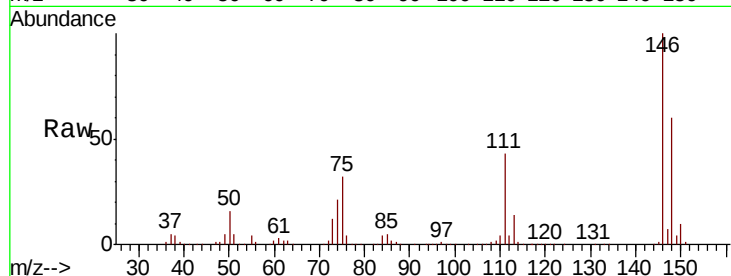




#87
 1,3-Dichlorobenzene
 Concen: 52.902 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

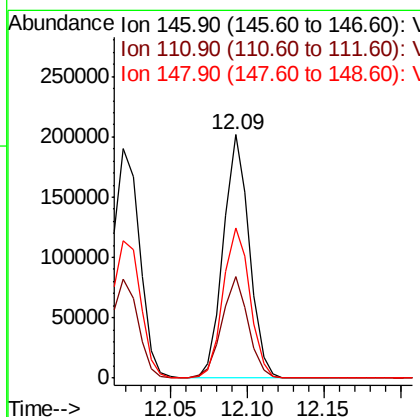
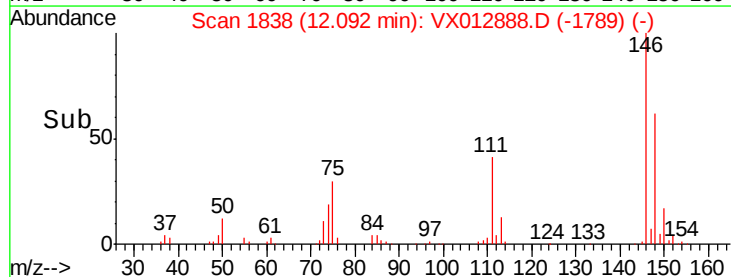
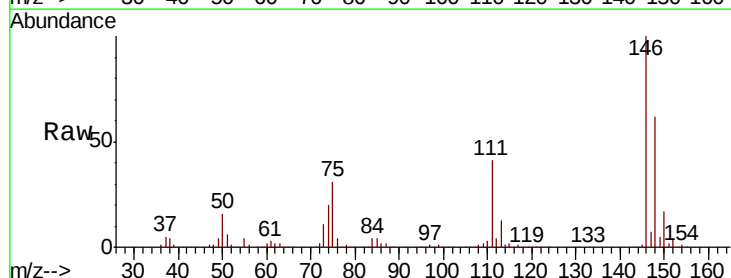
Instrument :
 MSVOA_X
 ClientSampleId :

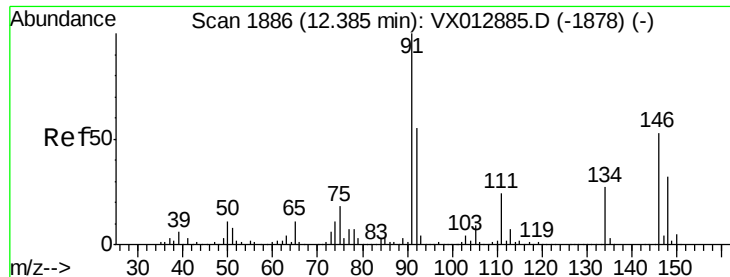
Tot Ion:146 Resp: 233623
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.4
 148 62.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 52.845 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion:146 Resp: 236353
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.4 64.3
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 56.823 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampled :

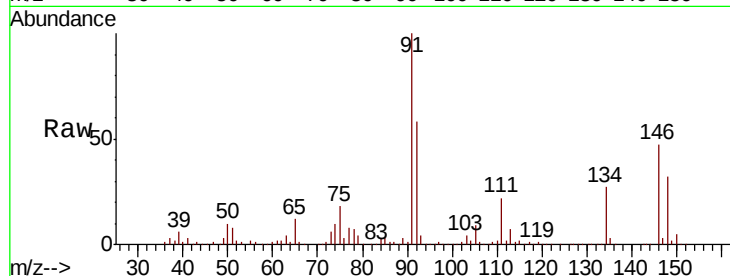
Tot Ion: 91 Resp: 421811

Ion Ratio Lower Upper

91 100

92 55.5 27.5 82.5

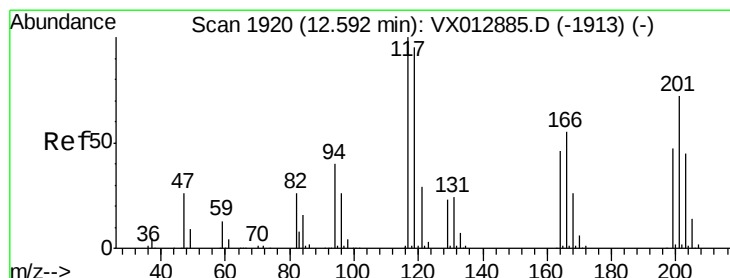
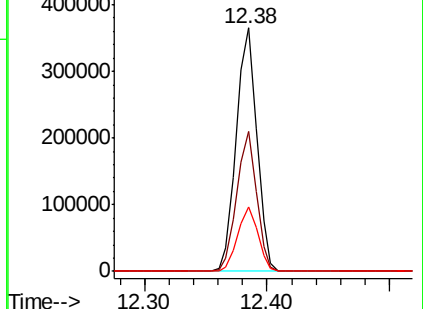
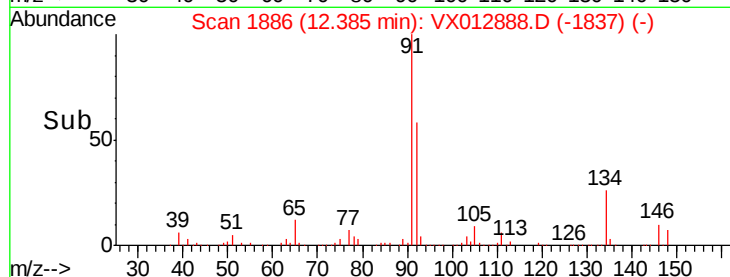
134 26.2 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012888.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012888.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012888.D (-1837) (-)



#90

Hexachloroethane

Concen: 50.621 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012888.D

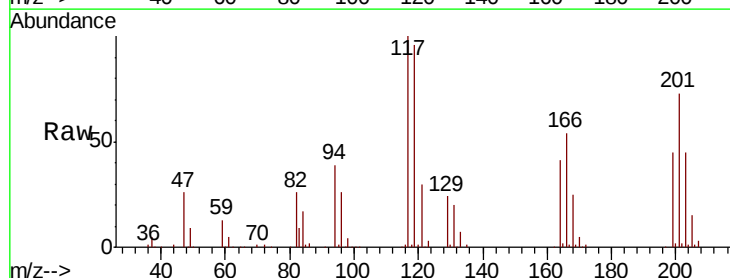
Acq: 08 Oct 2019 14:17

Tgt Ion: 117 Resp: 82855

Ion Ratio Lower Upper

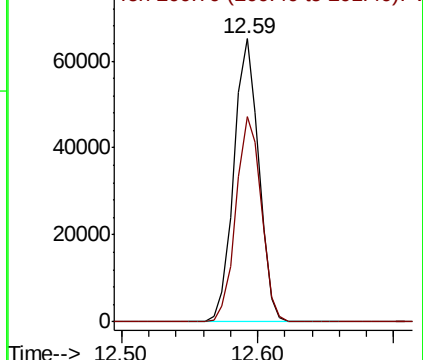
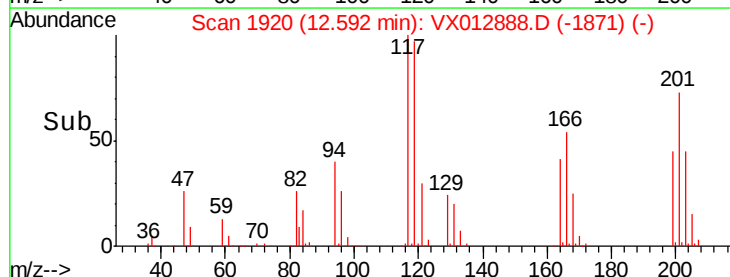
117 100

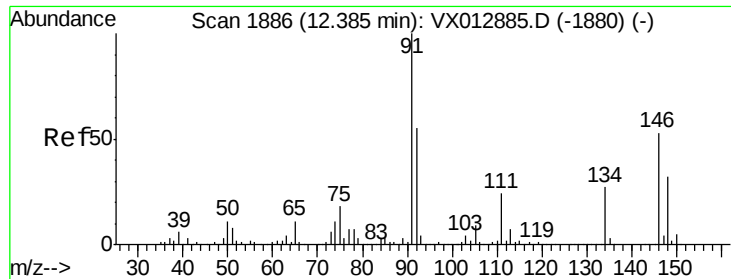
201 73.7 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012888.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012888.D (-1871) (-)

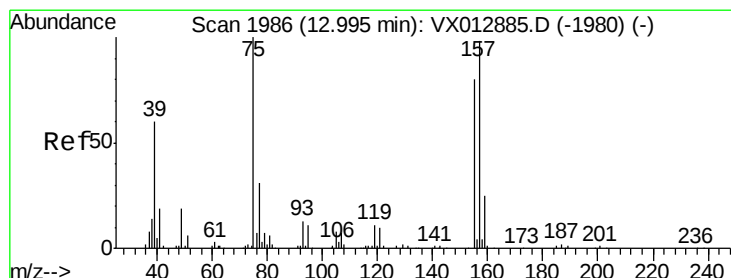
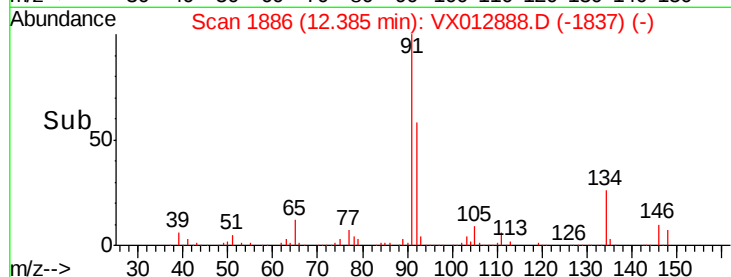
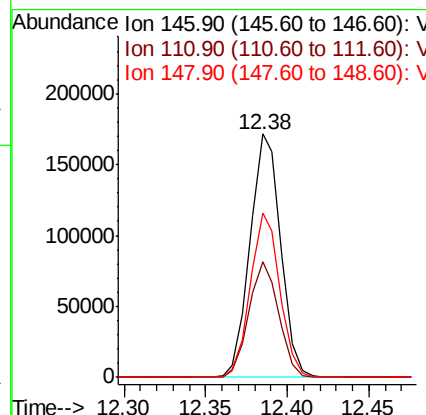
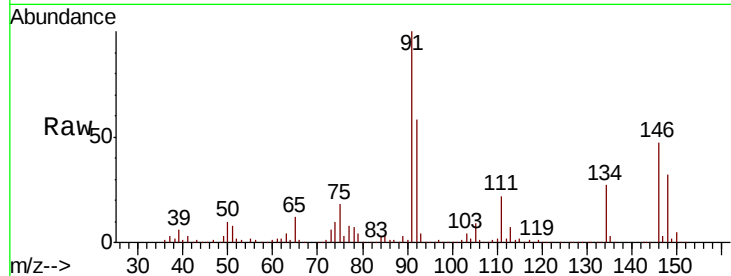




#91
 1,2-Dichlorobenzene
 Concen: 51.770 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

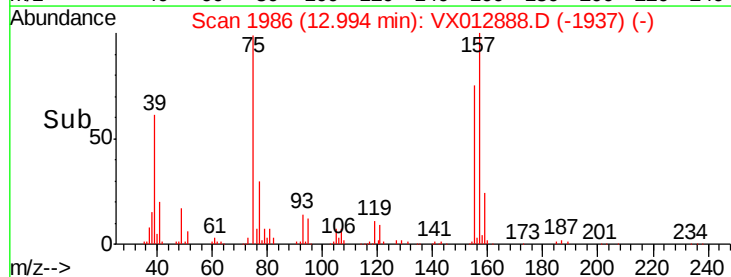
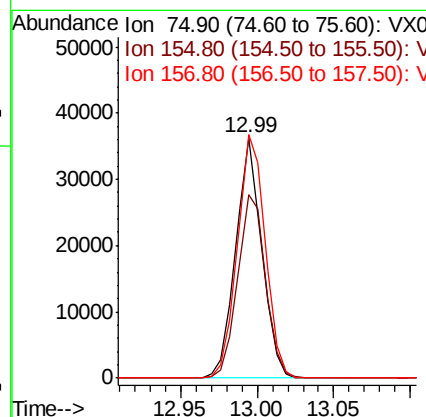
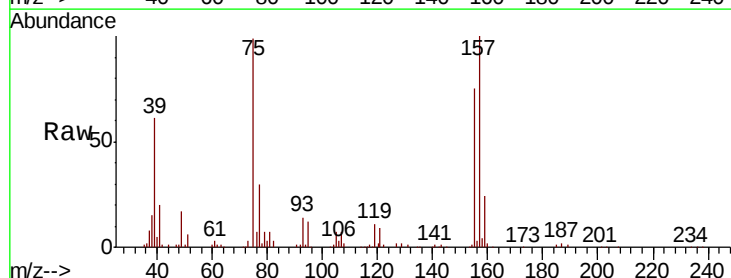
Instrument :
 MSVOA_X
 ClientSampleId :

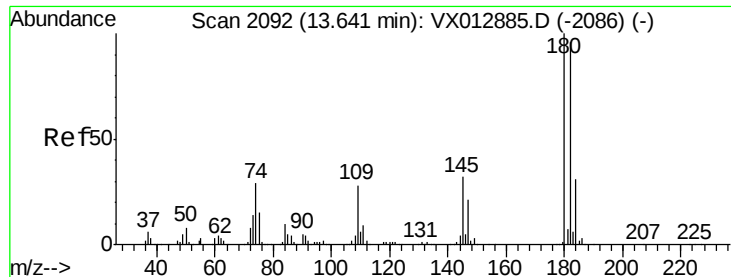
Tot Ion:146 Resp: 224135
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.7 68.0
 148 65.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.244 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 75 Resp: 42675
 Ion Ratio Lower Upper
 75 100
 155 81.6 43.0 128.8
 157 108.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 55.781 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

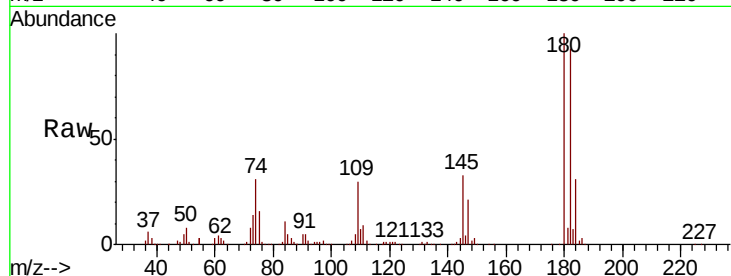
Tot Ion:180 Resp: 151282

Ion Ratio Lower Upper

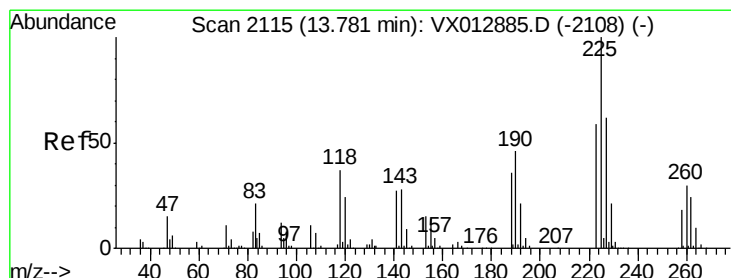
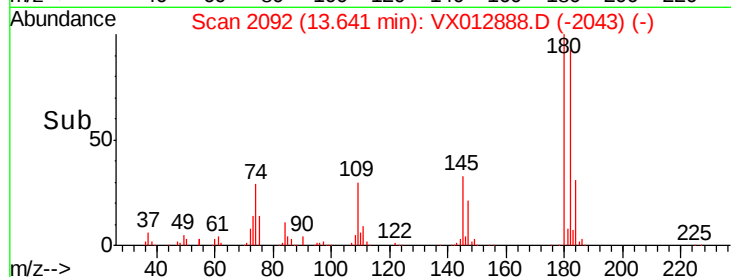
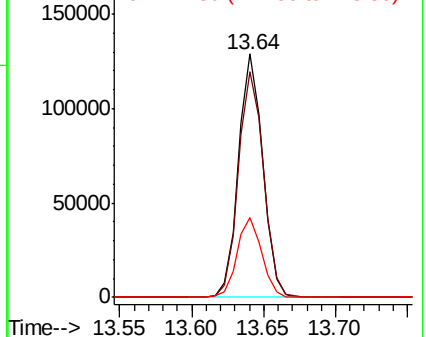
180 100

182 95.6 46.8 140.4

145 33.2 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: 55.416 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

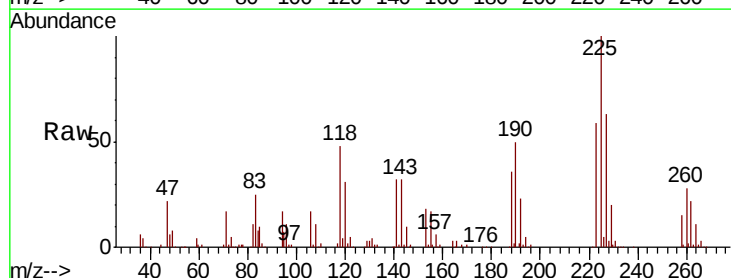
Tgt Ion:225 Resp: 69360

Ion Ratio Lower Upper

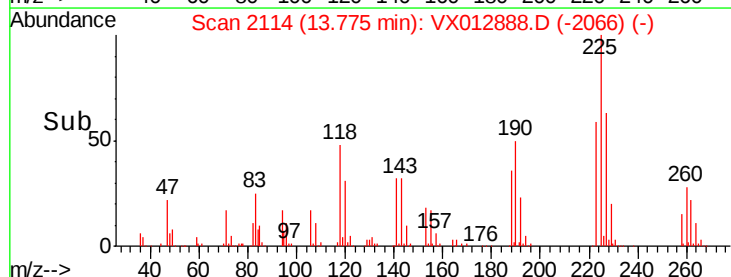
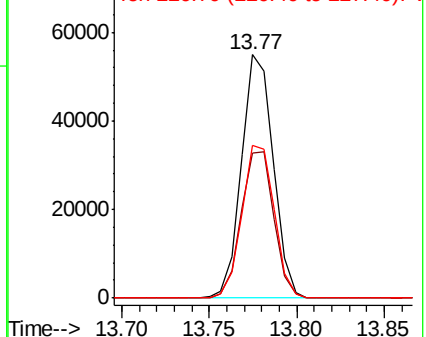
225 100

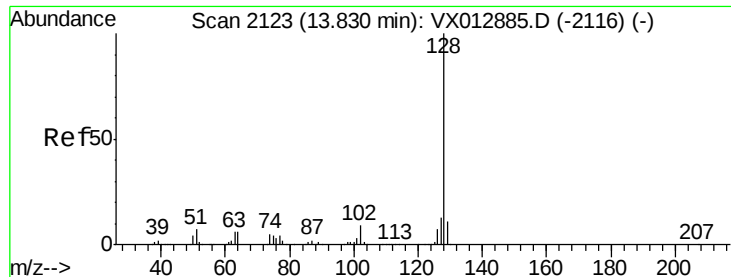
223 61.9 31.1 93.2

227 63.8 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: 55.519 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

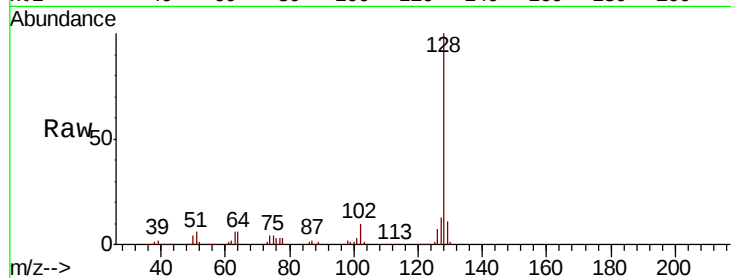
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 521957

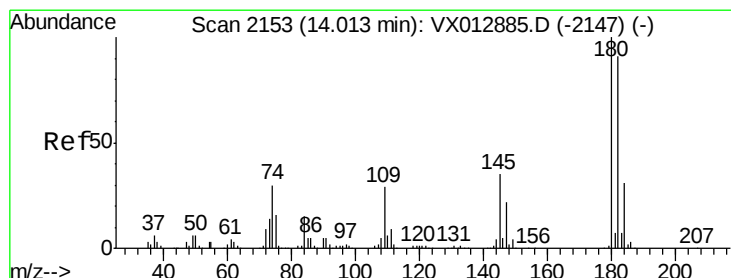
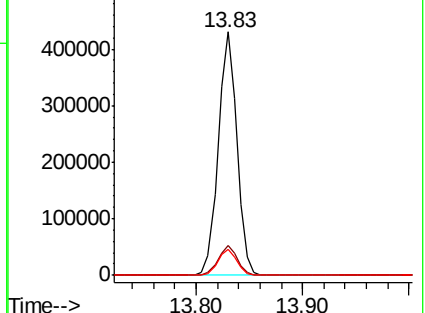
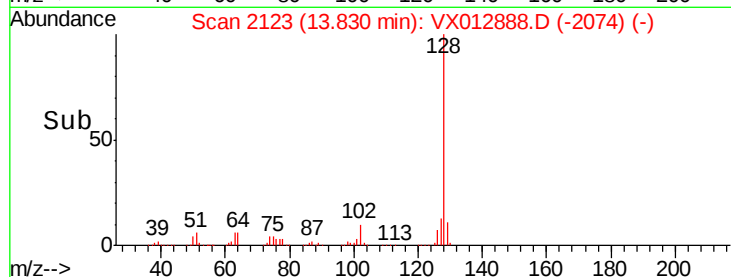
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.8	13.2



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: 54.081 ug/l

RT: 14.01 min Scan# 2153

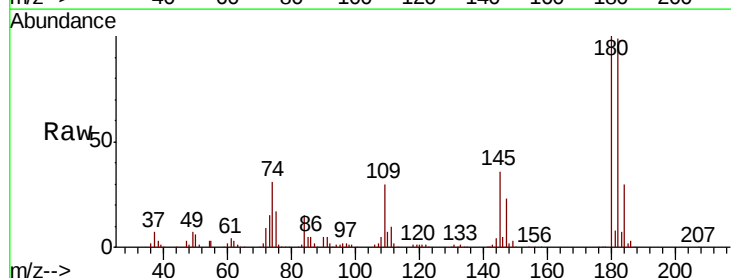
Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:180 Resp: 151568

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	35.4	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

