

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014960.D
 Acq On : 19 Feb 2020 12:00
 Operator : JC/SP
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 00:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	435941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	645689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319498	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	246319	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.48	113	199278	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.71	98	765221	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	276088	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	77560	18.787	ug/l 99
3) Chloromethane	1.32	50	87712	18.740	ug/l 100
4) Vinyl Chloride	1.40	62	90119	17.873	ug/l 97
5) Bromomethane	1.64	94	61471	18.835	ug/l 99
6) Chloroethane	1.72	64	59581	18.468	ug/l 99
7) Trichlorofluoromethane	1.93	101	129449	18.375	ug/l 99
8) Diethyl Ether	2.18	74	55873	19.126	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78580	19.217	ug/l 98
10) Methyl Iodide	2.50	142	83983	21.182	ug/l 98
11) Tert butyl alcohol	3.02	59	87160	100.336	ug/l 100
12) 1,1-Dichloroethene	2.37	96	73995	18.518	ug/l 99
13) Acrolein	2.28	56	43320	65.430	ug/l 97
14) Allyl chloride	2.72	41	126183	17.811	ug/l 99
15) Acrylonitrile	3.12	53	216533	98.327	ug/l 99
16) Acetone	2.43	43	223648	77.064	ug/l 100
17) Carbon Disulfide	2.56	76	189012	16.930	ug/l 100
18) Methyl Acetate	2.76	43	103308	20.849	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	253358	19.482	ug/l 98
20) Methylene Chloride	2.85	84	83741	17.694	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	79859	18.112	ug/l 98
22) Diisopropyl ether	3.84	45	266661	19.708	ug/l 92
23) Vinyl Acetate	3.80	43	1126898	101.030	ug/l 100
24) 1,1-Dichloroethane	3.69	63	144516	18.924	ug/l 98
25) 2-Butanone	4.65	43	308610	92.137	ug/l 99
26) 2,2-Dichloropropane	4.57	77	116725	17.736	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	93221	18.914	ug/l 97
28) Bromochloromethane	5.00	49	65645	22.178	ug/l 95
29) Tetrahydrofuran	5.11	42	192560	101.131	ug/l 99
30) Chloroform	5.19	83	146723	19.365	ug/l 96
31) Cyclohexane	5.57	56	126089	18.128	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	122769	18.524	ug/l 98
36) 1,1-Dichloropropene	5.79	75	106748	18.482	ug/l 99
37) Ethyl Acetate	4.81	43	115232	19.128	ug/l 98
38) Carbon Tetrachloride	5.78	117	105237	18.696	ug/l 99

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 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 00:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	129667	17.951	ug/l	96
40) Benzene	6.13	78	324969	18.831	ug/l	98
41) Methacrylonitrile	5.02	41	64481	19.869	ug/l	98
42) 1,2-Dichloroethane	6.18	62	121617	19.498	ug/l	100
43) Isopropyl Acetate	6.43	43	194453	19.567	ug/l	99
44) Trichloroethene	7.20	130	92877	18.539	ug/l	98
45) 1,2-Dichloropropane	7.50	63	84106	19.110	ug/l	98
46) Dibromomethane	7.65	93	57144	18.995	ug/l	97
47) Bromodichloromethane	7.89	83	114188	19.143	ug/l	96
48) Methyl methacrylate	7.76	41	96348	19.701	ug/l	100
49) 1,4-Dioxane	7.73	88	38202	417.784	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	604730	100.779	ug/l	99
52) Toluene	8.78	92	209695	19.131	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	123831	18.942	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	135918	18.820	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	87711	19.779	ug/l	98
56) Ethyl methacrylate	9.17	69	130816	19.626	ug/l	98
57) 1,3-Dichloropropane	9.36	76	146340	19.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	353524	101.414	ug/l	99
59) 2-Hexanone	9.48	43	460725	97.683	ug/l	99
60) Dibromochloromethane	9.57	129	91960	19.270	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90813	18.980	ug/l	99
64) Tetrachloroethene	9.33	164	97710	17.358	ug/l	98
65) Chlorobenzene	10.13	112	229497	18.793	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86251	19.455	ug/l	98
67) Ethyl Benzene	10.25	91	394160	18.979	ug/l	99
68) m/p-Xylenes	10.35	106	304116	38.012	ug/l	99
69) o-Xylene	10.69	106	144721	18.818	ug/l	99
70) Styrene	10.71	104	250059	19.220	ug/l	99
71) Bromoform	10.85	173	69119	18.678	ug/l	100
73) Isopropylbenzene	11.01	105	396794	19.804	ug/l	100
74) N-amyl acetate	10.89	43	162177	19.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	129034	19.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145153	25.124	ug/l	94
77) Bromobenzene	11.25	156	105301	18.830	ug/l	99
78) n-propylbenzene	11.35	91	443319	19.130	ug/l	99
79) 2-Chlorotoluene	11.42	91	262605	19.276	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	326783	19.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40934	18.135	ug/l	94
82) 4-Chlorotoluene	11.51	91	307455	19.057	ug/l	100
83) tert-Butylbenzene	11.76	119	313133	19.752	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	328863	19.492	ug/l	99
85) sec-Butylbenzene	11.94	105	382844	19.439	ug/l	99
86) p-Isopropyltoluene	12.06	119	357655	19.407	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188936	18.833	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	191063	18.649	ug/l	99
89) n-Butylbenzene	12.39	91	303930	18.414	ug/l	100
90) Hexachloroethane	12.59	117	61221	19.022	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188335	19.143	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27150	17.669	ug/l	99

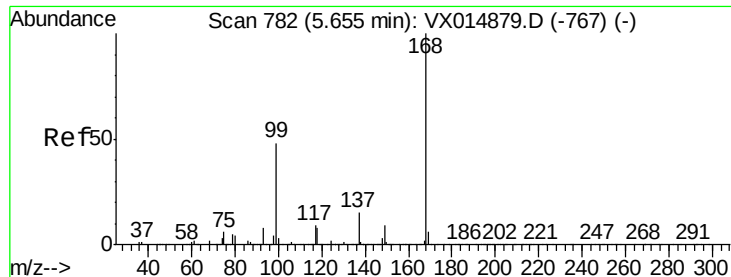
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
Data File : VX014960.D
Acq On : 19 Feb 2020 12:00
Operator : JC/SP
Sample : VX0219WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 20 00:21:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135138	18.609	ug/l	99
94) Hexachlorobutadiene	13.78	225	67566	19.236	ug/l	99
95) Naphthalene	13.83	128	380288	19.696	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	135310	19.286	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: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

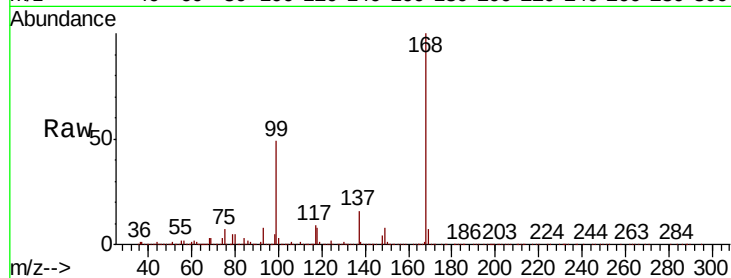
ClientSampleId :

Tot Ion:168 Resp: 435941

Ion Ratio Lower Upper

168 100

99 49.0 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

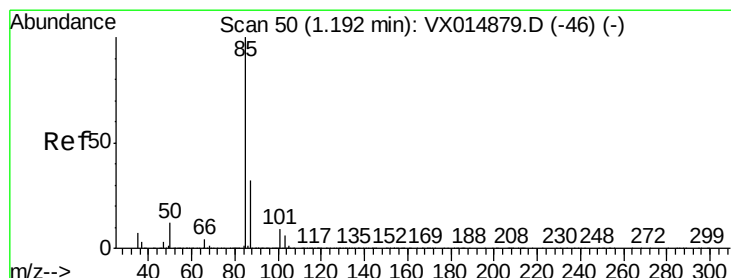
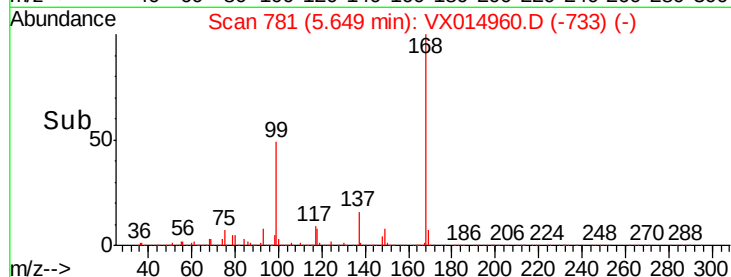
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.787 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014960.D

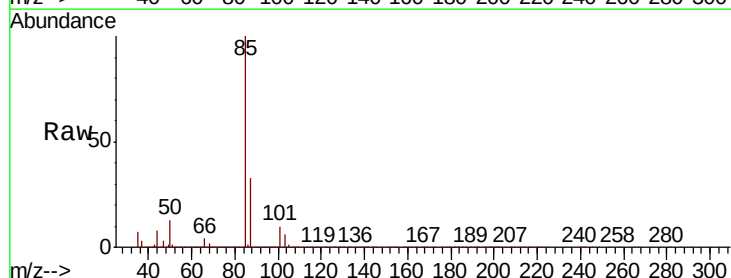
Acq: 19 Feb 2020 12:00

Tgt Ion: 85 Resp: 77560

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

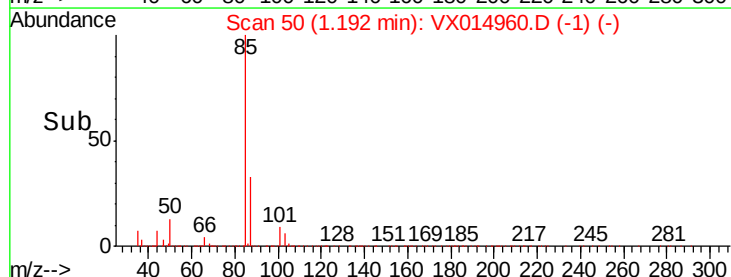
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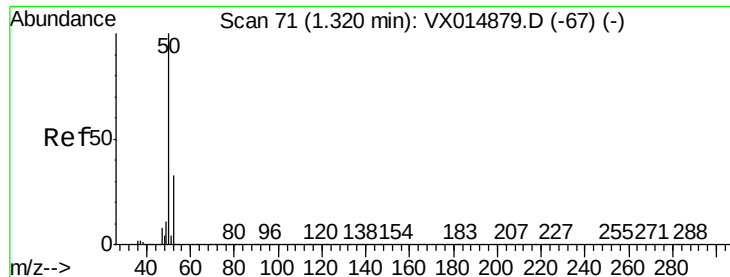
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Time-->

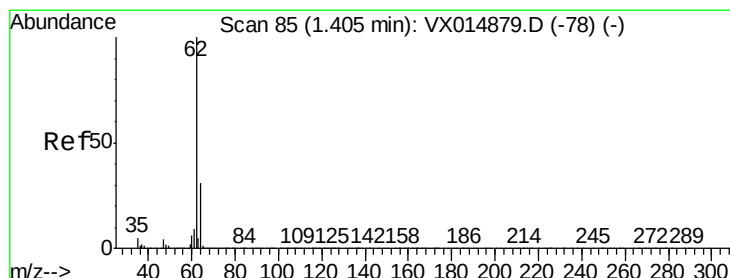
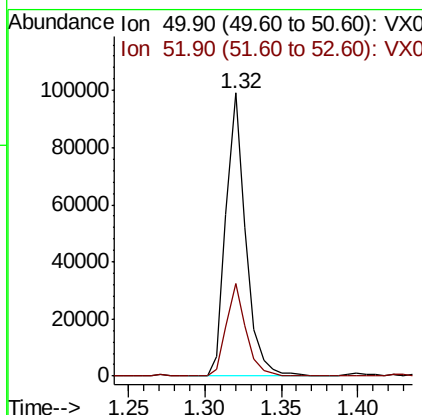
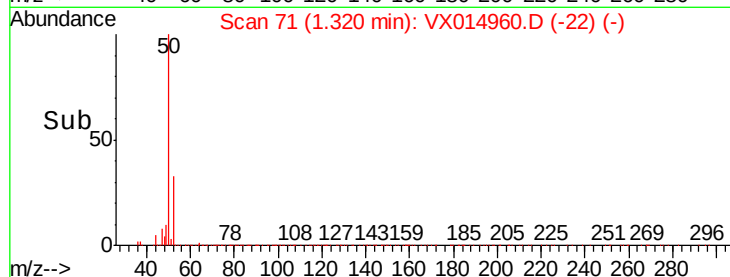
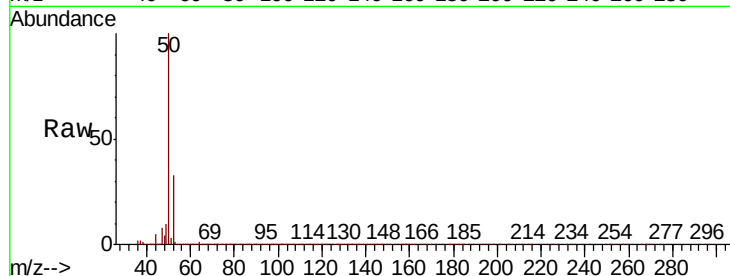




#3
Chloromethane
Concen: 18.740 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

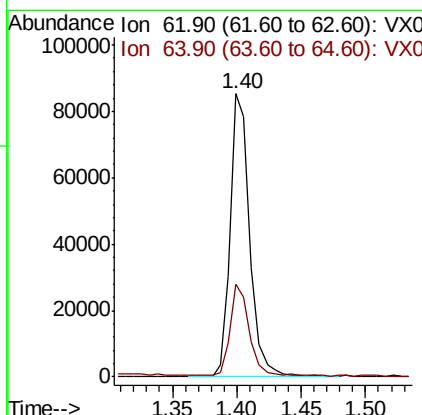
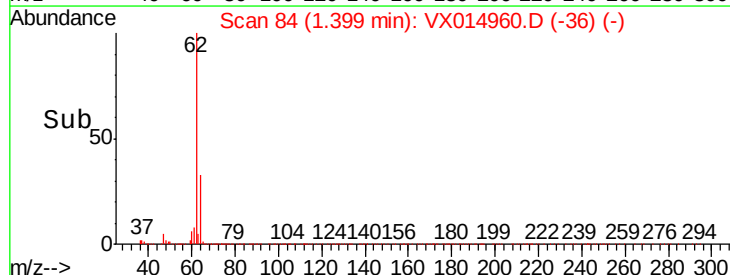
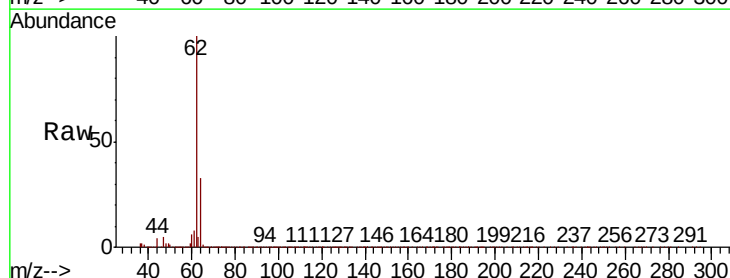
Instrument :
MSVOA_X
ClientSampled :

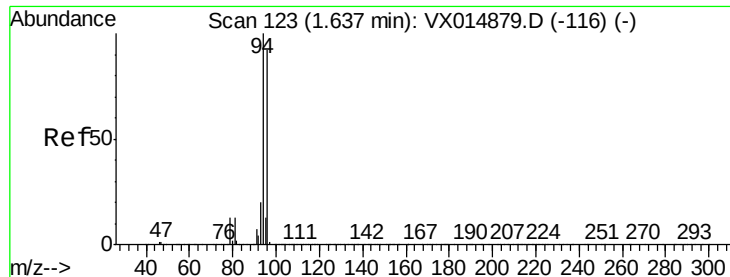
Tot Ion: 50 Resp: 87712
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 17.873 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 62 Resp: 90119
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2





#5

Bromomethane

Concen: 18.835 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

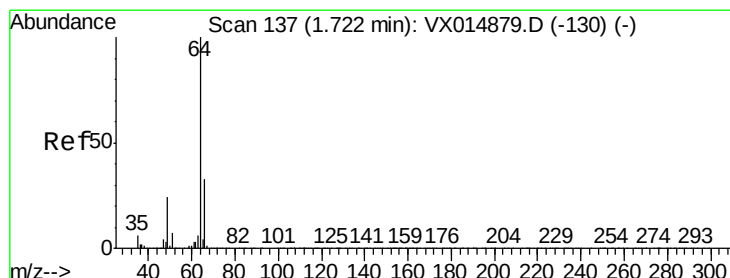
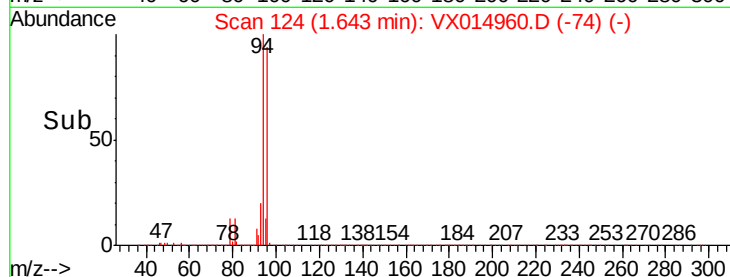
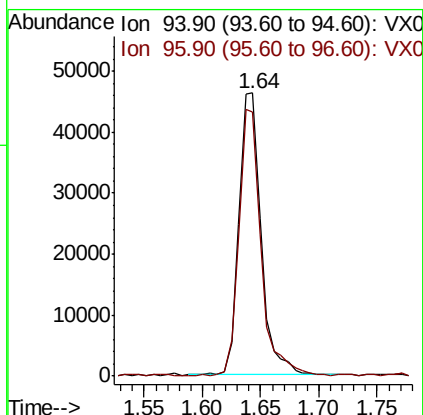
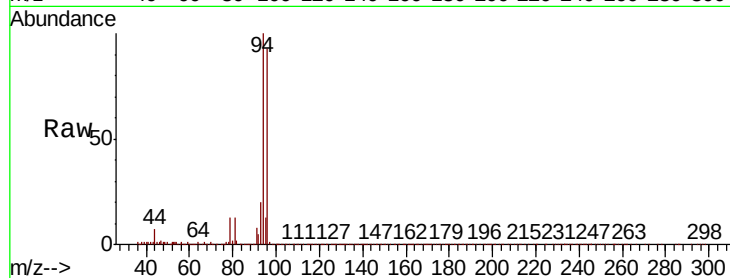
ClientSampleId :

Tot Ion: 94 Resp: 61471

Ion Ratio Lower Upper

94 100

96 93.3 73.7 110.5



#6

Chloroethane

Concen: 18.468 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014960.D

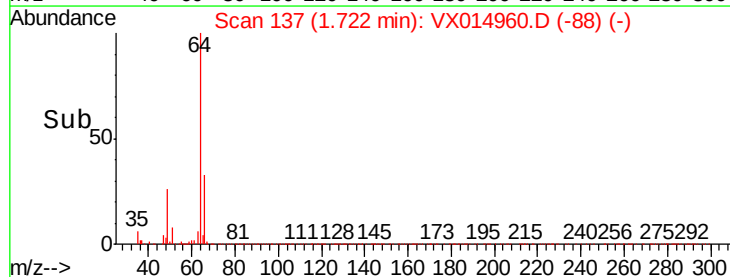
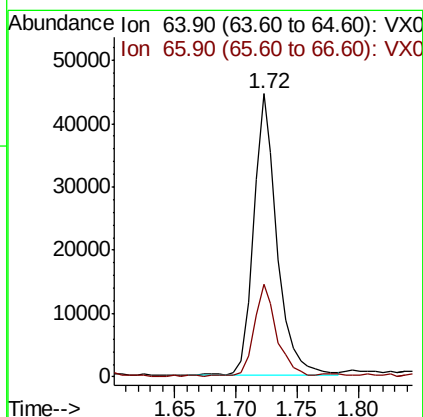
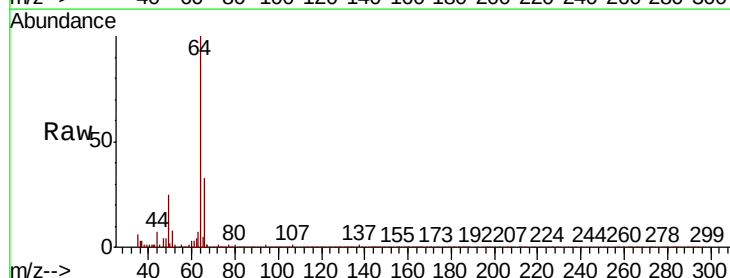
Acq: 19 Feb 2020 12:00

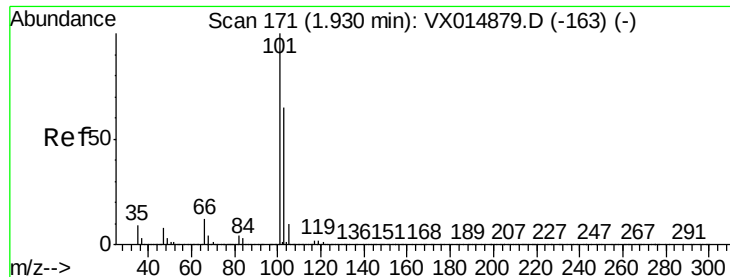
Tgt Ion: 64 Resp: 59581

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4



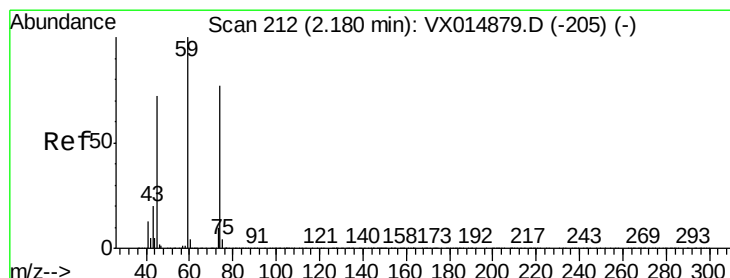
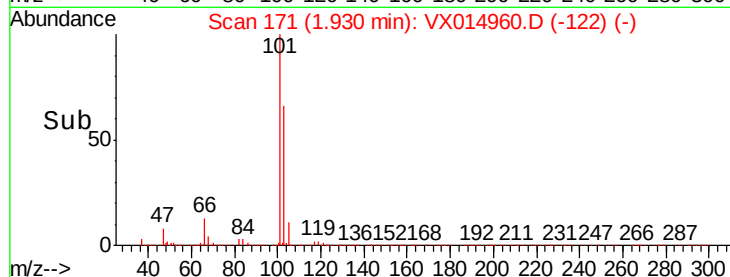
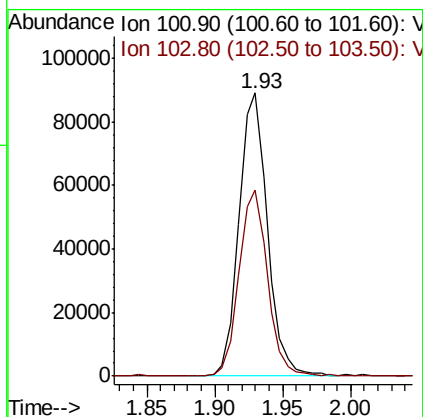
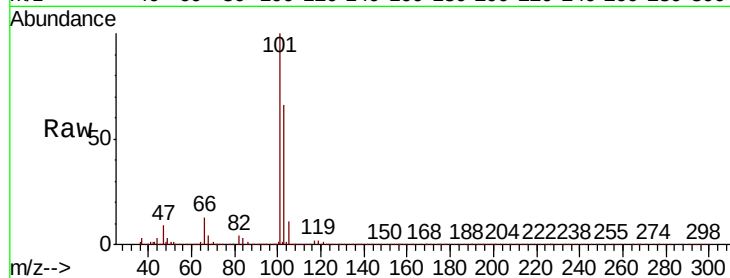


#7

Trichlorofluoromethane
Concen: 18.375 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :

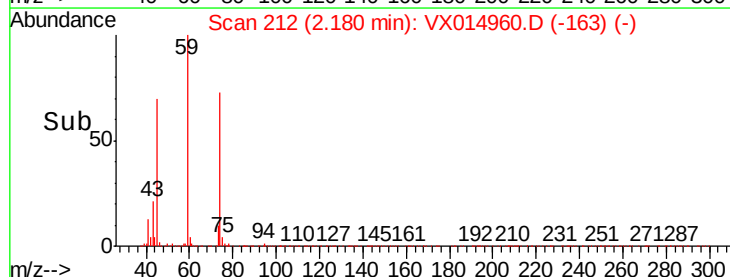
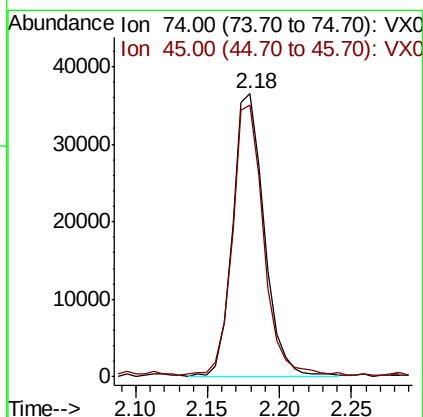
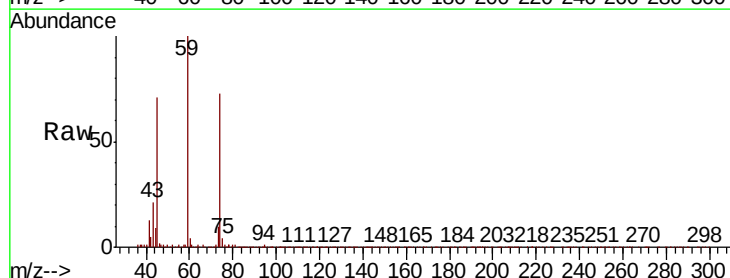
Tot Ion:101 Resp: 129449
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

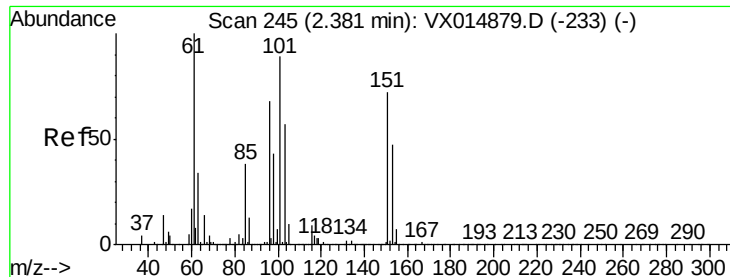


#8

Diethyl Ether
Concen: 19.126 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 74 Resp: 55873
Ion Ratio Lower Upper
74 100
45 93.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.217 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

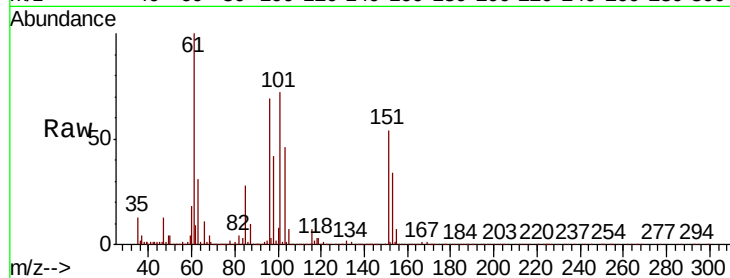
Tot Ion:101 Resp: 78580

Ion Ratio Lower Upper

101 100

85 42.2 34.1 51.1

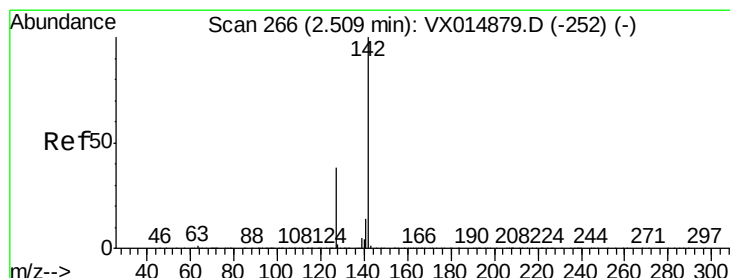
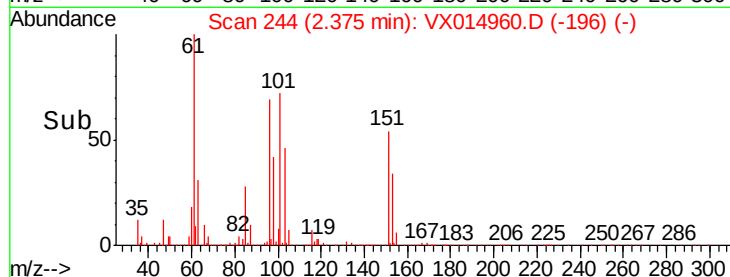
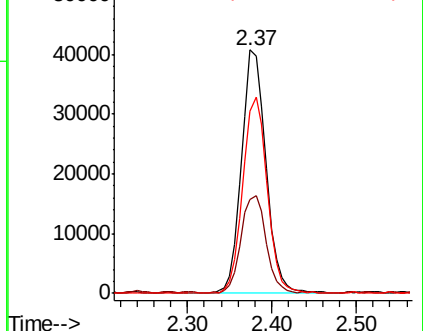
151 81.1 67.3 100.9



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: 21.182 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

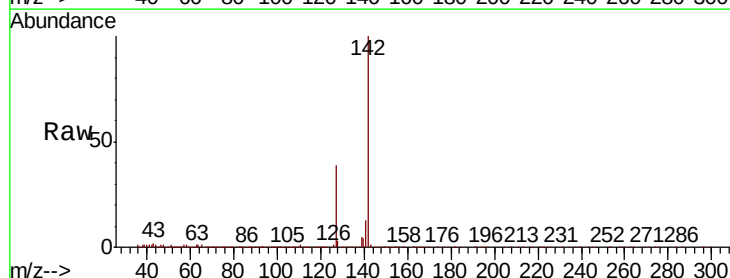
Tgt Ion:142 Resp: 83983

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

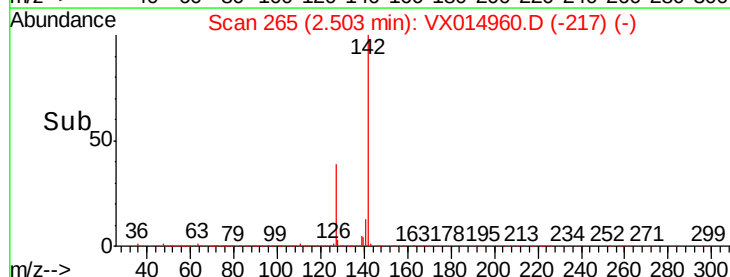
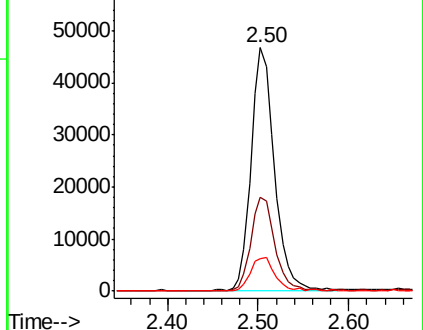
141 15.1 11.3 16.9

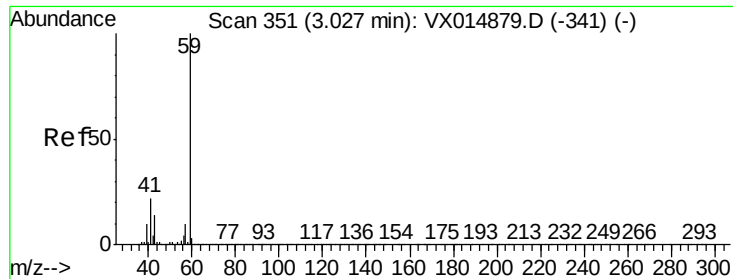


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



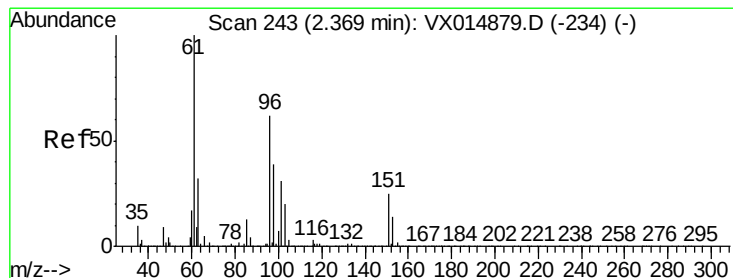
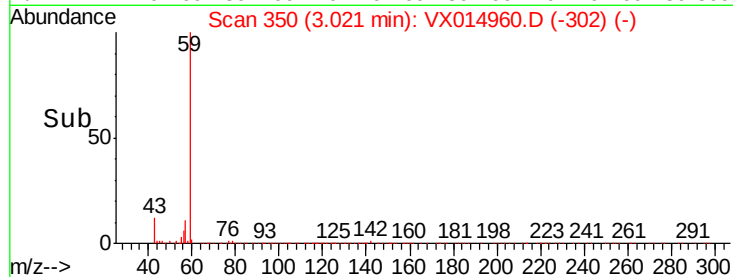
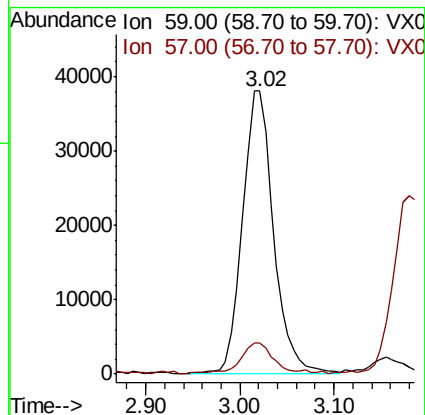
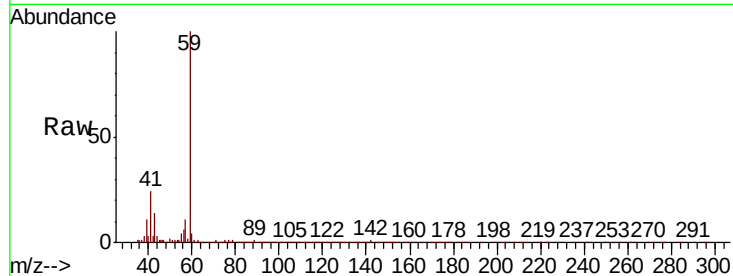


#11

Tert butyl alcohol
 Concen: 100.336 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

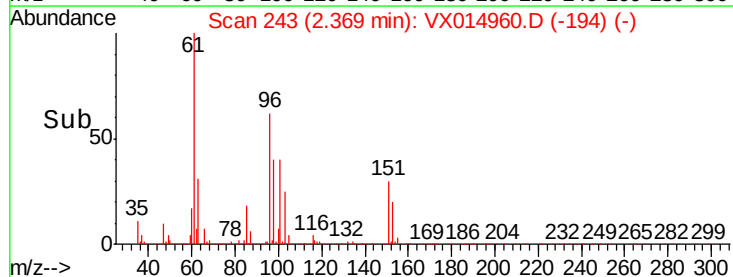
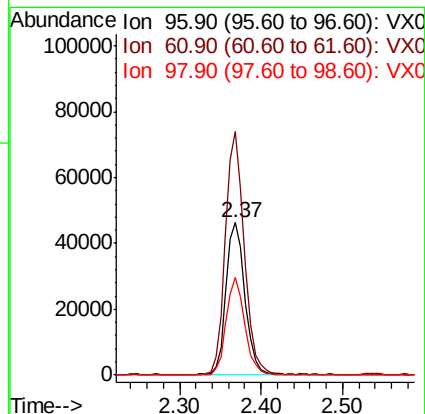
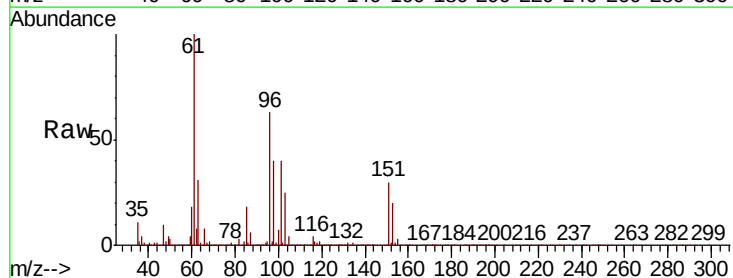
Tot Ion: 59 Resp: 87160
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

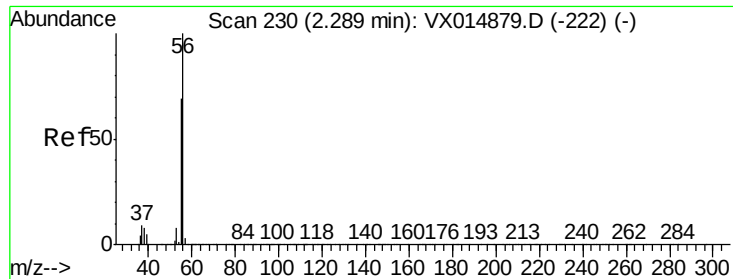


#12

1,1-Dichloroethene
 Concen: 18.518 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion: 96 Resp: 73995
 Ion Ratio Lower Upper
 96 100
 61 159.8 129.5 194.3
 98 64.2 50.6 76.0

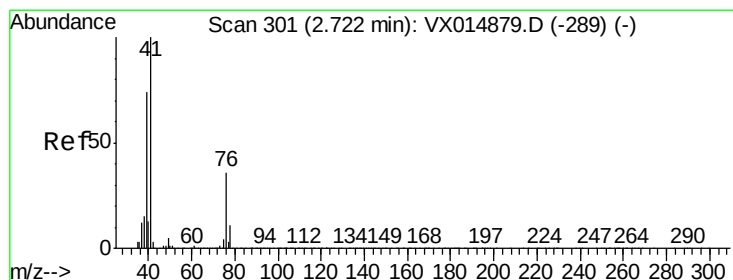
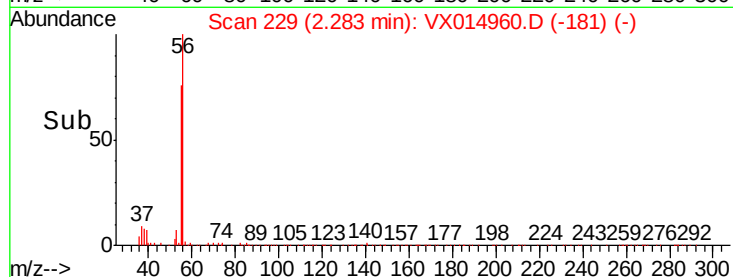
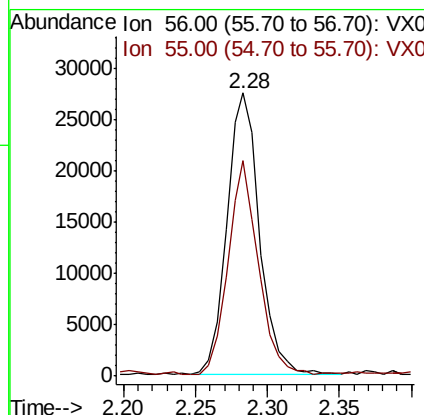
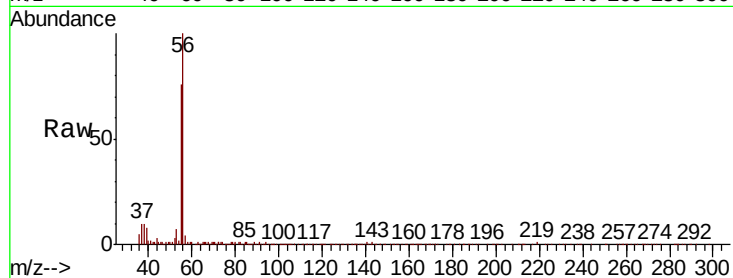




#13
Acrolein
Concen: 65.430 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

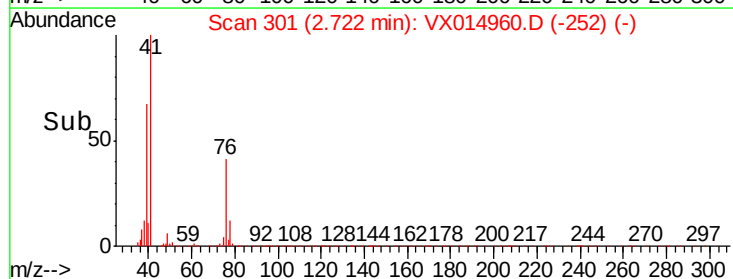
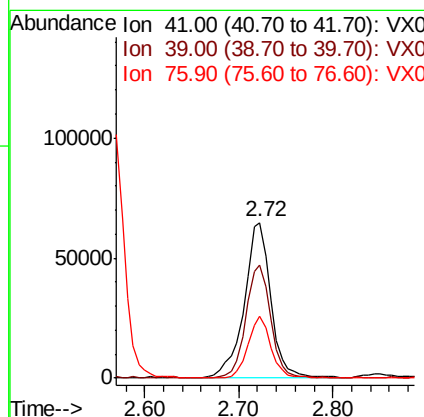
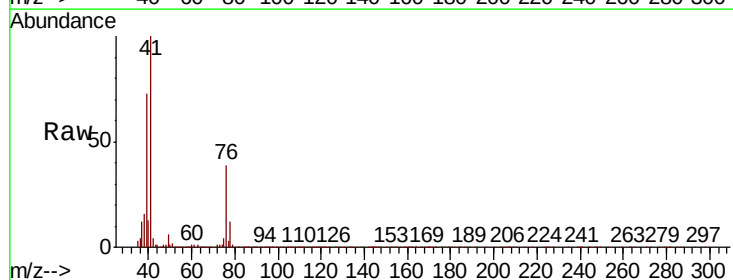
Instrument :
MSVOA_X
ClientSampleId :

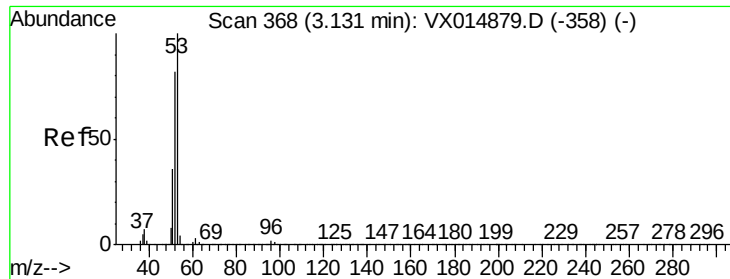
Tot Ion: 56 Resp: 43320
Ion Ratio Lower Upper
56 100
55 70.8 55.0 82.4



#14
Allyl chloride
Concen: 17.811 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 41 Resp: 126183
Ion Ratio Lower Upper
41 100
39 69.0 55.2 82.8
76 35.0 26.8 40.2





#15

Acrylonitrile

Concen: 98.327 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

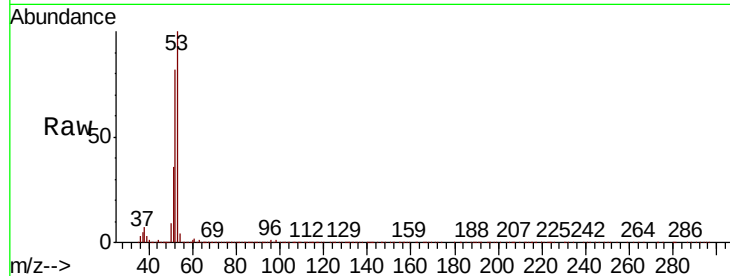
Tot Ion: 53 Resp: 216533

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

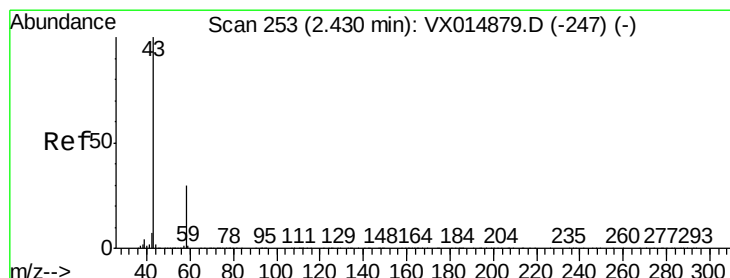
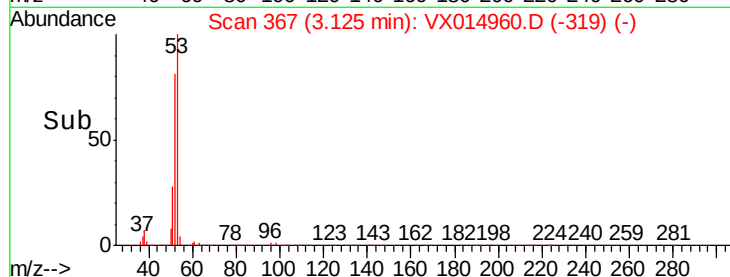
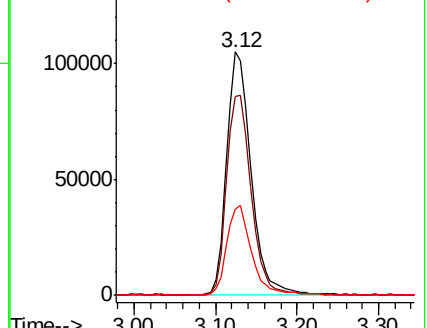
51 36.5 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 77.064 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014960.D

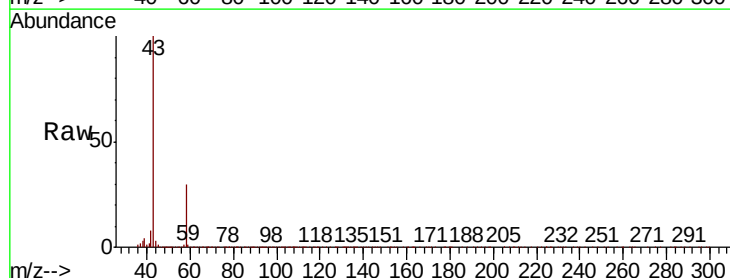
Acq: 19 Feb 2020 12:00

Tgt Ion: 43 Resp: 223648

Ion Ratio Lower Upper

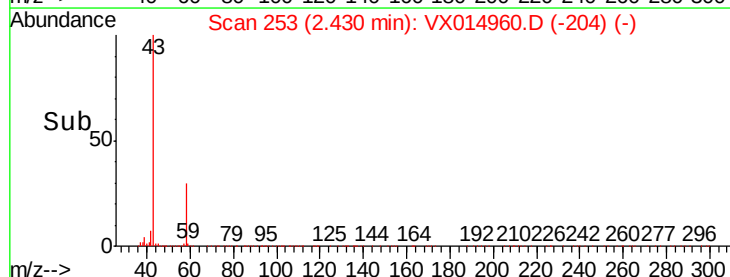
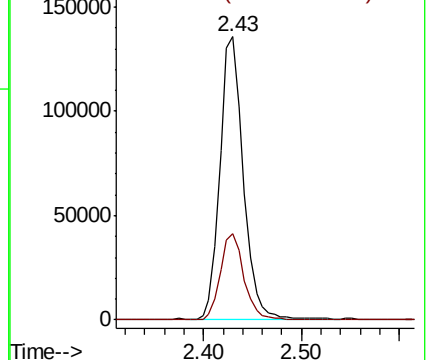
43 100

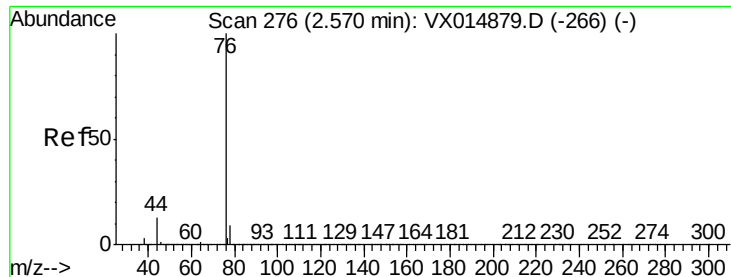
58 30.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.930 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

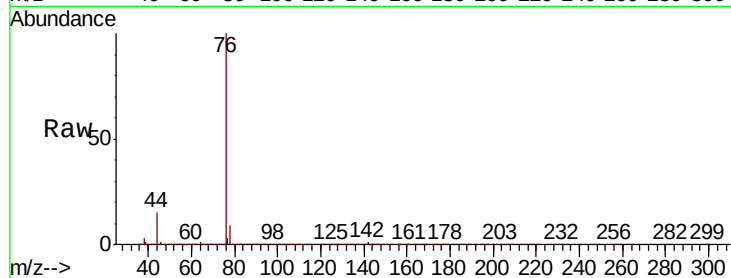
ClientSampled :

Tot Ion: 76 Resp: 189012

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

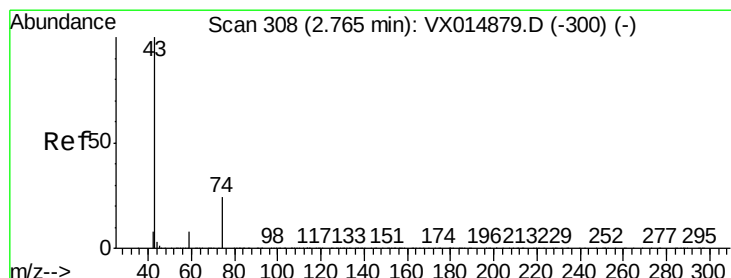
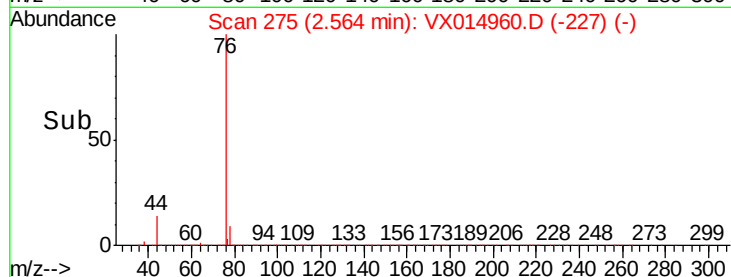
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.849 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014960.D

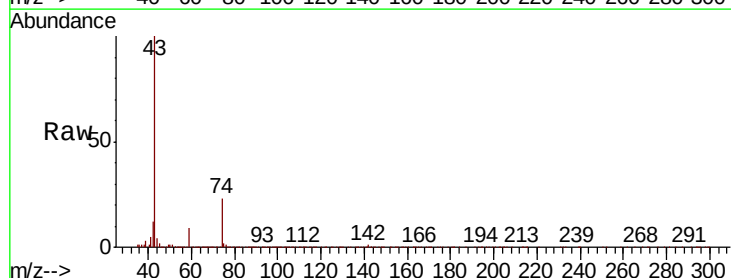
Acq: 19 Feb 2020 12:00

Tgt Ion: 43 Resp: 103308

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

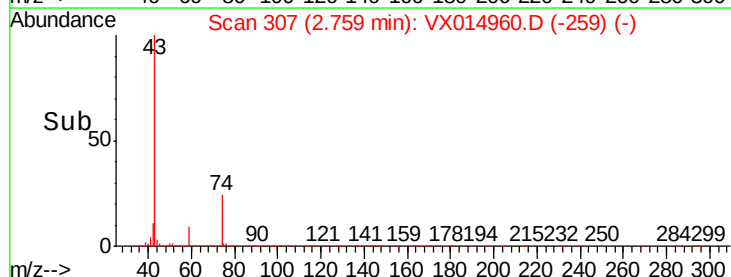
40000

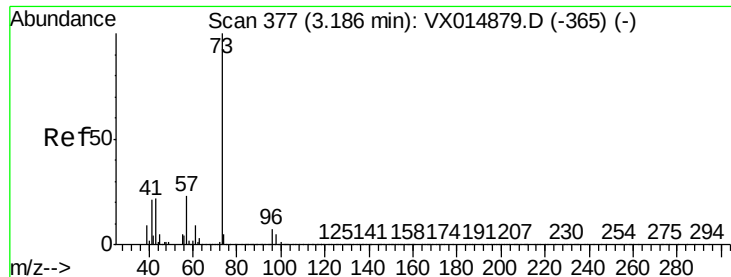
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85



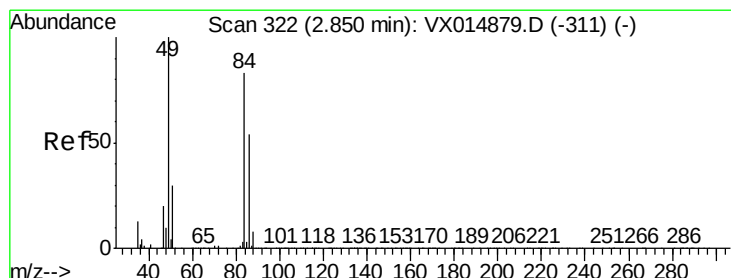
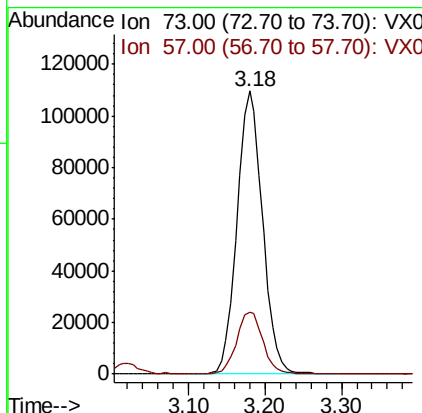
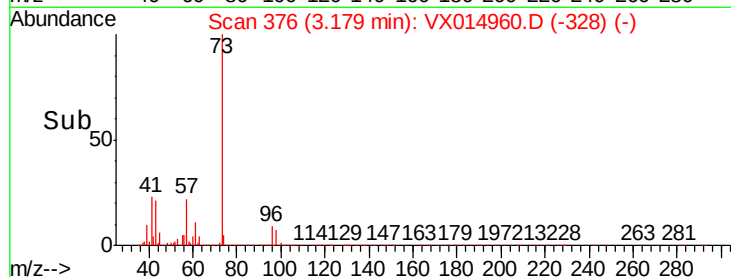
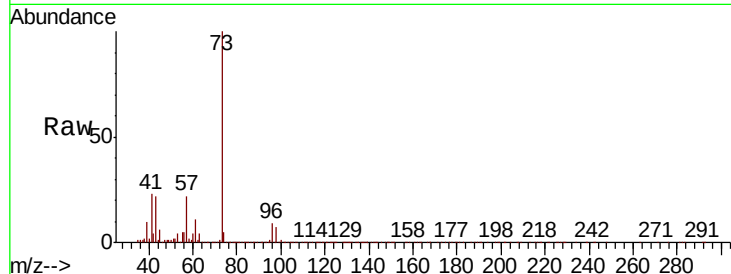


#19

Methyl tert-butyl Ether
 Concen: 19.482 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

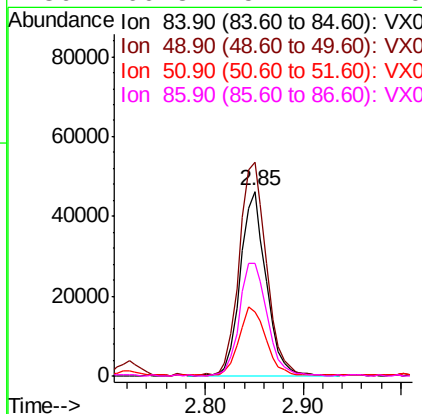
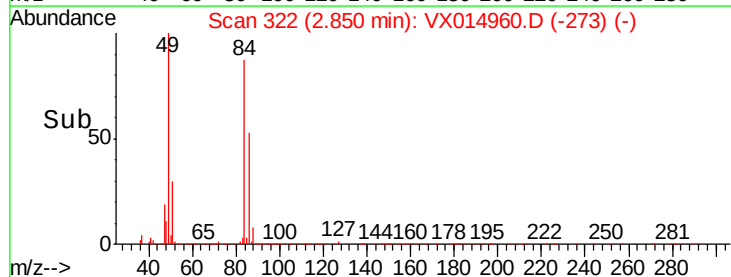
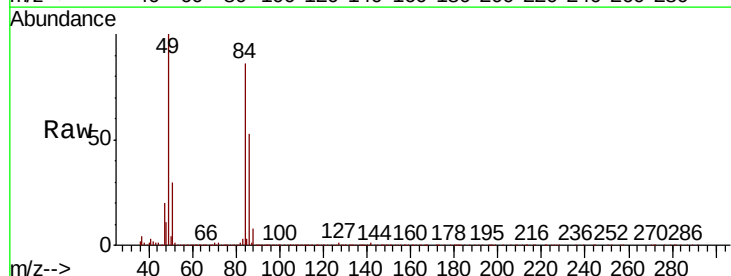
Tot Ion: 73 Resp: 253358
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.2 27.4

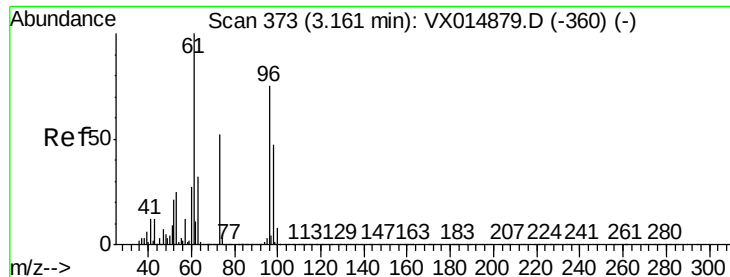


#20

Methylene Chloride
 Concen: 17.694 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion: 84 Resp: 83741
 Ion Ratio Lower Upper
 84 100
 49 115.4 95.6 143.4
 51 34.5 29.0 43.6
 86 60.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.112 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :

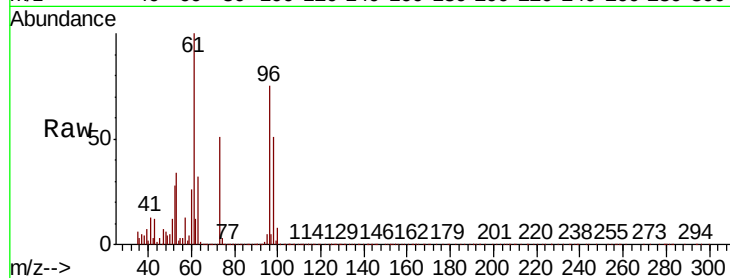
Tot Ion: 96 Resp: 79859

Ion Ratio Lower Upper

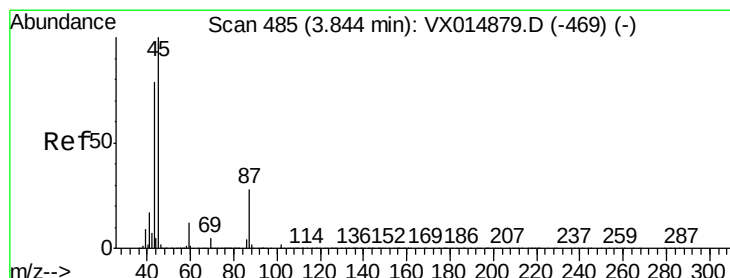
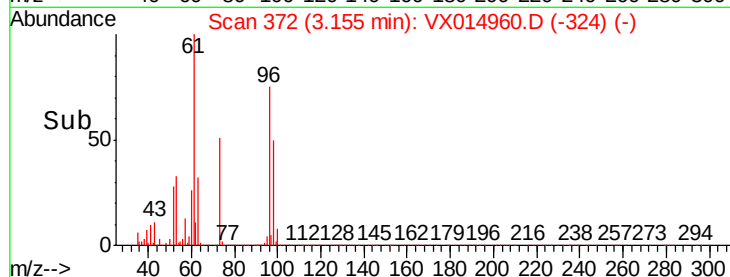
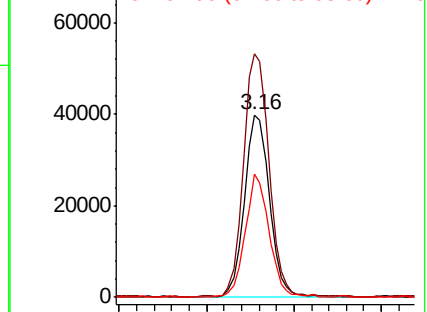
96 100

61 133.3 106.9 160.3

98 67.0 50.7 76.1



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



#22

Diisopropyl ether

Concen: 19.708 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Tgt Ion: 45 Resp: 266661

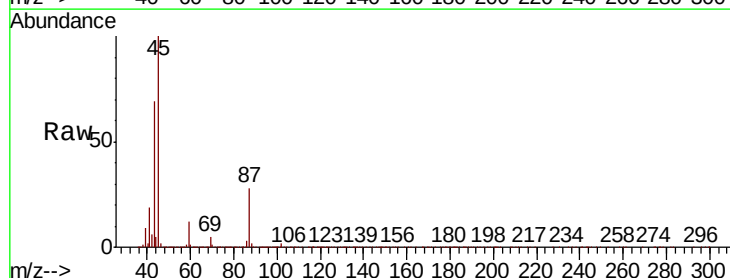
Ion Ratio Lower Upper

45 100

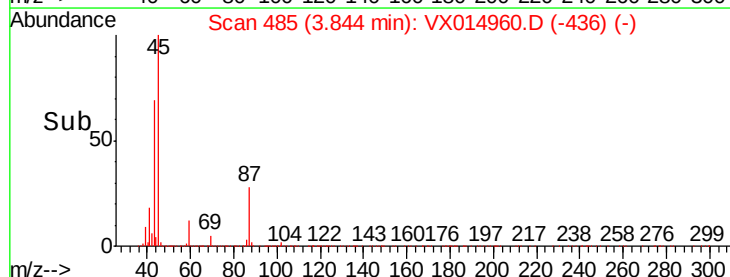
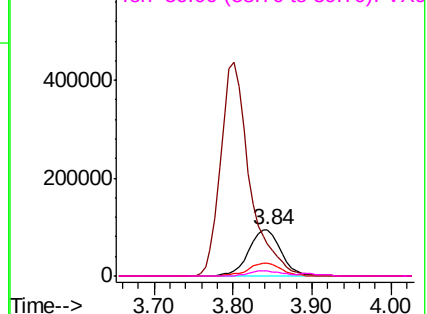
43 68.8 63.5 95.3

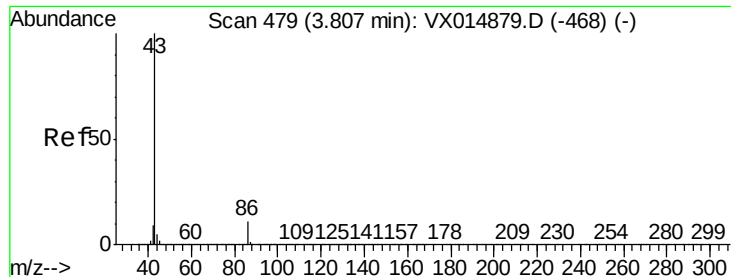
87 28.0 22.2 33.4

59 11.6 9.4 14.0



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





#23

Vinyl Acetate

Concen: 101.030 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

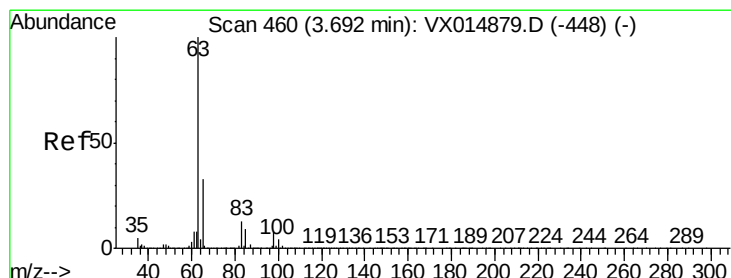
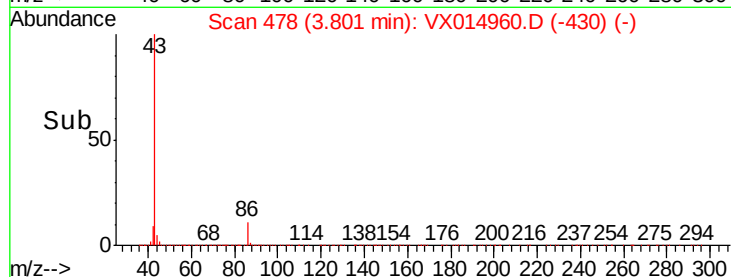
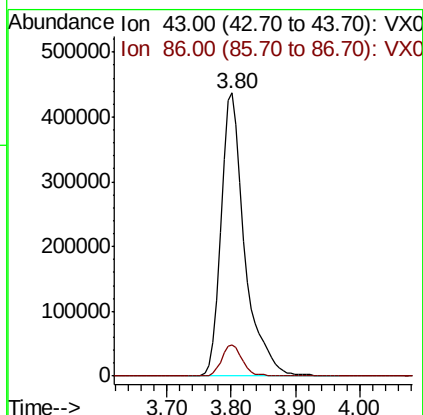
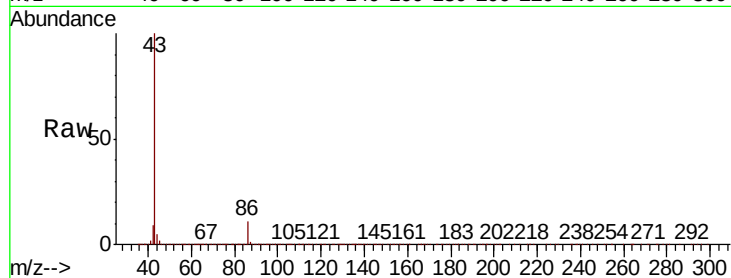
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1126898

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 18.924 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

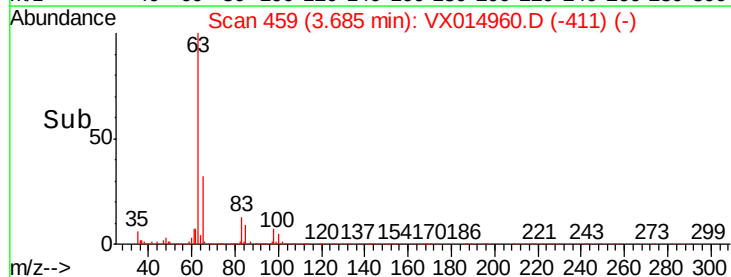
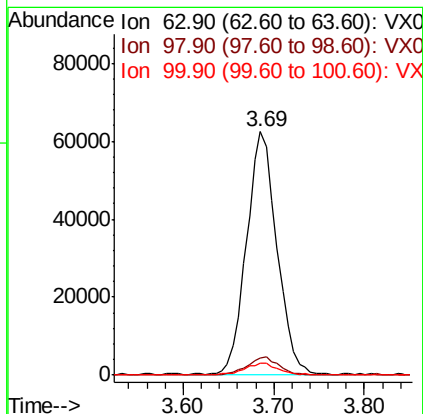
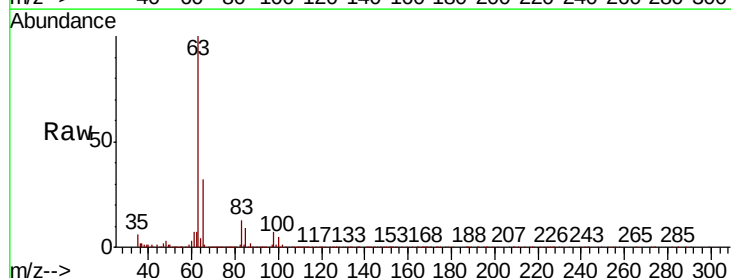
Tgt Ion: 63 Resp: 144516

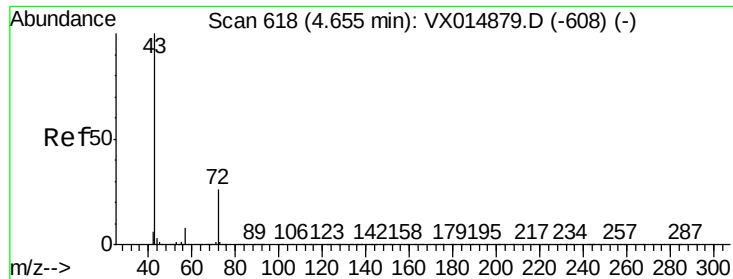
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 92.137 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

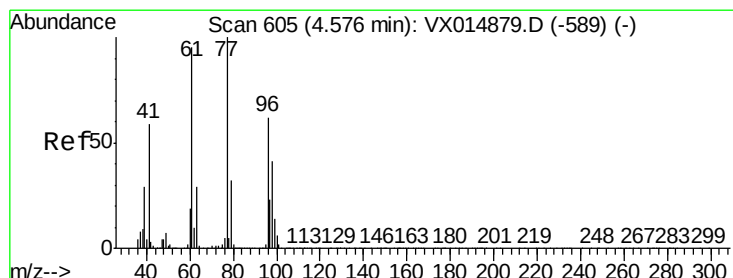
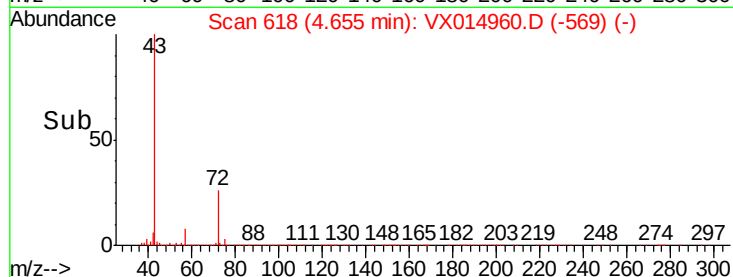
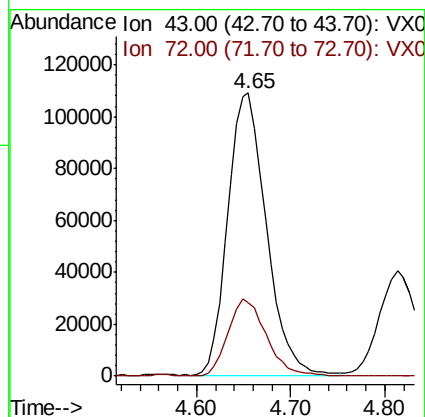
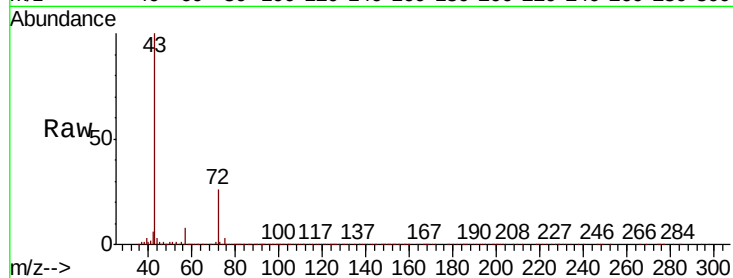
ClientSampleId :

Tot Ion: 43 Resp: 308610

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.736 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014960.D

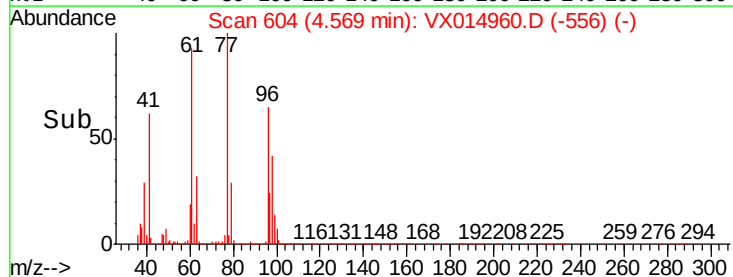
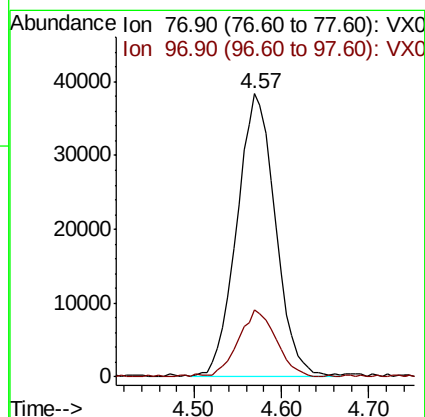
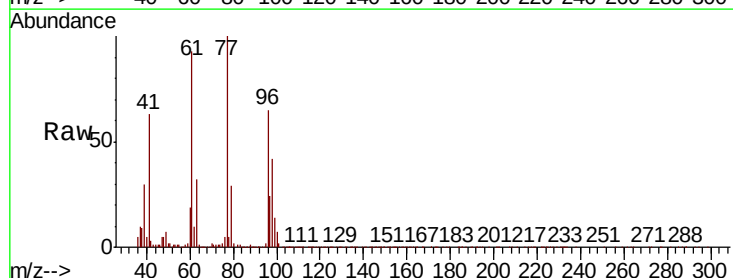
Acq: 19 Feb 2020 12:00

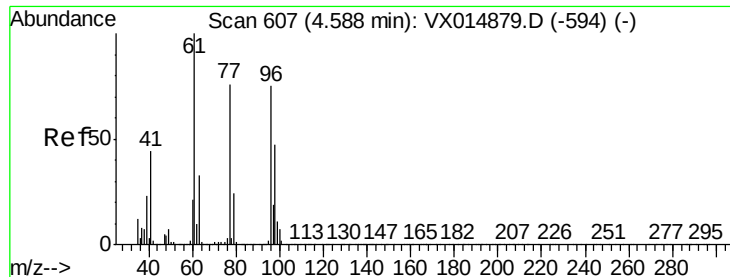
Tgt Ion: 77 Resp: 116725

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5



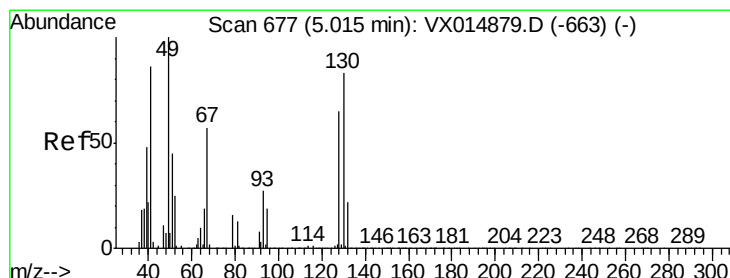
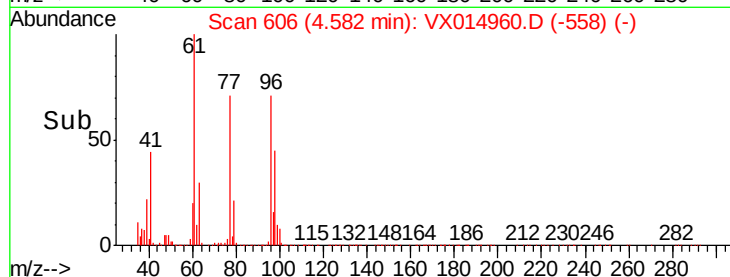
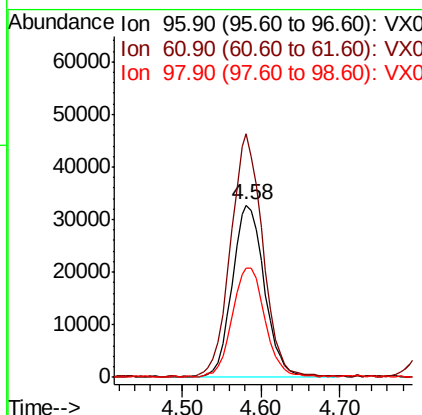
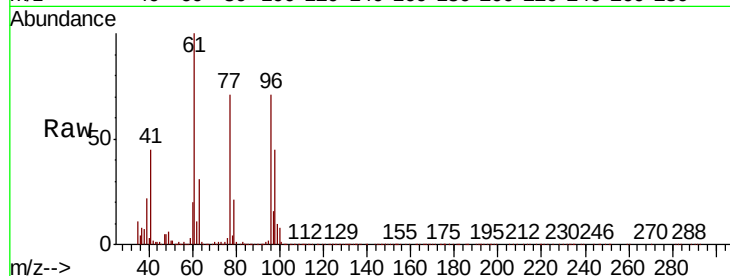


#27

cis-1,2-Dichloroethene
Concen: 18.914 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampled :

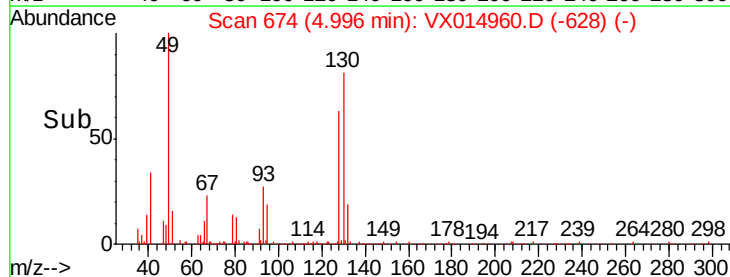
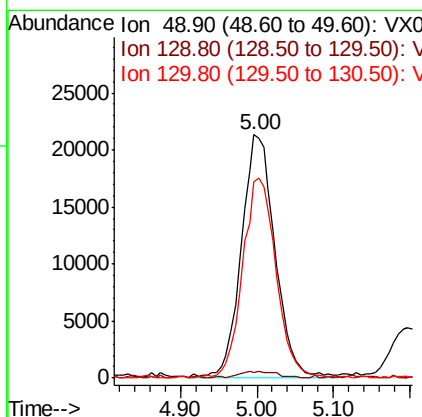
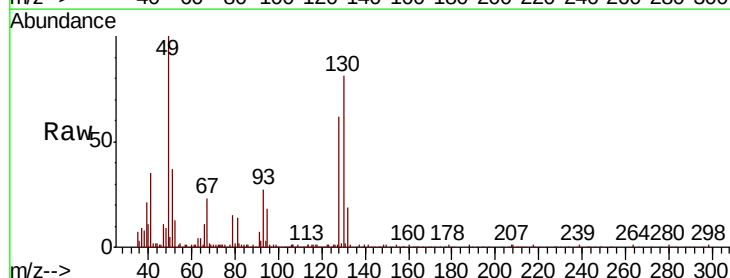
Tot Ion	96	Resp	93221
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	286.2
98	63.7	0.0	131.0

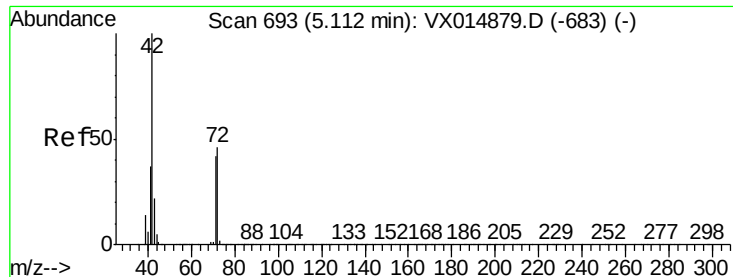


#28

Bromochloromethane
Concen: 22.178 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	49	Resp	65645
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	80.2	67.4	101.2

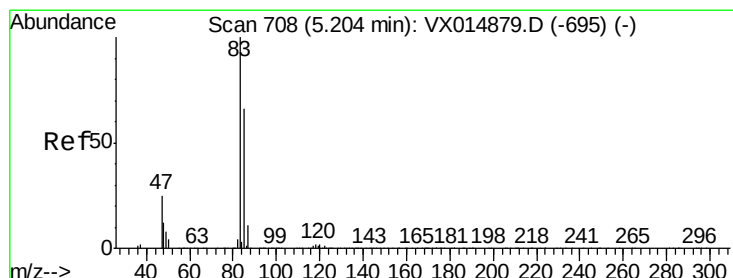
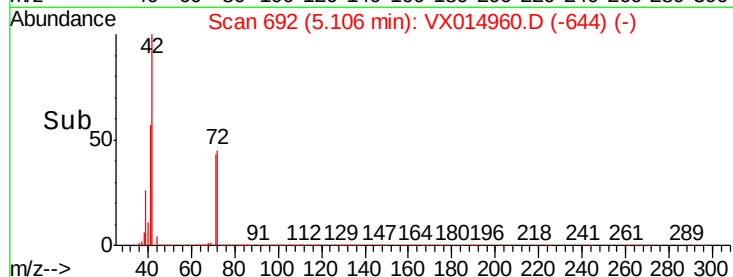
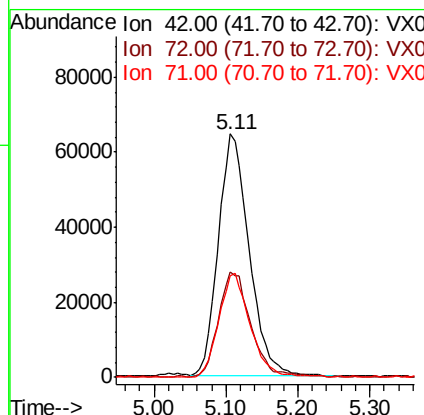
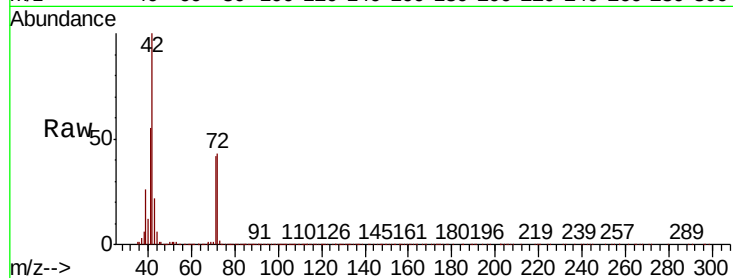




#29
Tetrahydrofuran
Concen: 101.131 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

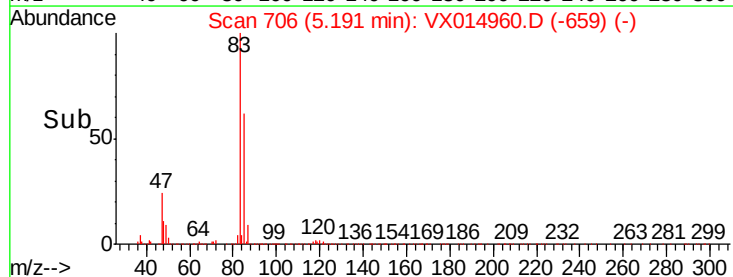
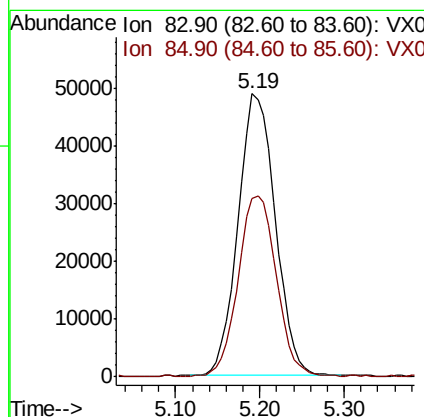
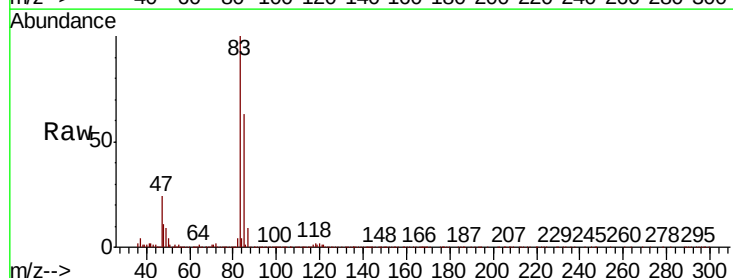
Instrument :
MSVOA_X
ClientSampleId :

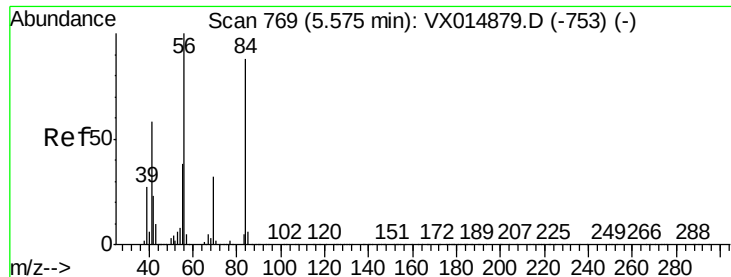
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.9	55.3
71	43.4	34.1	51.1



#30
Chloroform
Concen: 19.365 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.9	79.3





#31

Cyclohexane

Concen: 18.128 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

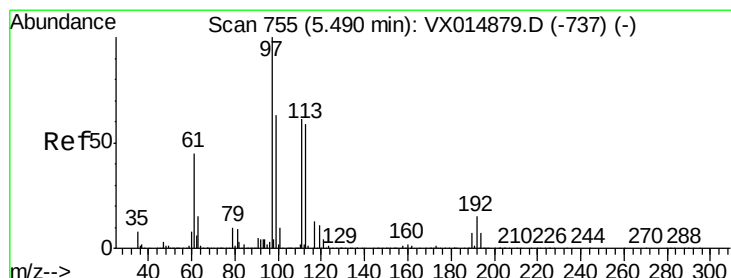
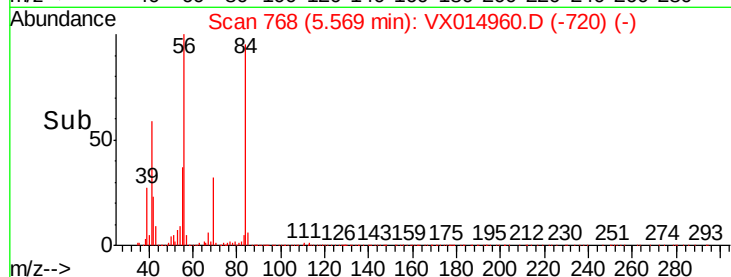
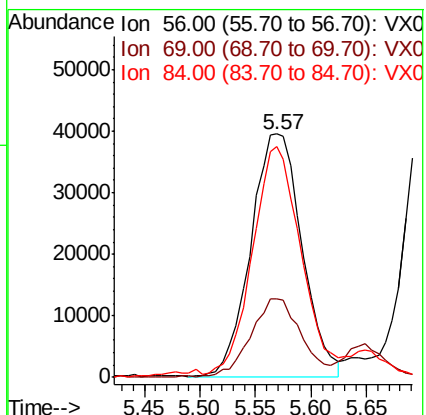
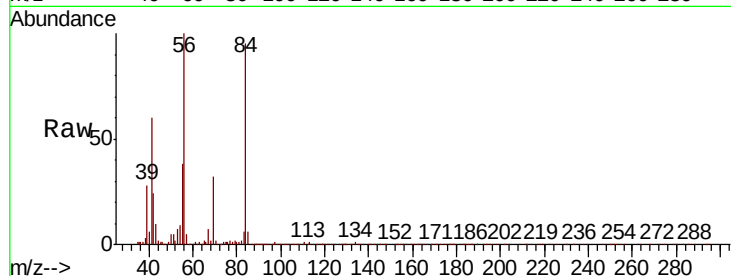
Tot Ion: 56 Resp: 126089

Ion Ratio Lower Upper

56 100

69 31.7 25.9 38.9

84 93.4 70.4 105.6



#32

1,1,1-Trichloroethane

Concen: 18.524 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

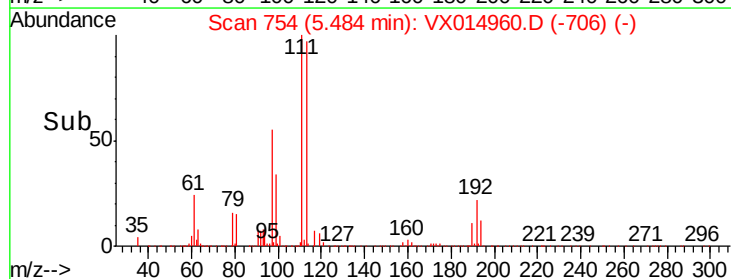
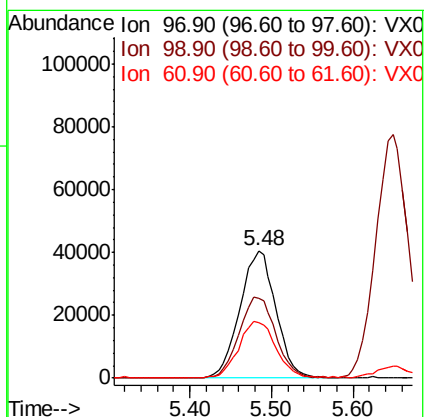
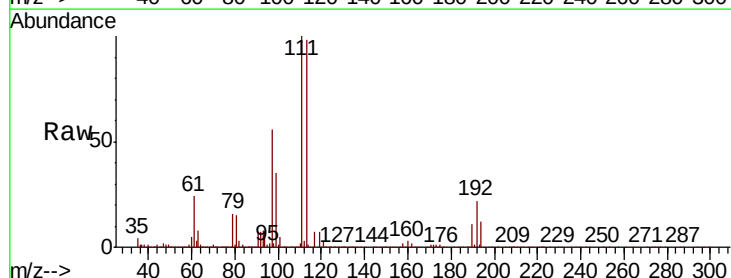
Tgt Ion: 97 Resp: 122769

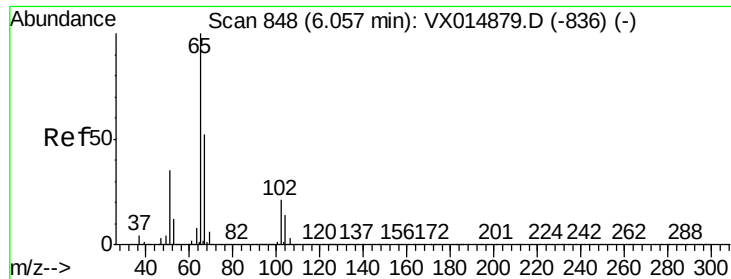
Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.6

61 45.9 36.3 54.5

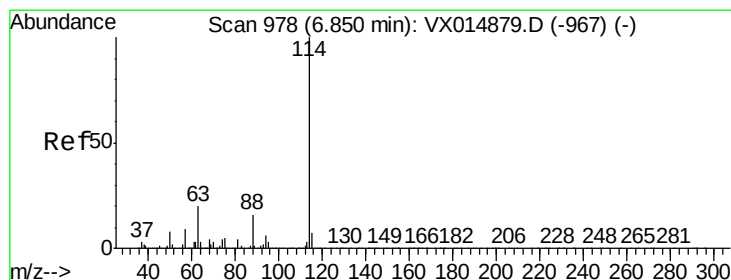
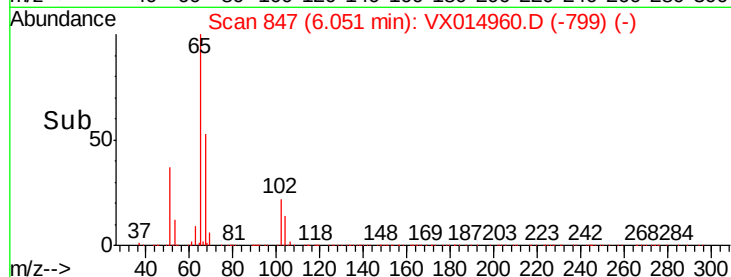
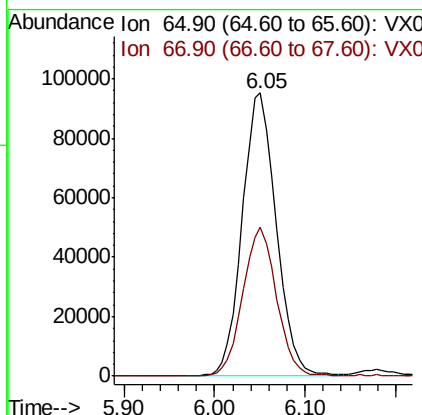
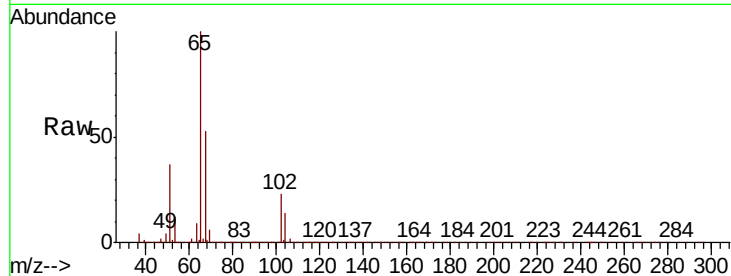




#33
 1,2-Dichloroethane-d4
 Concen: 50.065 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

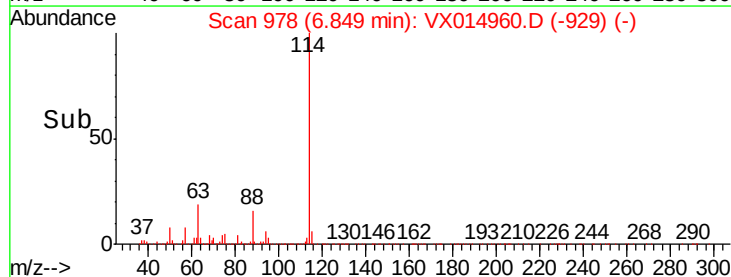
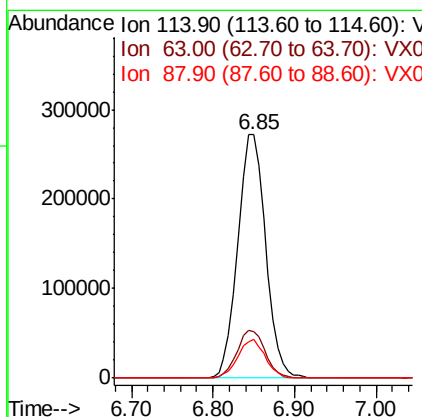
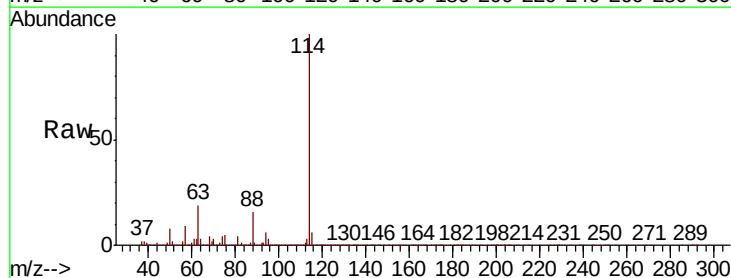
Instrument :
 MSVOA_X
 ClientSampled :

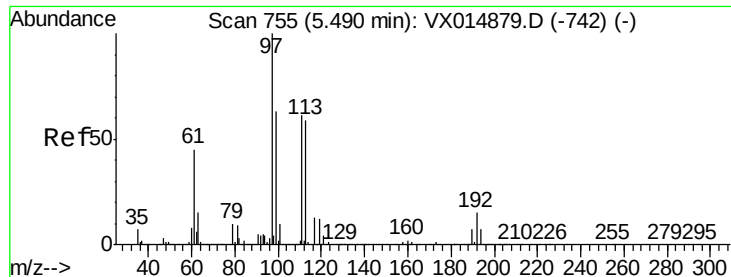
Tot Ion: 65 Resp: 246319
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion: 114 Resp: 645689
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.202 ug/l

RT: 5.48 min Scan# 754

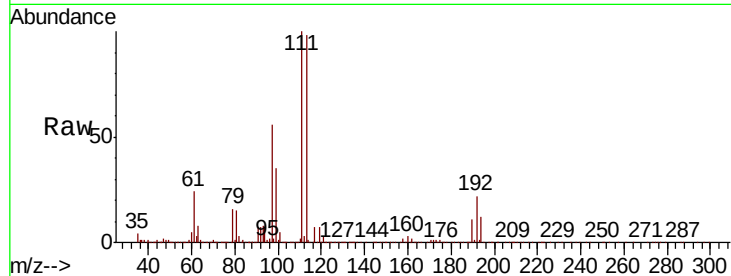
Delta R.T. -0.01 min

Lab File: VX014960.D

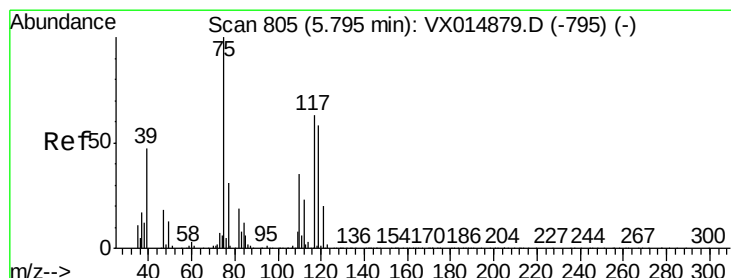
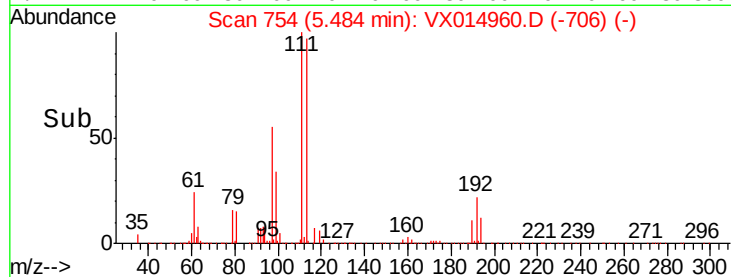
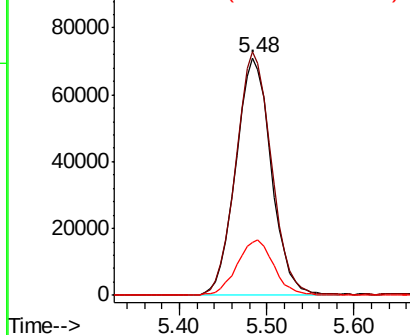
Acq: 19 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	199278
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	24.3	19.1	28.7



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



#36

1,1-Dichloropropene

Concen: 18.482 ug/l

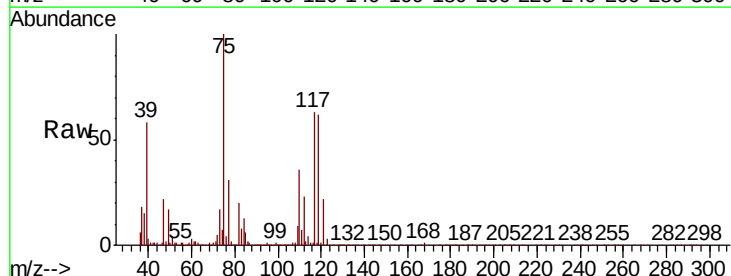
RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

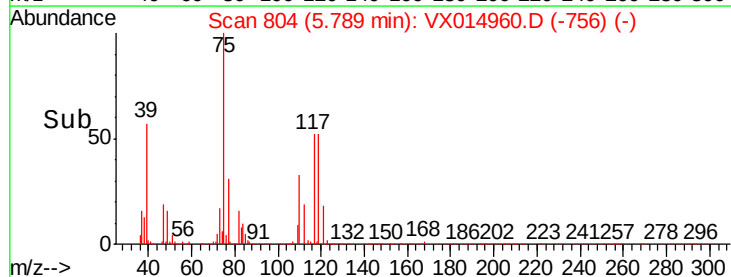
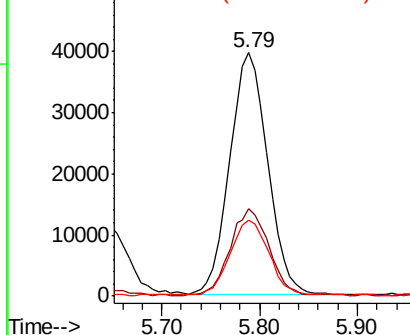
Lab File: VX014960.D

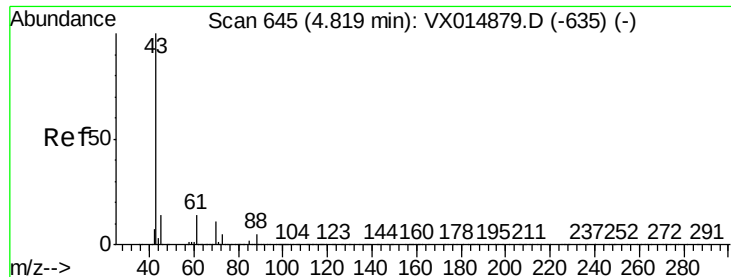
Acq: 19 Feb 2020 12:00

Tgt Ion:	75	Resp:	106748
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.3	54.8
77	31.0	24.6	36.8



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

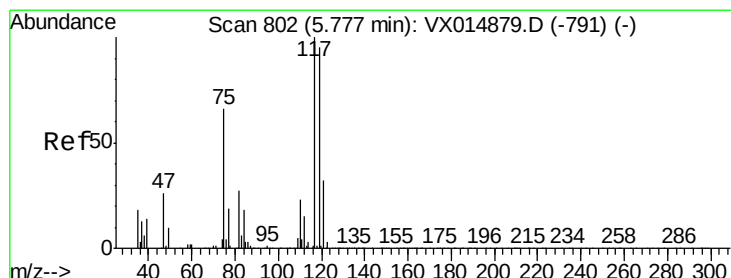
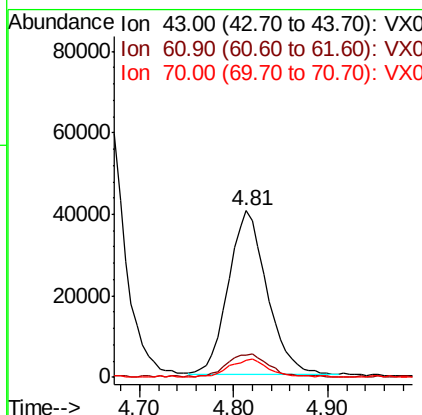
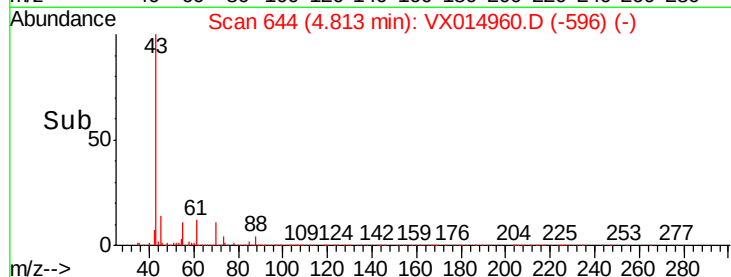
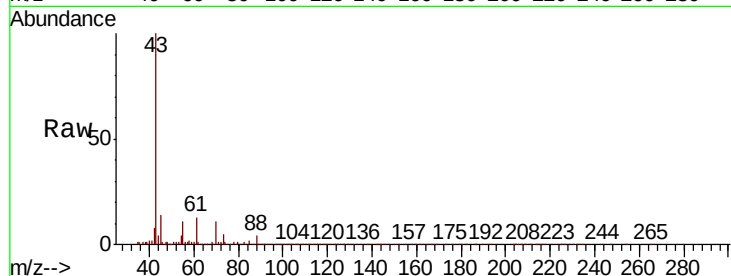




#37
Ethyl Acetate
Concen: 19.128 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

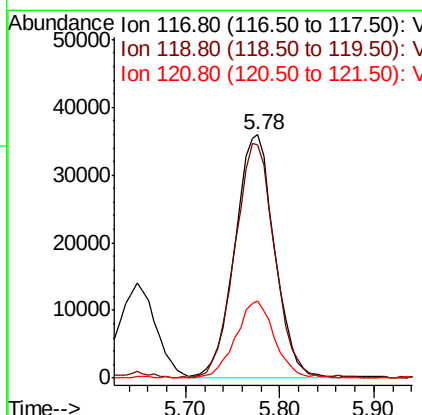
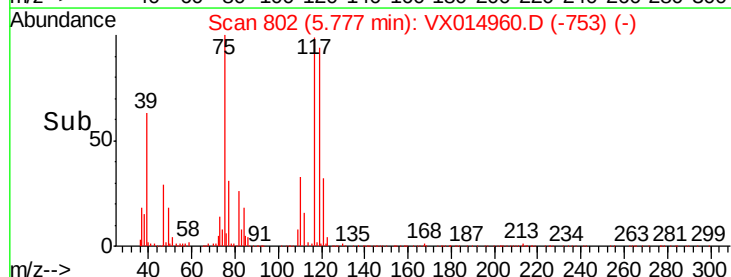
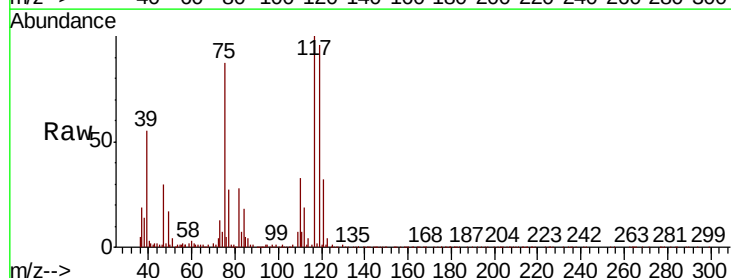
Instrument :
MSVOA_X
ClientSampleId :

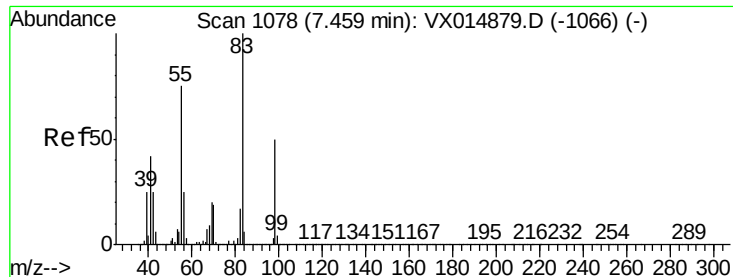
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.9	16.3
70	11.9	8.7	13.1



#38
Carbon Tetrachloride
Concen: 18.696 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
121	31.6	25.4	38.2

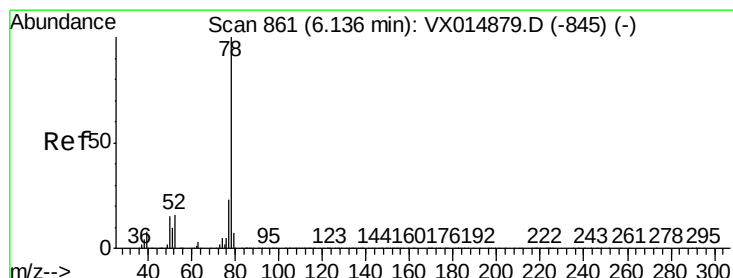
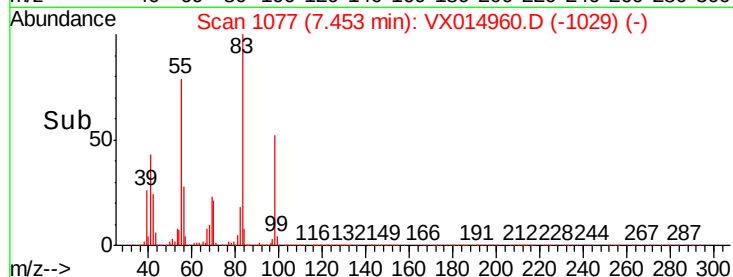
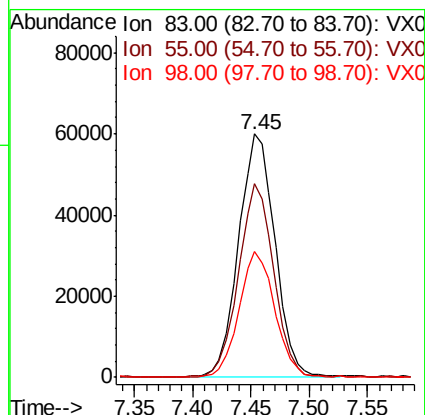
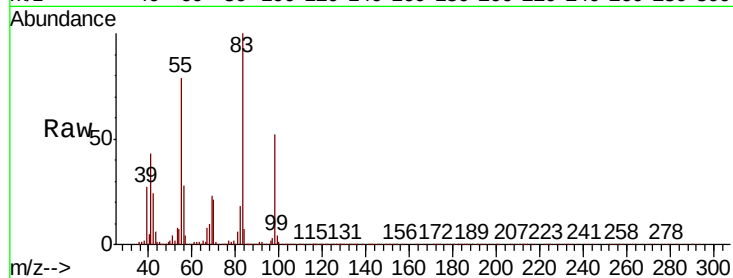




#39
Methylvlcyclohexane
Concen: 17.951 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

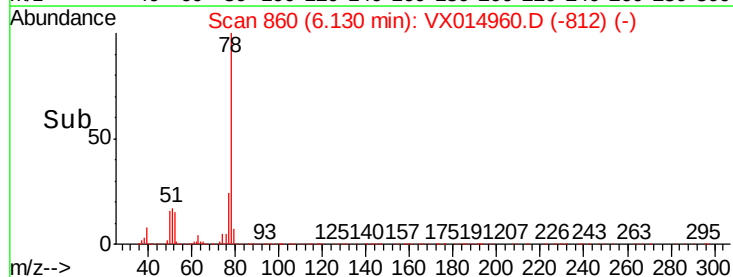
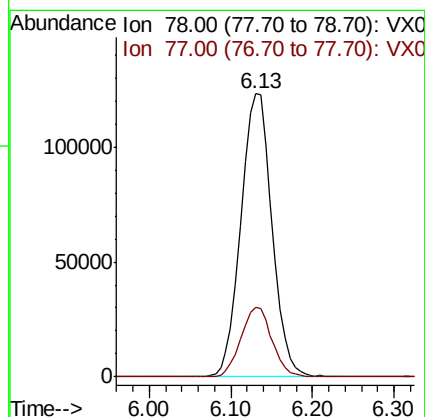
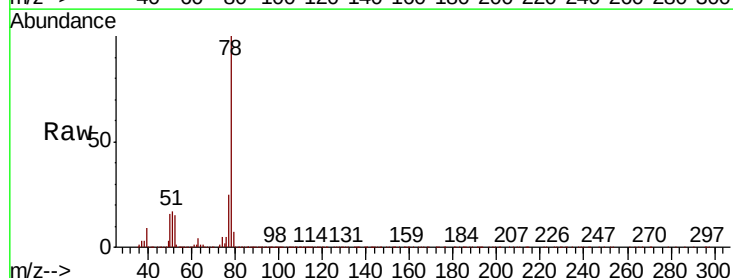
Instrument :
MSVOA_X
ClientSampleId :

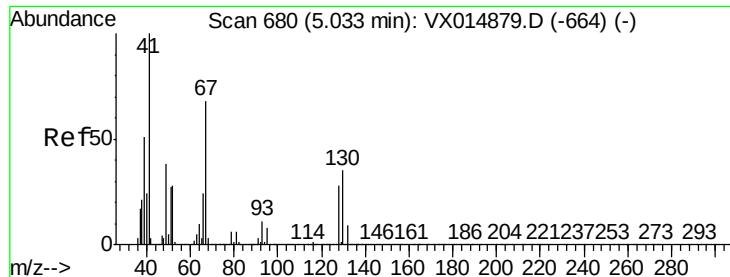
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	60.0	90.0
98	51.6	39.6	59.4



#40
Benzene
Concen: 18.831 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





#41

Methacrylonitrile

Concen: 19.869 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 64481

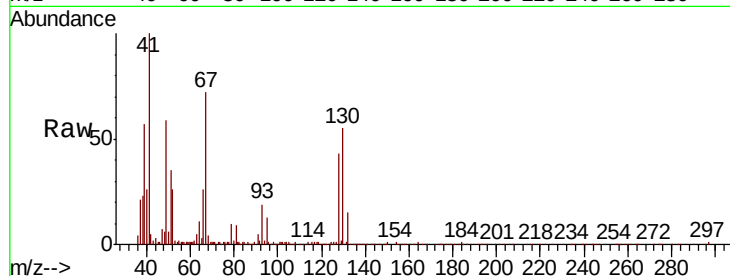
Ion Ratio Lower Upper

41 100

39 55.3 44.7 67.1

67 74.0 56.6 84.8

52 28.6 22.3 33.5

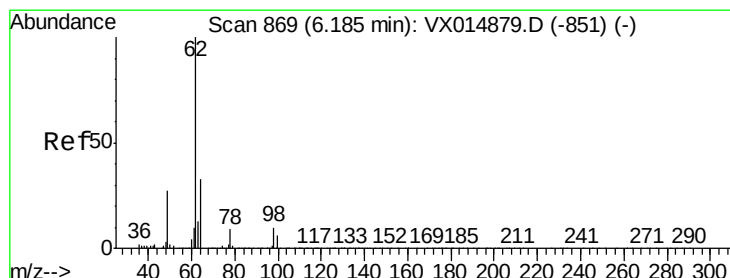
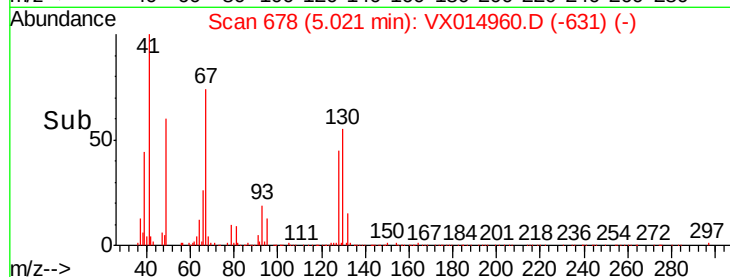
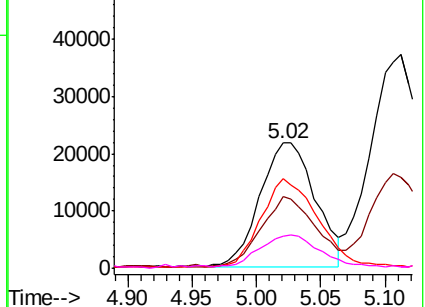


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.498 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014960.D

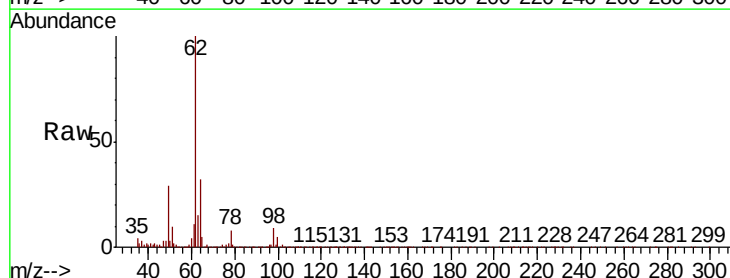
Acq: 19 Feb 2020 12:00

Tgt Ion: 62 Resp: 121617

Ion Ratio Lower Upper

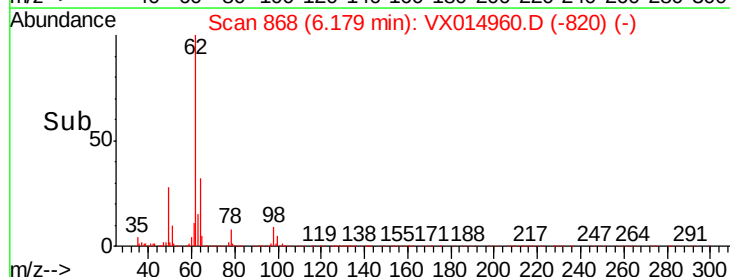
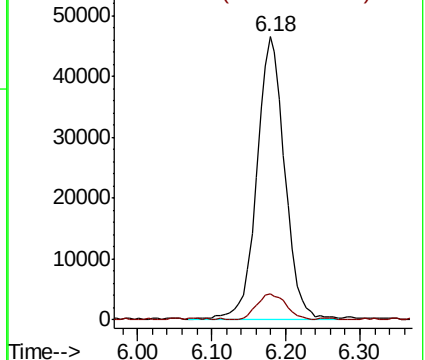
62 100

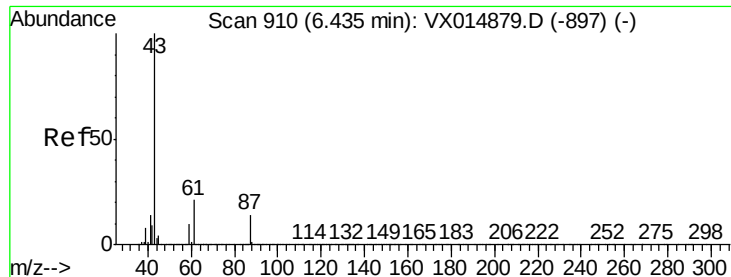
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.567 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

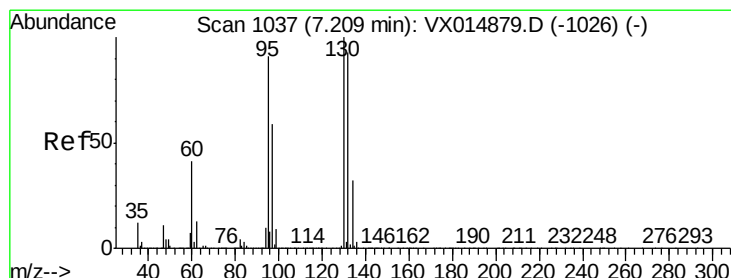
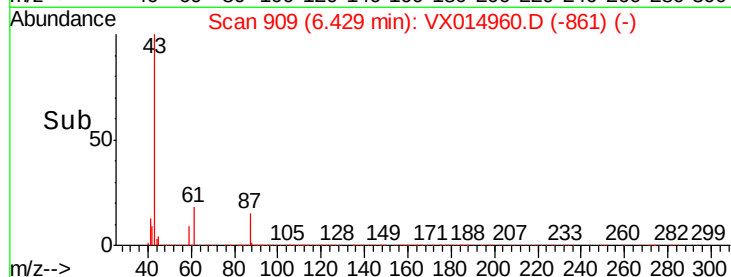
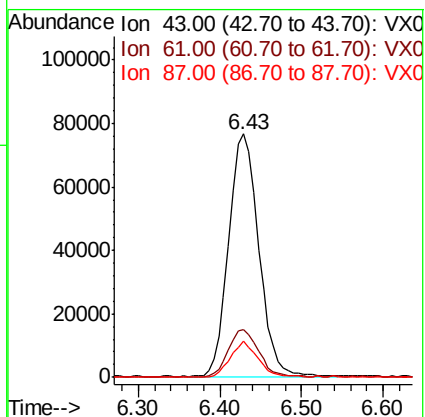
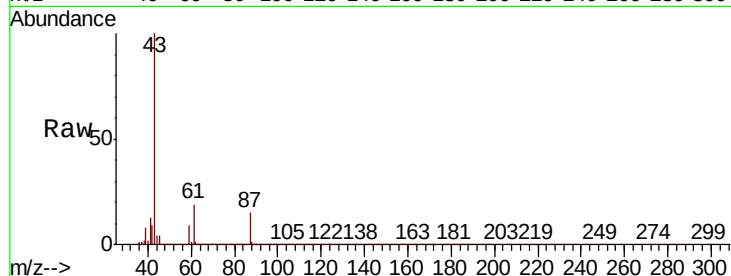
Tot Ion: 43 Resp: 194453

Ion Ratio Lower Upper

43 100

61 19.6 16.2 24.4

87 14.1 11.0 16.6



#44

Trichloroethene

Concen: 18.539 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014960.D

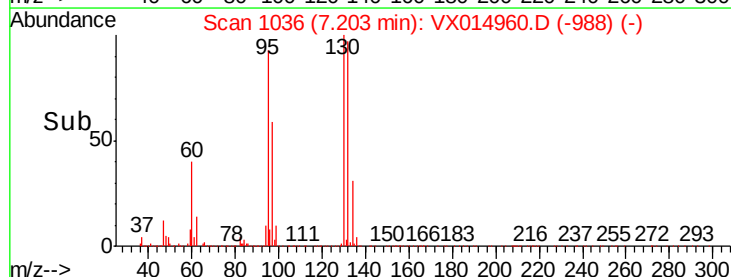
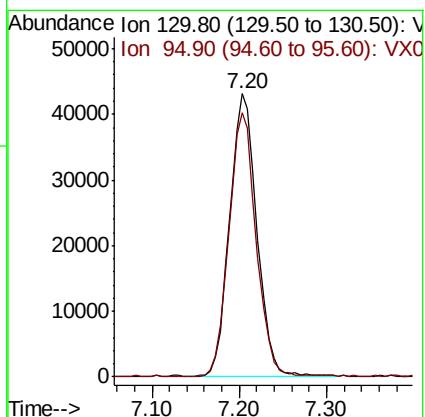
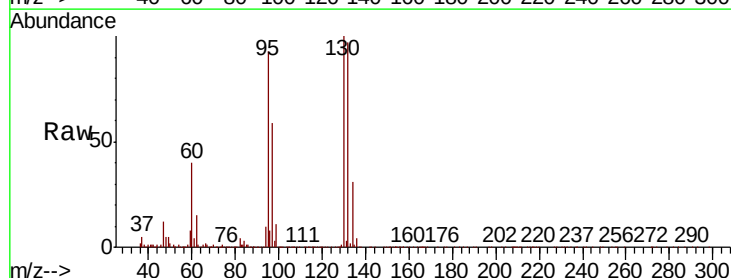
Acq: 19 Feb 2020 12:00

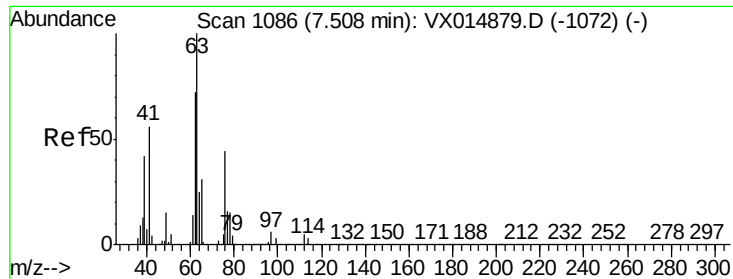
Tgt Ion: 130 Resp: 92877

Ion Ratio Lower Upper

130 100

95 93.4 0.0 182.6

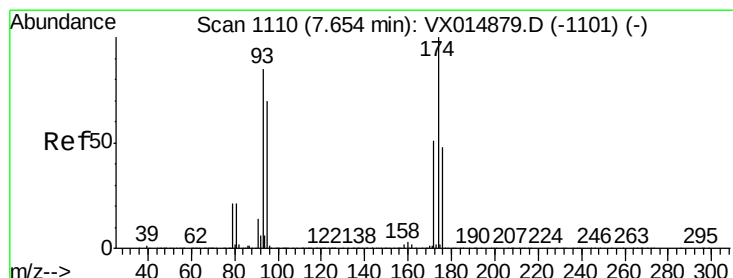
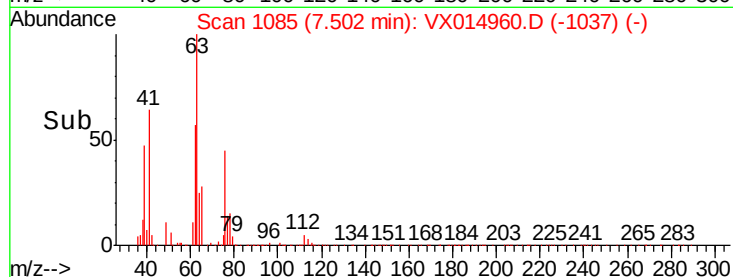
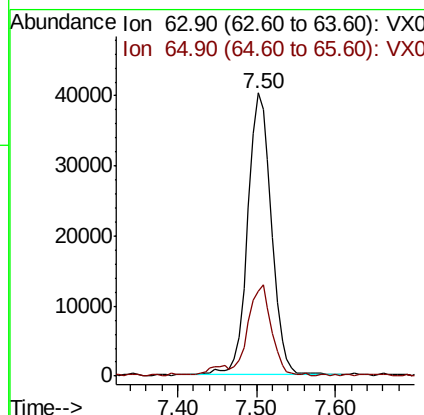
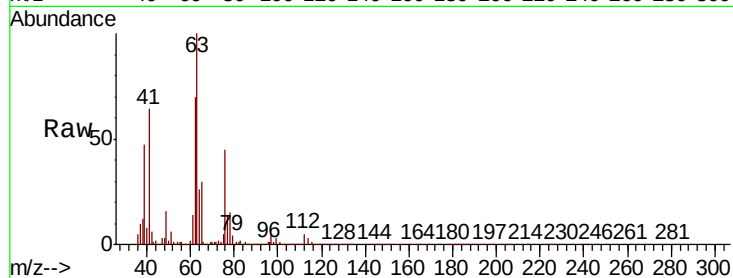




#45
 1,2-Dichloropropane
 Concen: 19.110 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

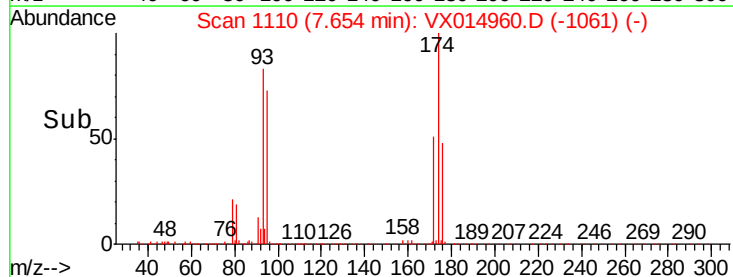
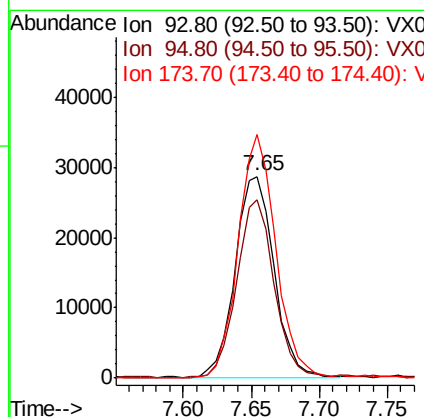
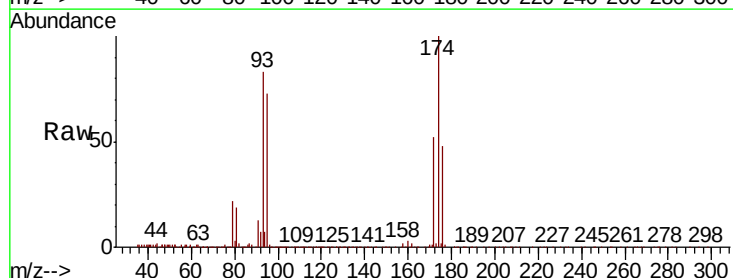
Instrument :
 MSVOA_X
 ClientSampleId :

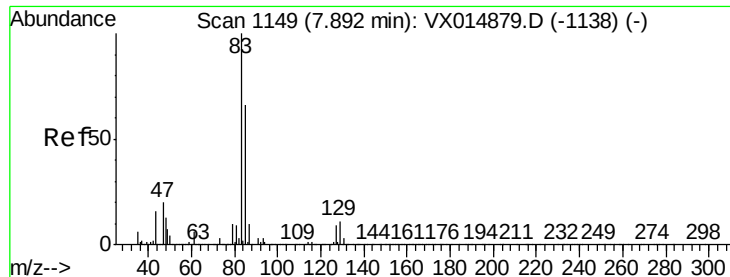
Tot Ion: 63 Resp: 84106
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3



#46
 Dibromomethane
 Concen: 18.995 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion: 93 Resp: 57144
 Ion Ratio Lower Upper
 93 100
 95 86.2 65.8 98.8
 174 117.3 95.4 143.2





#47

Bromodichloromethane

Concen: 19.143 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampled :

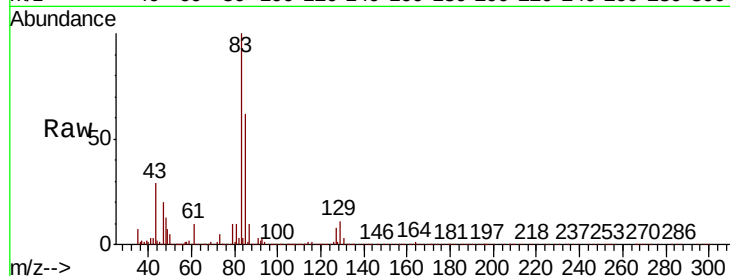
Tot Ion: 83 Resp: 114188

Ion Ratio Lower Upper

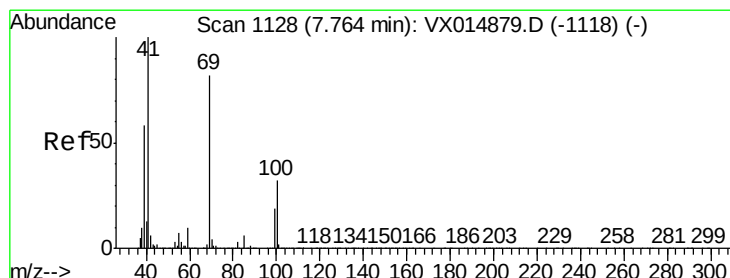
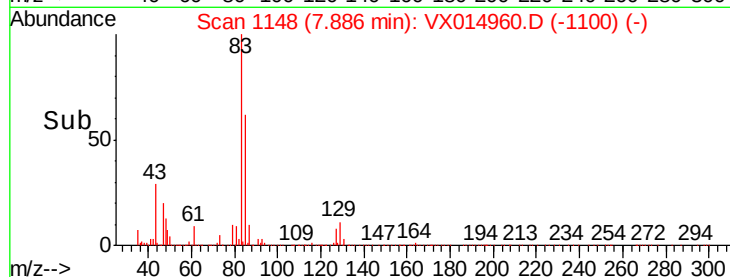
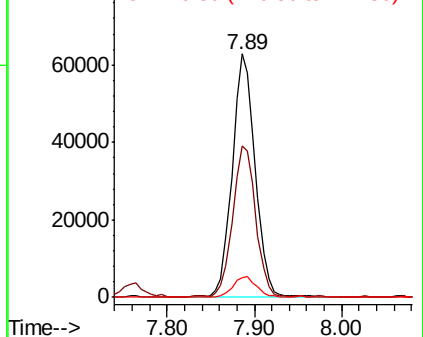
83 100

85 61.9 52.5 78.7

127 8.3 7.4 11.0



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: 19.701 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

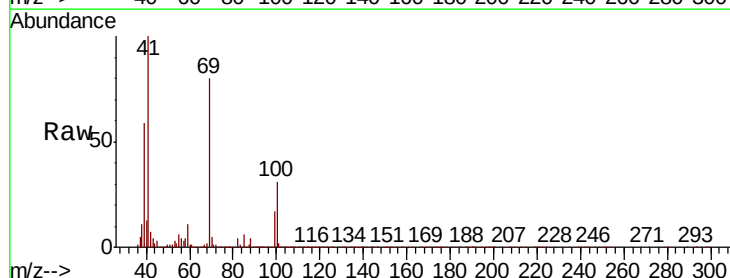
Tgt Ion: 41 Resp: 96348

Ion Ratio Lower Upper

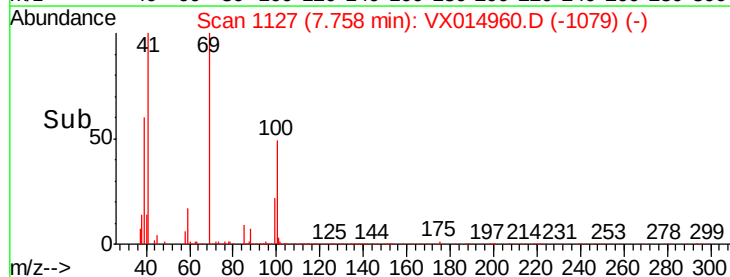
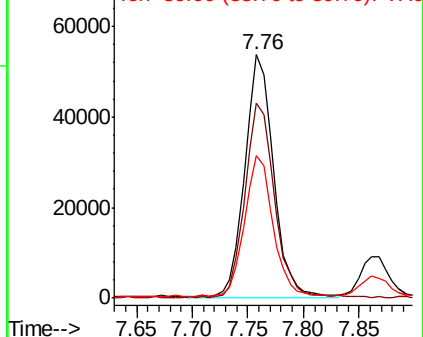
41 100

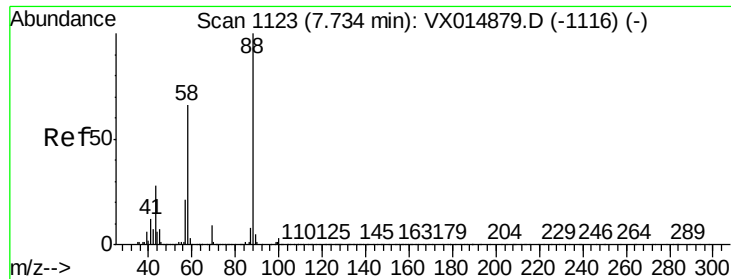
69 82.3 65.7 98.5

39 57.3 45.8 68.8



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

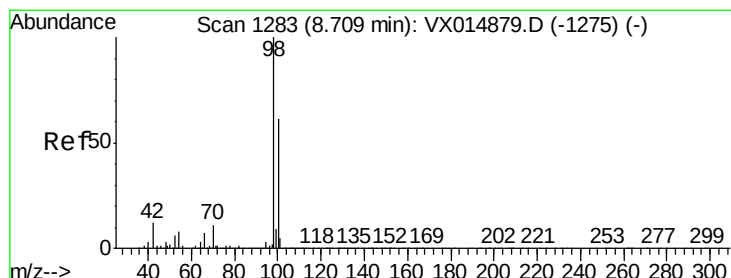
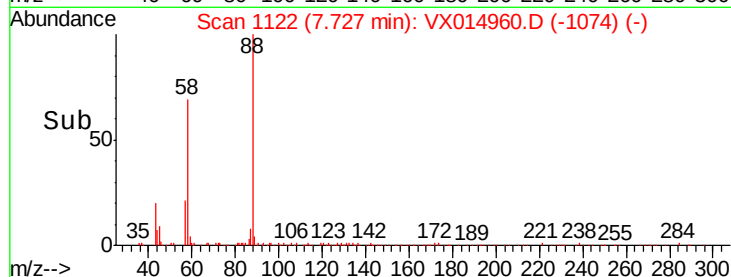
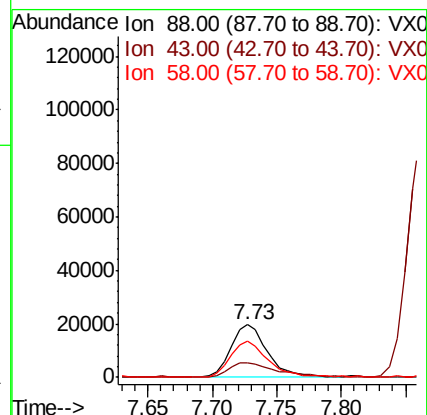
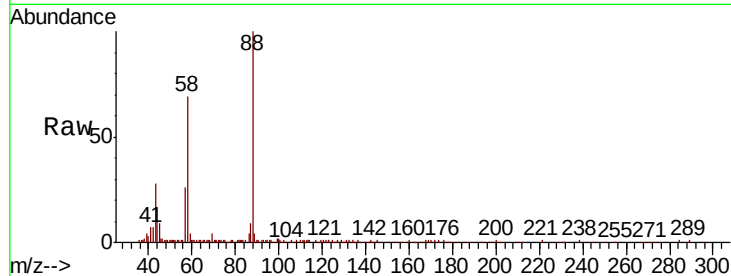




#49
1,4-Dioxane
Concen: 417.784 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

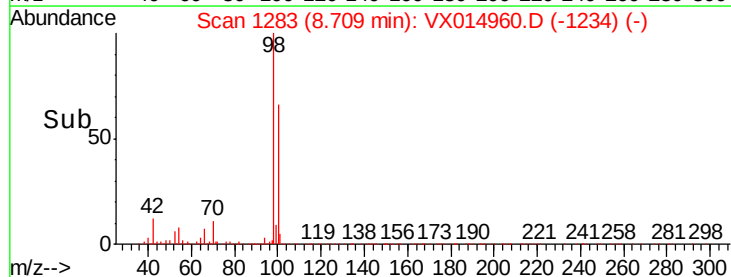
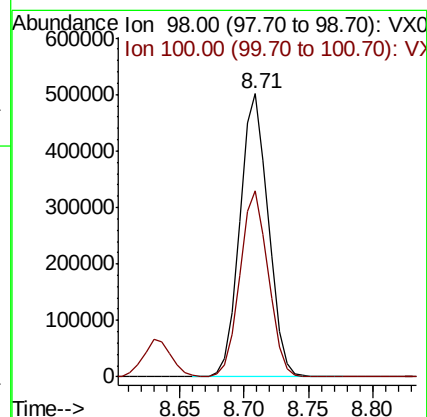
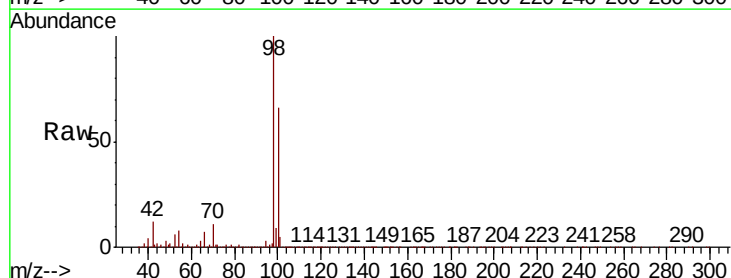
Instrument :
MSVOA_X
ClientSampleId :

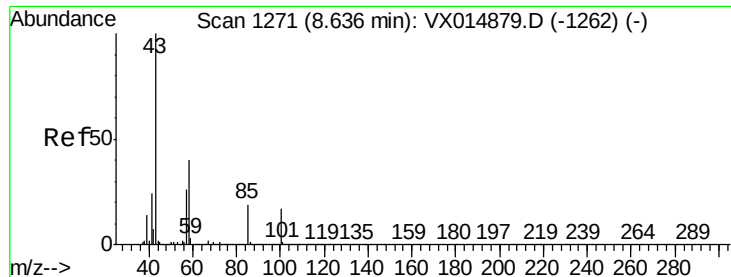
Tot Ion: 88 Resp: 38202
Ion Ratio Lower Upper
88 100
43 33.9 27.0 40.4
58 71.1 53.2 79.8



#50
Toluene-d8
Concen: 50.503 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 98 Resp: 765221
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 100.779 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

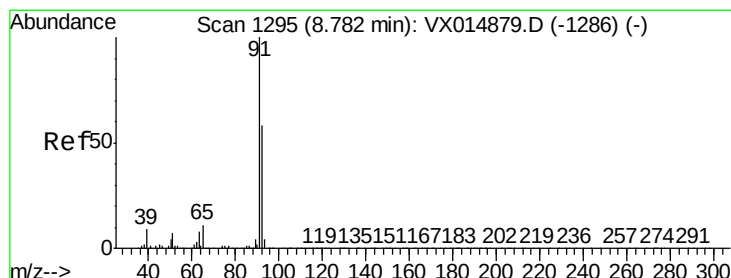
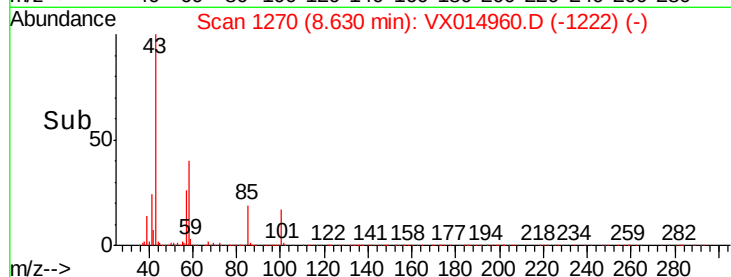
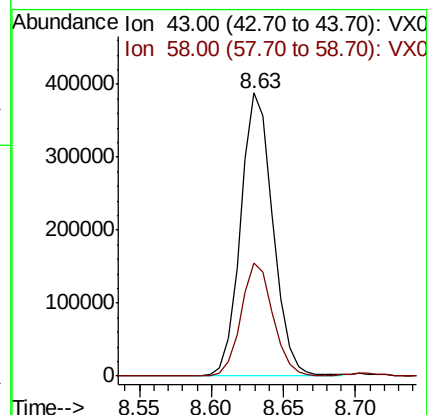
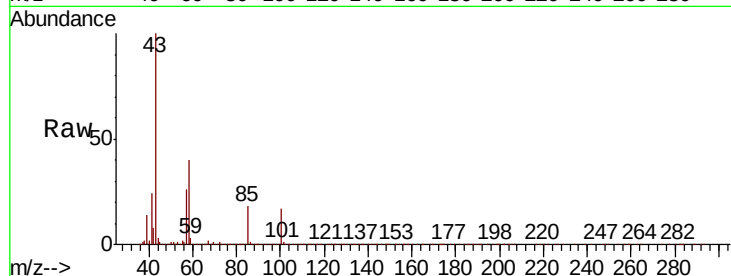
ClientSampleId :

Tot Ion: 43 Resp: 604730

Ion Ratio Lower Upper

43 100

58 39.4 31.9 47.9



#52

Toluene

Concen: 19.131 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014960.D

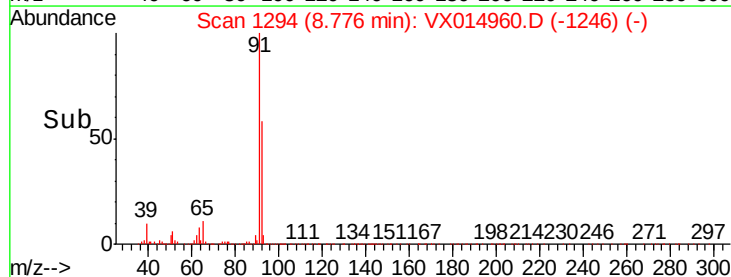
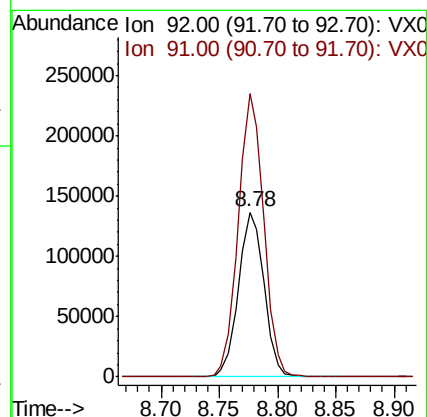
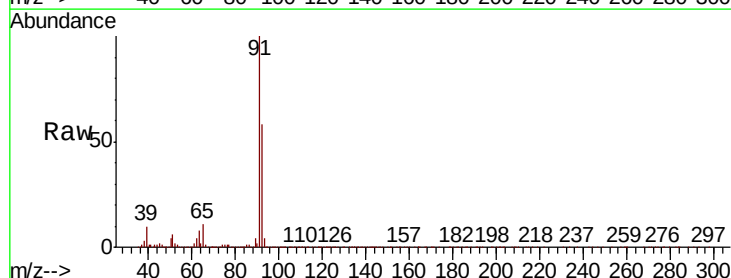
Acq: 19 Feb 2020 12:00

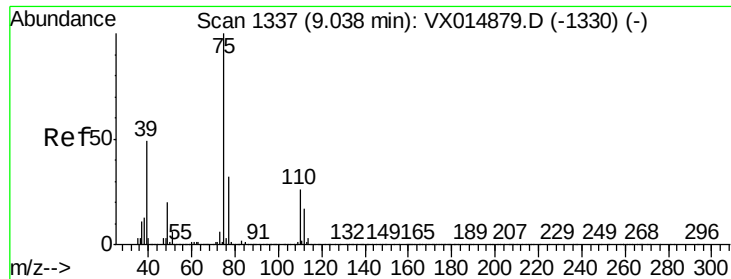
Tgt Ion: 92 Resp: 209695

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.942 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

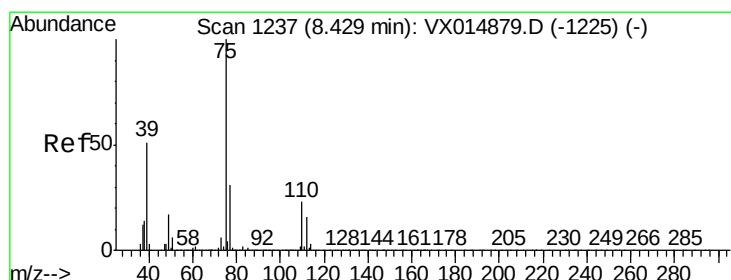
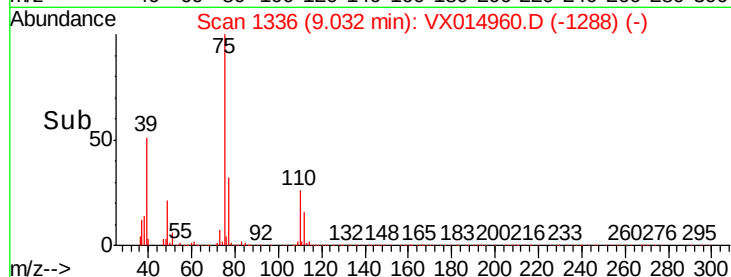
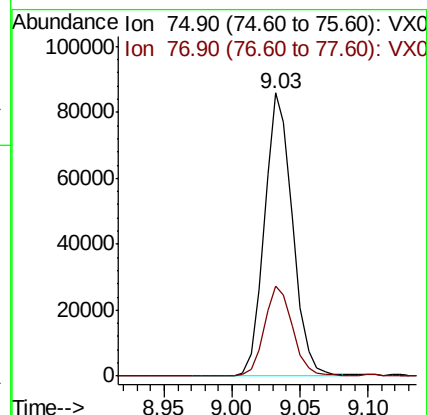
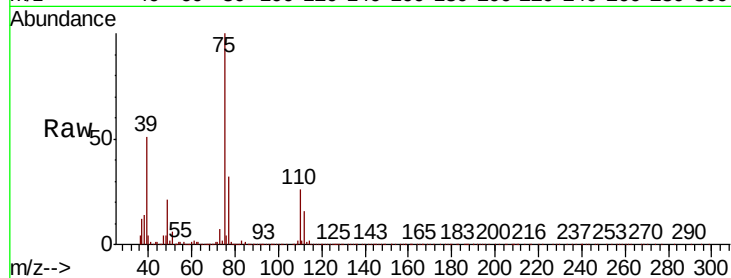
ClientSampleId :

Tot Ion: 75 Resp: 123831

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.820 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

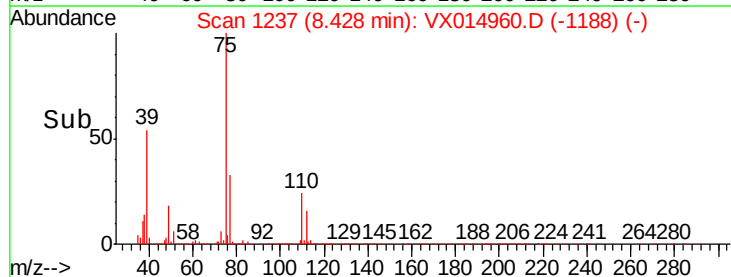
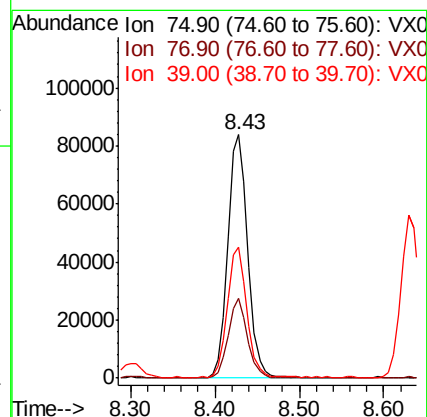
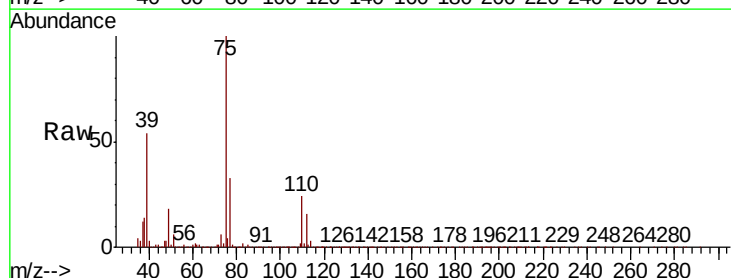
Tgt Ion: 75 Resp: 135918

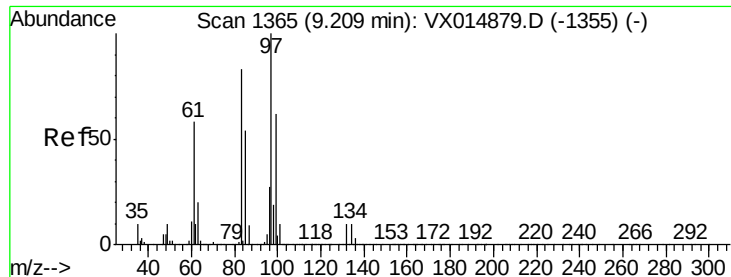
Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 53.7 40.9 61.3

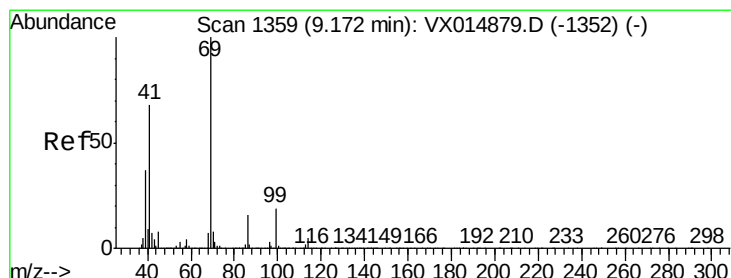
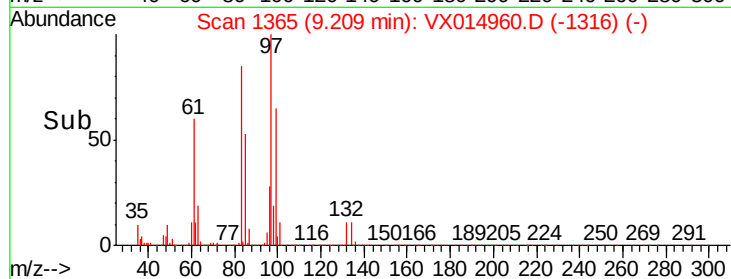
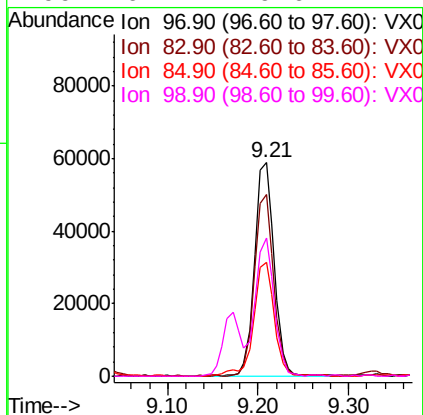
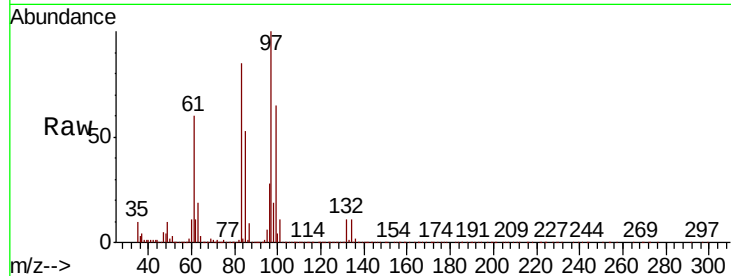




#55
 1,1,2-Trichloroethane
 Concen: 19.779 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

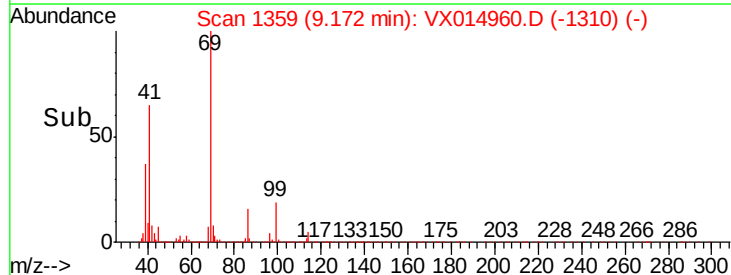
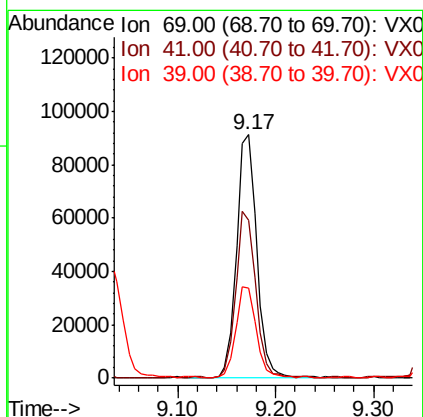
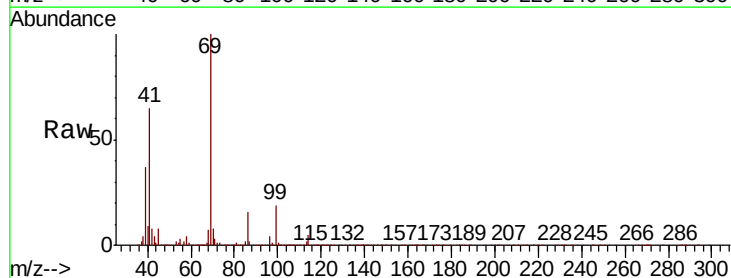
Instrument :
 MSVOA_X
 ClientSampled :

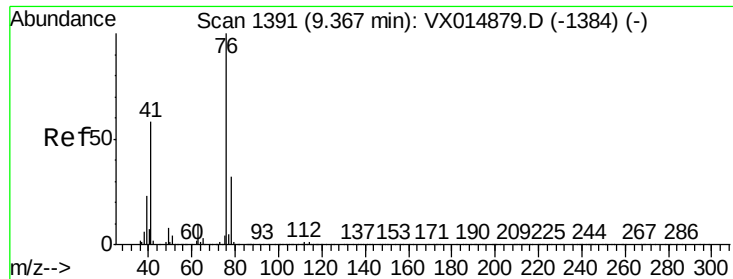
Tot Ion:	97	Resp:	87711
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.6	99.8
85	53.3	43.5	65.3
99	64.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.626 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion:	69	Resp:	130816
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.8	82.2
39	37.9	29.9	44.9





#57

1,3-Dichloropropane

Concen: 19.604 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

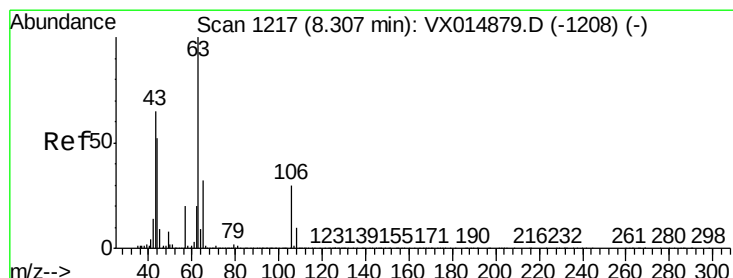
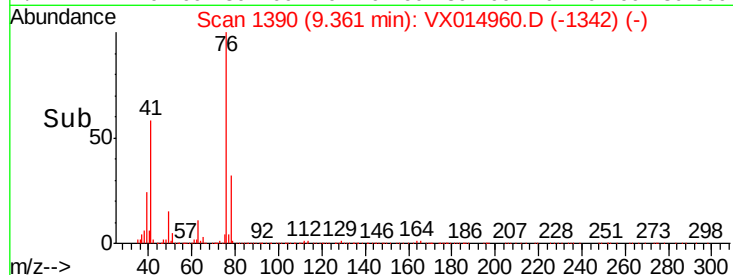
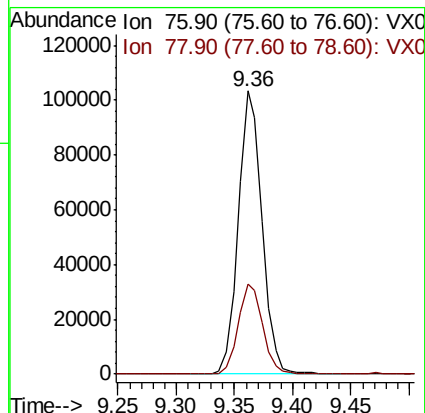
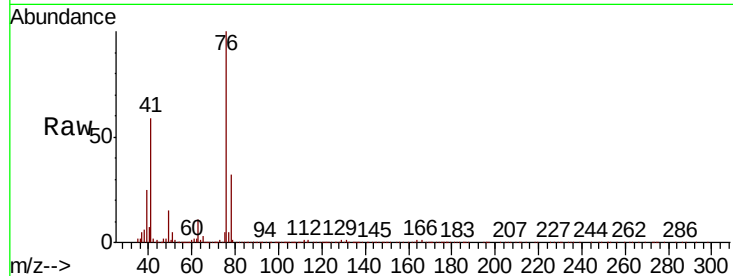
ClientSampleId :

Tot Ion: 76 Resp: 146340

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.414 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014960.D

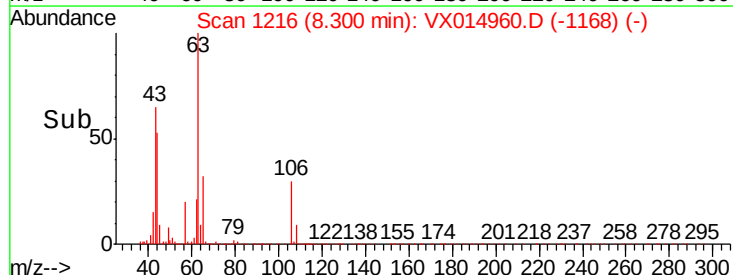
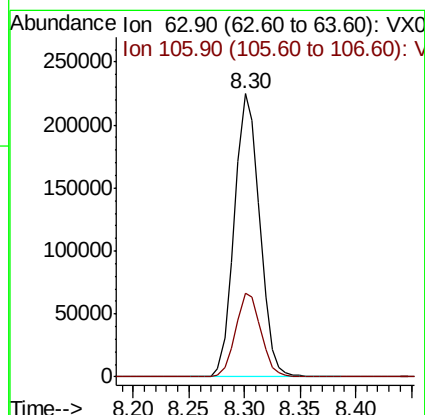
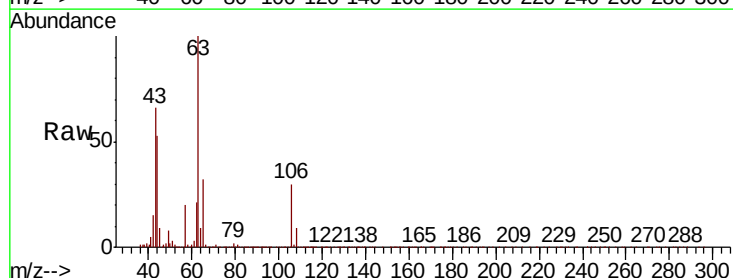
Acq: 19 Feb 2020 12:00

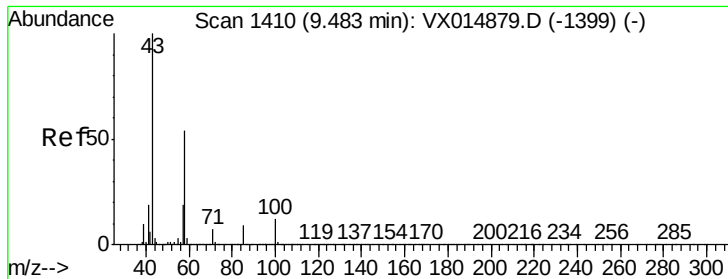
Tgt Ion: 63 Resp: 353524

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8

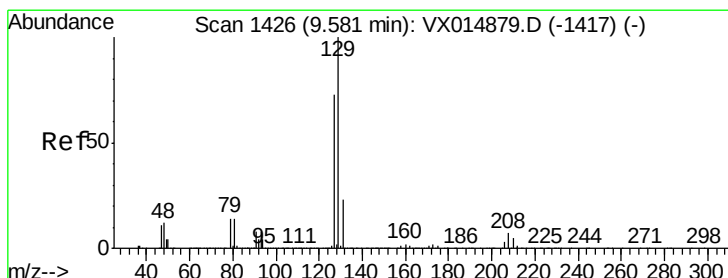
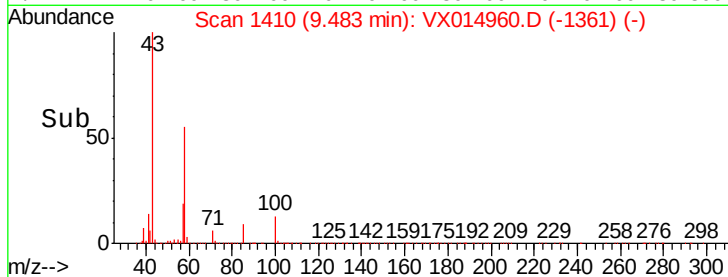
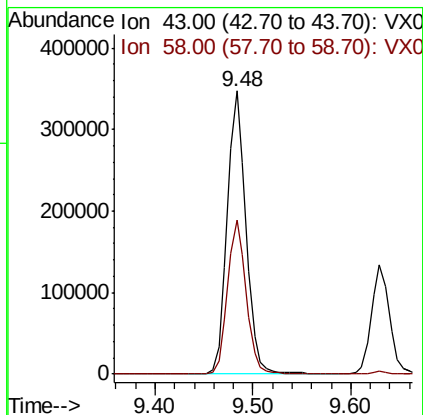
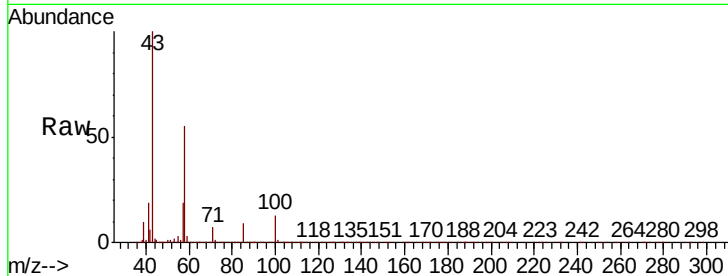




#59
2-Hexanone
Concen: 97.683 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

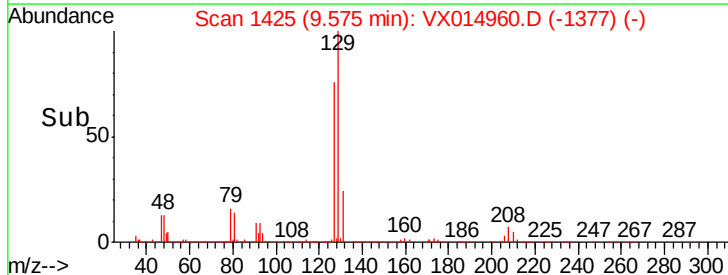
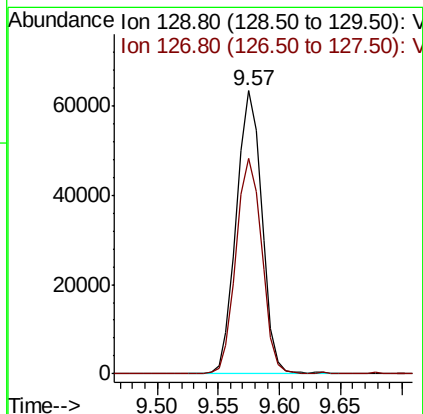
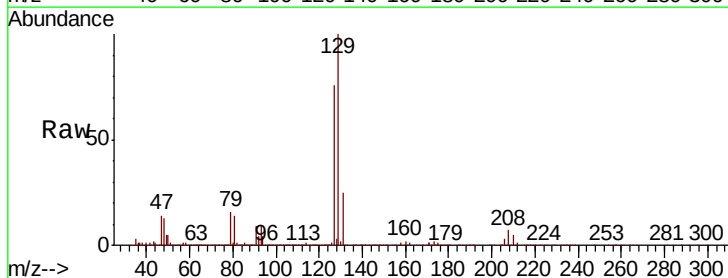
Instrument :
MSVOA_X
ClientSampleId :

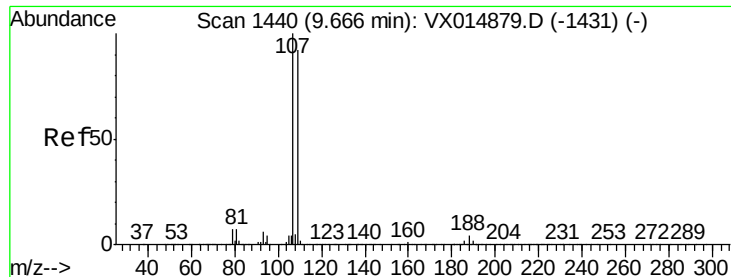
Tot Ion: 43 Resp: 460725
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.5



#60
Dibromochloromethane
Concen: 19.270 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 129 Resp: 91960
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 18.980 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

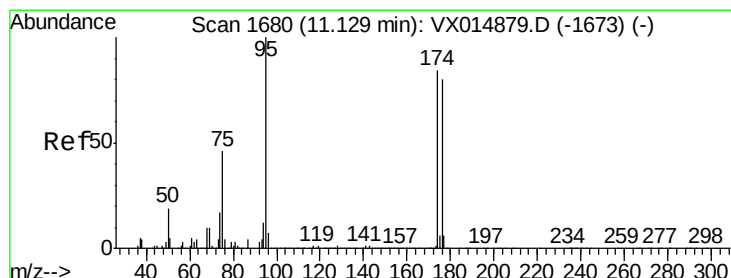
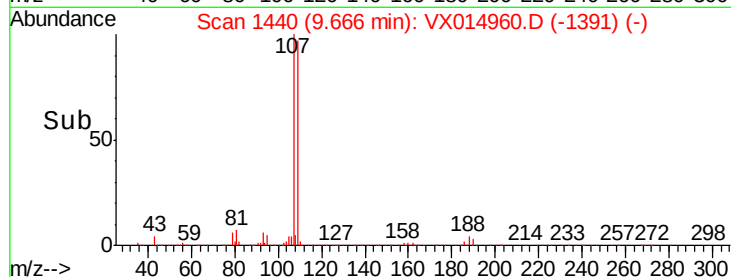
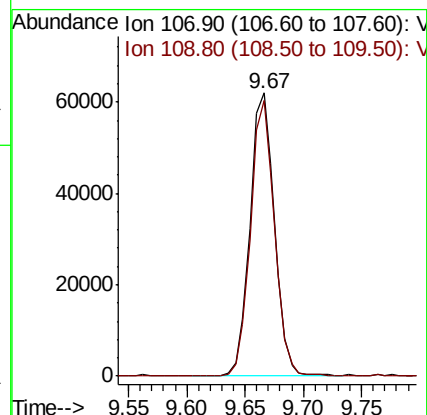
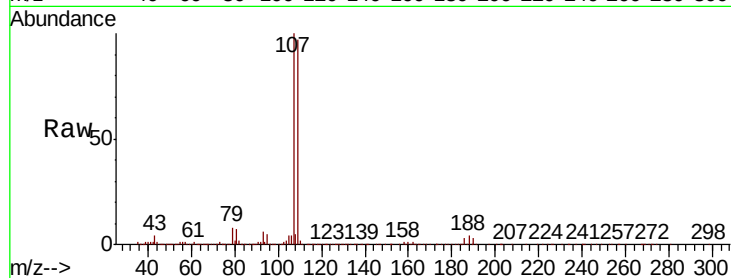
ClientSampleId :

Tot Ion:107 Resp: 90813

Ion Ratio Lower Upper

107 100

109 95.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.582 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

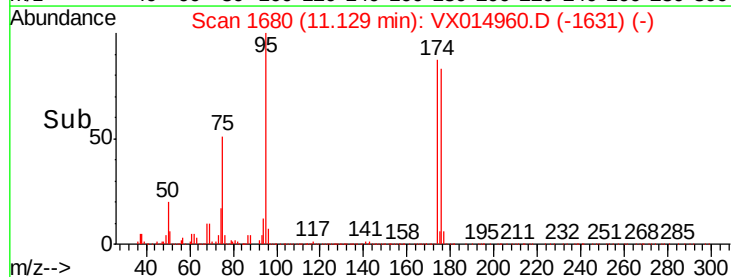
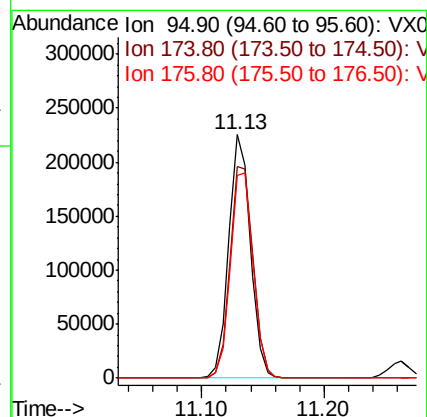
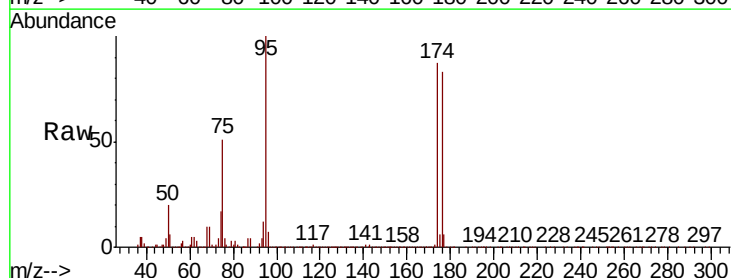
Tgt Ion: 95 Resp: 276088

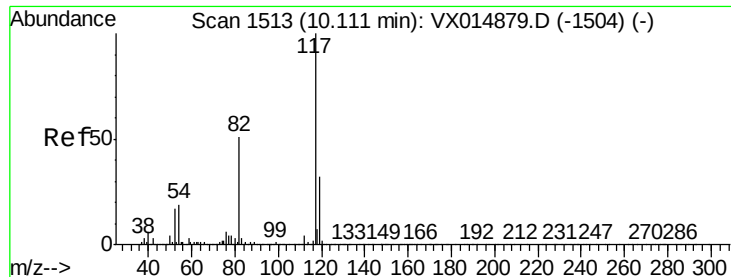
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.0

176 88.5 0.0 178.0

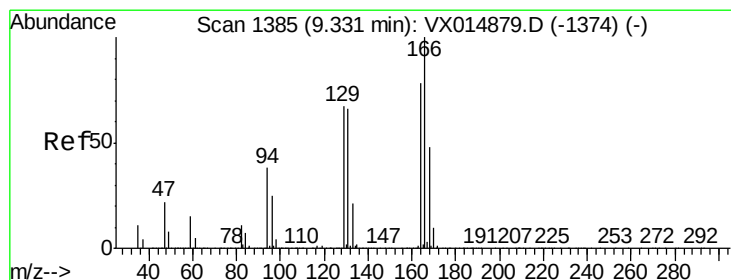
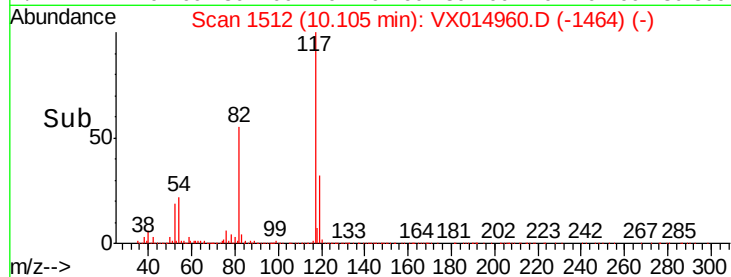
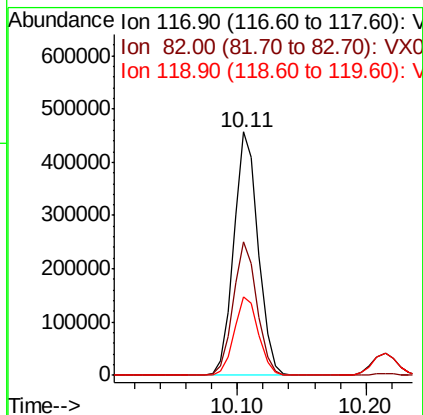
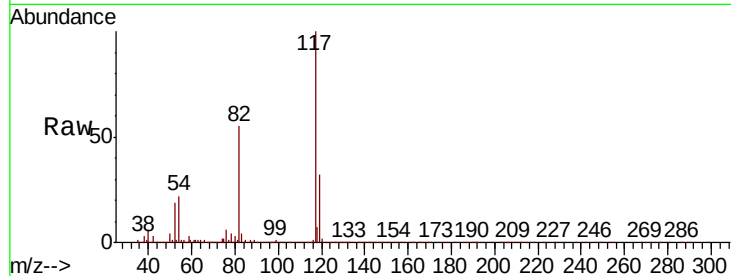




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

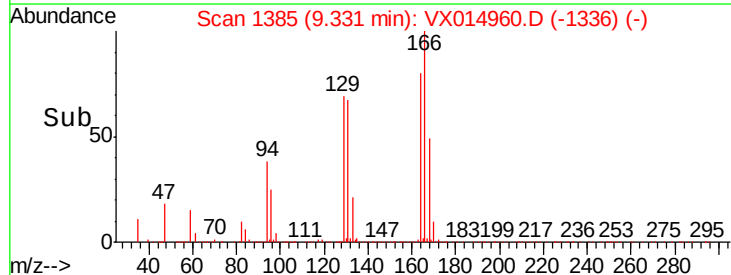
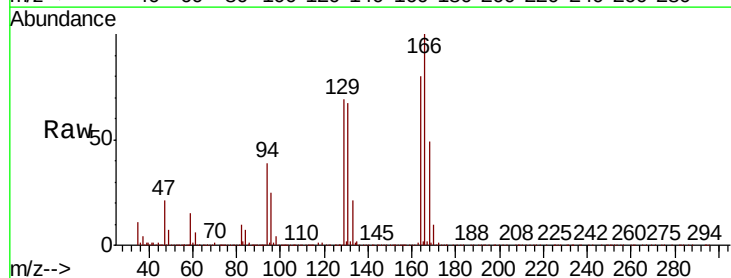
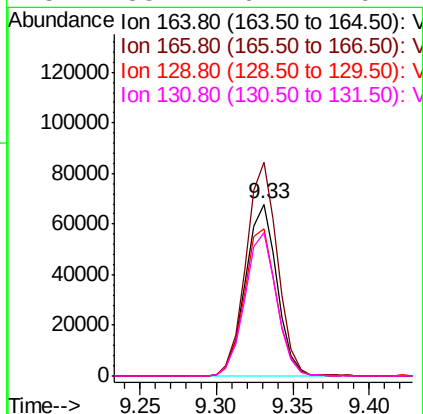
Instrument :
MSVOA_X
ClientSampleId :

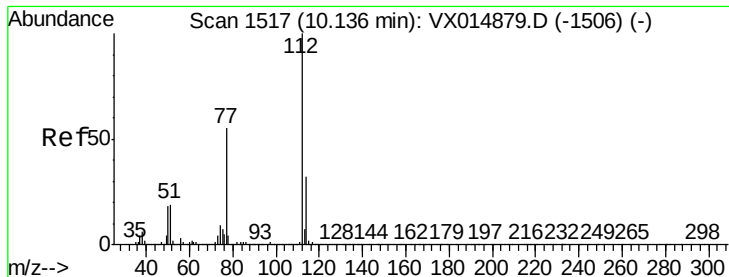
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	40.5	60.7
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 17.358 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	102.6	153.8
129	85.4	68.3	102.5
131	83.2	67.4	101.2

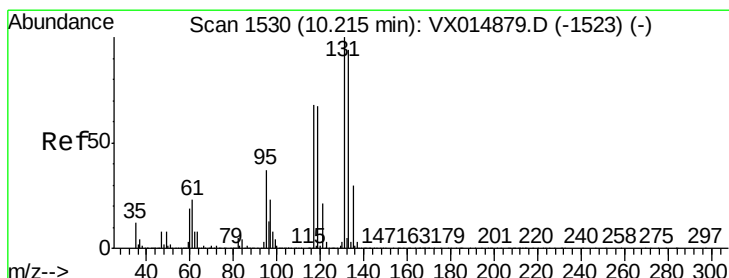
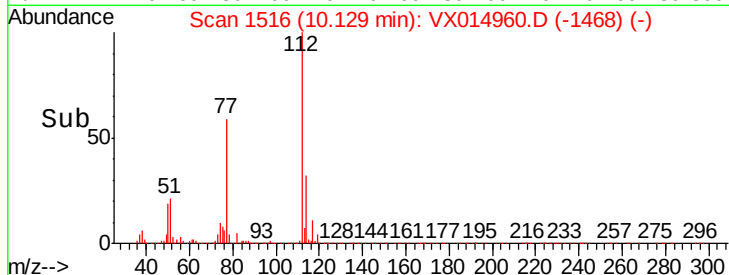
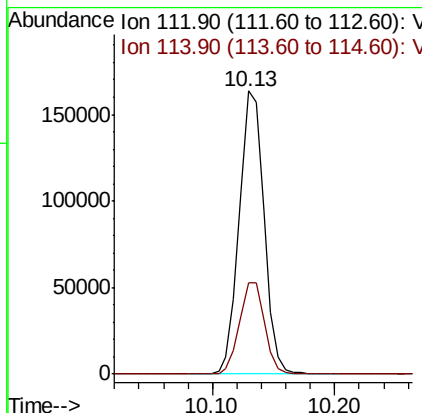
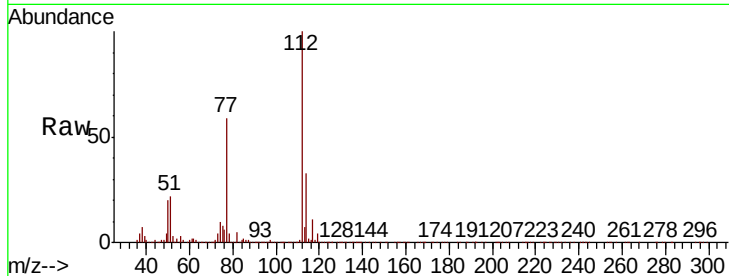




#65
Chlorobenzene
Concen: 18.793 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

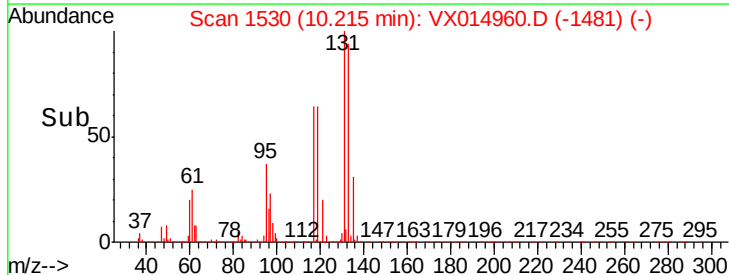
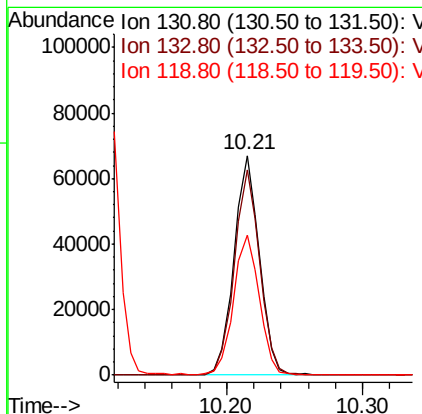
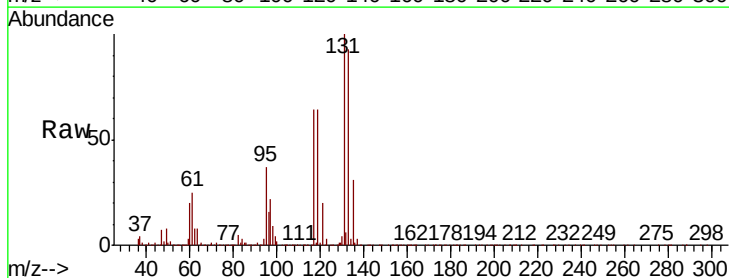
Instrument :
MSVOA_X
ClientSampleId :

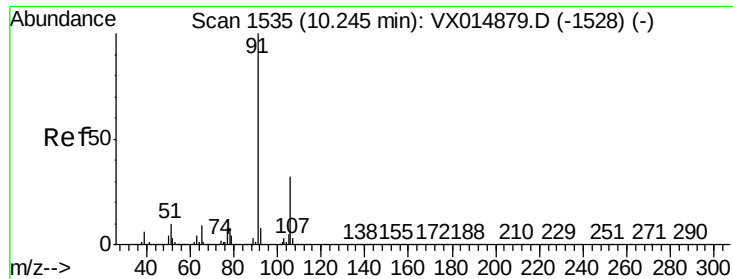
Tot Ion:112 Resp: 229497
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.455 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion:131 Resp: 86251
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 64.9 33.0 99.0

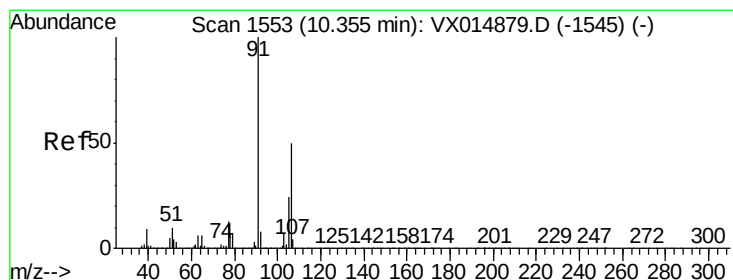
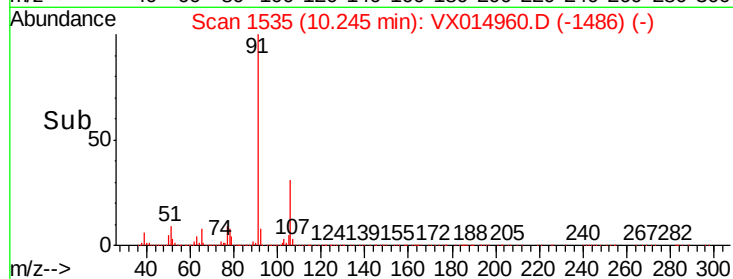
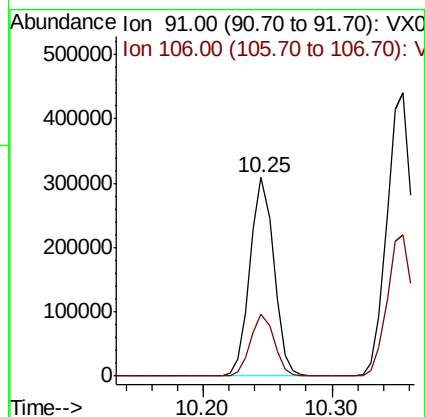
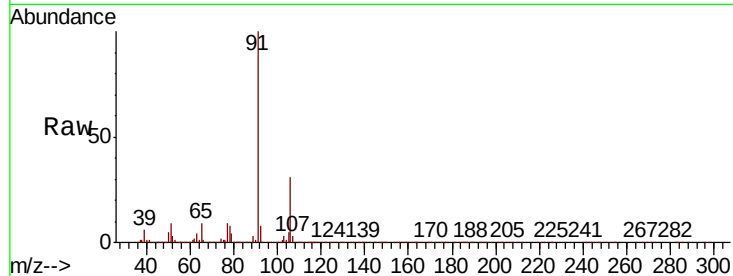




#67
Ethyl Benzene
Concen: 18.979 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

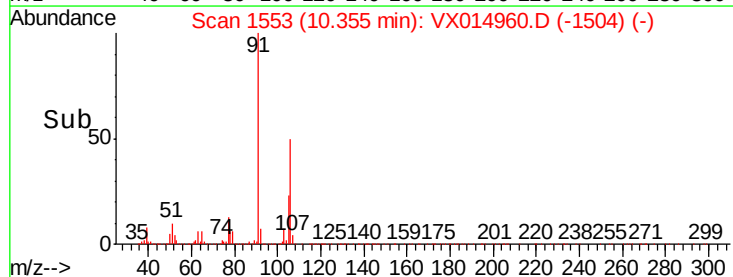
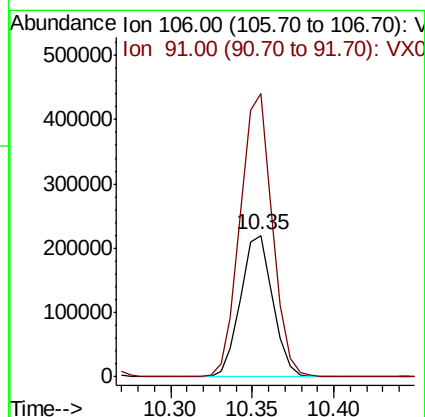
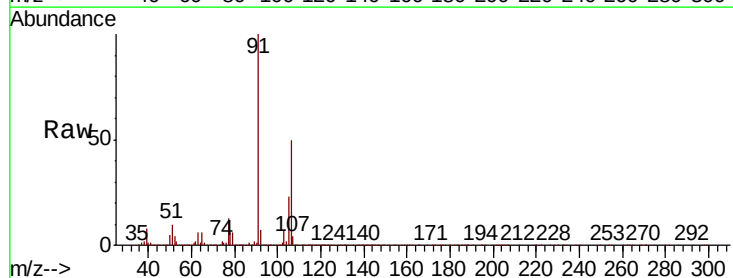
Instrument :
MSVOA_X
ClientSampleId :

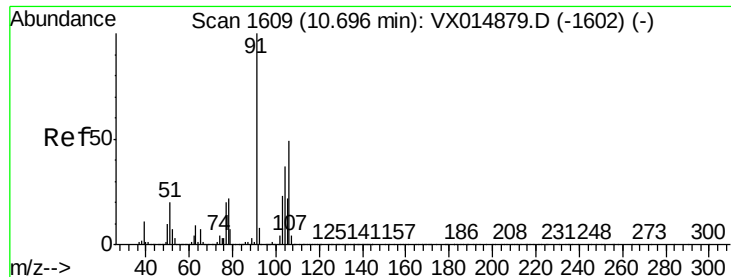
Tot Ion: 91 Resp: 394160
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 38.012 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 106 Resp: 304116
Ion Ratio Lower Upper
106 100
91 199.5 160.6 240.8

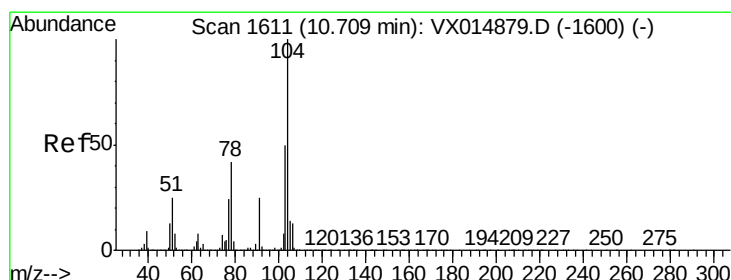
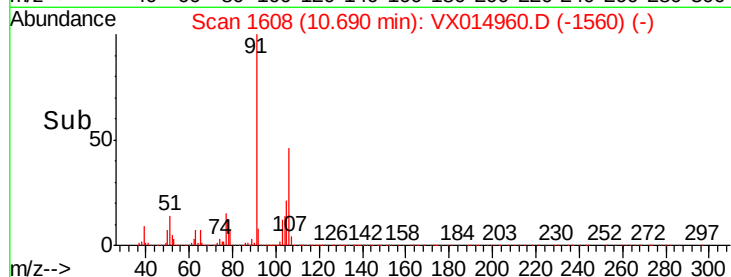
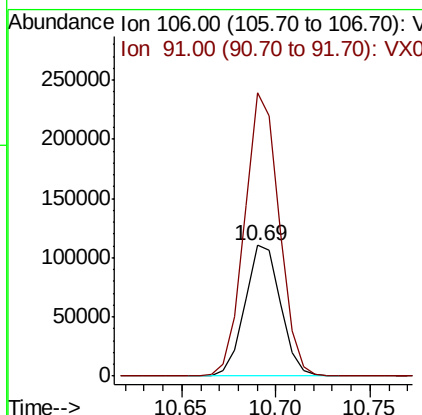
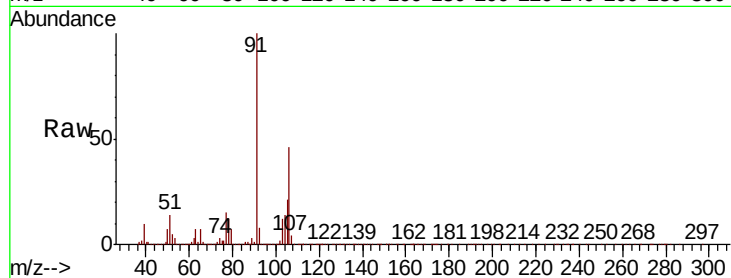




#69
o-Xylene
Concen: 18.818 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

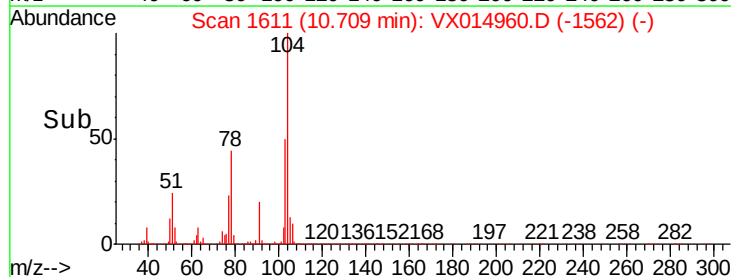
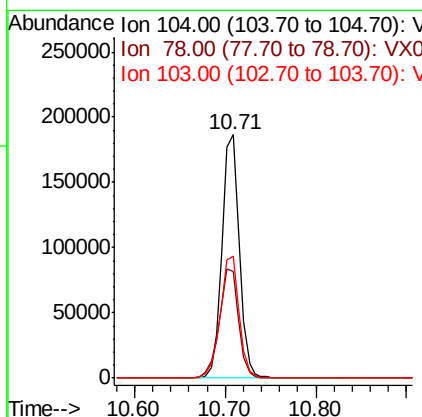
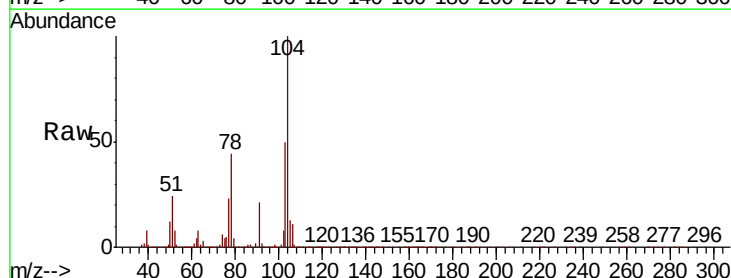
Instrument :
MSVOA_X
ClientSampleId :

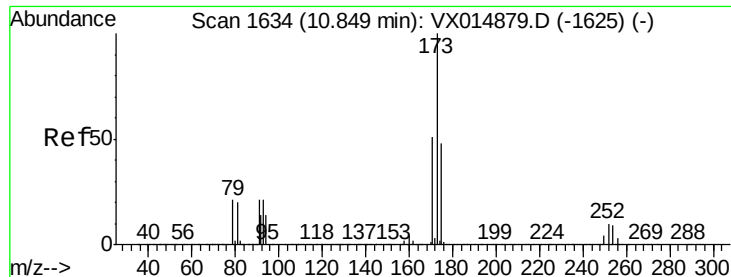
Tot Ion:106 Resp: 144721
Ion Ratio Lower Upper
106 100
91 211.1 105.1 315.3



#70
Styrene
Concen: 19.220 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion:104 Resp: 250059
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.4
103 53.7 43.4 65.0

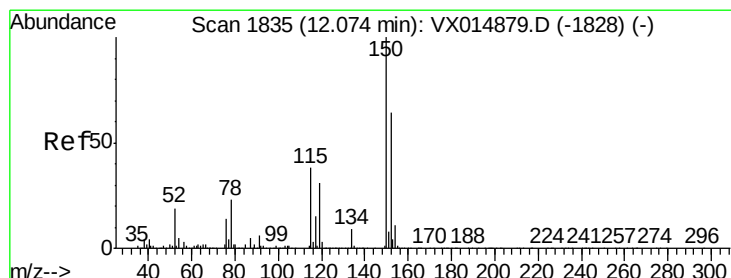
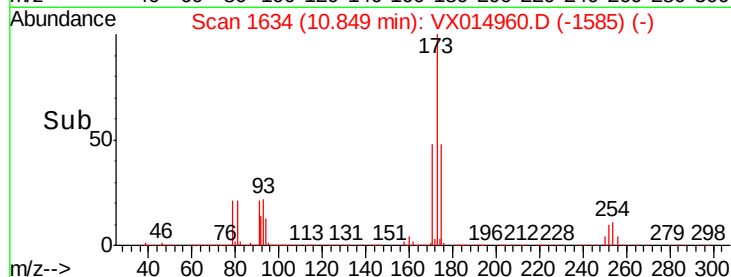
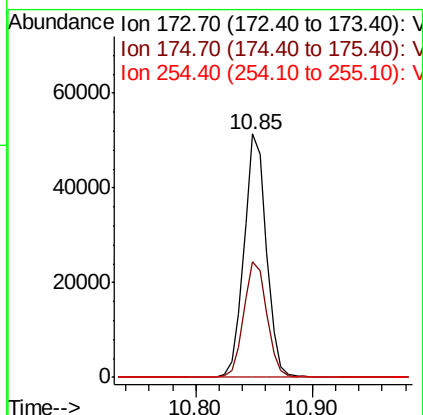
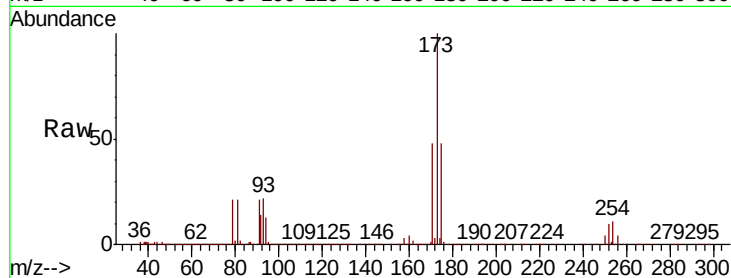




#71
Bromoform
Concen: 18.678 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

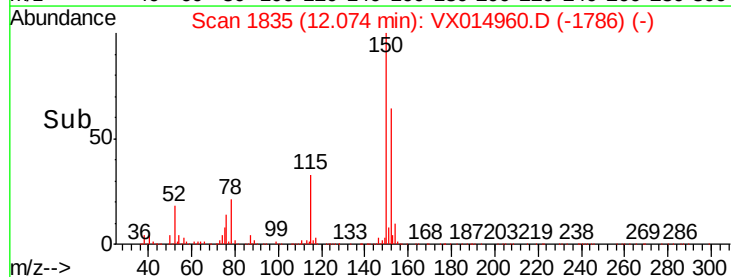
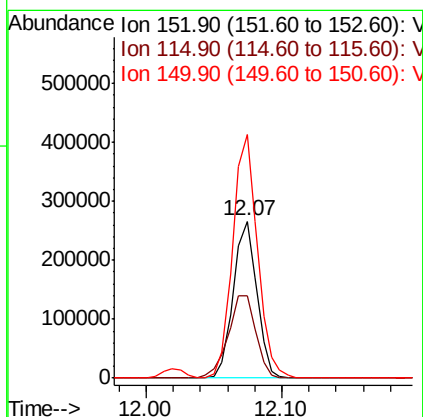
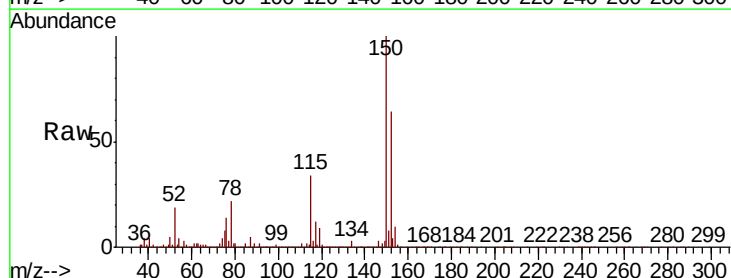
Instrument :
MSVOA_X
ClientSampleId :

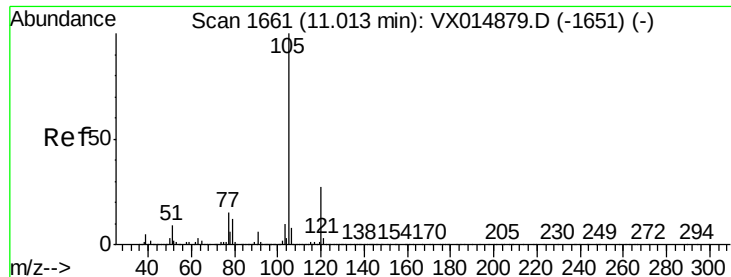
Tot Ion:173 Resp: 69119
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion:152 Resp: 319498
Ion Ratio Lower Upper
152 100
115 62.1 38.6 116.0
150 163.4 0.0 349.0





#73

Isopropylbenzene

Concen: 19.804 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

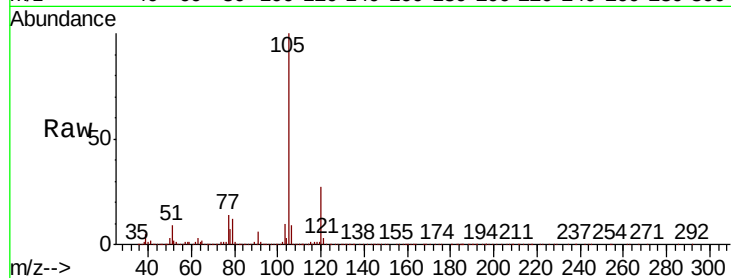
ClientSampleId :

Tot Ion:105 Resp: 396794

Ion Ratio Lower Upper

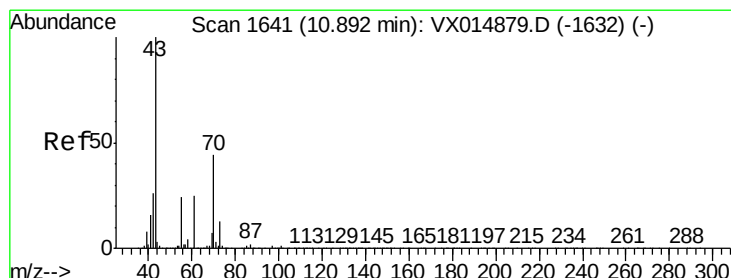
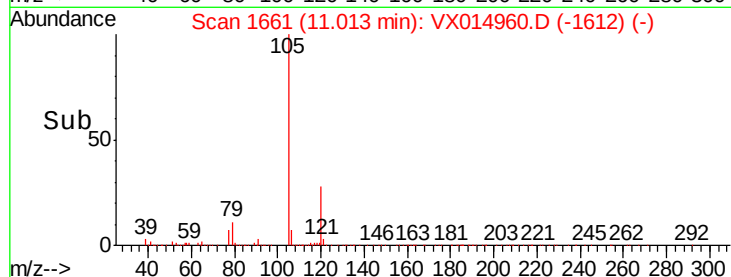
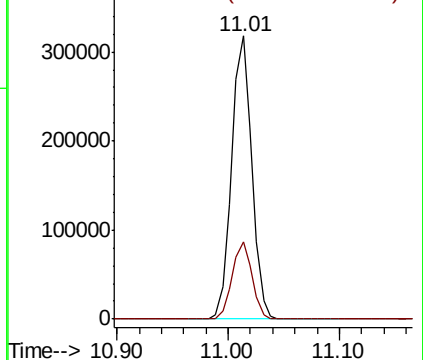
105 100

120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.481 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Tgt Ion: 43 Resp: 162177

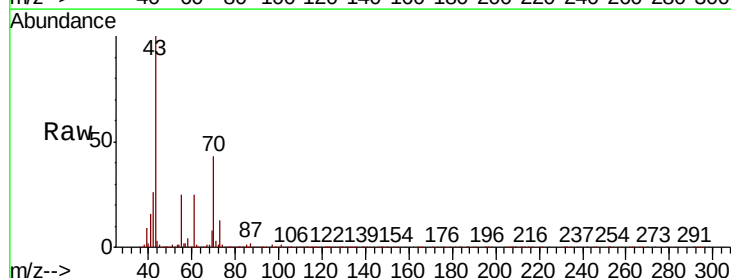
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 24.5 19.4 29.2

61 24.9 19.8 29.6

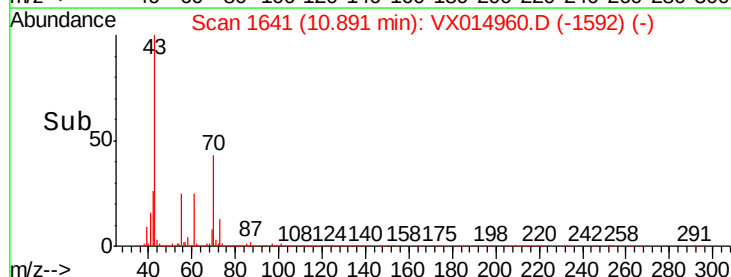
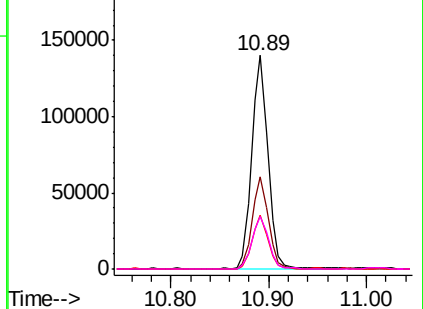


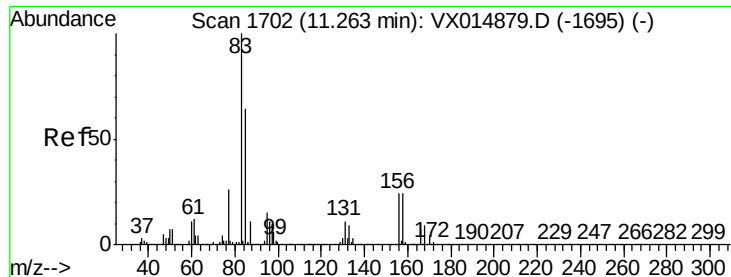
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.701 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

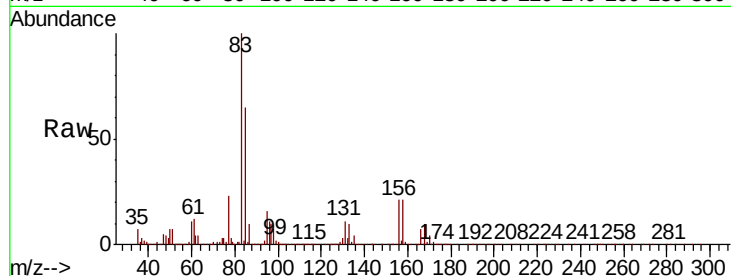
Tot Ion: 83 Resp: 129034

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

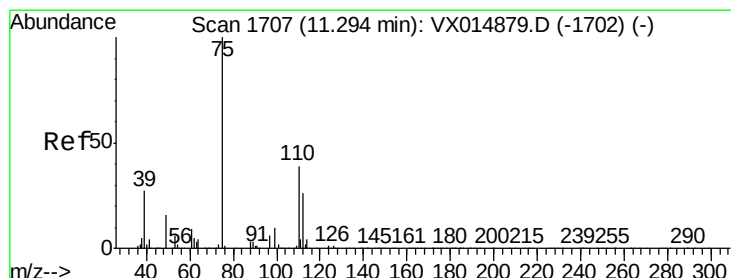
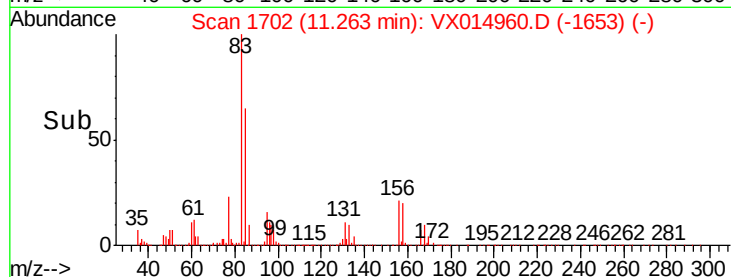
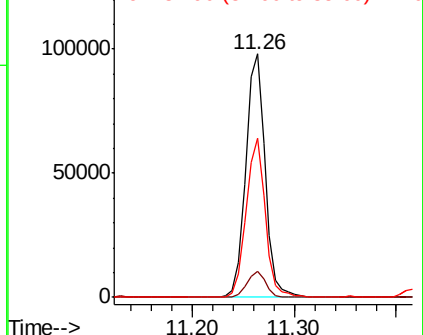
85 64.9 32.6 97.7



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: 25.124 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014960.D

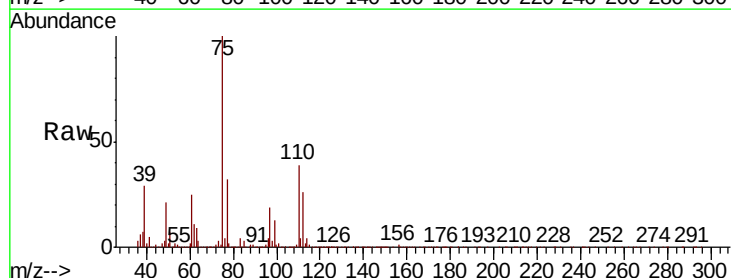
Acq: 19 Feb 2020 12:00

Tgt Ion: 75 Resp: 145153

Ion Ratio Lower Upper

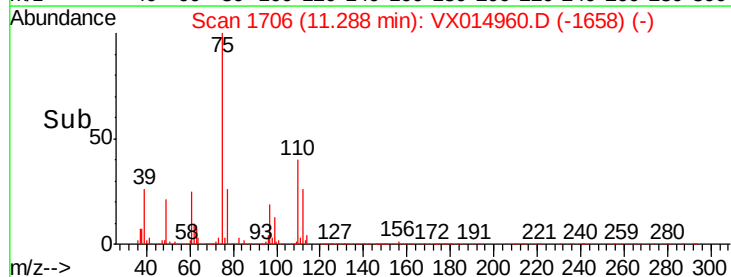
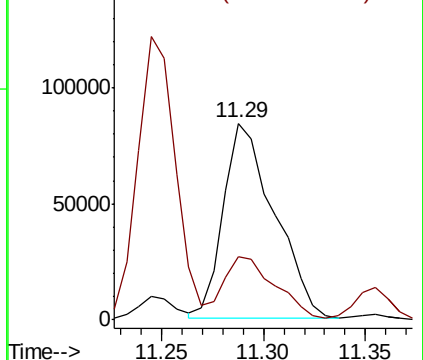
75 100

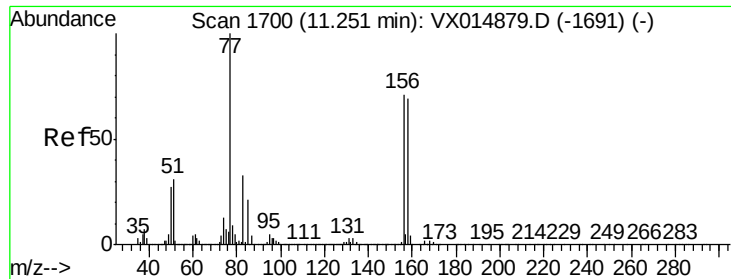
77 33.1 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.830 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

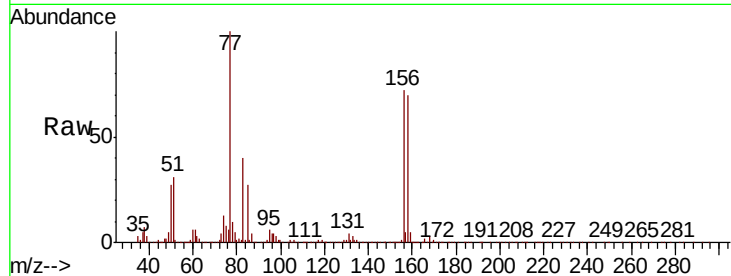
Tot Ion:156 Resp: 105301

Ion Ratio Lower Upper

156 100

77 148.8 74.0 222.0

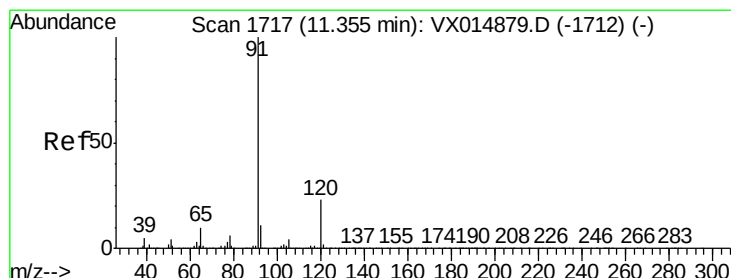
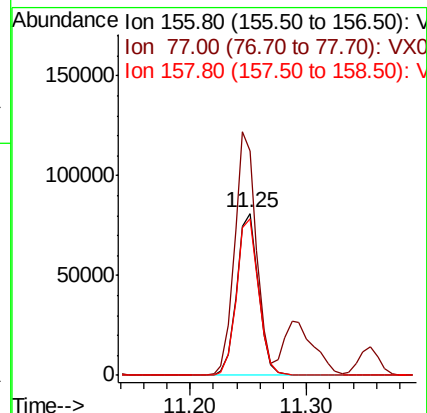
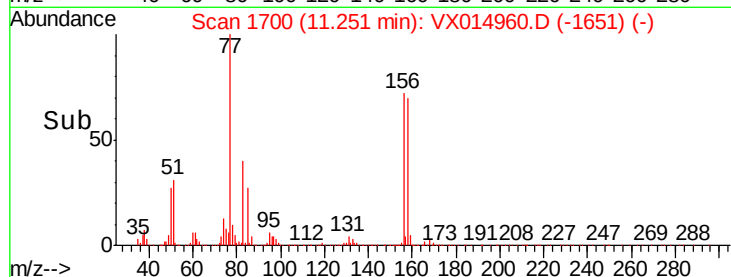
158 98.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.130 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014960.D

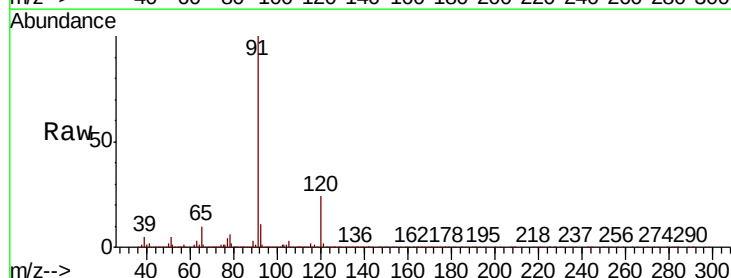
Acq: 19 Feb 2020 12:00

Tgt Ion: 91 Resp: 443319

Ion Ratio Lower Upper

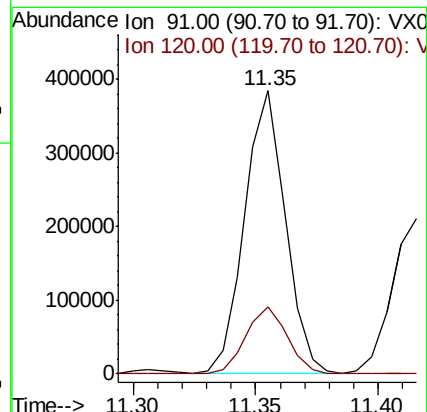
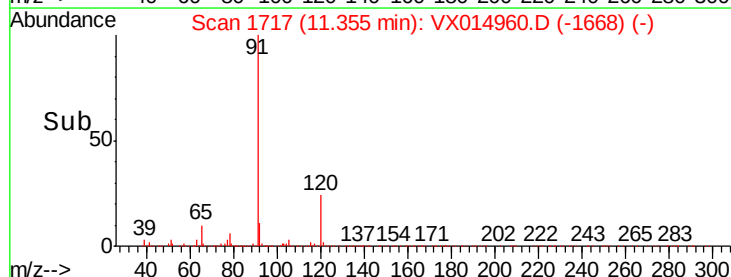
91 100

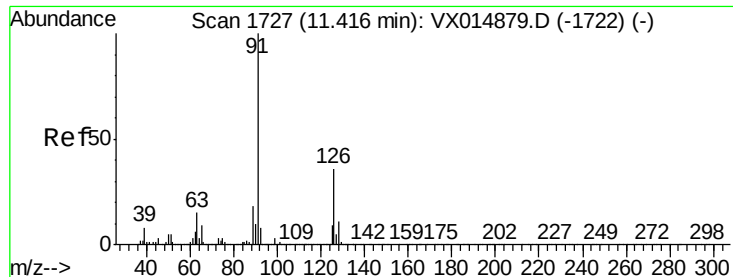
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

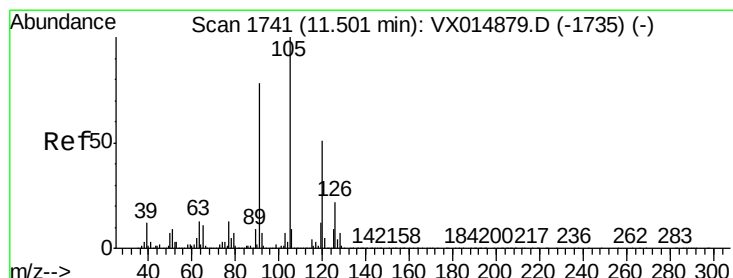
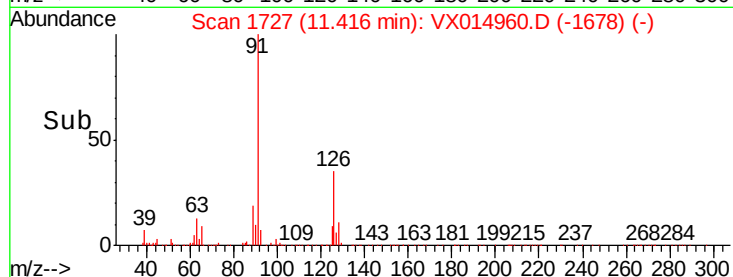
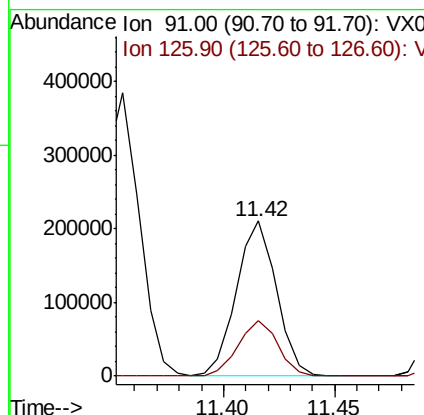
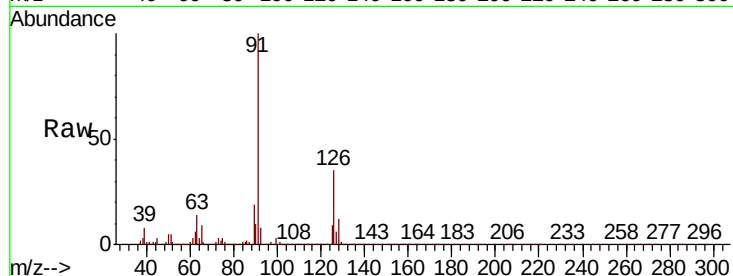




#79
 2-Chlorotoluene
 Concen: 19.276 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

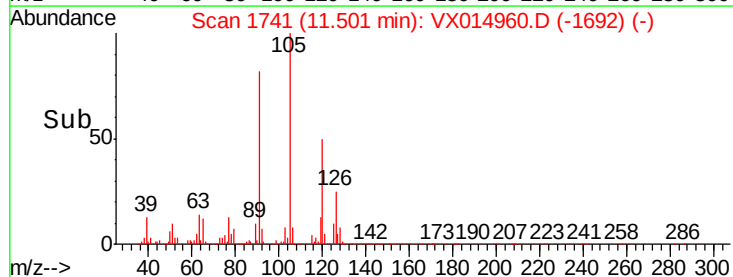
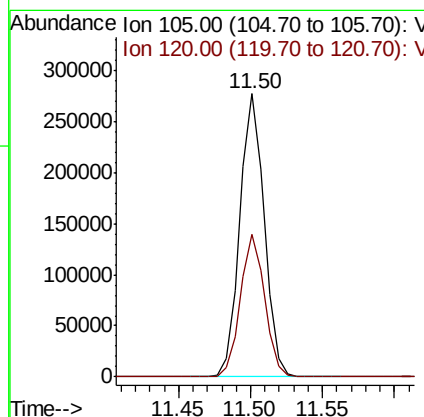
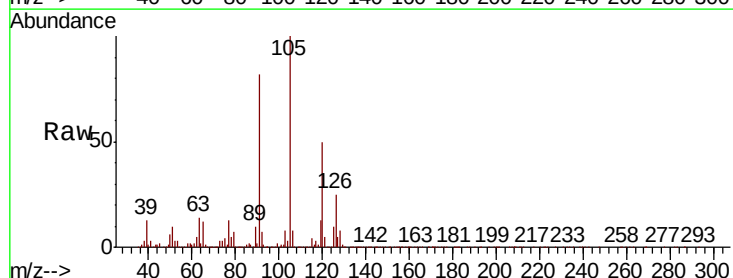
Instrument :
 MSVOA_X
 ClientSampled :

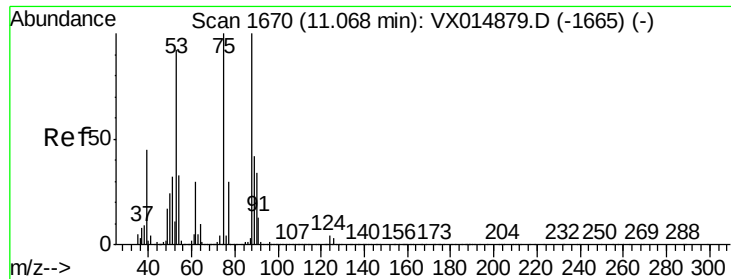
Tot Ion: 91 Resp: 262605
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.520 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion: 105 Resp: 326783
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.6 76.6

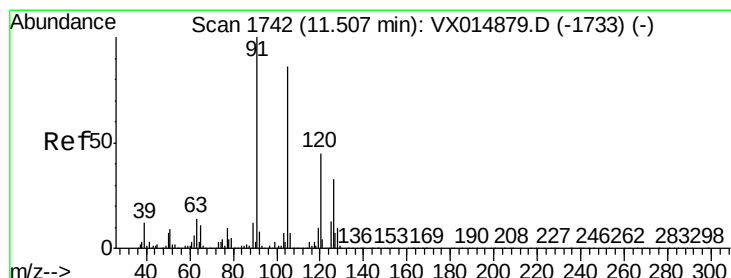
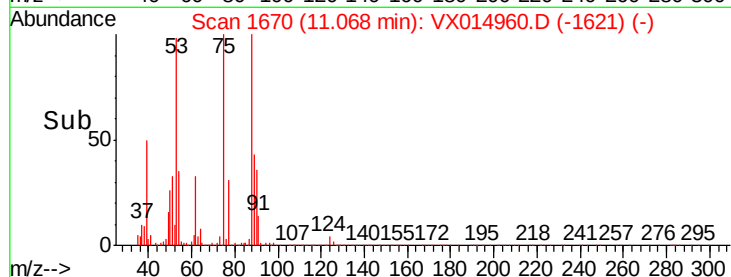
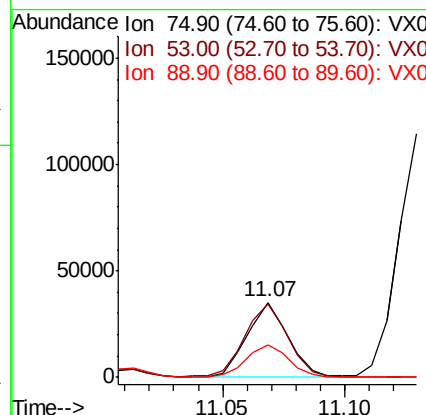
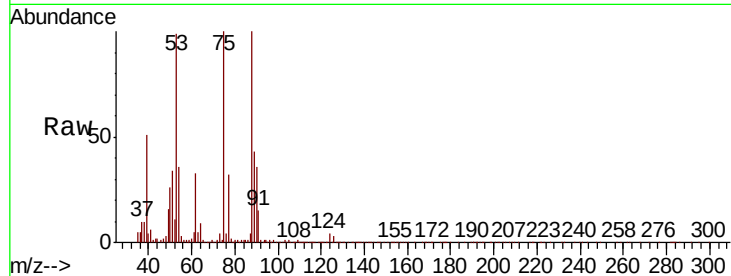




#81
trans-1,4-Dichloro-2-butene
Concen: 18.135 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

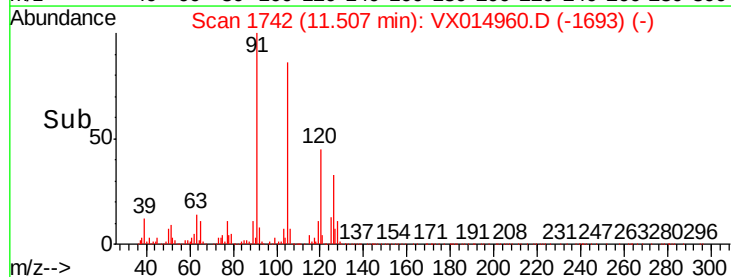
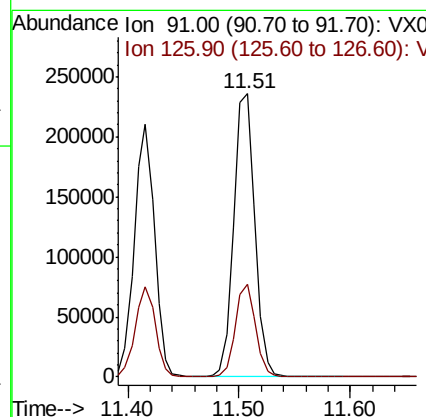
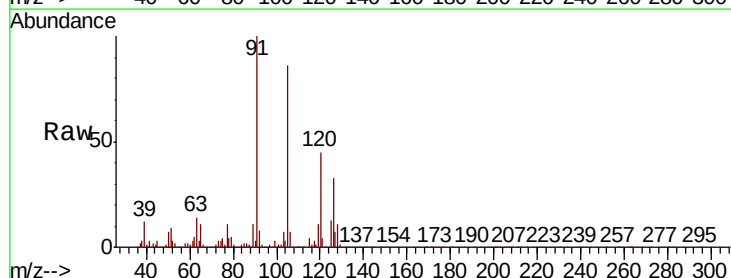
Instrument :
MSVOA_X
ClientSampleId :

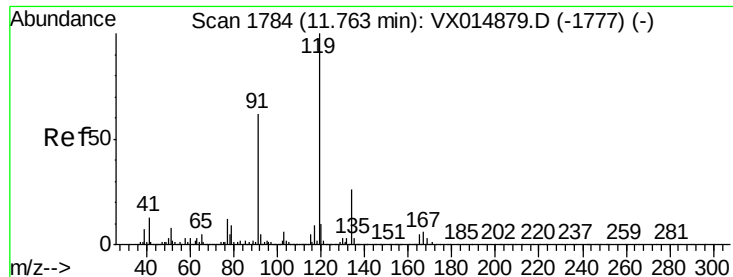
Tot Ion: 75 Resp: 40934
Ion Ratio Lower Upper
75 100
53 102.9 76.2 114.2
89 46.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.057 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion: 91 Resp: 307455
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

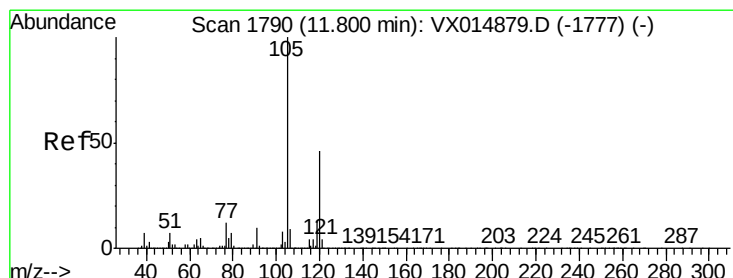
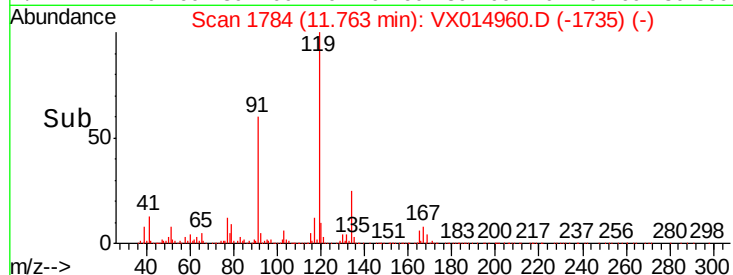
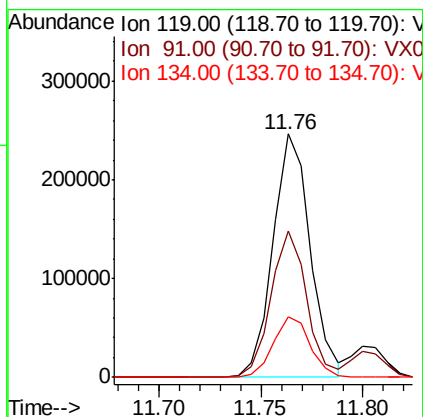
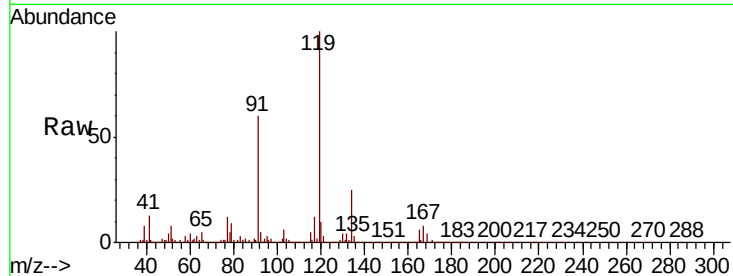




#83
tert-Butylbenzene
Concen: 19.752 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

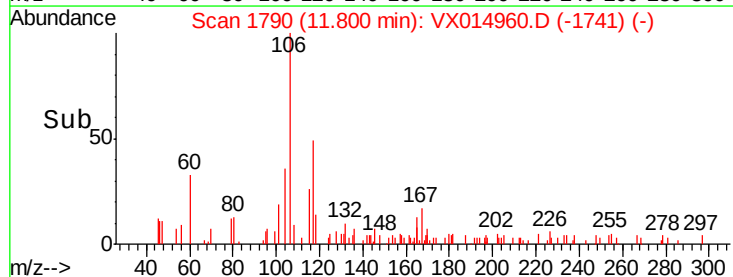
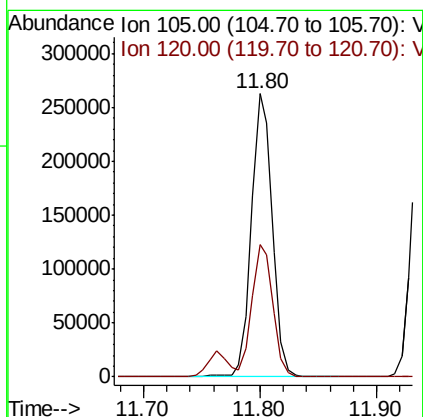
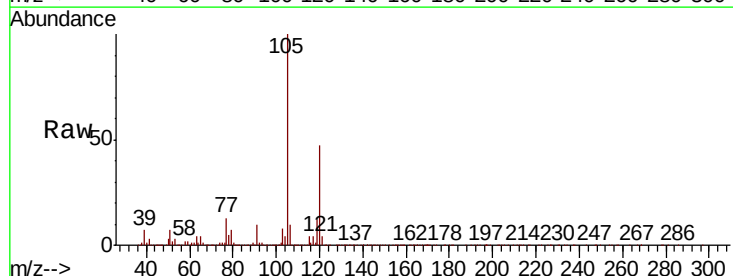
Instrument :
MSVOA_X
ClientSampleId :

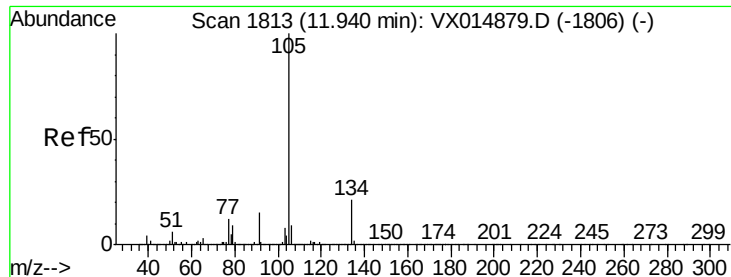
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	29.5	88.6
134	24.7	12.6	37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.492 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.439 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

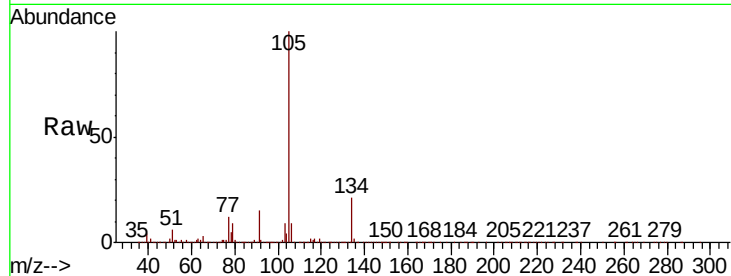
ClientSampleId :

Tot Ion:105 Resp: 382844

Ion Ratio Lower Upper

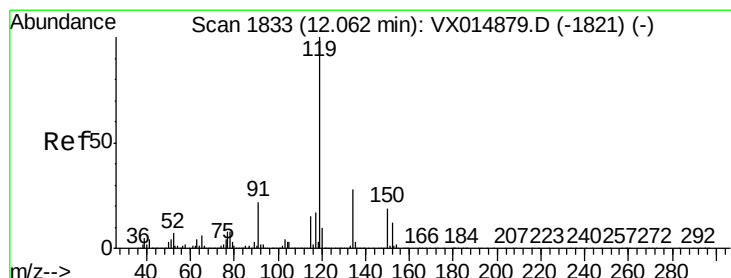
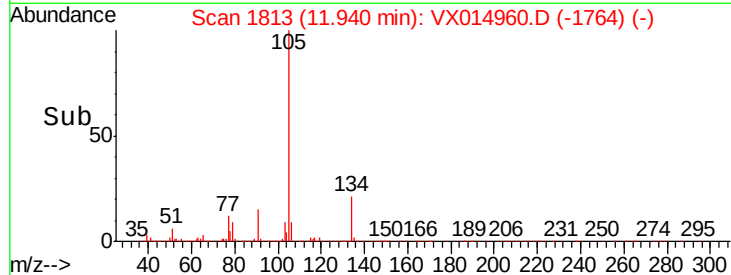
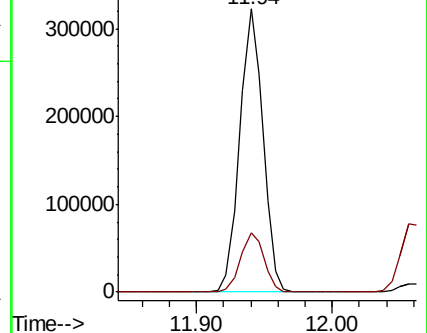
105 100

134 21.5 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.407 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

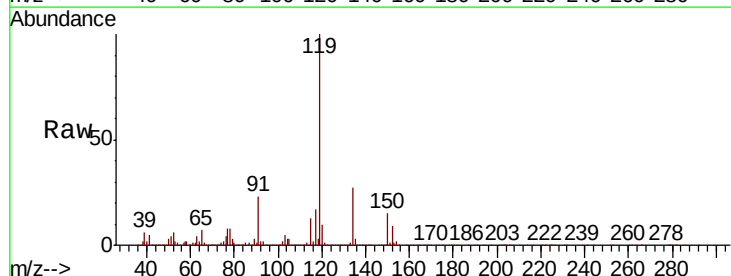
Tgt Ion:119 Resp: 357655

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

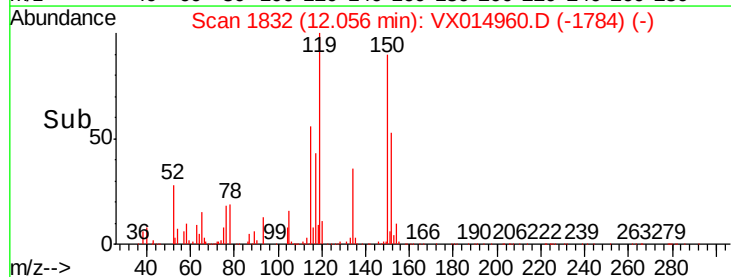
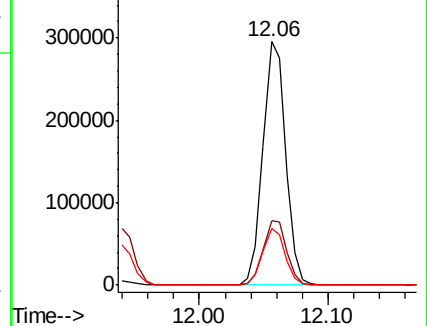
91 22.7 11.4 34.1

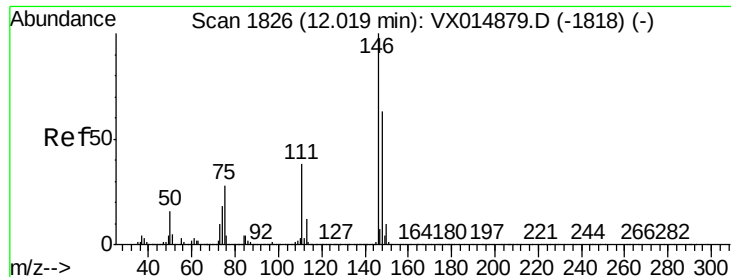


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

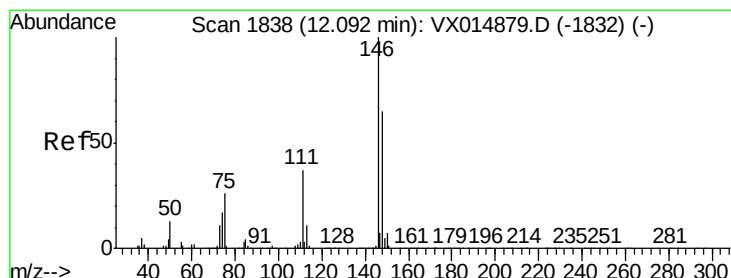
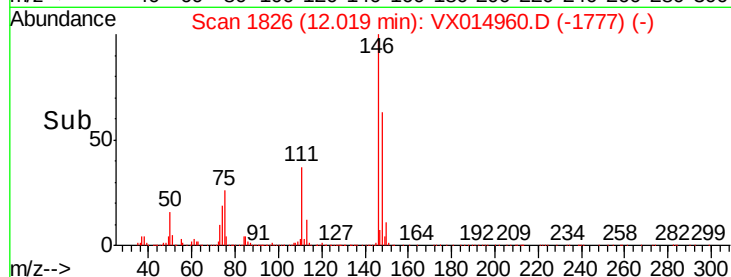
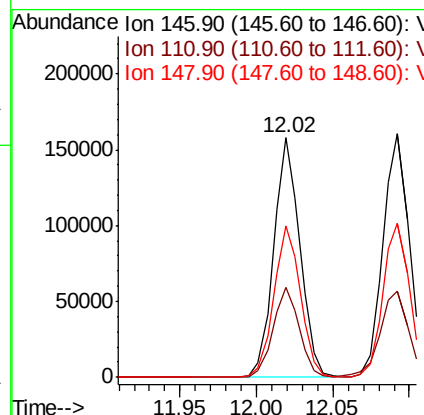
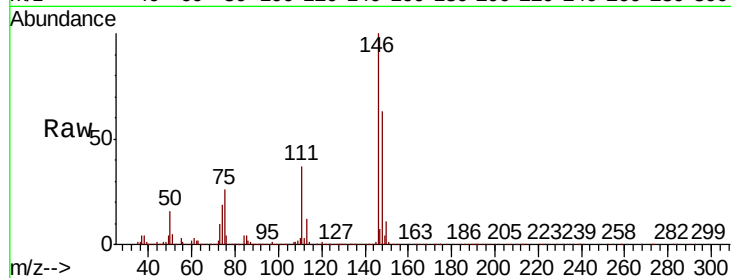




#87
 1,3-Dichlorobenzene
 Concen: 18.833 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

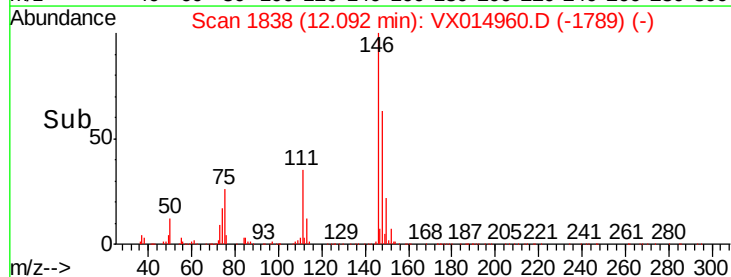
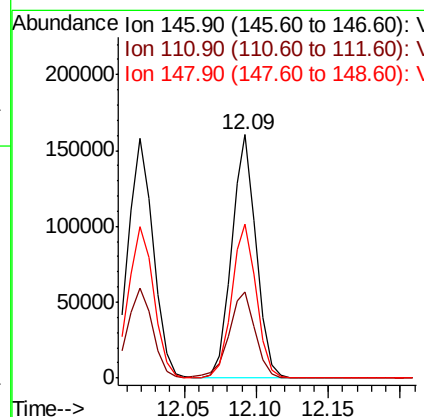
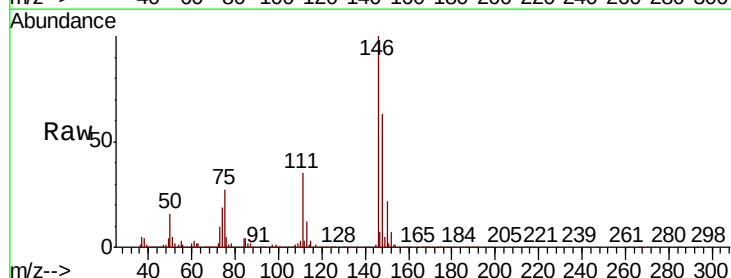
Instrument :
 MSVOA_X
 ClientSampleId :

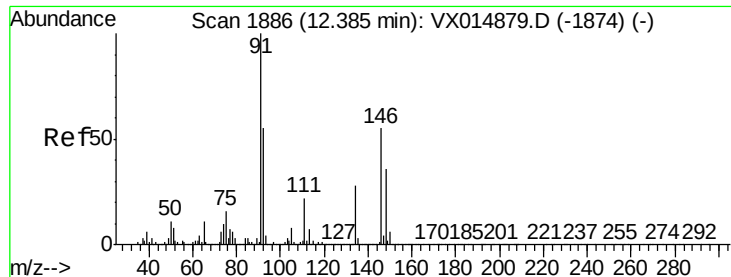
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.649 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.6
148	64.1	32.4	97.0





#89

n-Butylbenzene

Concen: 18.414 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014960.D

Acq: 19 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

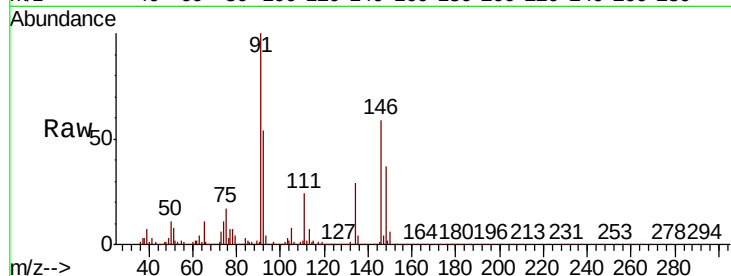
Tot Ion: 91 Resp: 303930

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

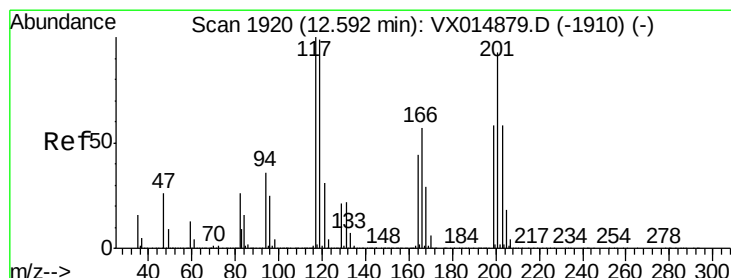
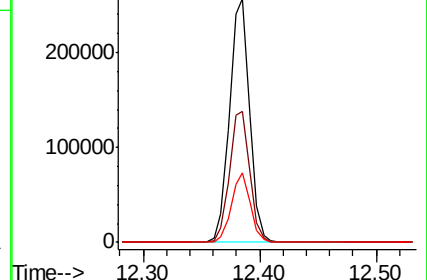
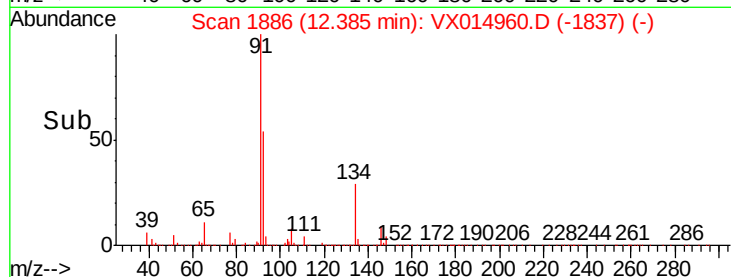
134 27.4 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.022 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014960.D

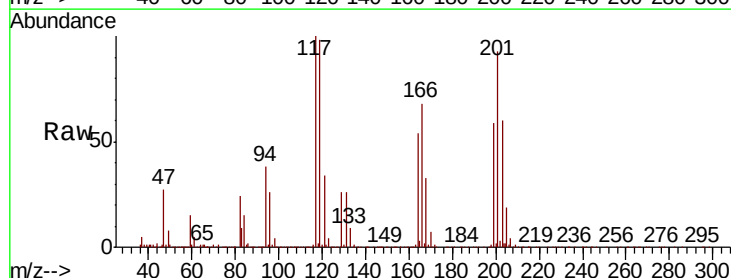
Acq: 19 Feb 2020 12:00

Tgt Ion: 117 Resp: 61221

Ion Ratio Lower Upper

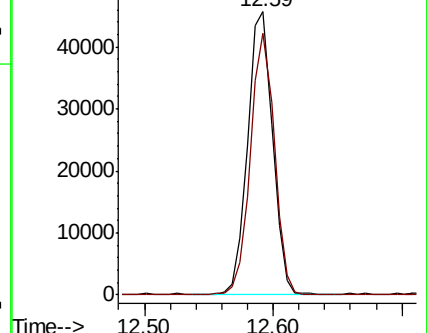
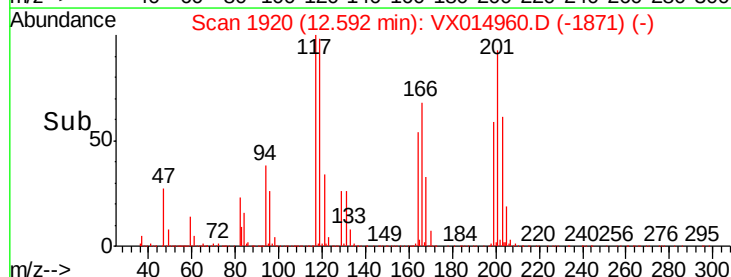
117 100

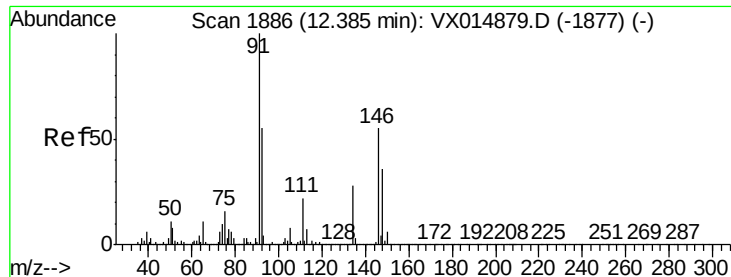
201 88.0 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

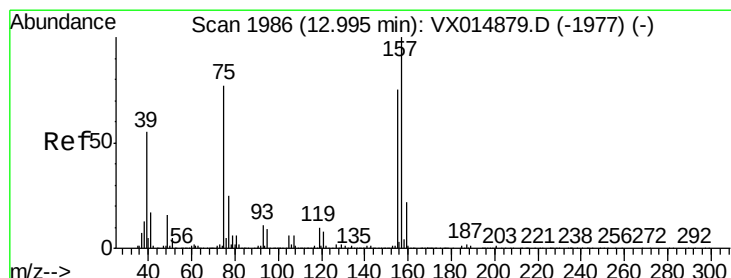
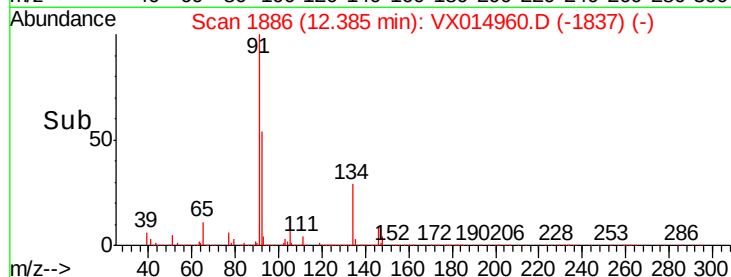
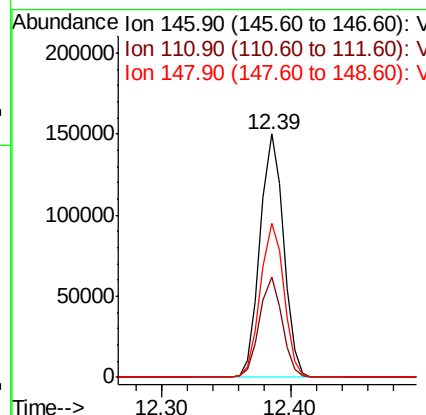
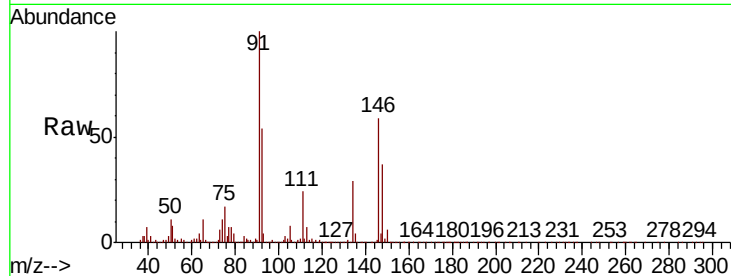




#91
 1,2-Dichlorobenzene
 Concen: 19.143 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

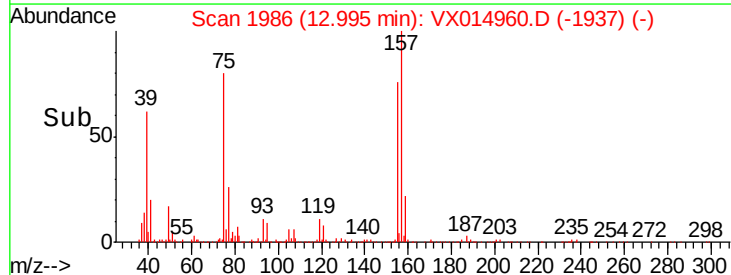
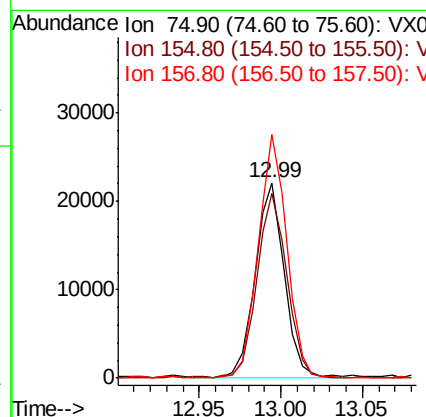
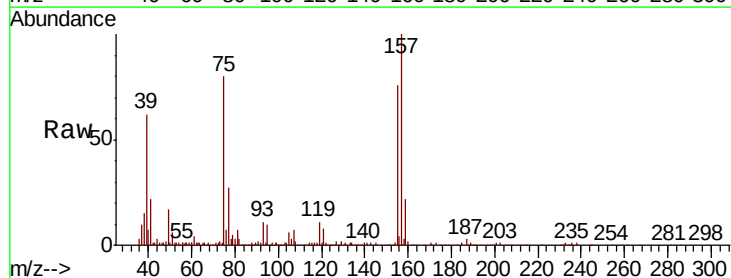
Instrument :
 MSVOA_X
 ClientSampleId :

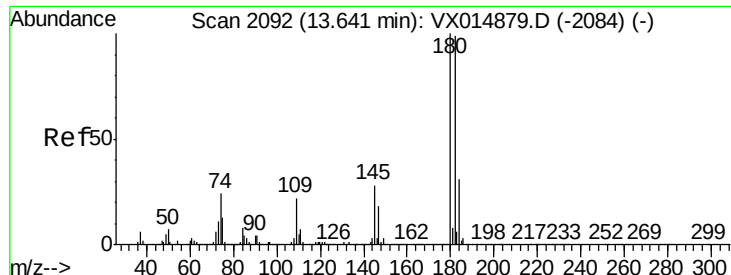
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	63.7	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.669 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	48.6	145.9
157	124.6	62.0	186.0

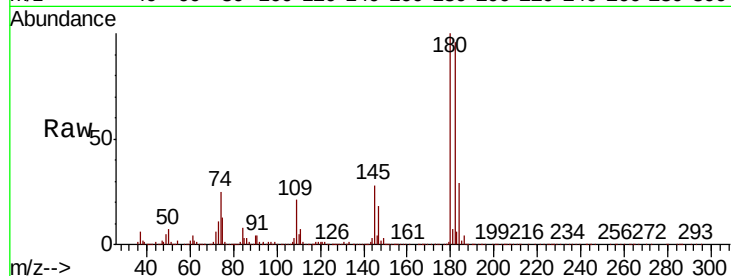




#93
 1,2,4-Trichlorobenzene
 Concen: 18.609 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.3
145	28.3	14.1	42.4

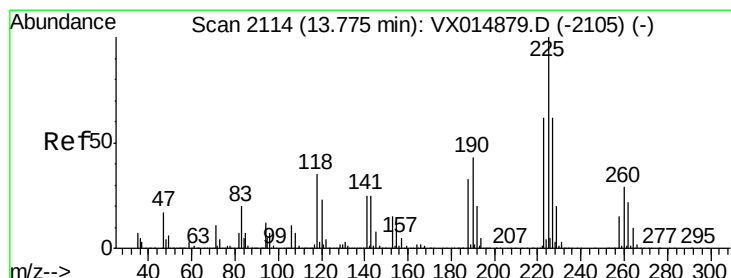
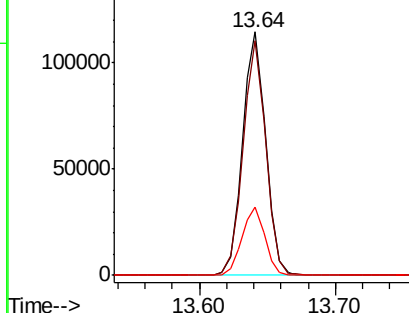
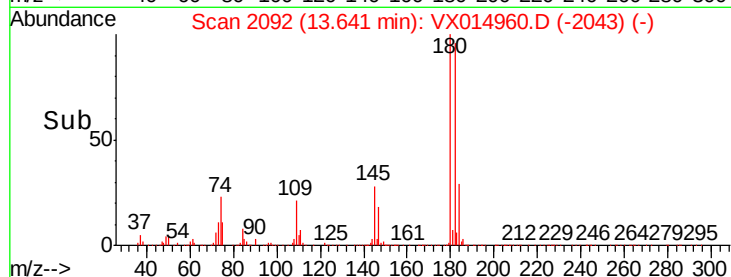


Abundance

Ion 179.80 (179.50 to 180.50): V

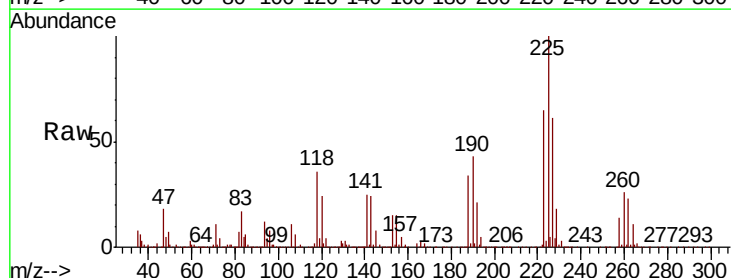
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.236 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014960.D
 Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.2
227	61.3	30.9	92.5

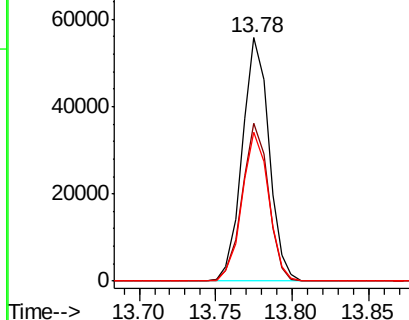
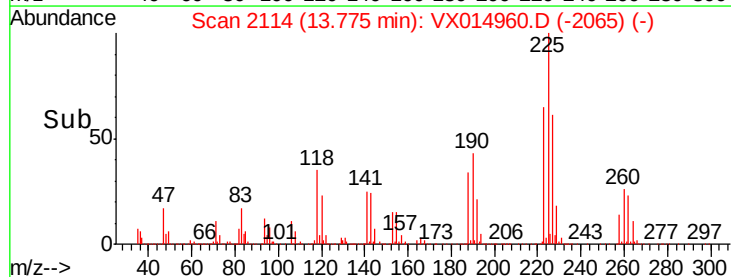


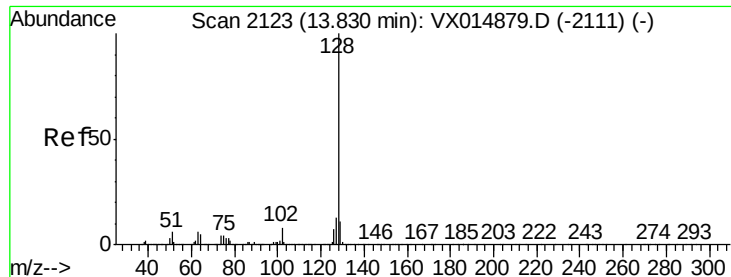
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

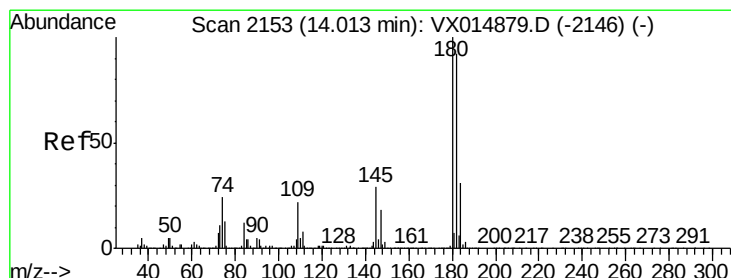
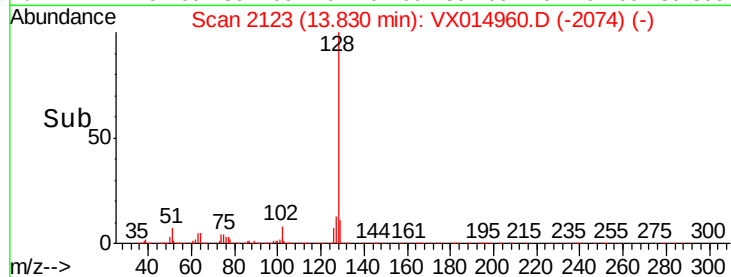
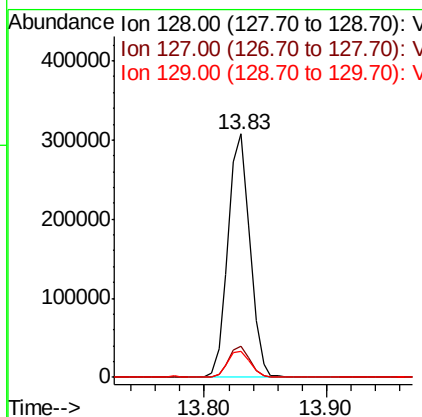
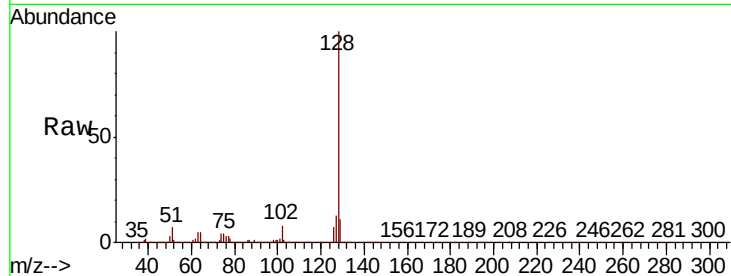




#95
Naphthalene
Concen: 19.696 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.286 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014960.D
Acq: 19 Feb 2020 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	29.4	14.5	43.5

