

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015859.D
 Acq On : 22 Apr 2020 23:25
 Operator : JC/SP
 Sample : VX0422WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Quant Time: Apr 23 04:58:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	905917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1400345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1322962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	673315	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	524262	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.47	113	408587	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
50) Toluene-d8	8.70	98	1617902	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.12	95	618500	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	170365	21.970	ug/l	99
3) Chloromethane	1.31	50	158519	19.960	ug/l	99
4) Vinyl Chloride	1.39	62	177724	19.334	ug/l	98
5) Bromomethane	1.63	94	76288	24.744	ug/l	95
6) Chloroethane	1.72	64	101762	19.426	ug/l	97
7) Trichlorofluoromethane	1.92	101	233918	20.510	ug/l	100
8) Diethyl Ether	2.17	74	85643	18.517	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	146321	18.912	ug/l	99
10) Methyl Iodide	2.49	142	185763	19.434	ug/l	99
11) Tert butyl alcohol	3.01	59	211982	100.695	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155518	19.600	ug/l	95
13) Acrolein	2.28	56	103717	83.264	ug/l	99
14) Allyl chloride	2.71	41	328486	19.482	ug/l	100
15) Acrylonitrile	3.12	53	491516	100.587	ug/l	100
16) Acetone	2.42	43	409783	91.339	ug/l	100
17) Carbon Disulfide	2.55	76	432092	14.995	ug/l	97
18) Methyl Acetate	2.75	43	280871	18.964	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	568398	20.291	ug/l	98
20) Methylene Chloride	2.84	84	179664	19.727	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	171692	19.502	ug/l	99
22) Diisopropyl ether	3.83	45	622085	20.470	ug/l	97
23) Vinyl Acetate	3.79	43	2543977	101.142	ug/l	100
24) 1,1-Dichloroethane	3.67	63	321673	20.308	ug/l	98
25) 2-Butanone	4.64	43	700612	98.801	ug/l	99
26) 2,2-Dichloropropane	4.56	77	232849	16.456	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	201320	20.142	ug/l	97
28) Bromochloromethane	4.98	49	148401	17.855	ug/l	98
29) Tetrahydrofuran	5.09	42	464444	99.022	ug/l	99
30) Chloroform	5.18	83	314536	19.736	ug/l	97
31) Cyclohexane	5.55	56	300088	19.935	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	286853	20.187	ug/l	99
36) 1,1-Dichloropropene	5.78	75	240107	19.341	ug/l	98
37) Ethyl Acetate	4.80	43	281648	19.063	ug/l	99
38) Carbon Tetrachloride	5.76	117	239660	19.599	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	287990	18.319	ug/l	97
40) Benzene	6.12	78	724020	19.364	ug/l	99
41) Methacrylonitrile	5.01	41	160478	19.547	ug/l	99
42) 1,2-Dichloroethane	6.17	62	258464	19.197	ug/l	99
43) Isopropyl Acetate	6.42	43	472444	18.957	ug/l	99
44) Trichloroethene	7.19	130	254441	19.364	ug/l	94
45) 1,2-Dichloropropane	7.50	63	195537	19.955	ug/l	95
46) Dibromomethane	7.64	93	136972	19.149	ug/l	97
47) Bromodichloromethane	7.88	83	247361	19.439	ug/l	96
48) Methyl methacrylate	7.75	41	238756	19.476	ug/l	99
49) 1,4-Dioxane	7.71	88	79980	345.207	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1415257	98.381	ug/l	99
52) Toluene	8.77	92	462053	19.279	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	300789	19.051	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	320818	19.225	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	186627	19.942	ug/l	97
56) Ethyl methacrylate	9.16	69	300391	18.950	ug/l	98
57) 1,3-Dichloropropane	9.35	76	320149	19.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	765842	96.713	ug/l	100
59) 2-Hexanone	9.47	43	1065039	97.184	ug/l	100
60) Dibromochloromethane	9.57	129	192875	19.957	ug/l	97
61) 1,2-Dibromoethane	9.65	107	196682	19.016	ug/l	100
64) Tetrachloroethene	9.32	164	326599	18.315	ug/l	94
65) Chlorobenzene	10.12	112	503654	19.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	189618	19.175	ug/l	98
67) Ethyl Benzene	10.24	91	900039	19.374	ug/l	100
68) m/p-Xylenes	10.34	106	684017	39.226	ug/l	99
69) o-Xylene	10.68	106	330695	19.272	ug/l	99
70) Styrene	10.70	104	567820	19.111	ug/l	100
71) Bromoform	10.84	173	126594	19.646	ug/l #	97
73) Isopropylbenzene	11.00	105	892623	20.874	ug/l	100
74) N-amyl acetate	10.88	43	432475	19.590	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	180285	19.921	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	315486	24.640	ug/l	84
77) Bromobenzene	11.24	156	232406	19.891	ug/l	99
78) n-propylbenzene	11.34	91	988052	20.170	ug/l	100
79) 2-Chlorotoluene	11.40	91	589071	20.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	730191	20.026	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	90445	16.993	ug/l	97
82) 4-Chlorotoluene	11.49	91	694251	19.855	ug/l	100
83) tert-Butylbenzene	11.76	119	643358	19.891	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	754723	19.937	ug/l	98
85) sec-Butylbenzene	11.93	105	833980	19.560	ug/l	99
86) p-Isopropyltoluene	12.05	119	787470	19.752	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	407362	18.993	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	420893	19.604	ug/l	98
89) n-Butylbenzene	12.37	91	669689	18.788	ug/l	99
90) Hexachloroethane	12.58	117	107377	25.495	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	393372	19.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52709	19.640	ug/l	96

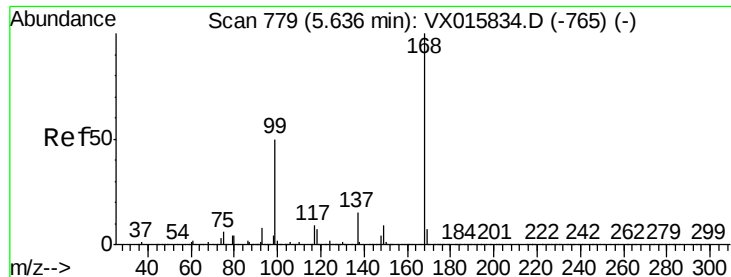
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Instrument :
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Quant Time: Apr 23 04:58:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	303729	18.950	ug/l	100
94) Hexachlorobutadiene	13.77	225	136926	19.054	ug/l	97
95) Naphthalene	13.82	128	885220	19.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	295844	18.919	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

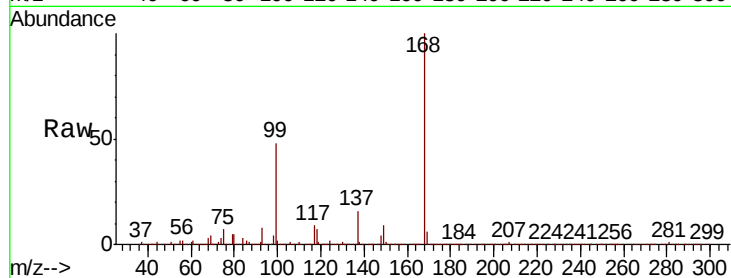
VX0422WBS02

Tot Ion:168 Resp: 905917

Ion Ratio Lower Upper

168 100

99 47.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

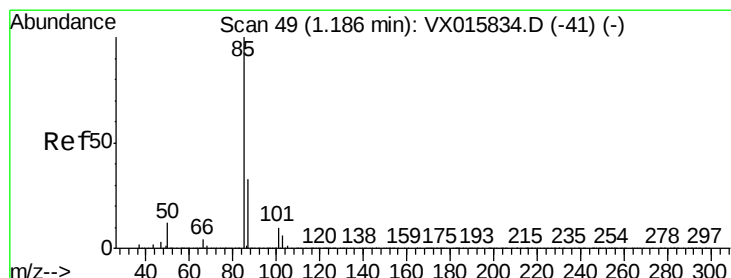
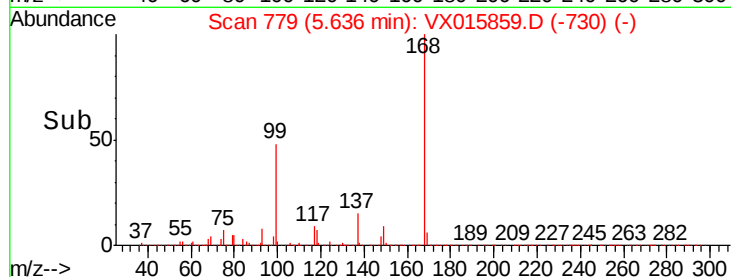
200000

100000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 21.970 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015859.D

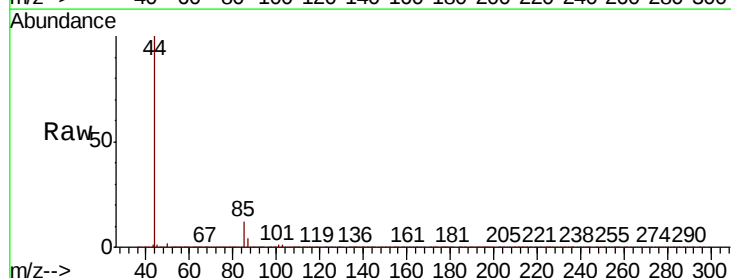
Acq: 22 Apr 2020 23:25

Tgt Ion: 85 Resp: 170365

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

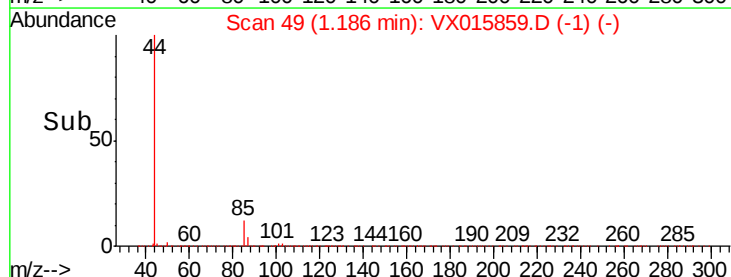
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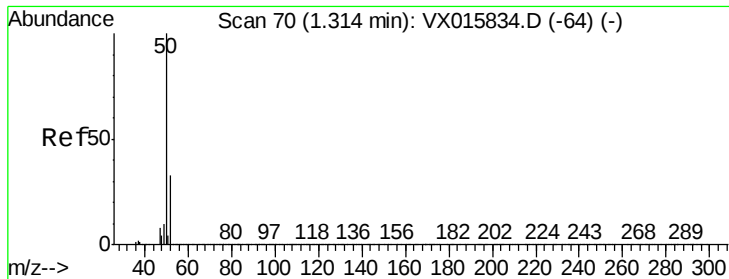
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.960 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

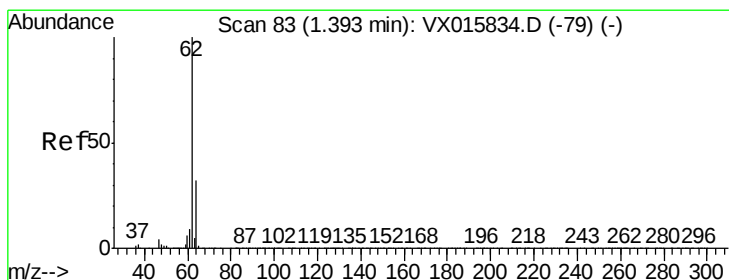
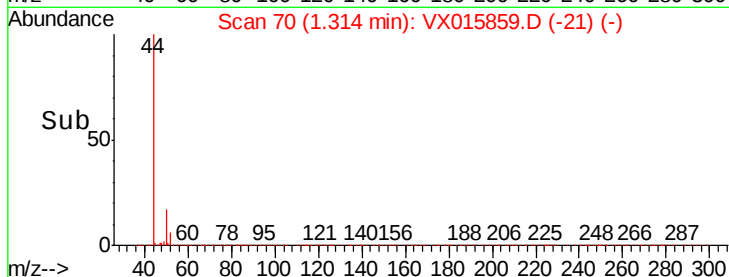
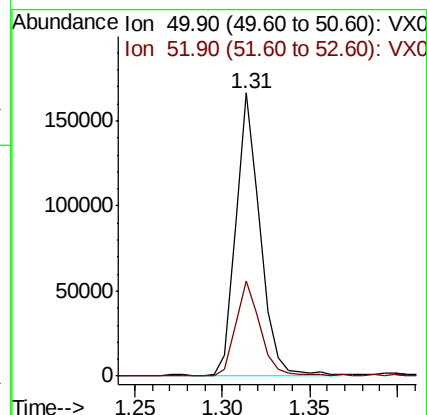
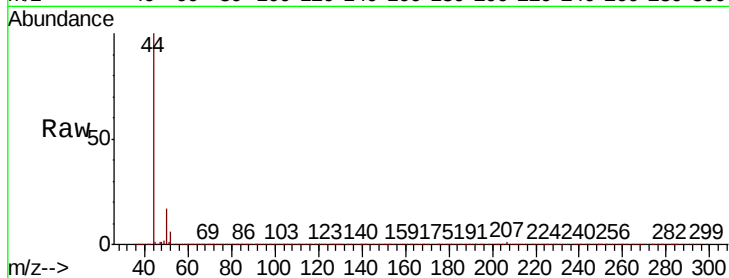
VX0422WBS02

Tot Ion: 50 Resp: 158519

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



#4

Vinyl Chloride

Concen: 19.334 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015859.D

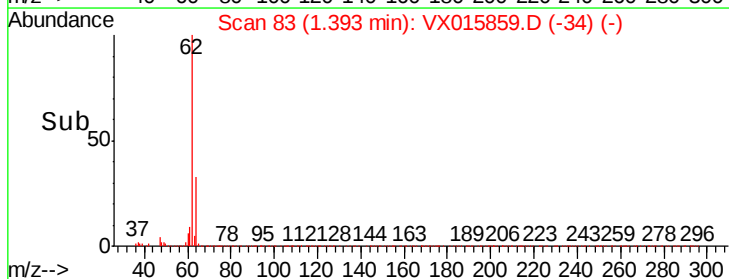
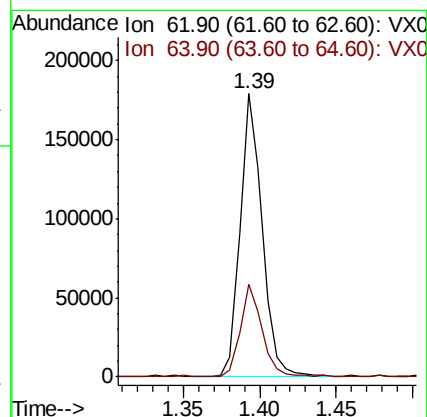
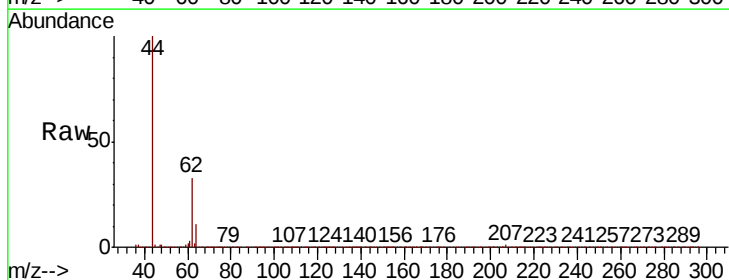
Acq: 22 Apr 2020 23:25

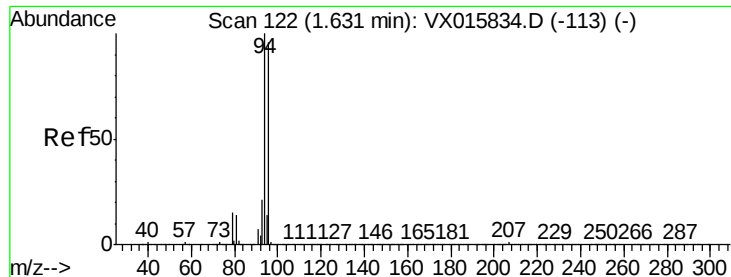
Tgt Ion: 62 Resp: 177724

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 24.744 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

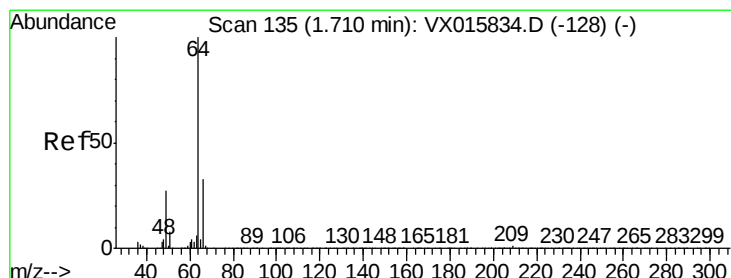
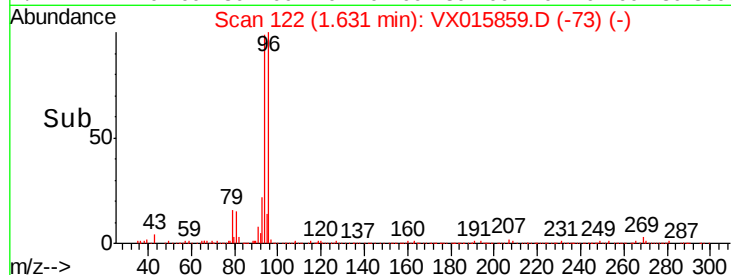
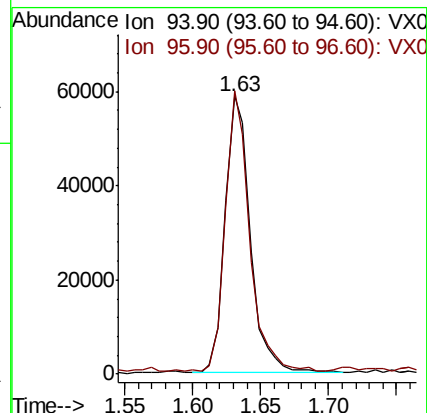
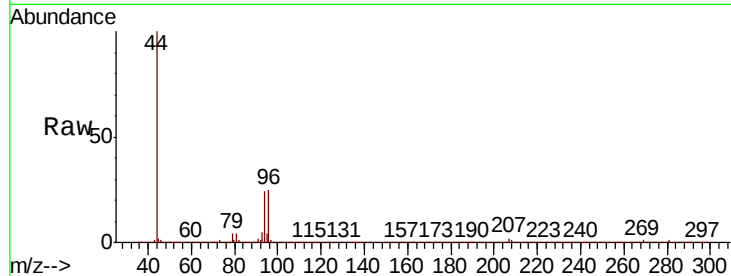
VX0422WBS02

Tot Ion: 94 Resp: 76288

Ion Ratio Lower Upper

94 100

96 100.7 76.7 115.1



#6

Chloroethane

Concen: 19.426 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015859.D

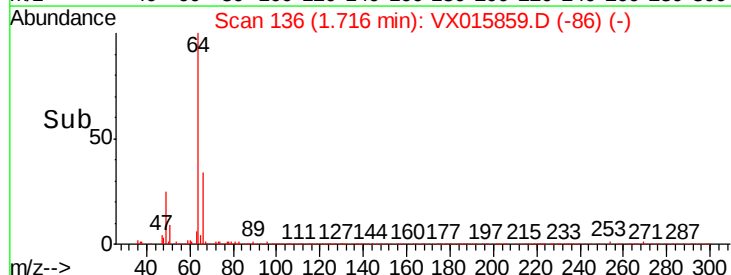
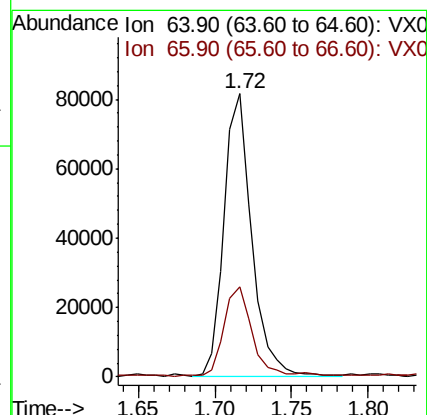
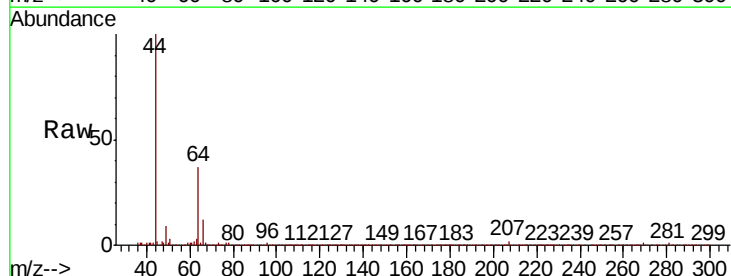
Acq: 22 Apr 2020 23:25

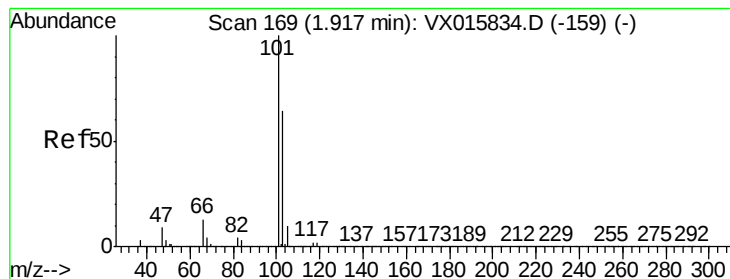
Tgt Ion: 64 Resp: 101762

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.2



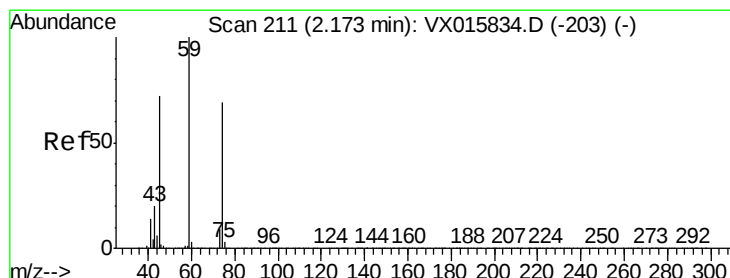
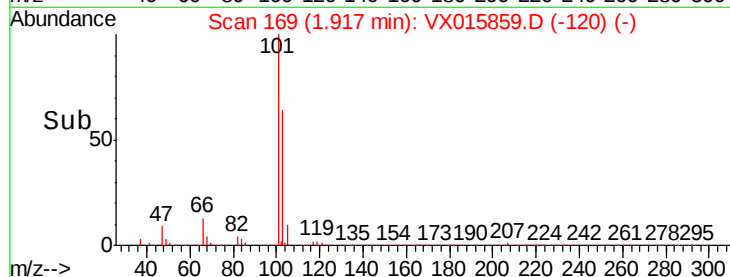
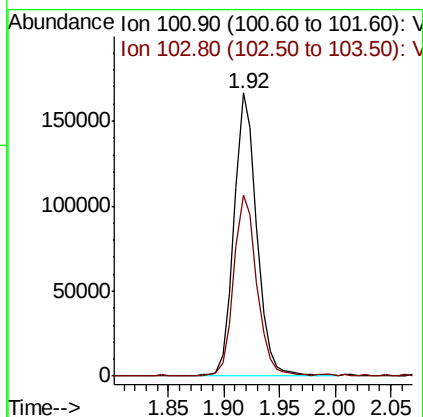
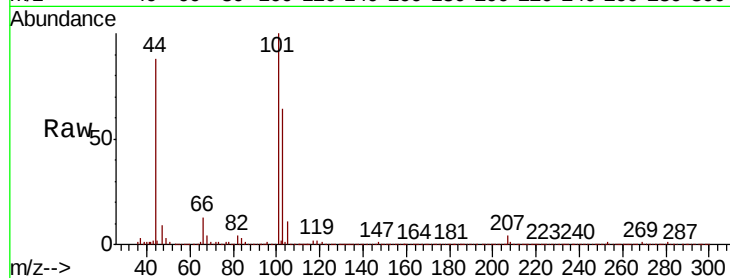


#7

Trichlorofluoromethane
Concen: 20.510 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

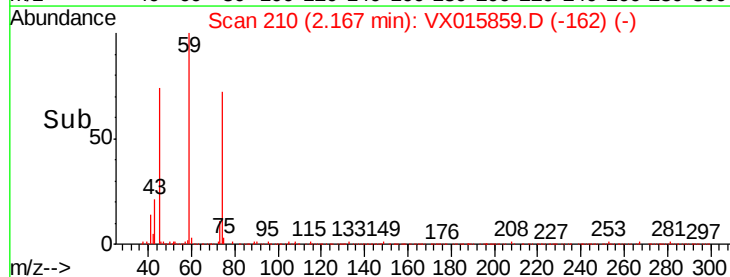
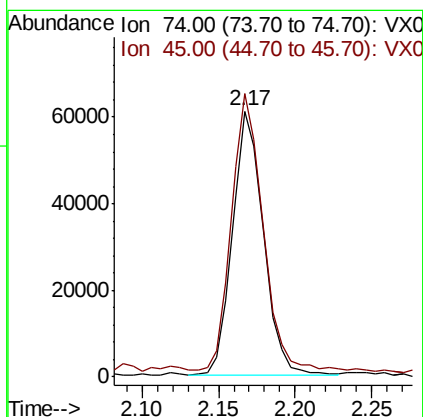
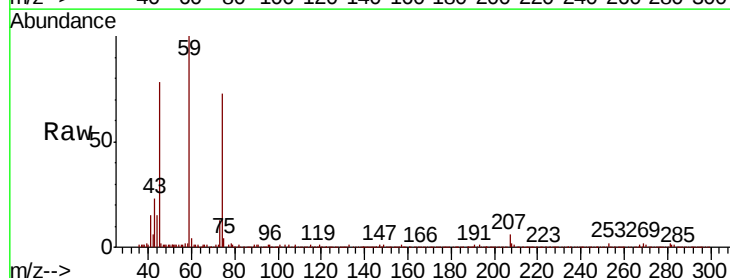
Tot Ion:101 Resp: 233918
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

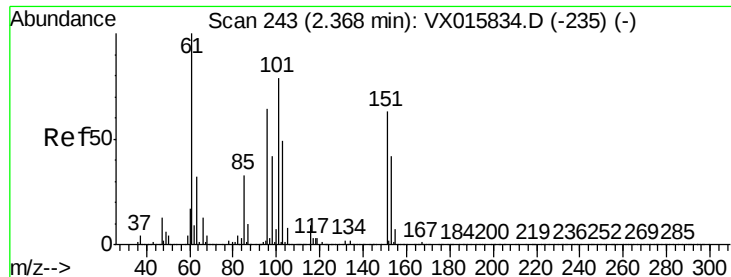


#8

Diethyl Ether
Concen: 18.517 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 74 Resp: 85643
Ion Ratio Lower Upper
74 100
45 109.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.912 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

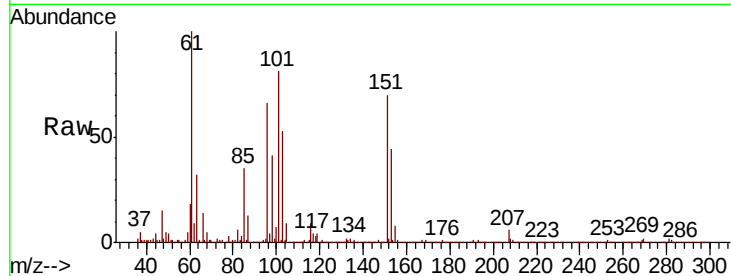
Tot Ion:101 Resp: 146321

Ion Ratio Lower Upper

101 100

85 42.7 33.8 50.6

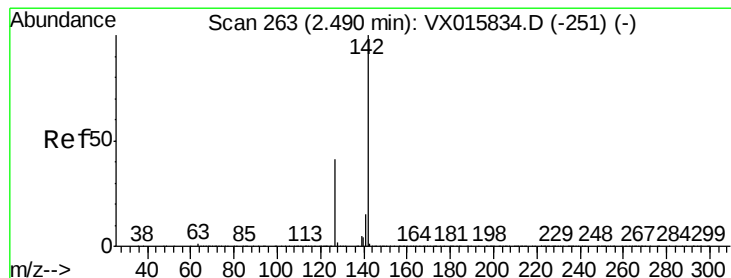
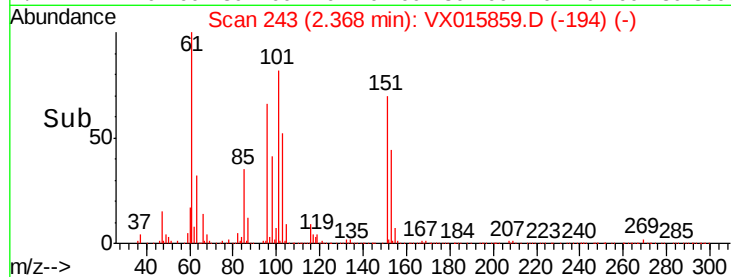
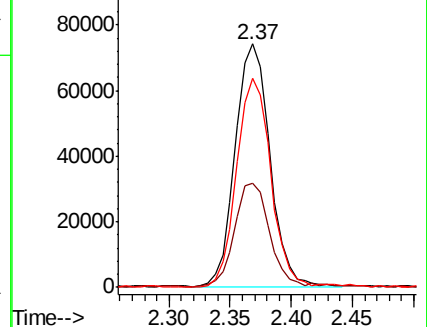
151 84.1 67.8 101.6



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: 19.434 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

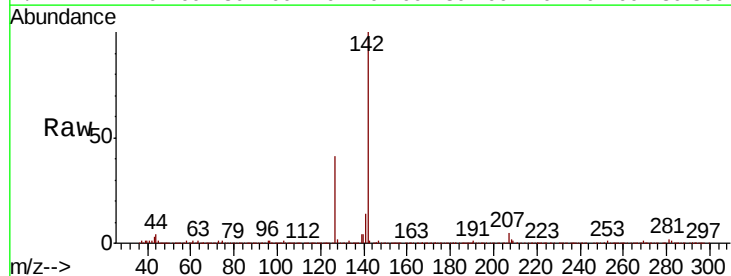
Tgt Ion:142 Resp: 185763

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

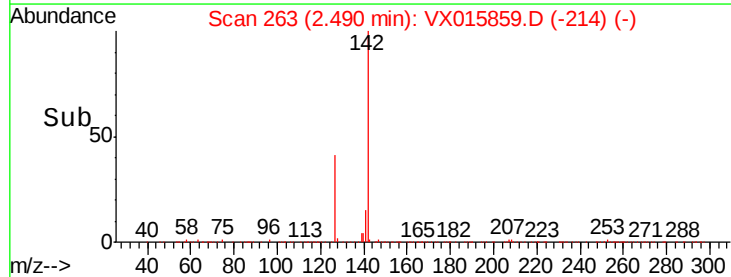
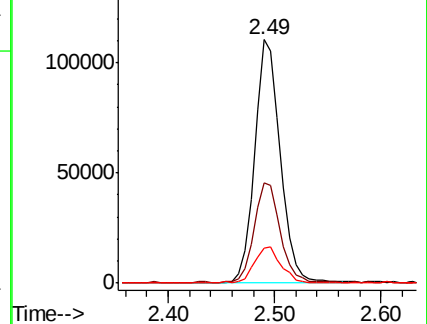
141 15.3 11.8 17.6

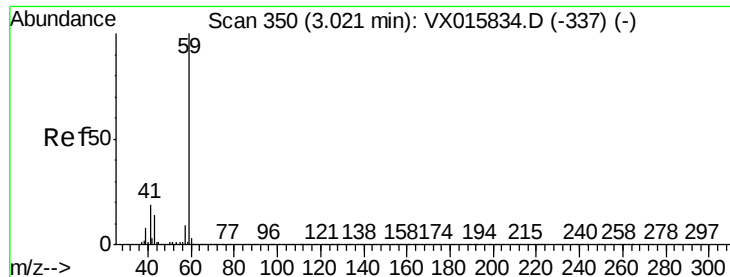


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



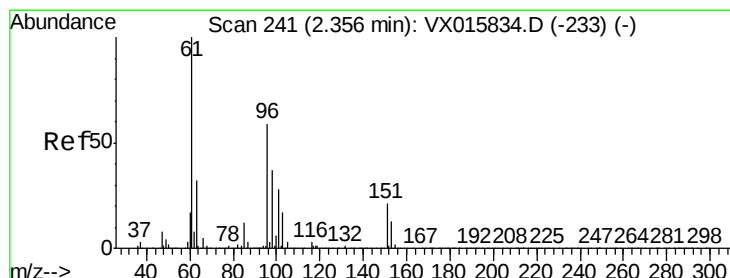
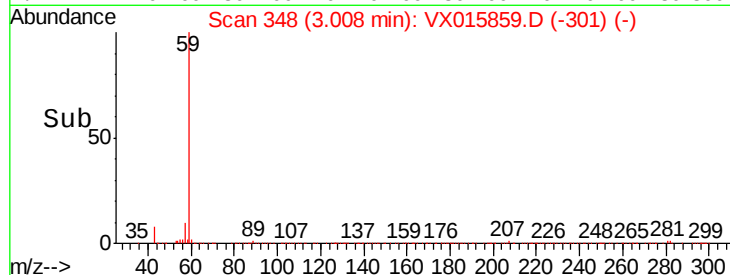
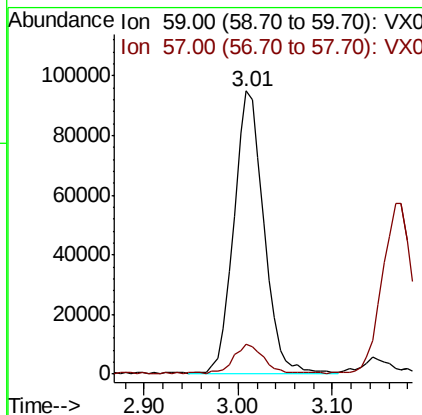
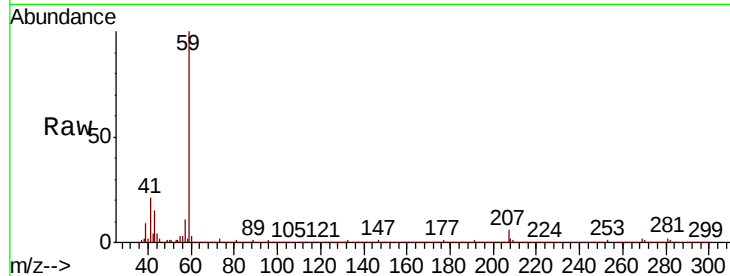


#11

Tert butyl alcohol
 Concen: 100.695 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

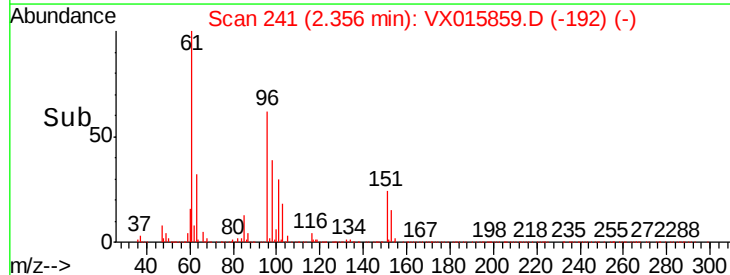
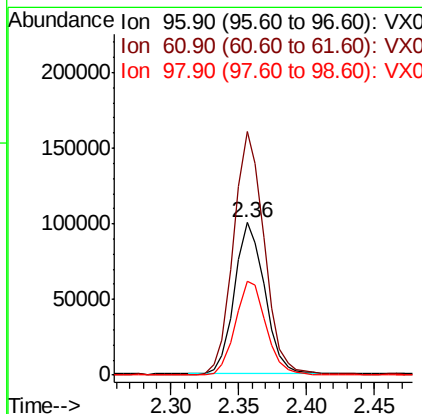
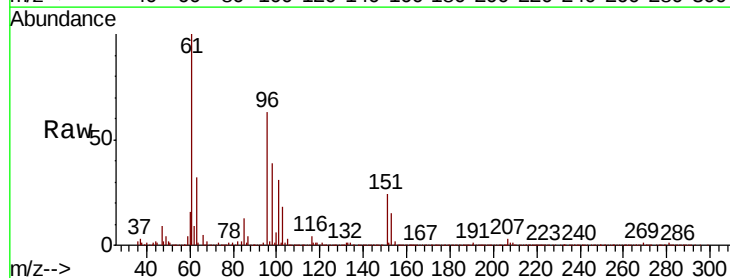
Tot Ion: 59 Resp: 211982
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

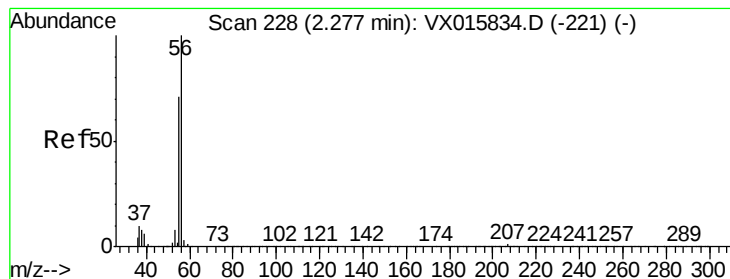


#12

1,1-Dichloroethene
 Concen: 19.600 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion: 96 Resp: 155518
 Ion Ratio Lower Upper
 96 100
 61 160.7 135.0 202.6
 98 62.0 50.6 76.0





#13

Acrolein

Concen: 83.264 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

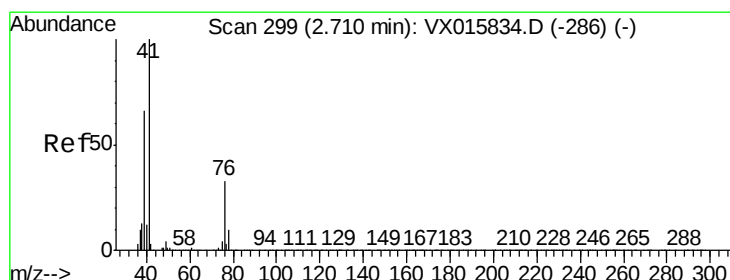
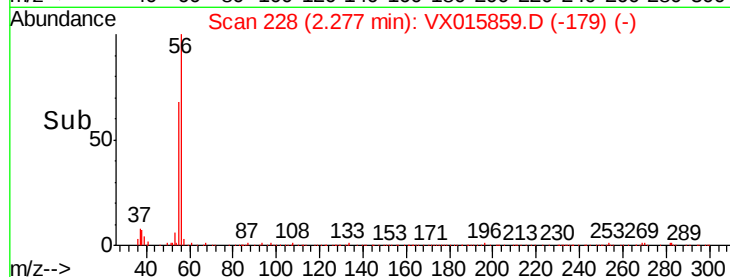
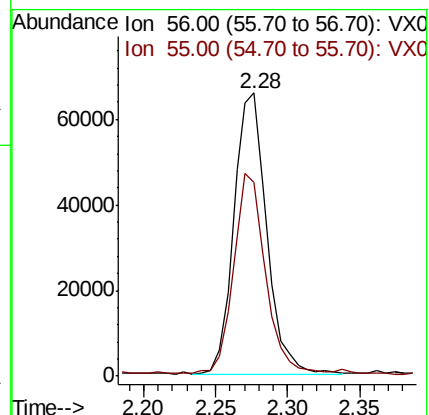
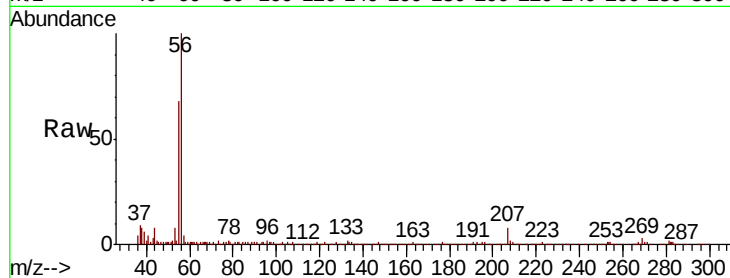
VX0422WBS02

Tot Ion: 56 Resp: 103717

Ion Ratio Lower Upper

56 100

55 69.2 56.1 84.1



#14

Allyl chloride

Concen: 19.482 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

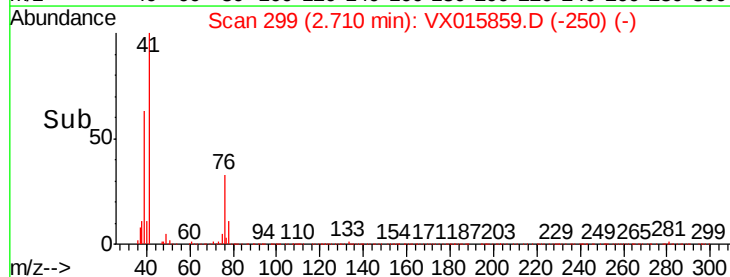
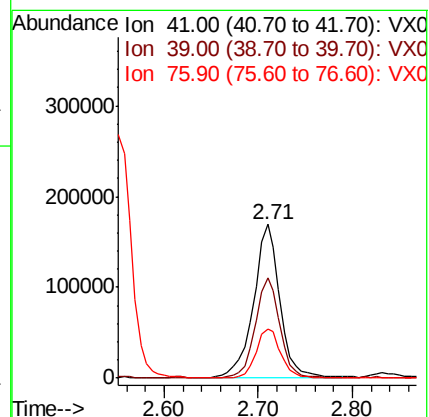
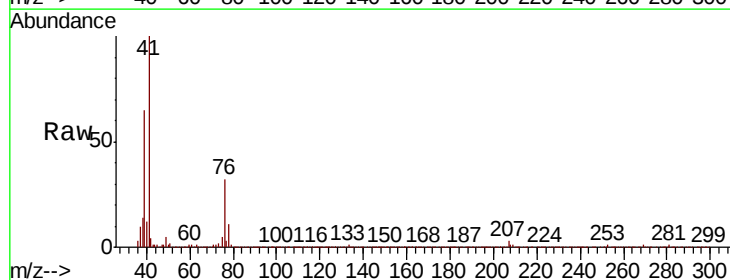
Tgt Ion: 41 Resp: 328486

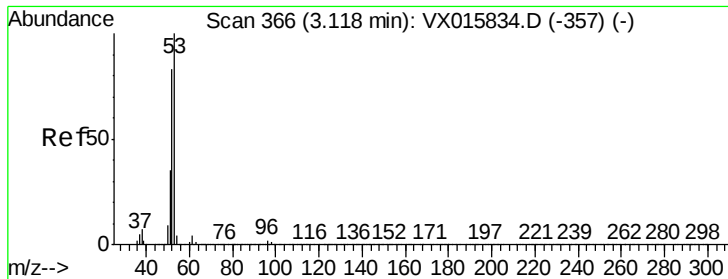
Ion Ratio Lower Upper

41 100

39 60.7 48.4 72.6

76 29.4 23.8 35.8

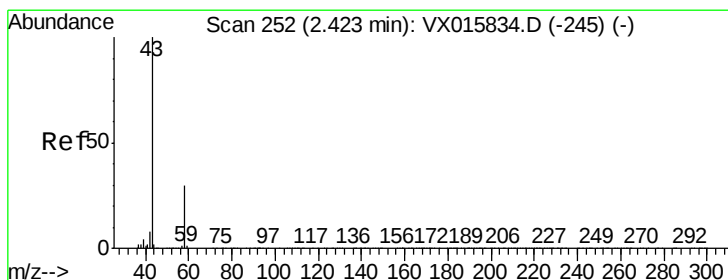
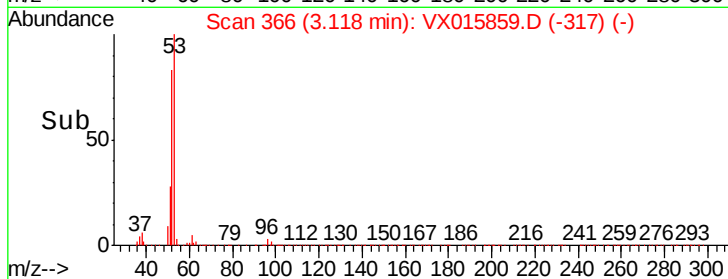
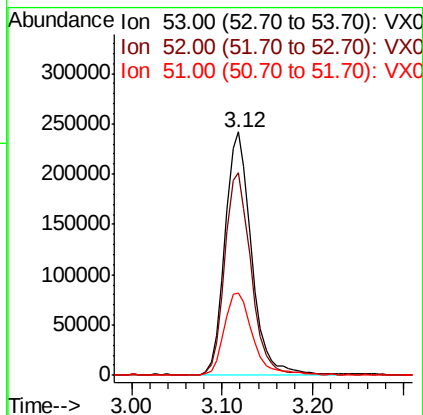
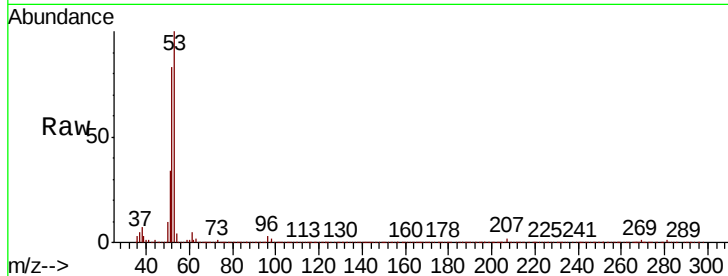




#15
 Acrylonitrile
 Concen: 100.587 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

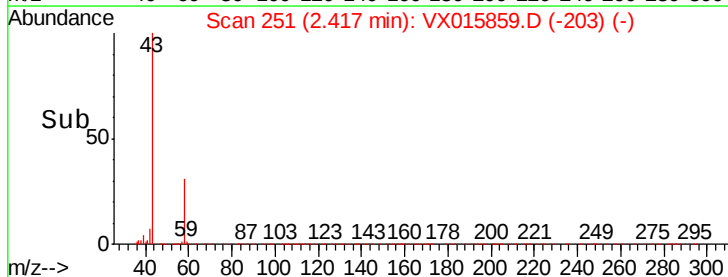
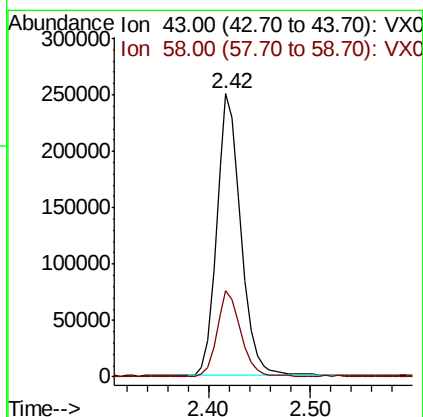
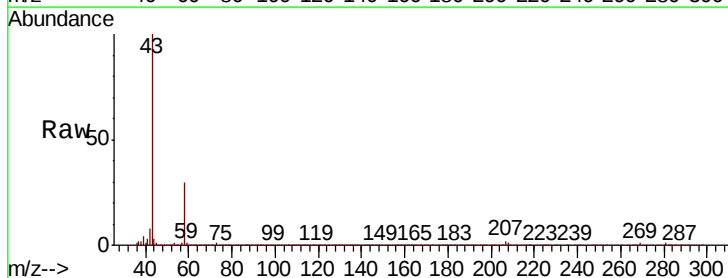
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

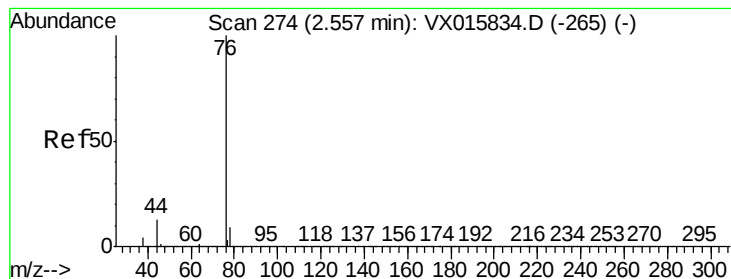
Tot Ion:	53	Resp:	491516
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.4
51	36.2	28.6	43.0



#16
 Acetone
 Concen: 91.339 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion:	43	Resp:	409783
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.0	36.0





#17

Carbon Disulfide

Concen: 14.995 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

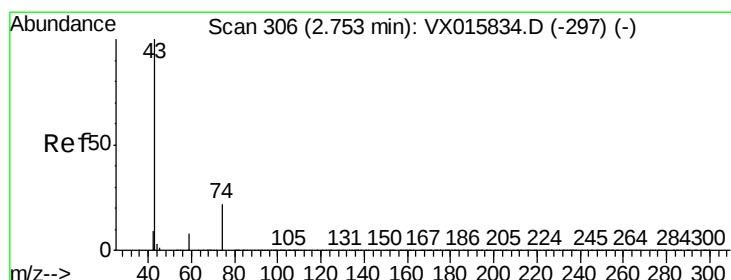
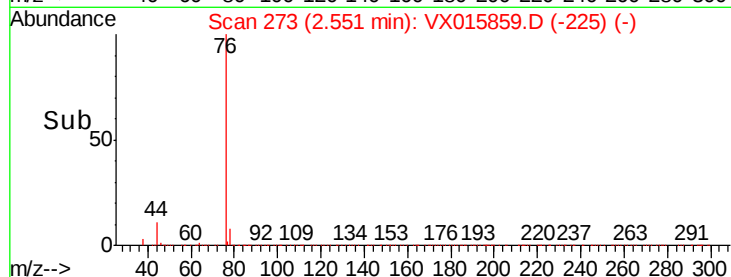
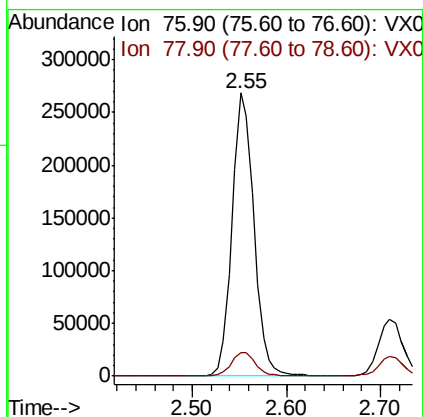
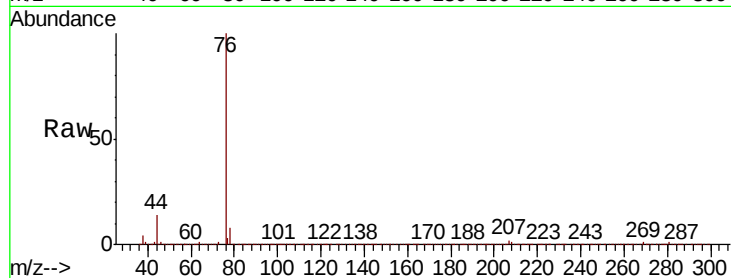
VX0422WBS02

Tot Ion: 76 Resp: 432092

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2



#18

Methyl Acetate

Concen: 18.964 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015859.D

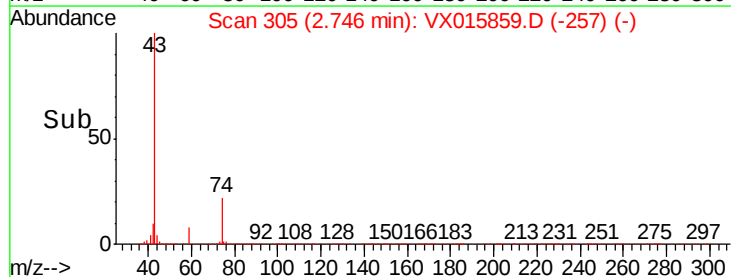
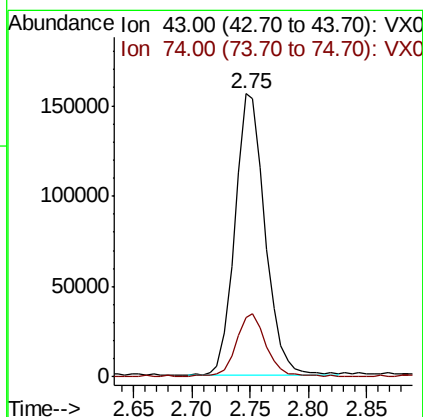
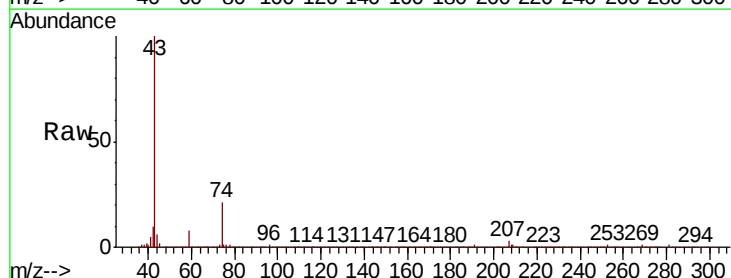
Acq: 22 Apr 2020 23:25

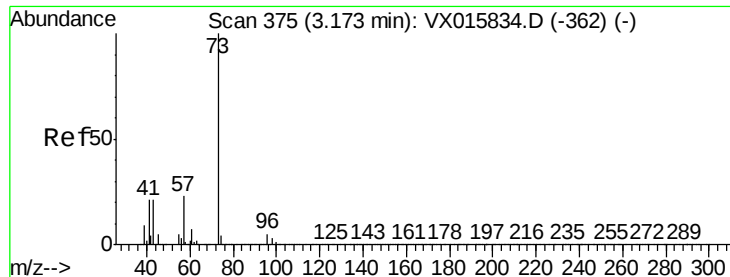
Tgt Ion: 43 Resp: 280871

Ion Ratio Lower Upper

43 100

74 21.8 17.9 26.9

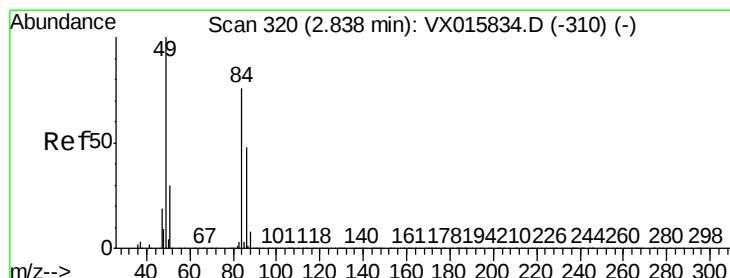
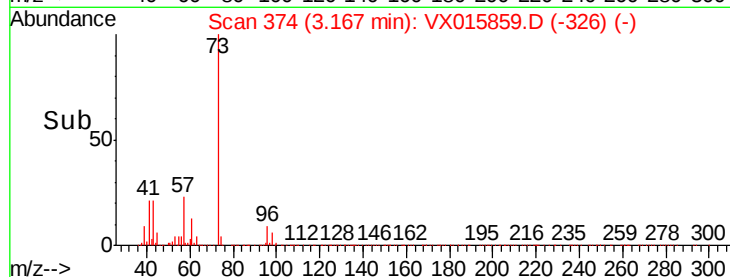
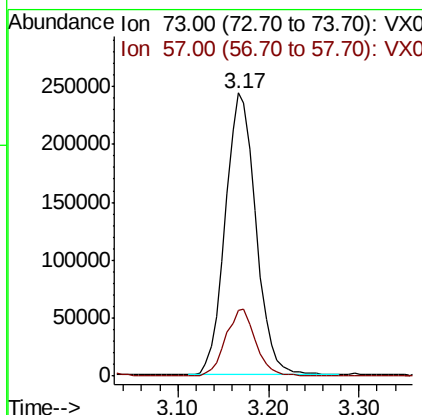
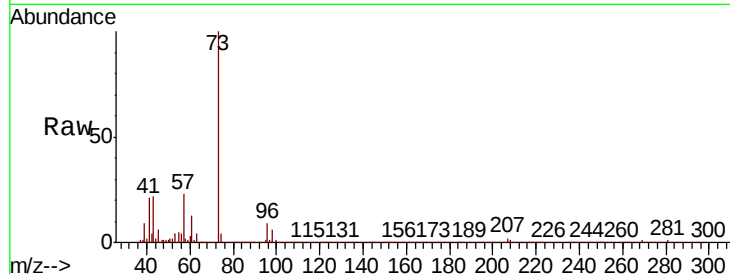




#19
Methyl tert-butyl Ether
Concen: 20.291 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

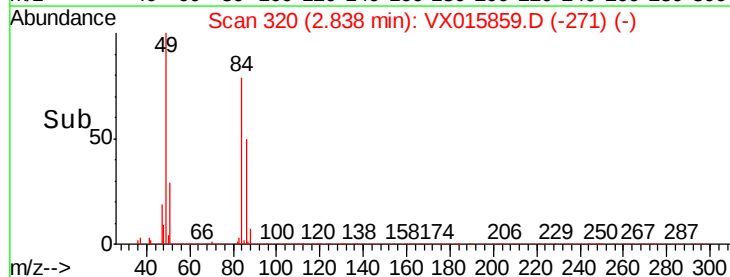
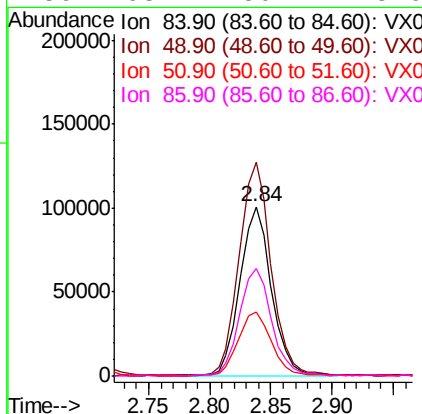
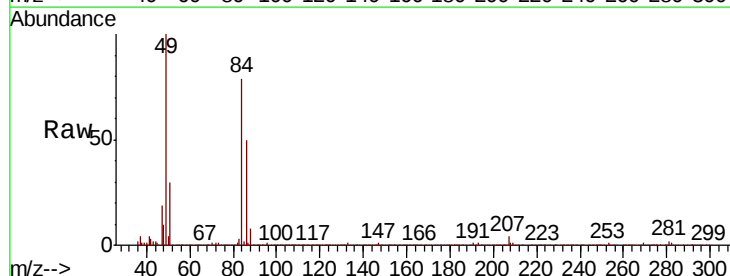
Instrument :
MSVOA_X
ClientSampled :
VX0422WBS02

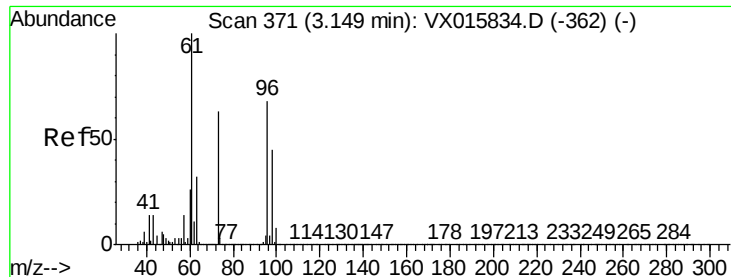
Tot Ion: 73 Resp: 568398
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1



#20
Methylene Chloride
Concen: 19.727 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 84 Resp: 179664
Ion Ratio Lower Upper
84 100
49 125.9 104.9 157.3
51 37.2 32.0 48.0
86 63.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.502 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

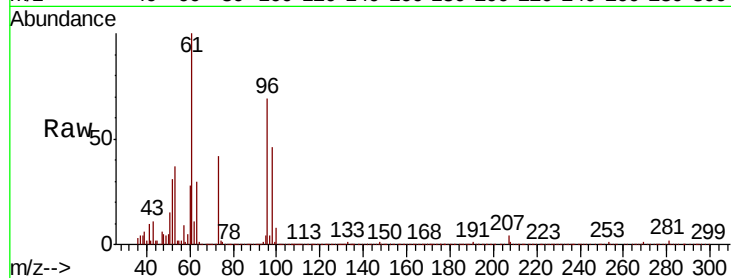
Tot Ion: 96 Resp: 171692

Ion Ratio Lower Upper

96 100

61 145.0 117.5 176.3

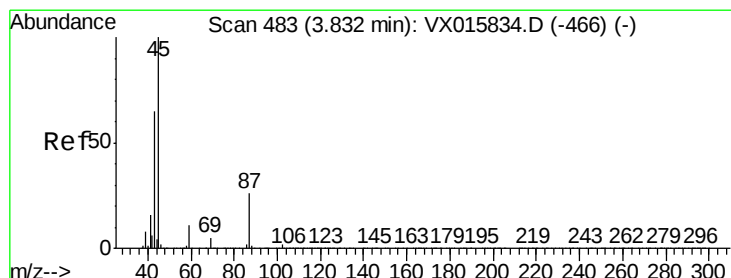
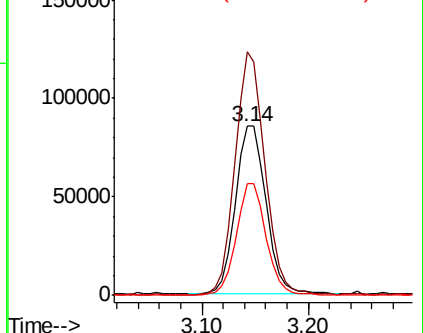
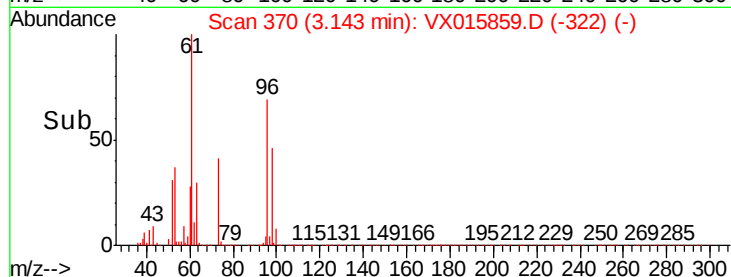
98 66.2 52.7 79.1



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: 20.470 ug/l

RT: 3.83 min Scan# 483

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion: 45 Resp: 622085

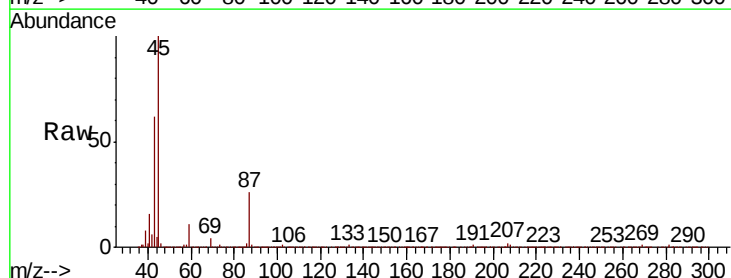
Ion Ratio Lower Upper

45 100

43 62.3 52.4 78.6

87 26.3 20.7 31.1

59 10.7 8.6 12.8

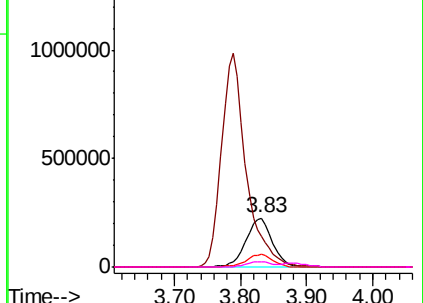
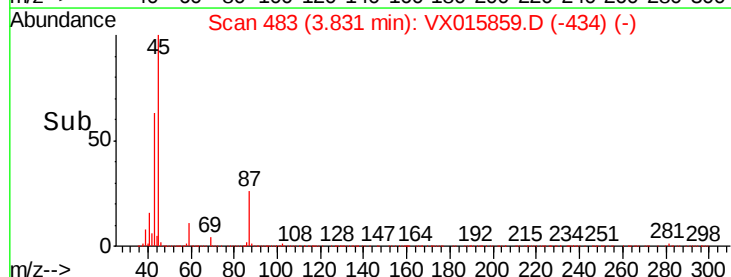


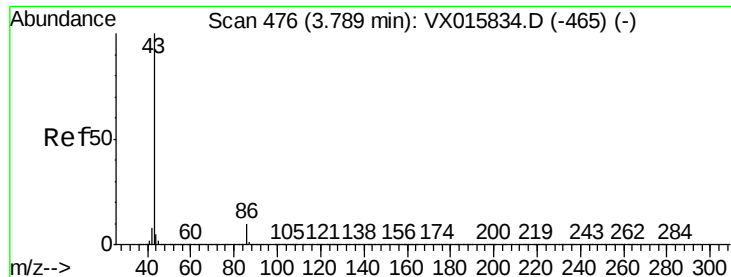
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 101.142 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampled :

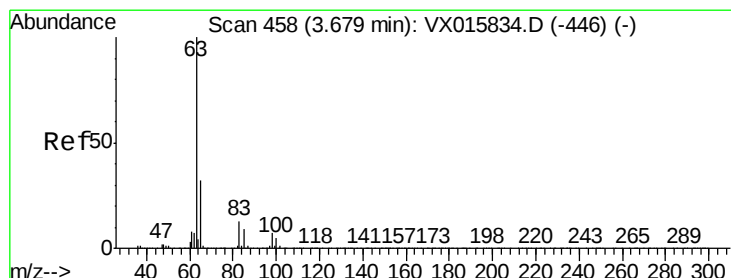
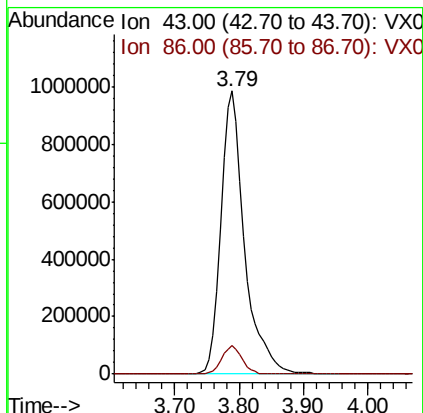
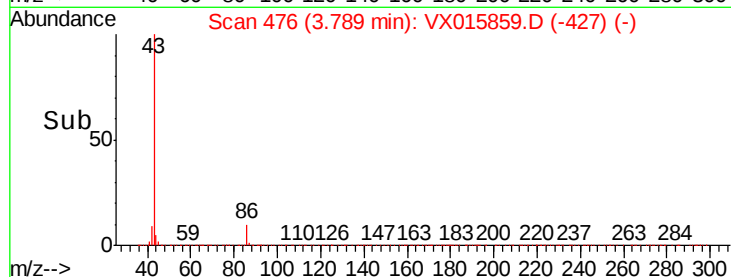
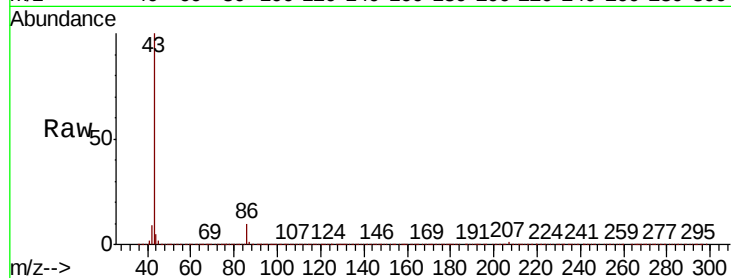
VX0422WBS02

Tot Ion: 43 Resp: 2543977

Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0



#24

1,1-Dichloroethane

Concen: 20.308 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

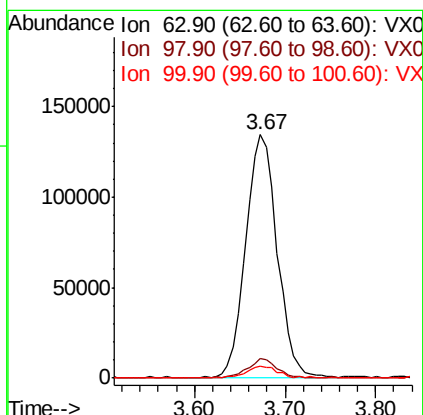
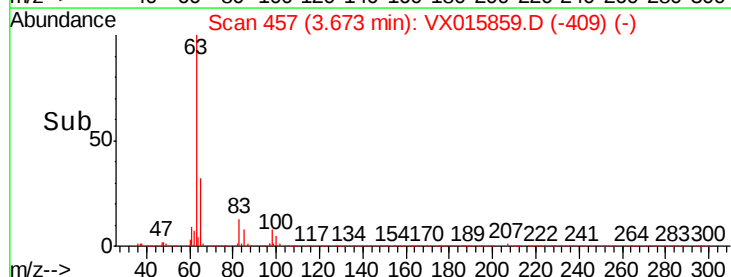
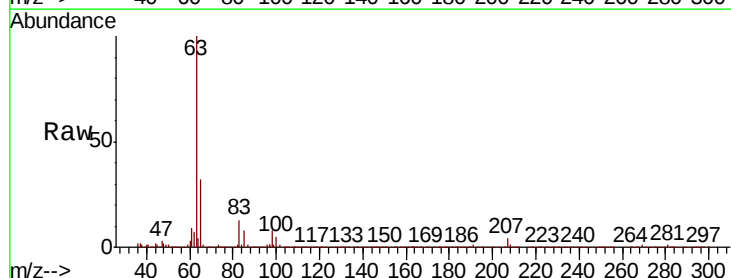
Tgt Ion: 63 Resp: 321673

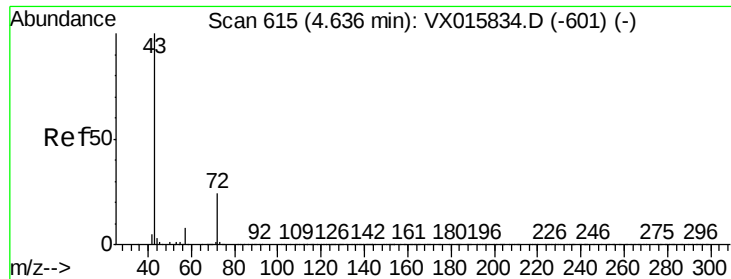
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.9 2.3 6.8

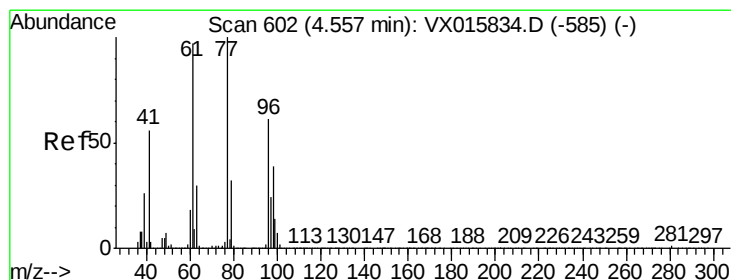
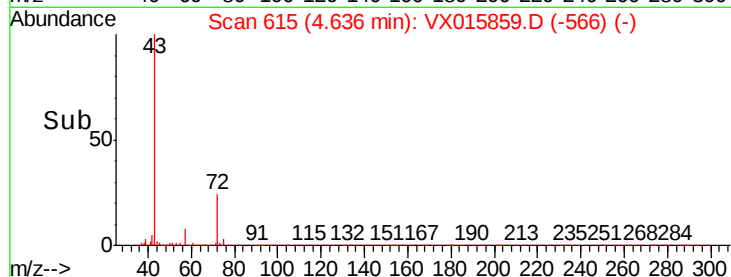
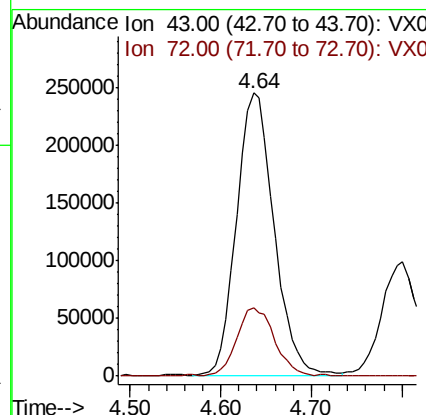
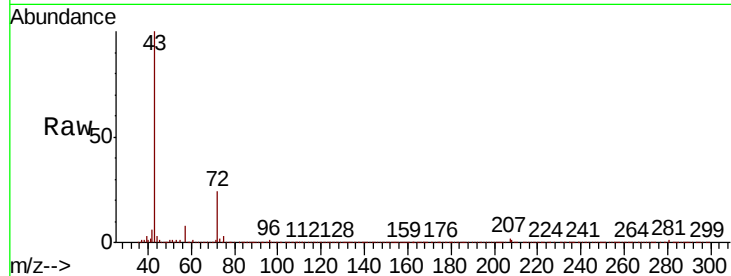




#25
2-Butanone
Concen: 98.801 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

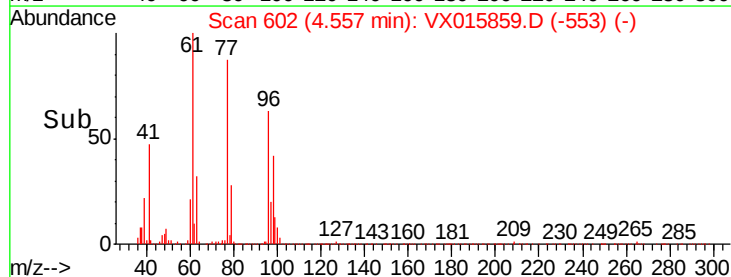
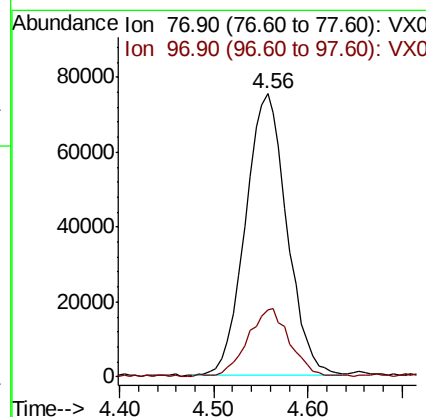
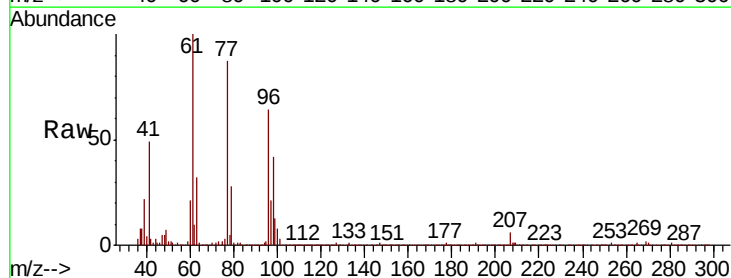
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

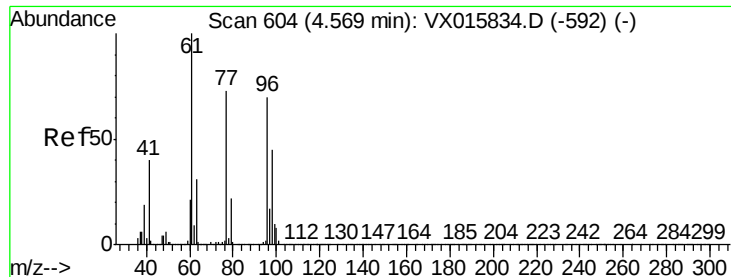
Tot Ion: 43 Resp: 700612
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 16.456 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 77 Resp: 232849
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1



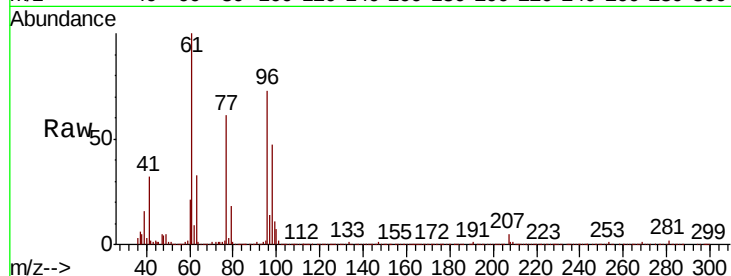


#27

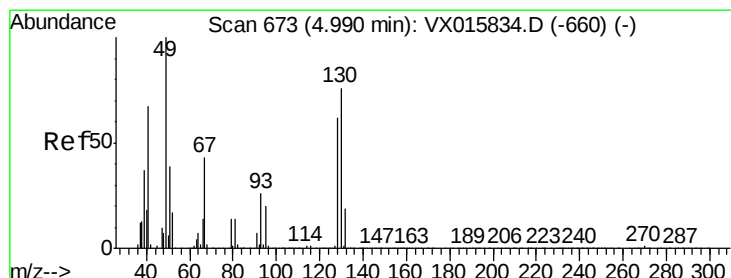
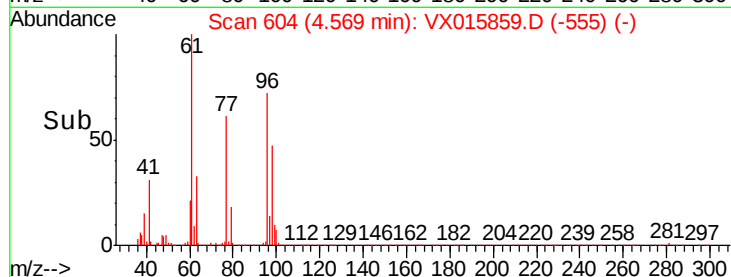
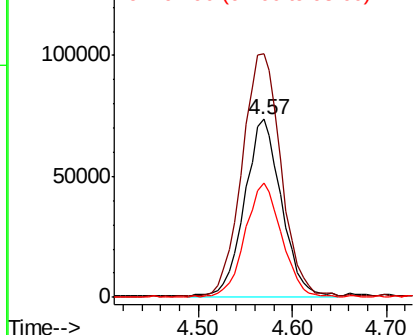
cis-1,2-Dichloroethene
Concen: 20.142 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	299.4
98	63.9	0.0	129.6



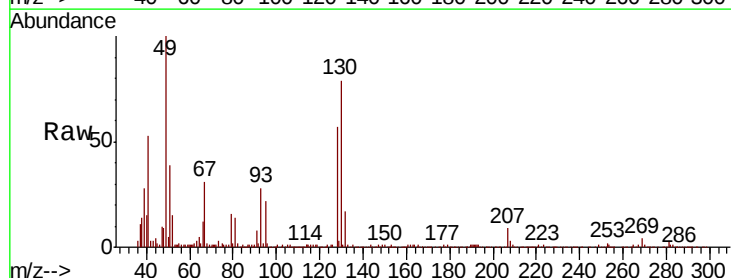
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



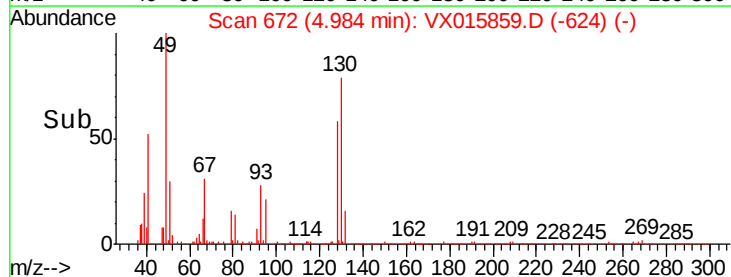
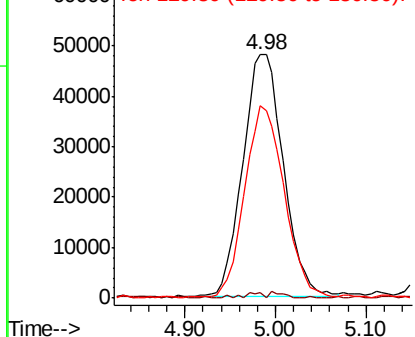
#28

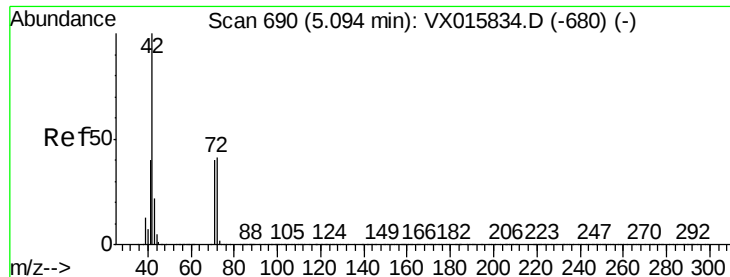
Bromochloromethane
Concen: 17.855 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.8
130	76.3	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 99.022 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

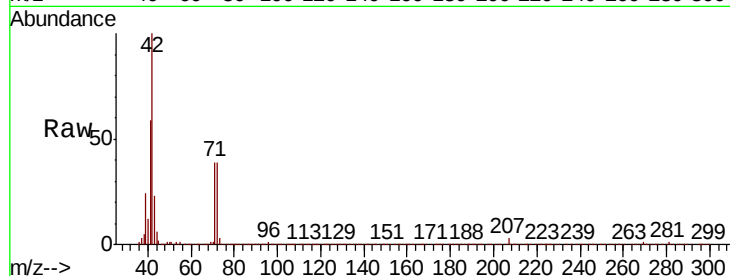
Tot Ion: 42 Resp: 464444

Ion Ratio Lower Upper

42 100

72 41.1 33.0 49.6

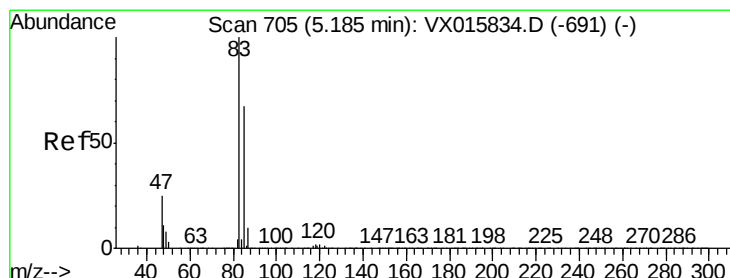
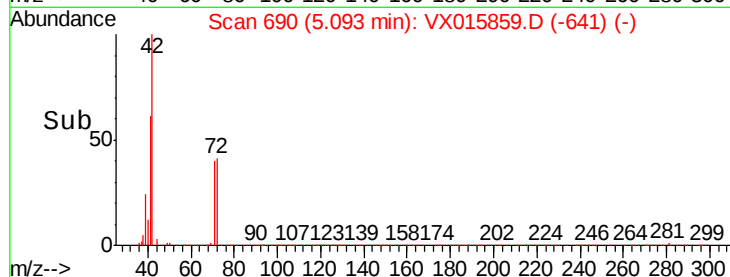
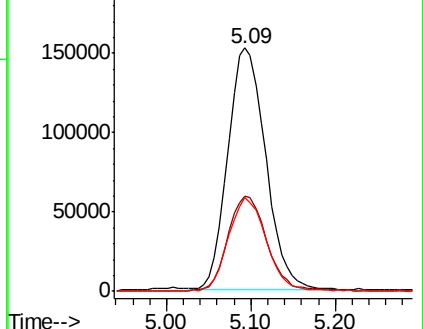
71 38.6 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.736 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015859.D

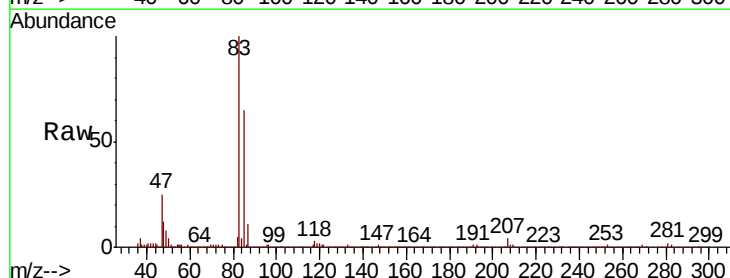
Acq: 22 Apr 2020 23:25

Tgt Ion: 83 Resp: 314536

Ion Ratio Lower Upper

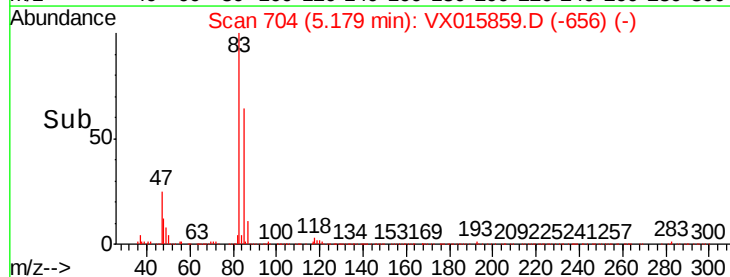
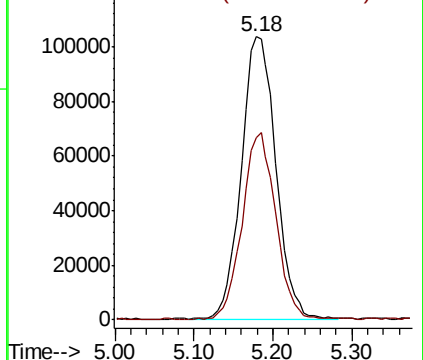
83 100

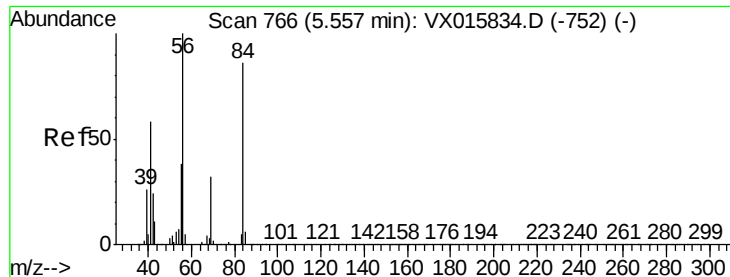
85 64.4 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

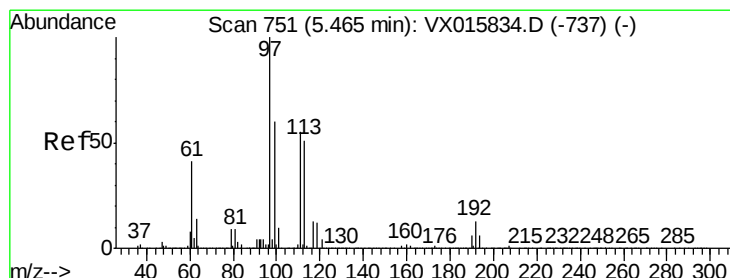
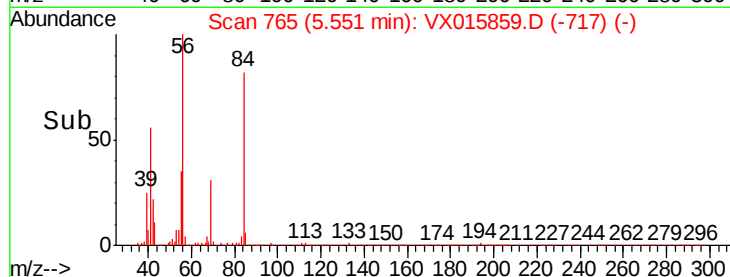
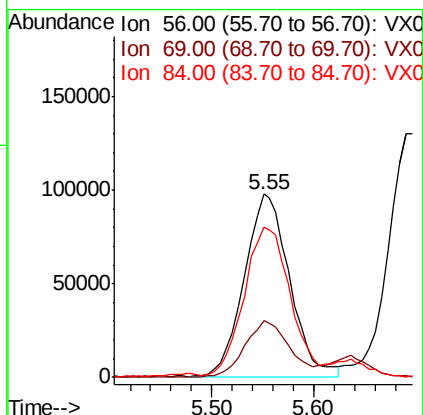
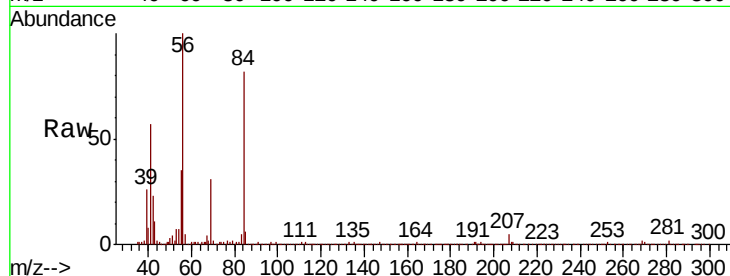




#31
Cyclohexane
Concen: 19.935 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

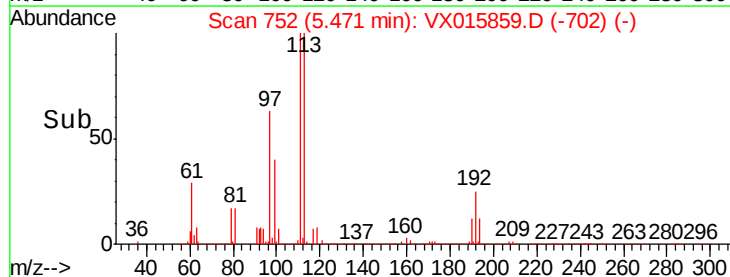
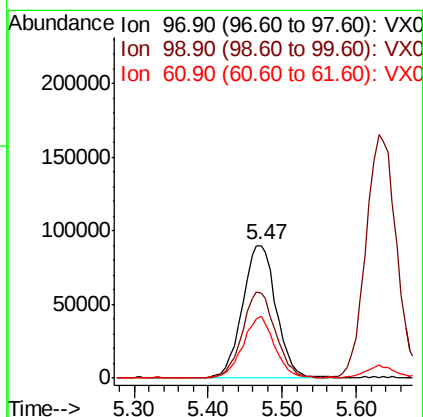
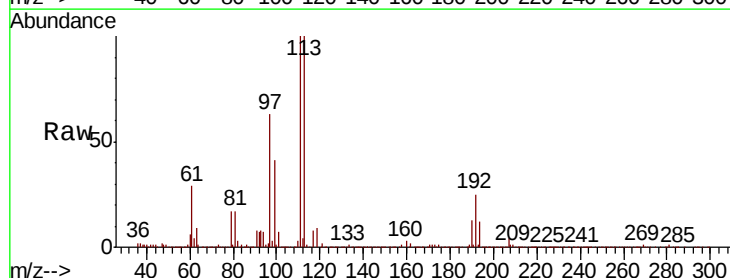
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

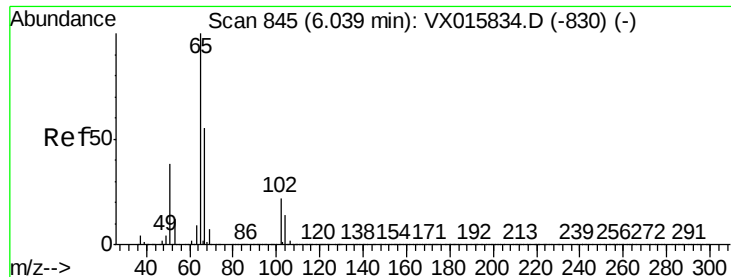
Tot Ion: 56 Resp: 300088
Ion Ratio Lower Upper
56 100
69 30.7 25.3 37.9
84 80.5 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 20.187 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 97 Resp: 286853
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 43.0 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 50.882 ug/l

RT: 6.04 min Scan# 845

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

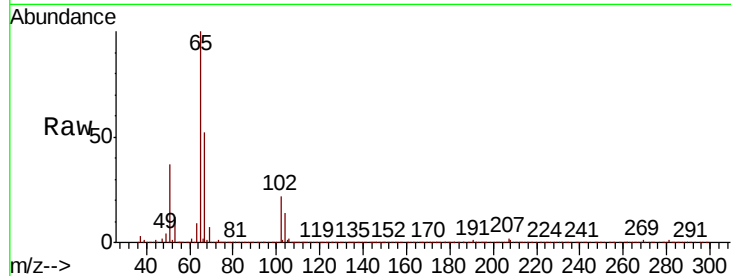
VX0422WBS02

Tot Ion: 65 Resp: 524262

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

150000

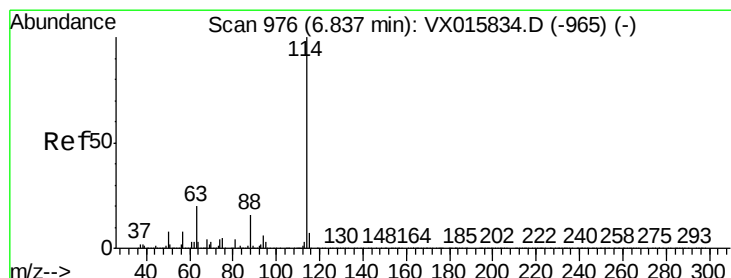
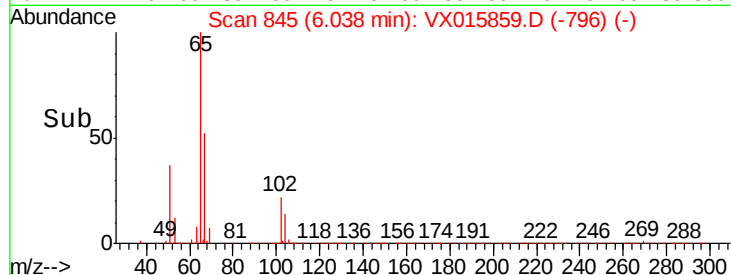
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

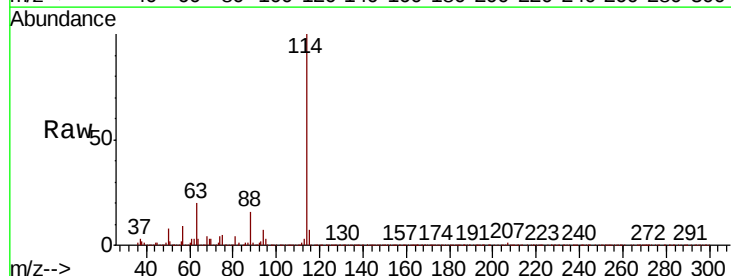
Tgt Ion: 114 Resp: 1400345

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

600000

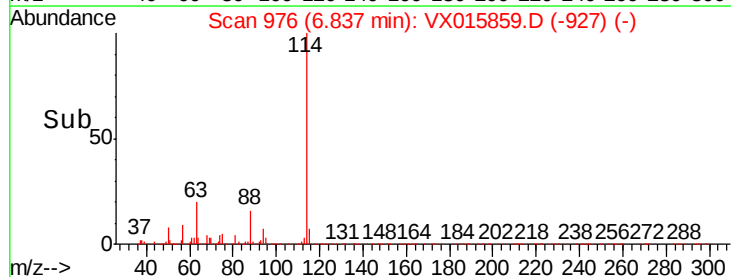
400000

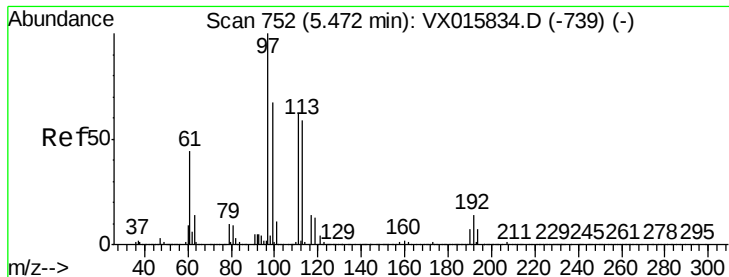
200000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.548 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

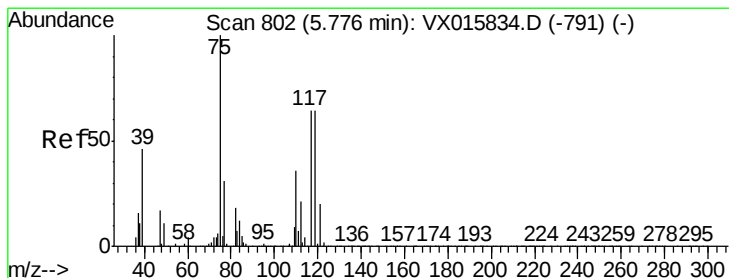
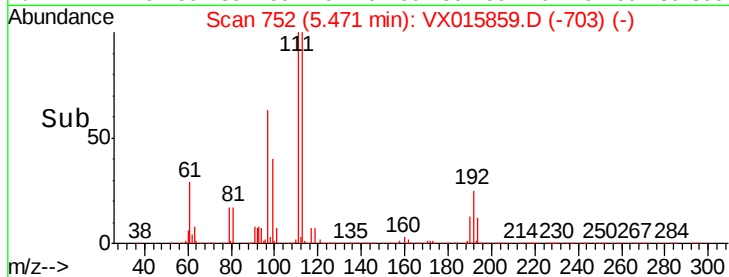
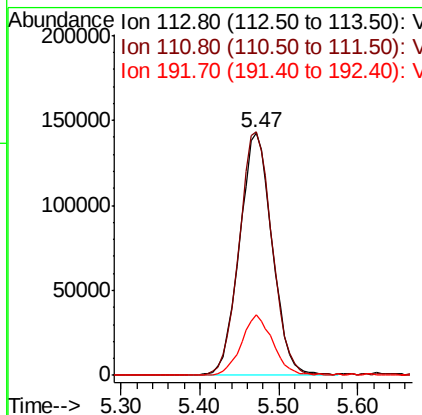
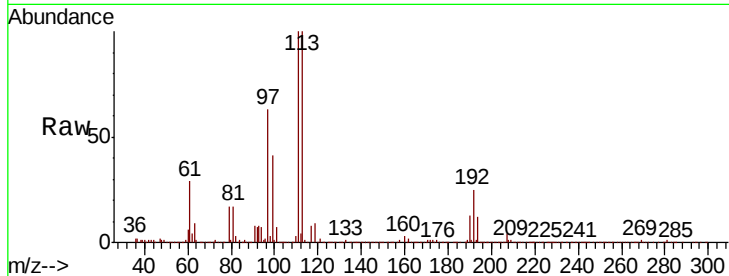
Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion:	113	Resp:	408587
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.7	124.1
192	23.5	19.3	28.9



#36

1,1-Dichloropropene

Concen: 19.341 ug/l

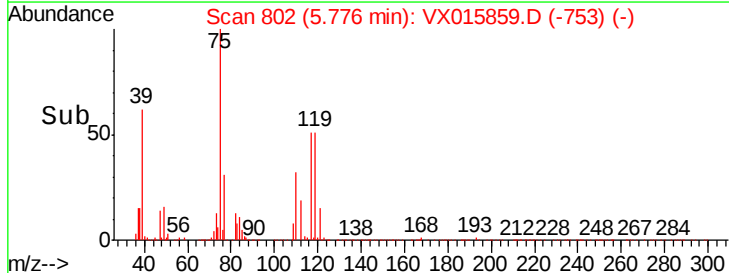
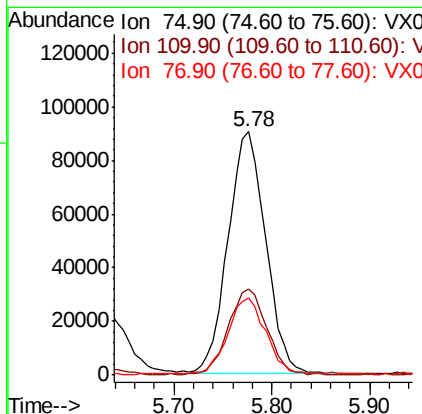
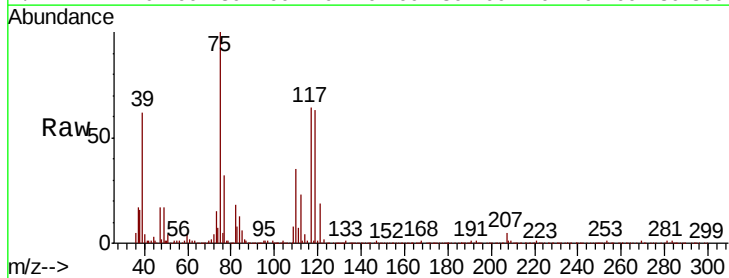
RT: 5.78 min Scan# 802

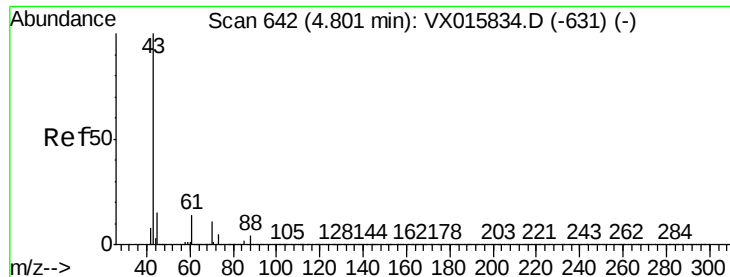
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion:	75	Resp:	240107
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.9	53.8
77	31.5	24.5	36.7

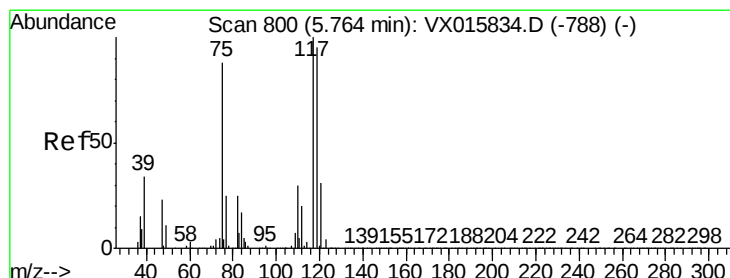
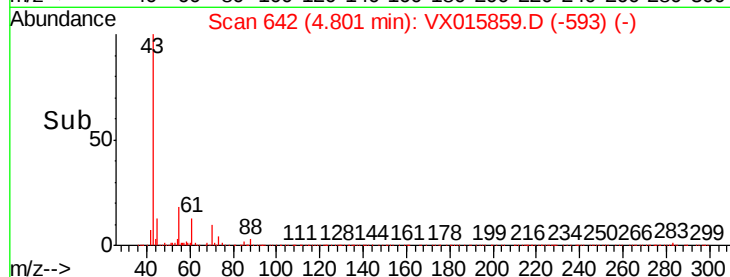
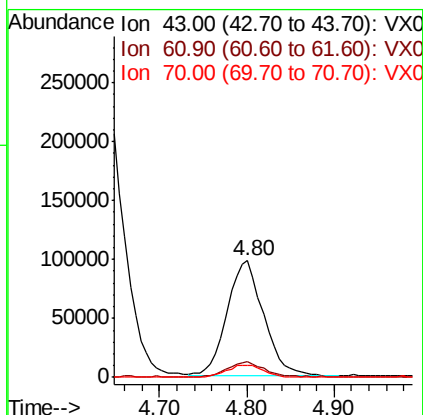
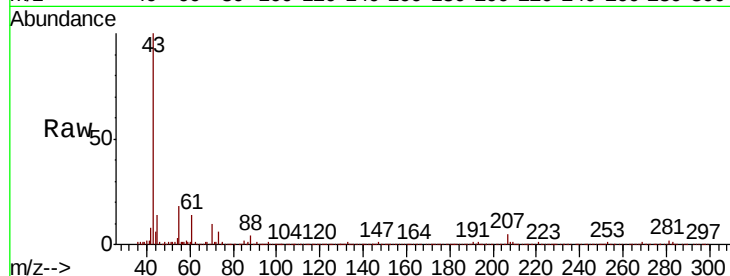




#37
Ethyl Acetate
Concen: 19.063 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

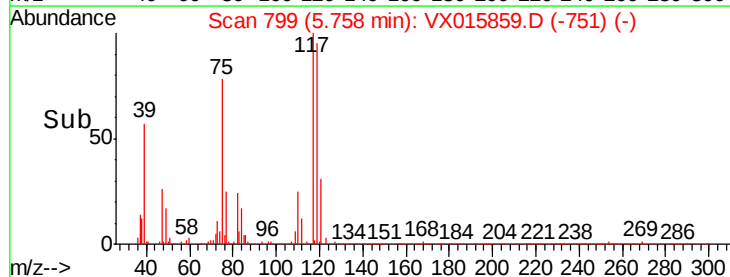
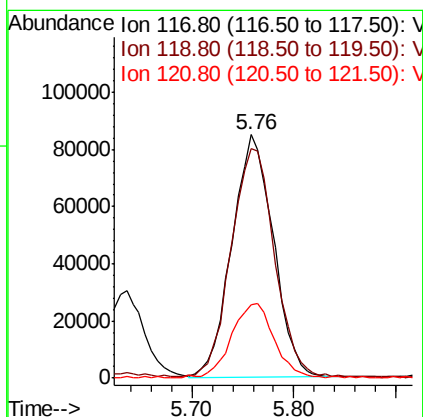
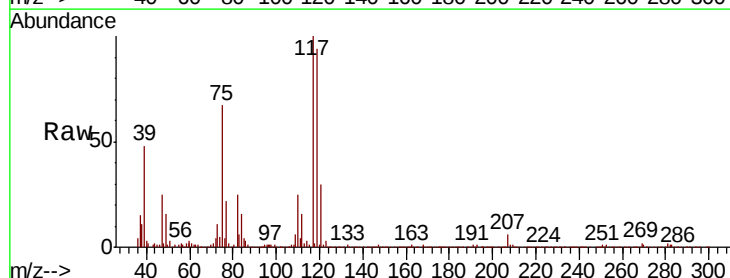
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

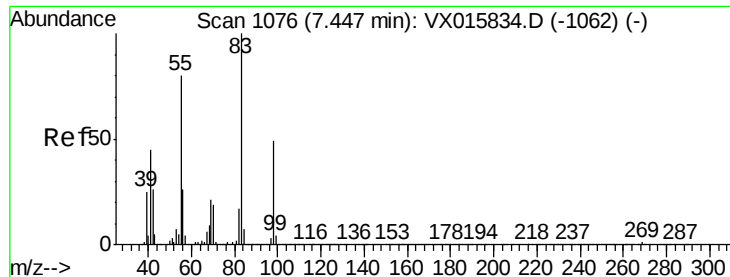
Tot Ion: 43 Resp: 281648
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 10.8 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.599 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 117 Resp: 239660
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5
121 29.3 25.0 37.6

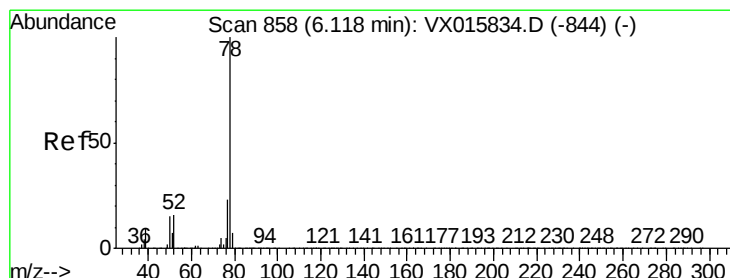
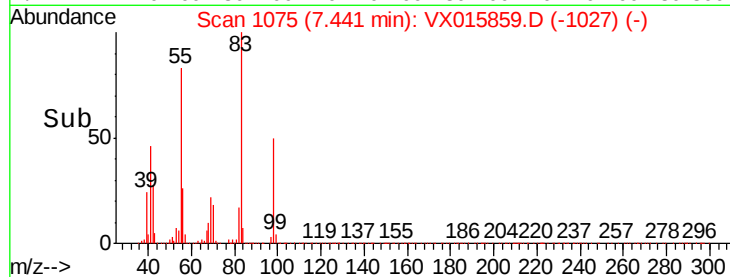
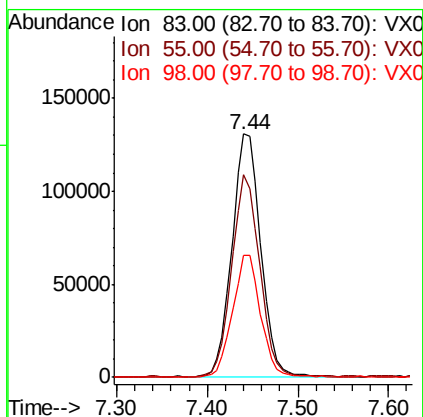
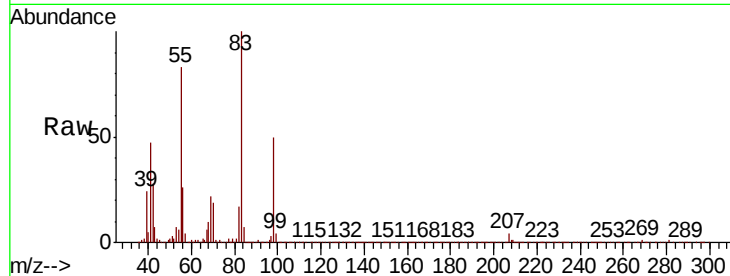




#39
Methvlcvclohexane
Concen: 18.319 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

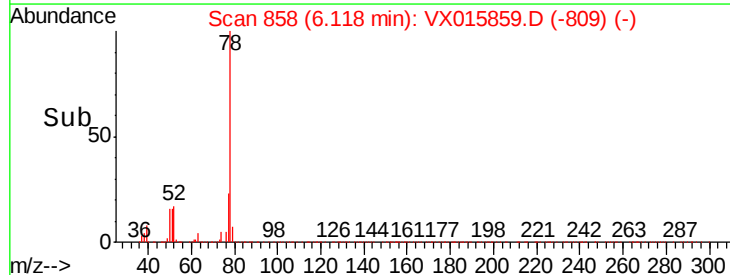
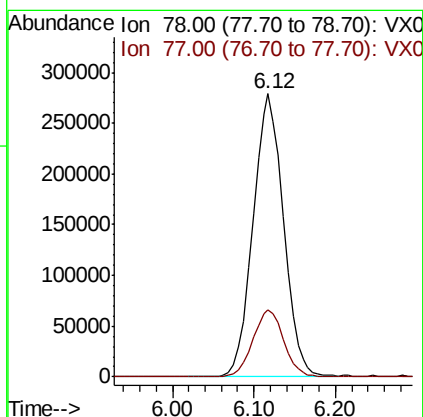
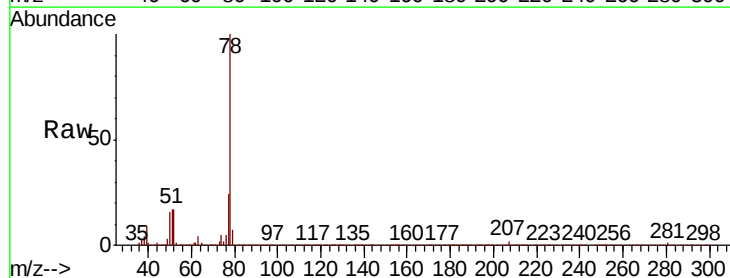
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

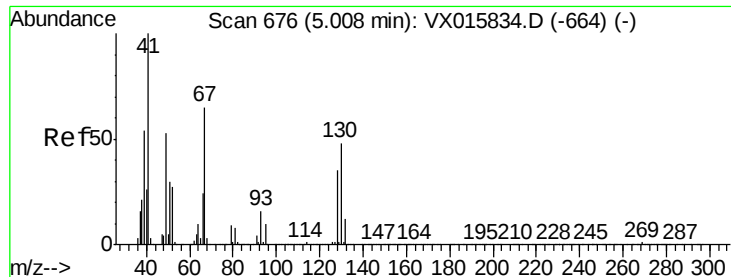
Tot Ion	83.00	Resp	287990
Ion	Ratio	Lower	Upper
83	100		
55	83.3	64.2	96.4
98	49.8	39.3	58.9



#40
Benzene
Concen: 19.364 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	78.00	Resp	724020
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8

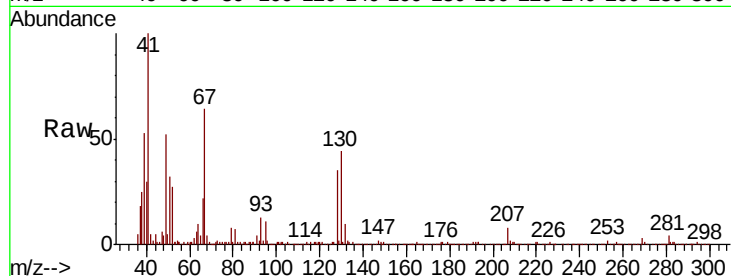




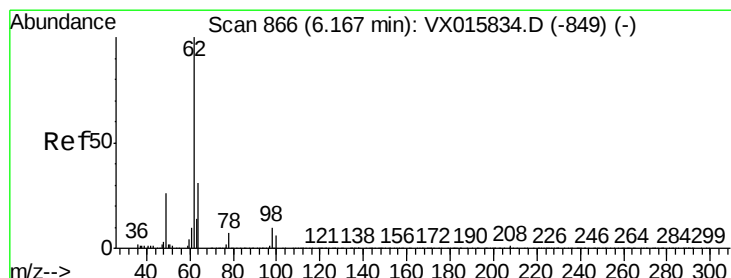
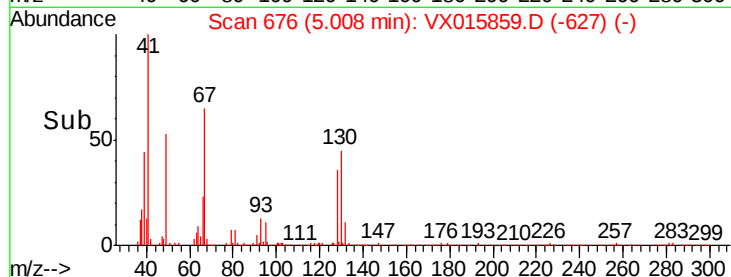
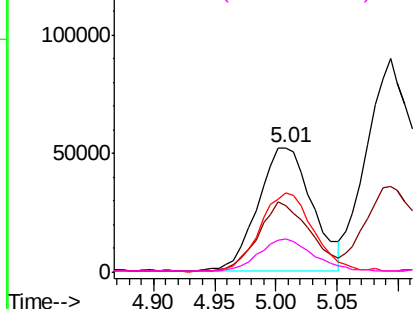
#41
Methacrylonitrile
Concen: 19.547 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS02

Tot Ion:	41	Resp:	160478
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.4	63.6
67	65.7	51.9	77.9
52	26.1	21.0	31.4

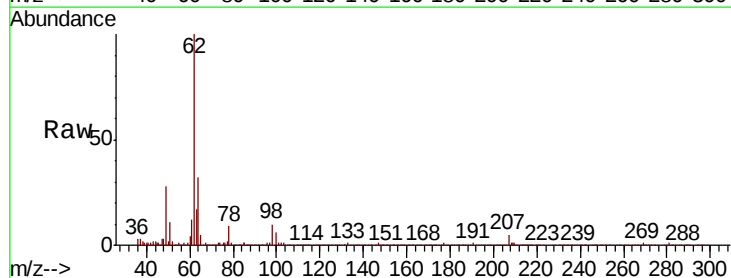


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

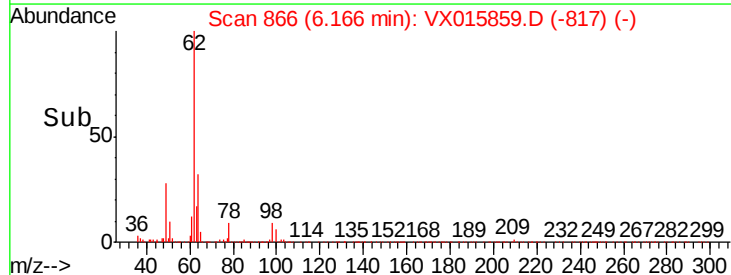
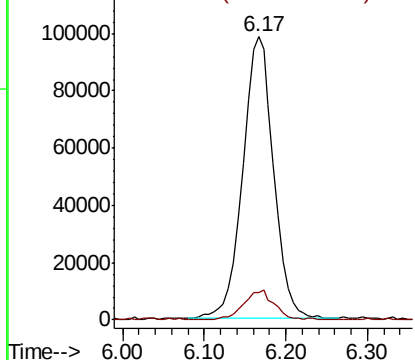


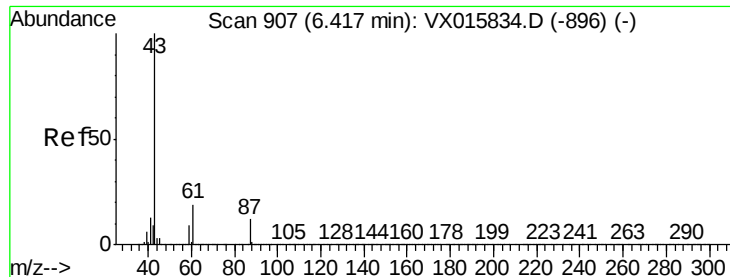
#42
1,2-Dichloroethane
Concen: 19.197 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion:	62	Resp:	258464
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0



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



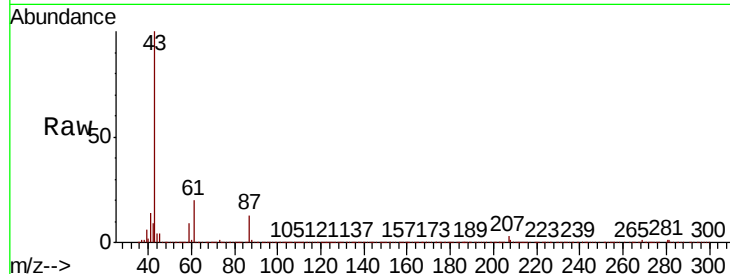


#43

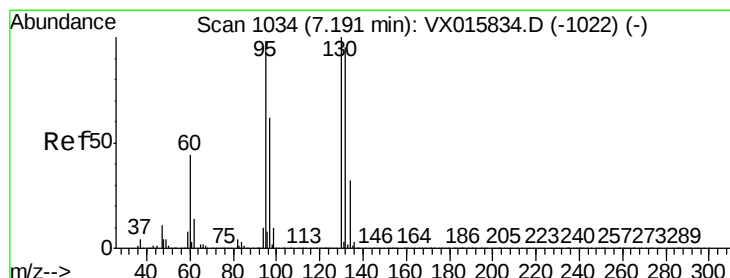
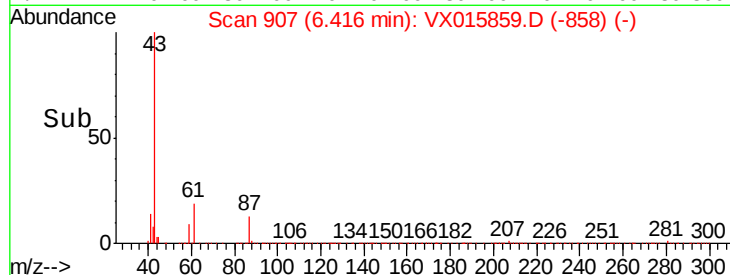
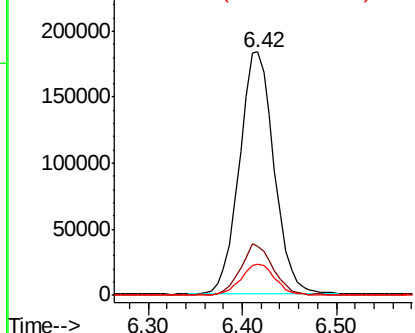
Isopropyl Acetate
 Concen: 18.957 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.2
87	12.4	9.8	14.6



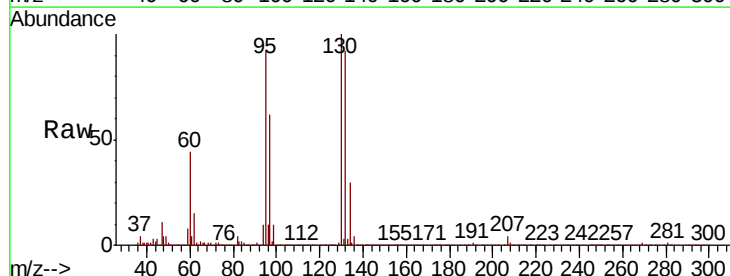
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



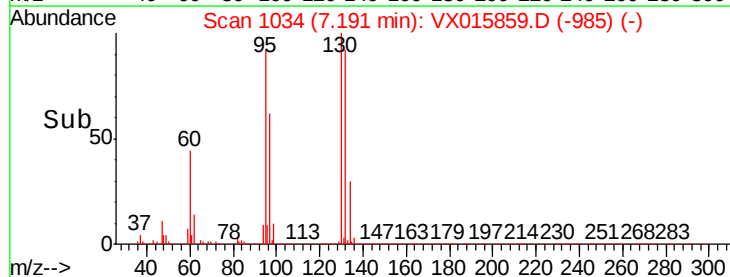
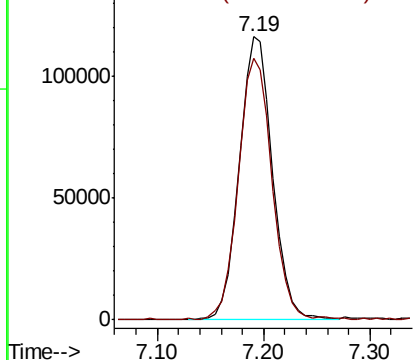
#44

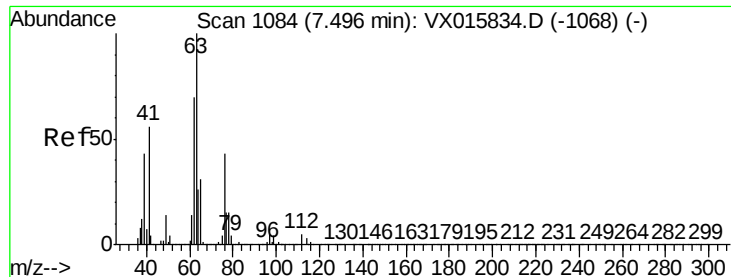
Trichloroethene
 Concen: 19.364 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	195.8



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





#45

1,2-Dichloropropane

Concen: 19.955 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

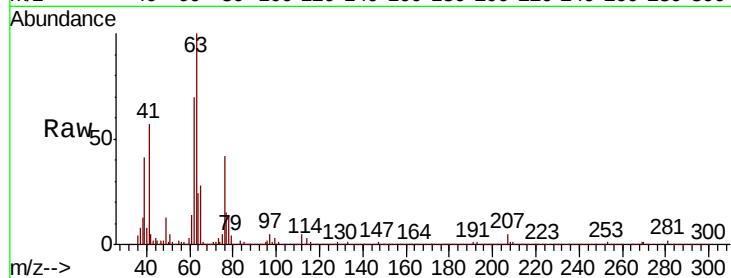
VX0422WBS02

Tot Ion: 63 Resp: 195537

Ion Ratio Lower Upper

63 100

65 28.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

100000

80000

60000

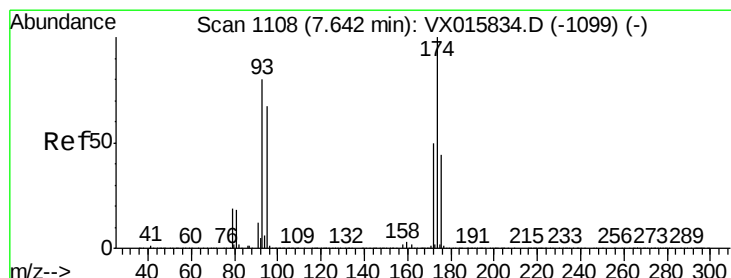
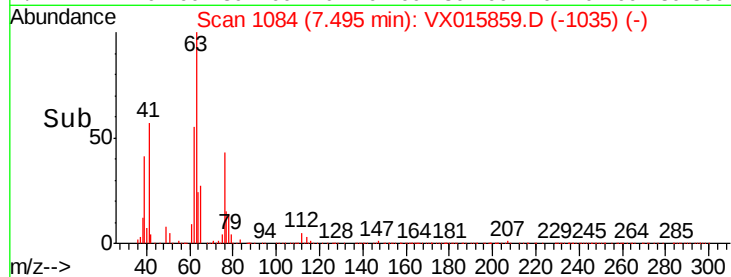
40000

20000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.149 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

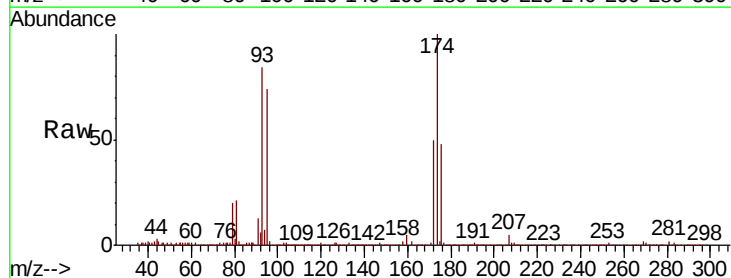
Tgt Ion: 93 Resp: 136972

Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 113.9 95.6 143.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

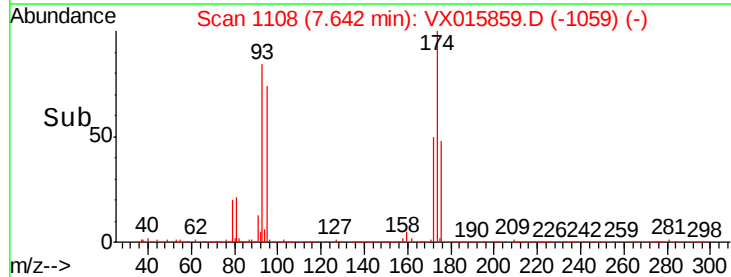
40000

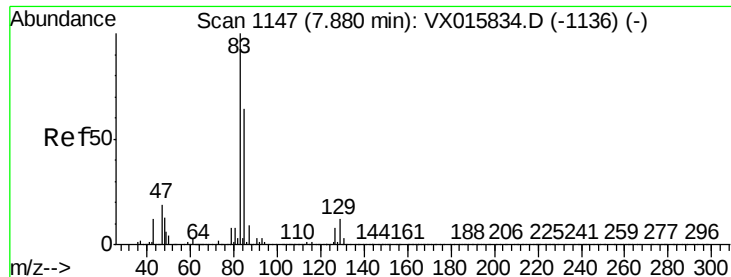
20000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 19.439 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

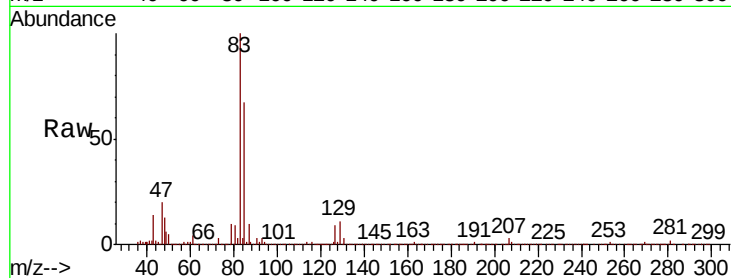
Tot Ion: 83 Resp: 247361

Ion Ratio Lower Upper

83 100

85 66.6 50.8 76.2

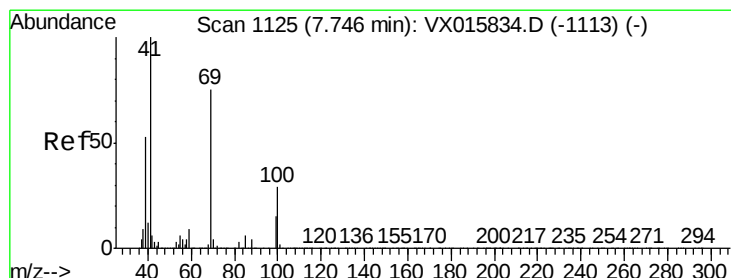
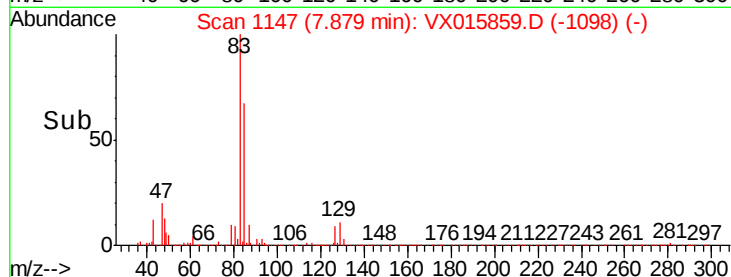
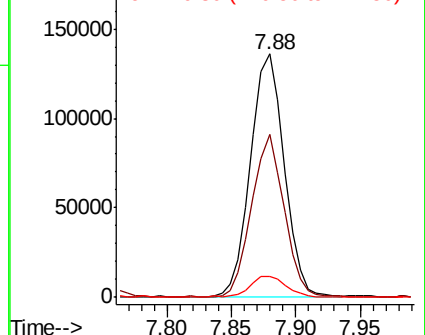
127 8.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.476 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

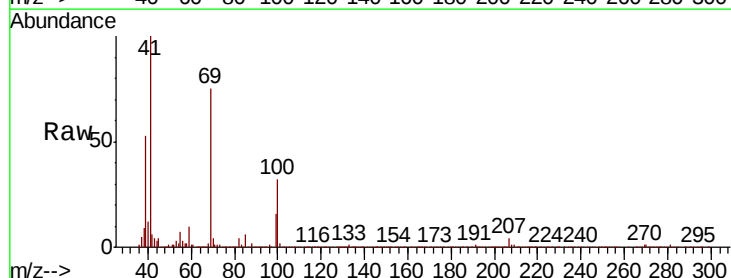
Tgt Ion: 41 Resp: 238756

Ion Ratio Lower Upper

41 100

69 74.5 60.5 90.7

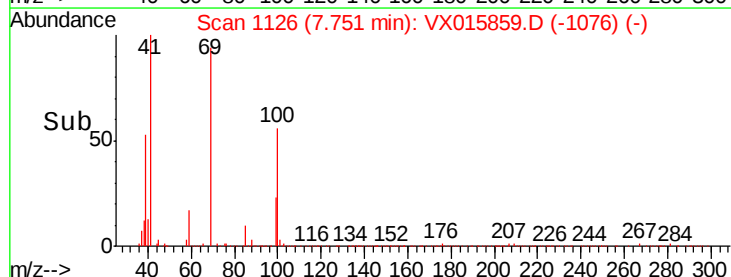
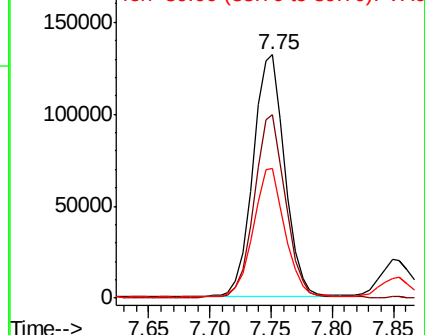
39 52.9 42.1 63.1

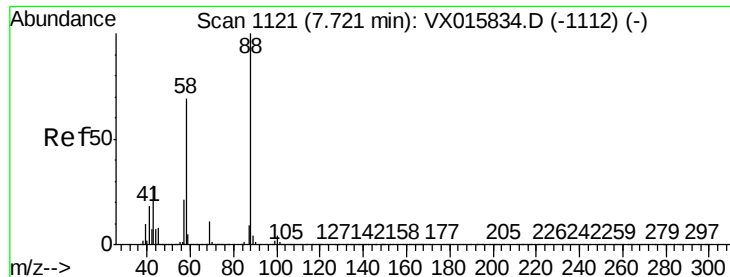


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 345.207 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

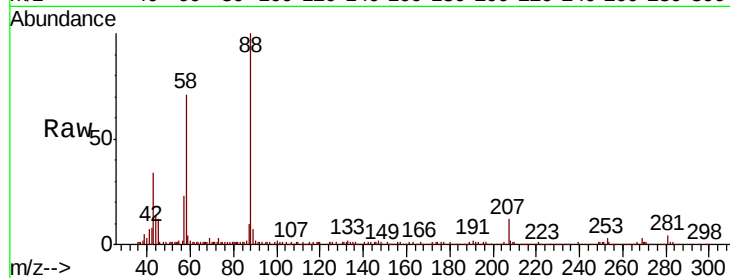
Tot Ion: 88 Resp: 79980

Ion Ratio Lower Upper

88 100

43 36.6 28.2 42.4

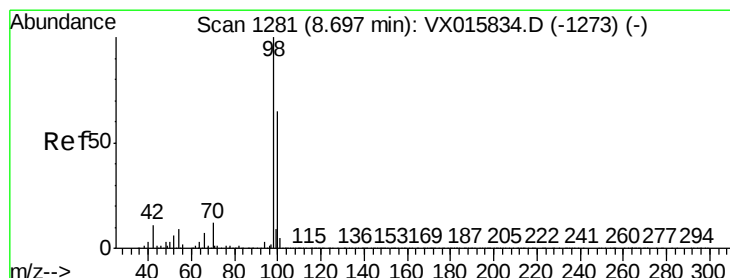
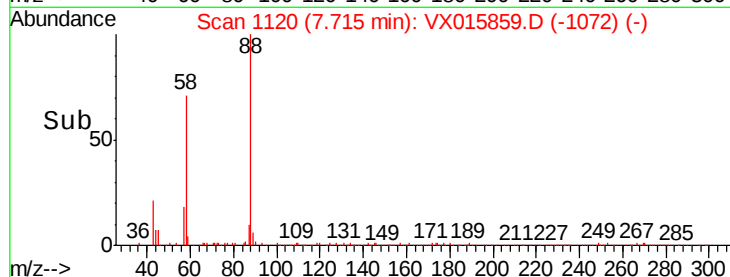
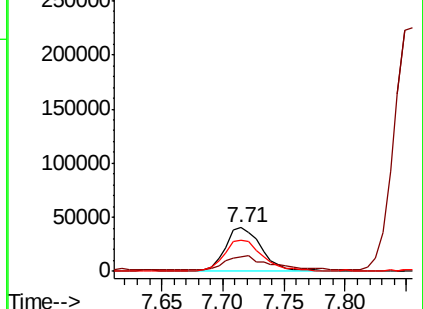
58 75.1 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.721 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015859.D

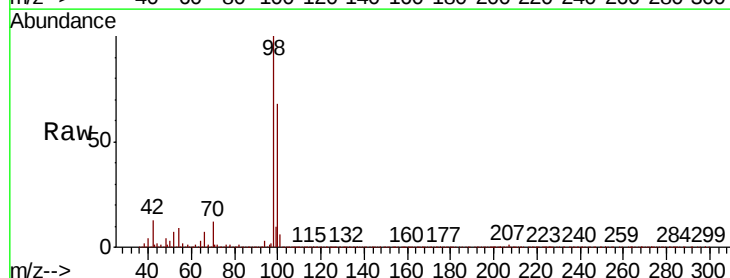
Acq: 22 Apr 2020 23:25

Tgt Ion: 98 Resp: 1617902

Ion Ratio Lower Upper

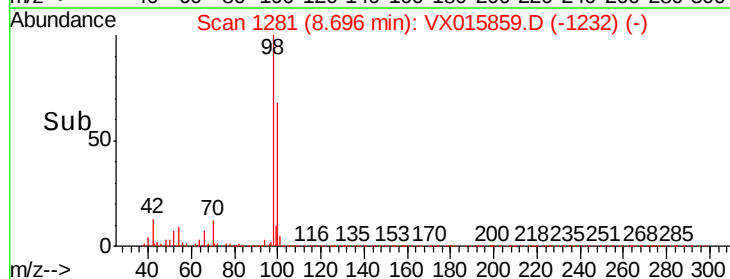
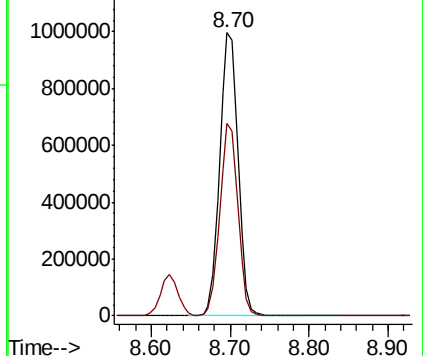
98 100

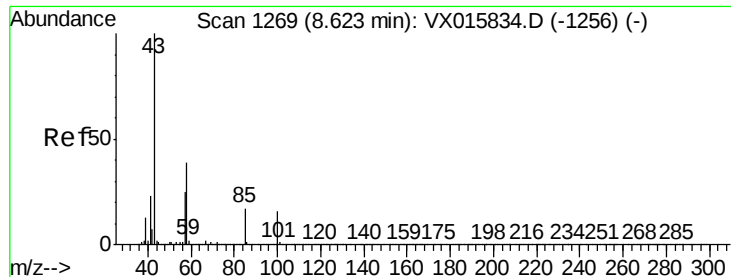
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.381 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

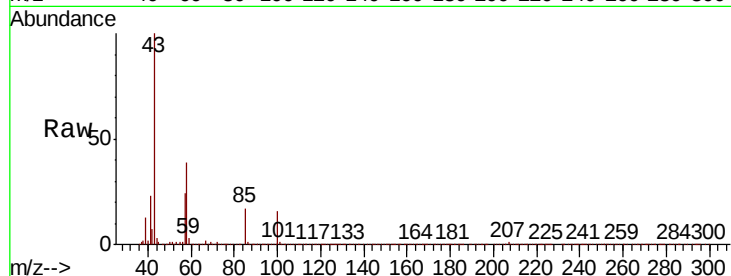
VX0422WBS02

Tot Ion: 43 Resp: 1415257

Ion Ratio Lower Upper

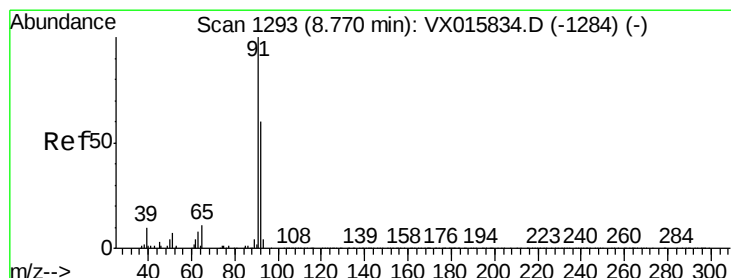
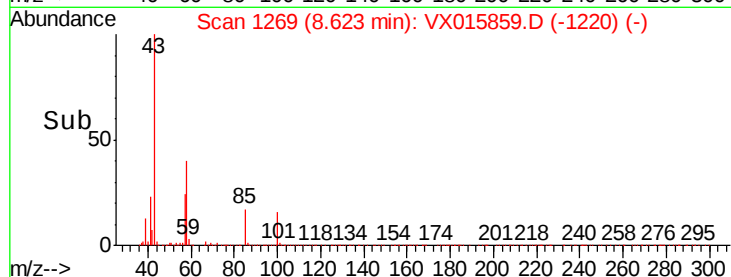
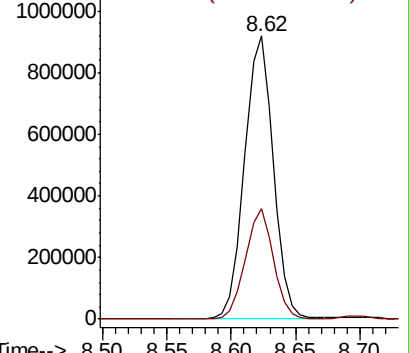
43 100

58 37.9 30.6 45.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.279 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015859.D

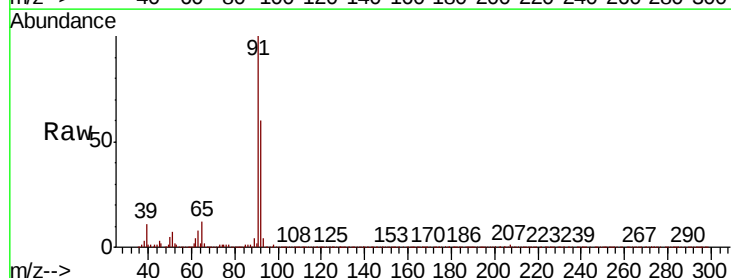
Acq: 22 Apr 2020 23:25

Tgt Ion: 92 Resp: 462053

Ion Ratio Lower Upper

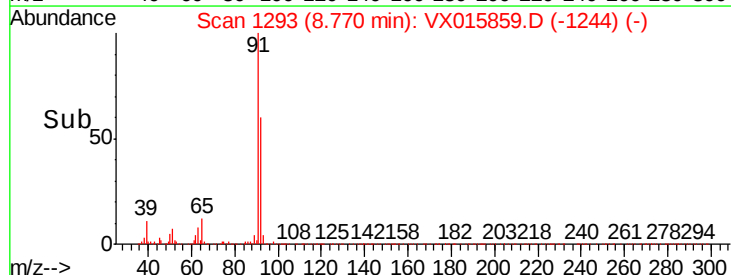
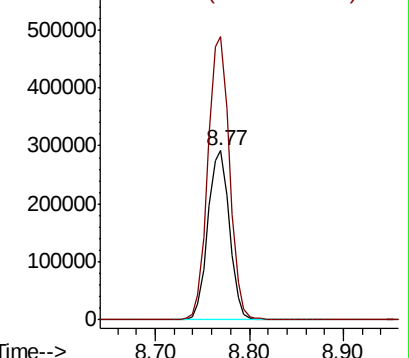
92 100

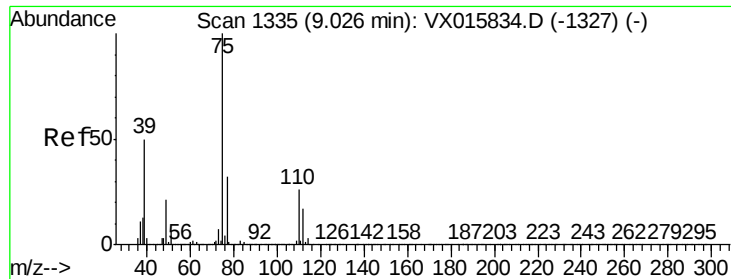
91 167.6 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

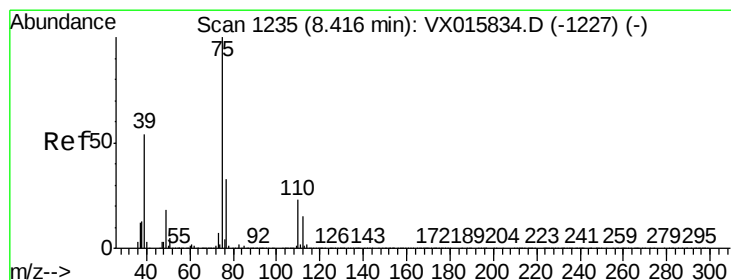
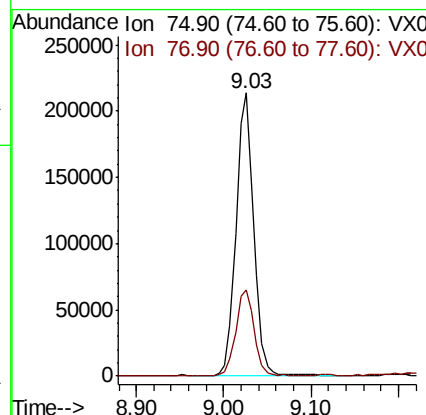
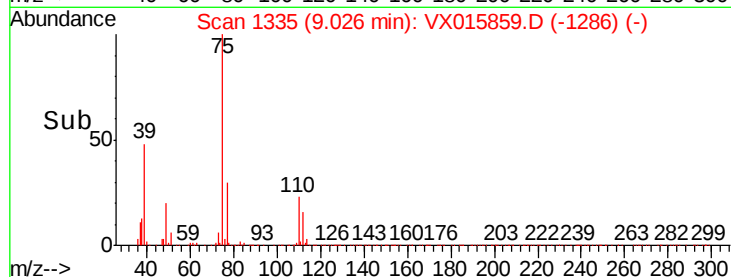
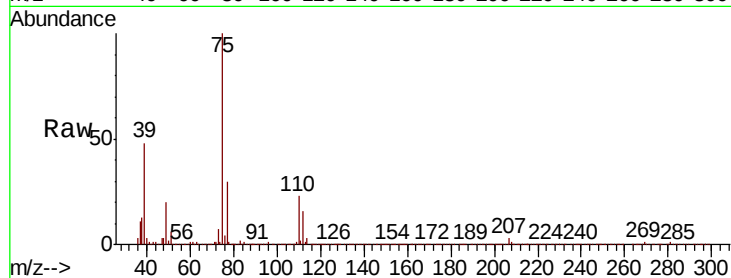




#53
t-1,3-Dichloropropene
Concen: 19.051 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

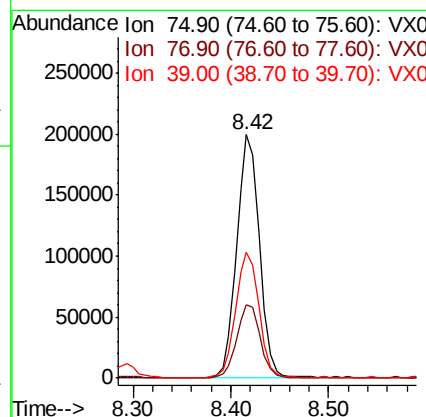
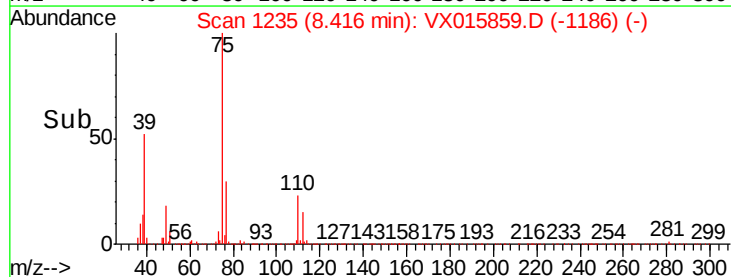
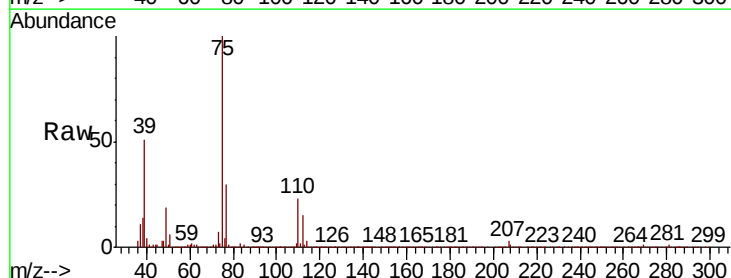
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

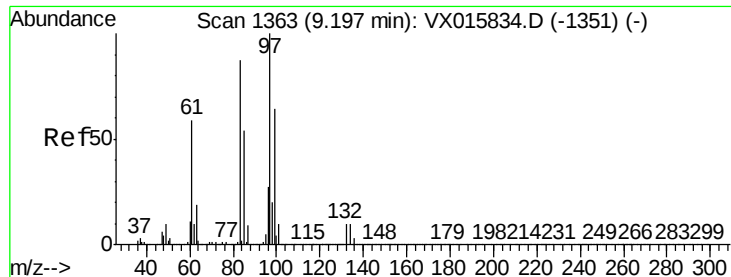
Tot Ion: 75 Resp: 300789
Ion Ratio Lower Upper
75 100
77 30.2 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 75 Resp: 320818
Ion Ratio Lower Upper
75 100
77 30.3 26.0 39.0
39 51.3 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 19.942 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

Tot Ion: 97 Resp: 186627

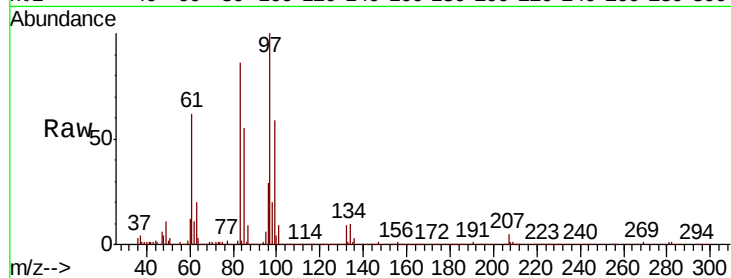
Ion Ratio Lower Upper

97 100

83 85.8 69.8 104.8

85 55.3 43.4 65.2

99 58.8 51.2 76.8

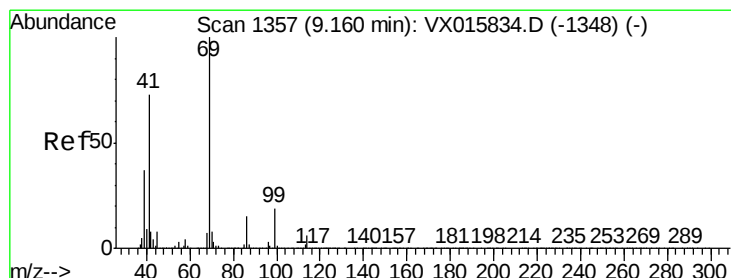
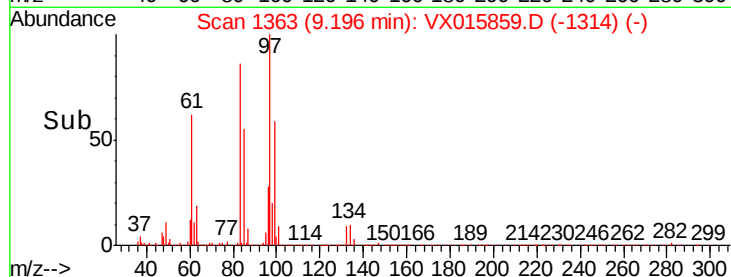
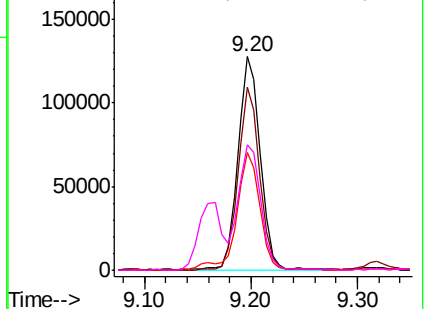


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.950 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

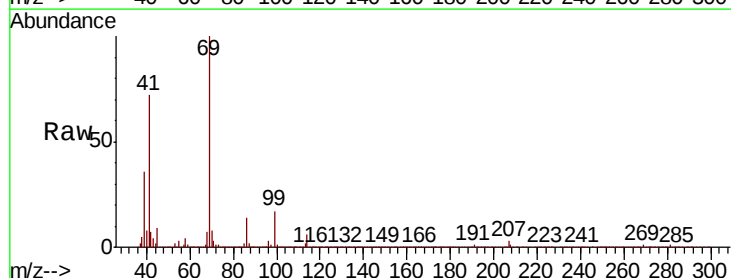
Tgt Ion: 69 Resp: 300391

Ion Ratio Lower Upper

69 100

41 73.4 57.4 86.2

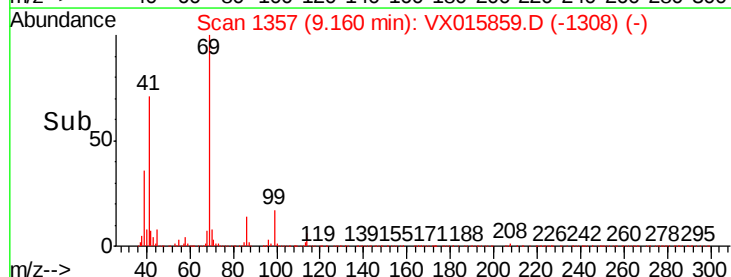
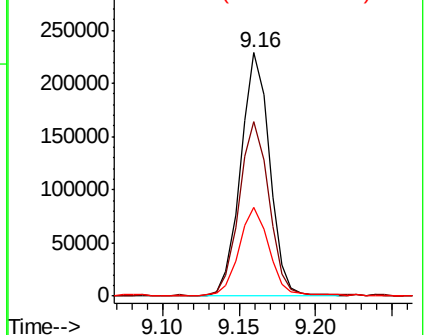
39 37.6 29.7 44.5

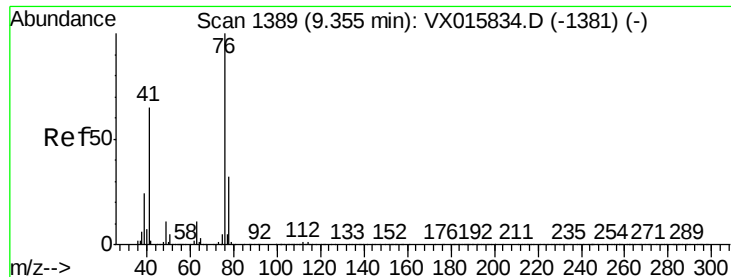


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.687 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

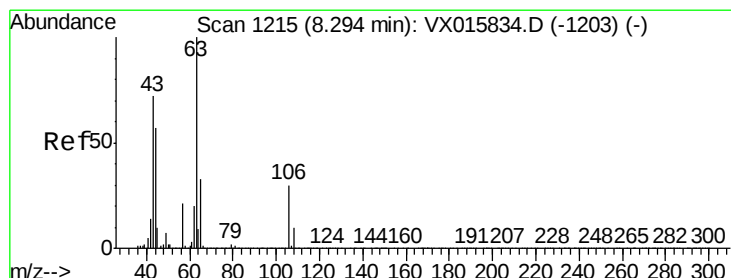
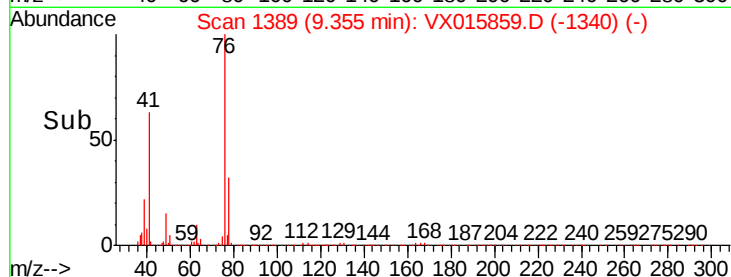
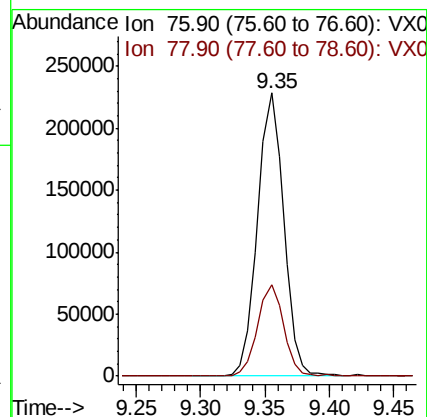
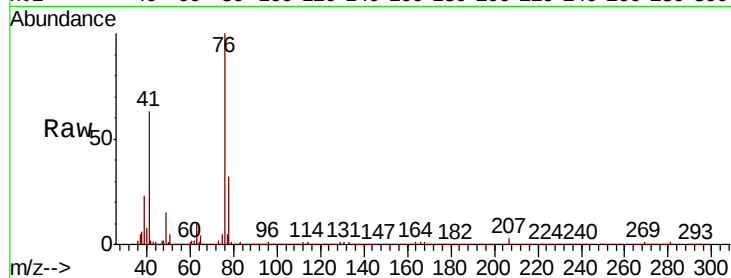
VX0422WBS02

Tot Ion: 76 Resp: 320149

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.713 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015859.D

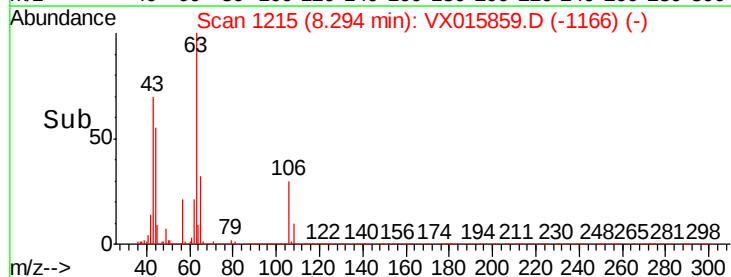
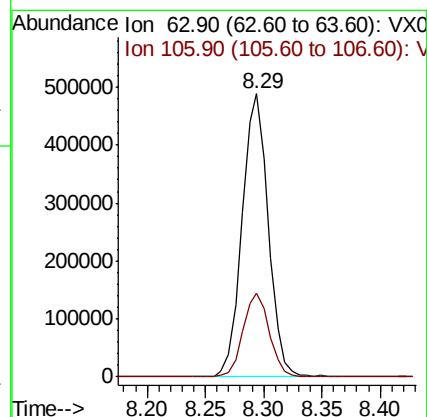
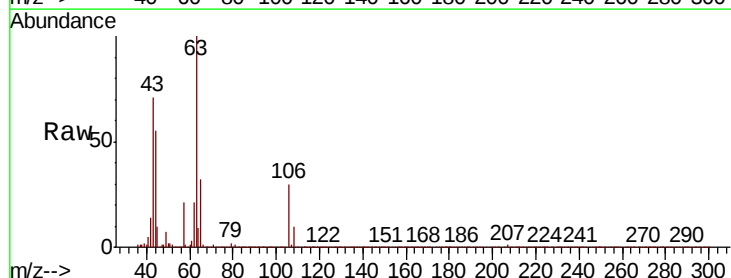
Acq: 22 Apr 2020 23:25

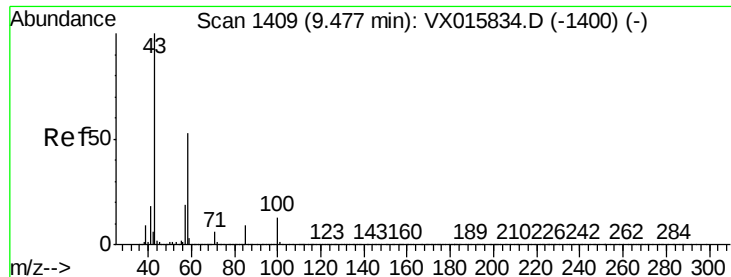
Tgt Ion: 63 Resp: 765842

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.8

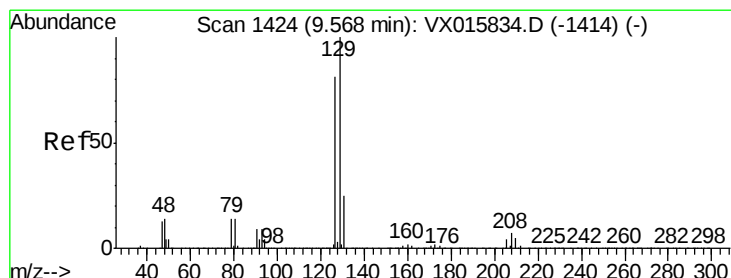
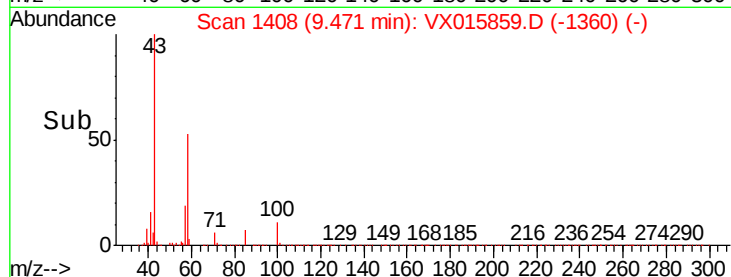
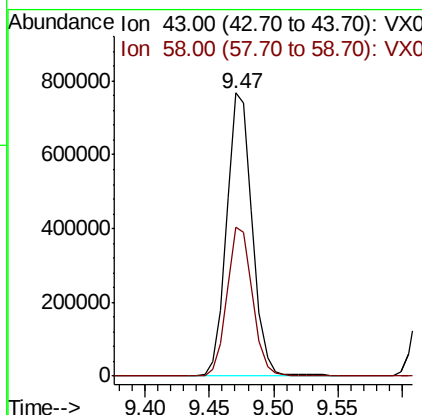
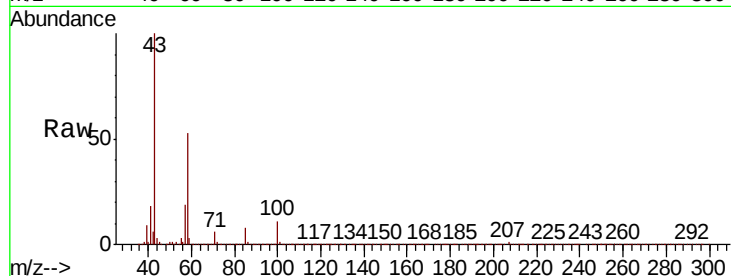




#59
2-Hexanone
Concen: 97.184 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

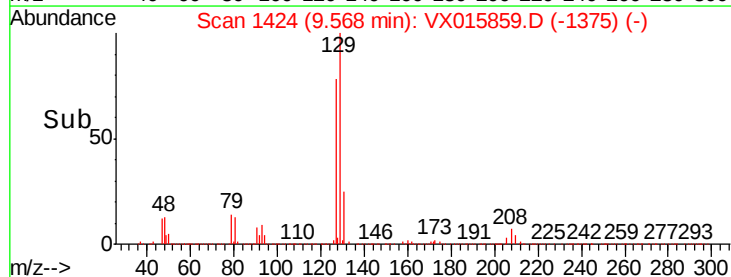
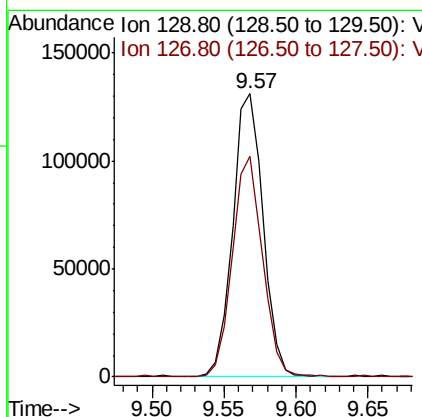
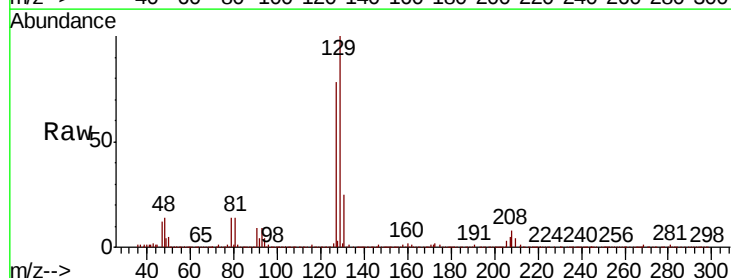
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

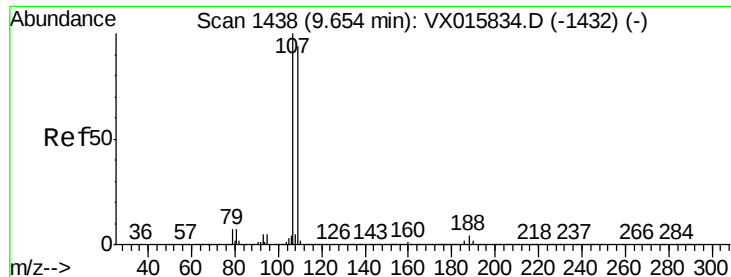
Tot Ion: 43 Resp: 1065039
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.4



#60
Dibromochloromethane
Concen: 19.957 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion: 129 Resp: 192875
Ion Ratio Lower Upper
129 100
127 77.6 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.016 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

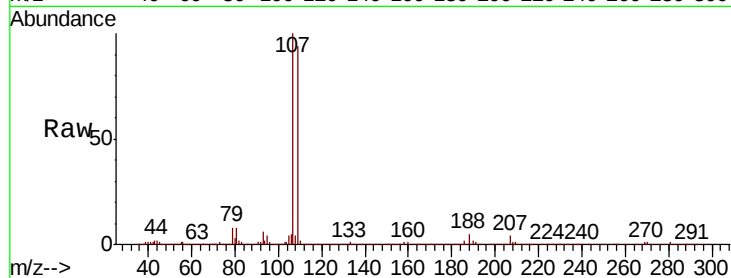
VX0422WBS02

Tot Ion:107 Resp: 196682

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

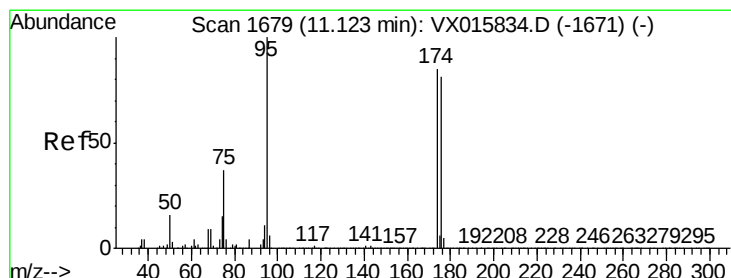
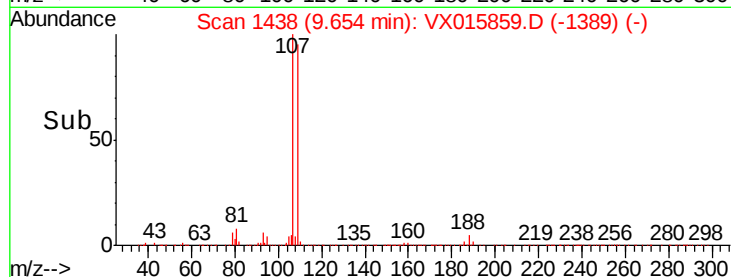
100000

50000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.334 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

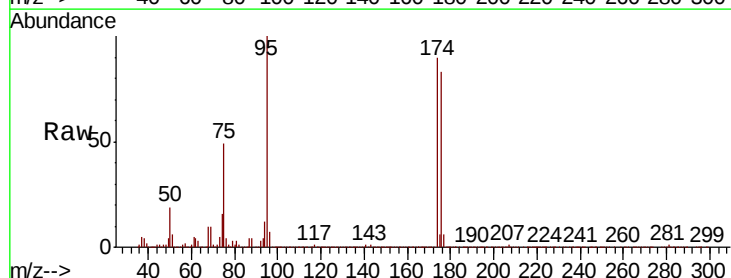
Tgt Ion: 95 Resp: 618500

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.4

176 83.9 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

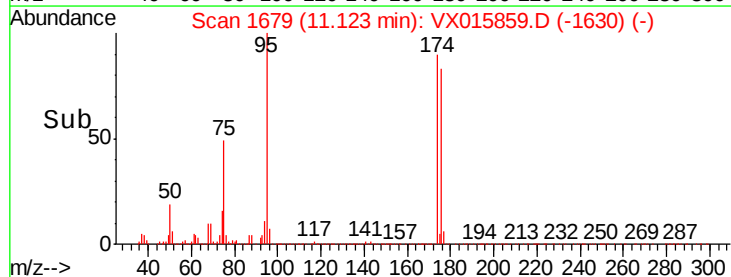
400000

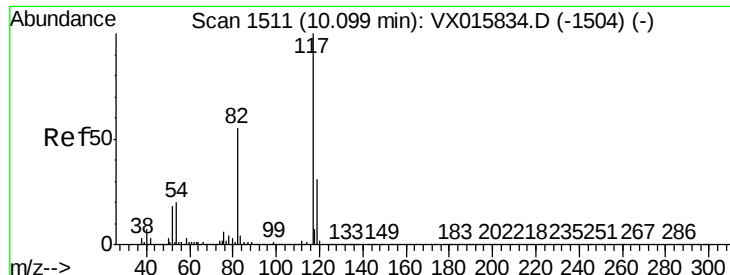
200000

0

11.05 11.10 11.15 11.20

Time-->

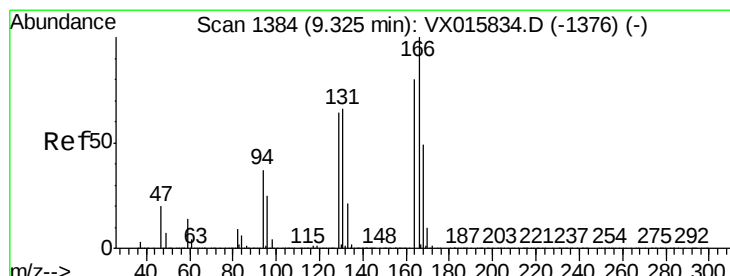
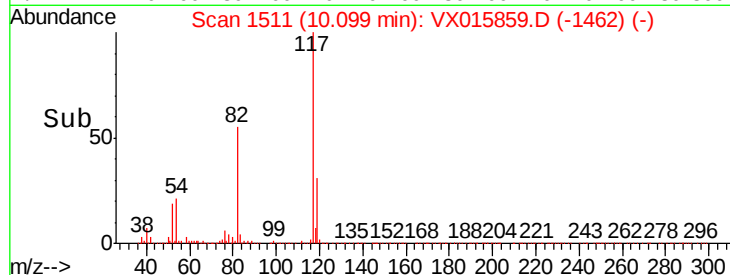
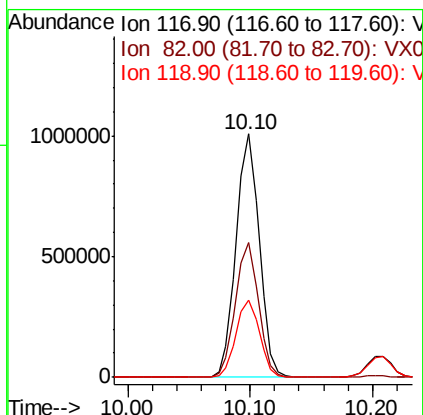
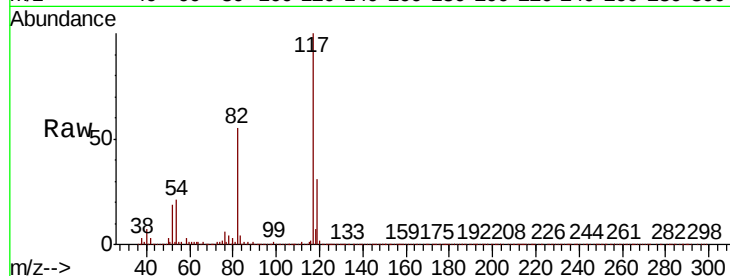




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

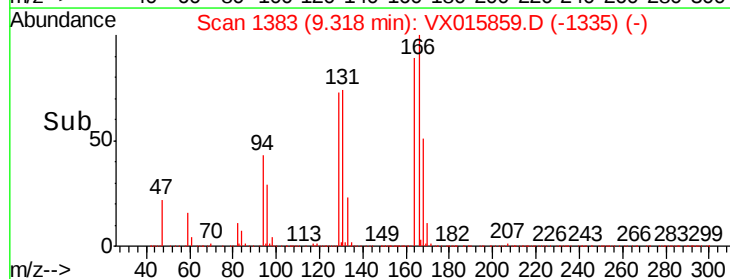
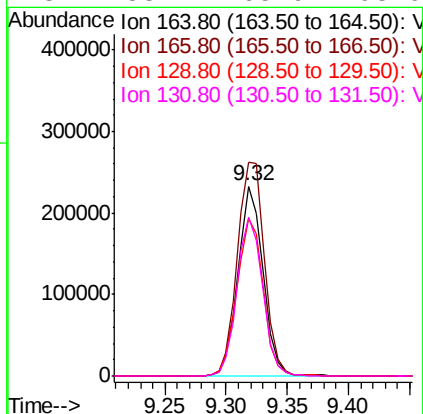
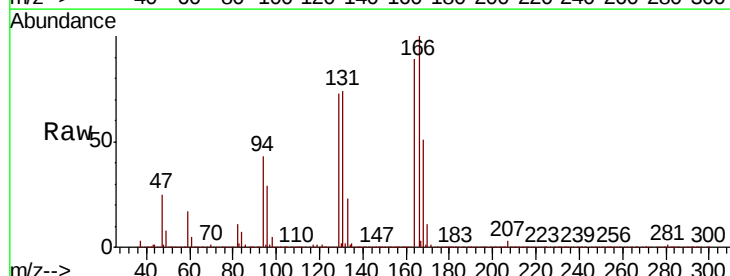
Instrument :
MSVOA_X
ClientSampled :
VX0422WBS02

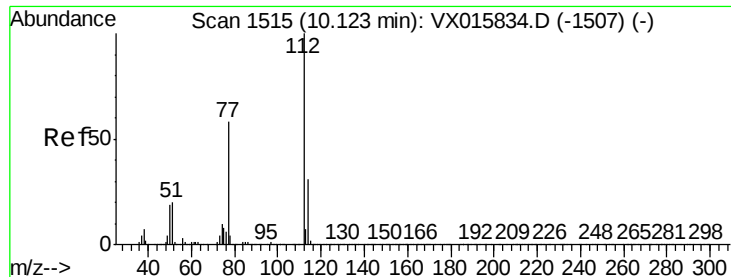
Tot Ion:117 Resp: 1322962
Ion Ratio Lower Upper
117 100
82 55.1 43.9 65.9
119 31.4 25.1 37.7



#64
Tetrachloroethene
Concen: 18.315 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion:164 Resp: 326599
Ion Ratio Lower Upper
164 100
166 112.6 100.2 150.2
129 82.6 64.5 96.7
131 83.7 65.9 98.9

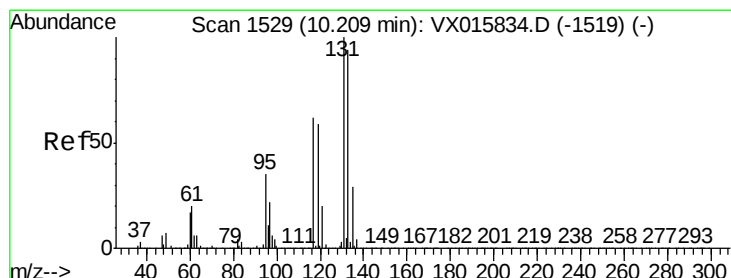
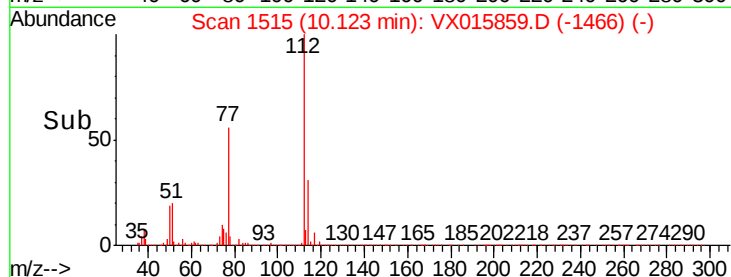
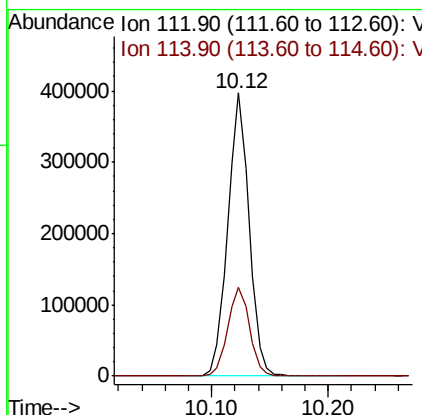
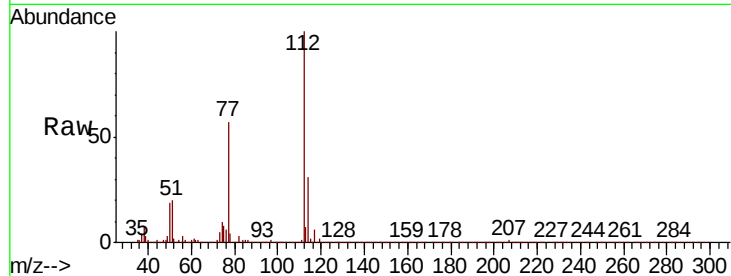




#65
Chlorobenzene
Concen: 19.038 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

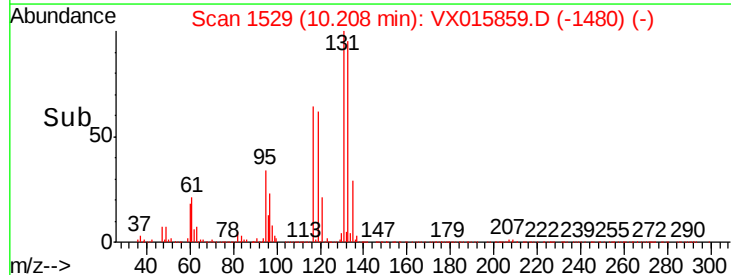
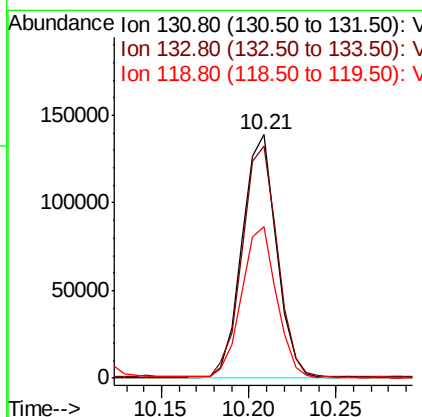
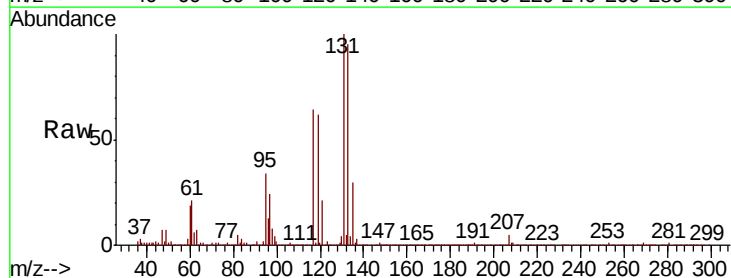
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

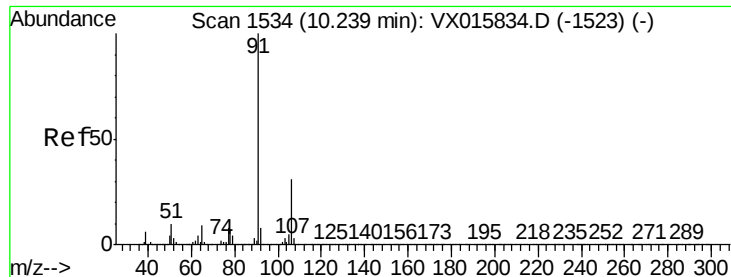
Tot Ion:112 Resp: 503654
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.175 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion:131 Resp: 189618
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.2
119 62.6 30.9 92.8





#67

Ethyl Benzene

Concen: 19.374 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

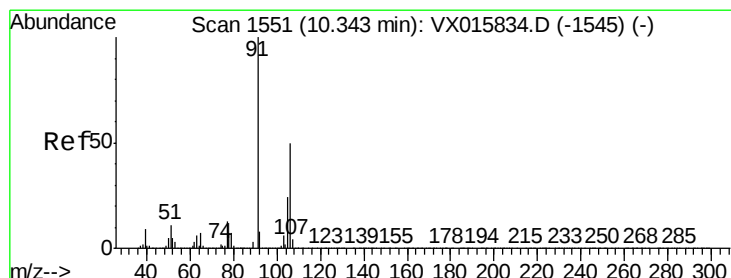
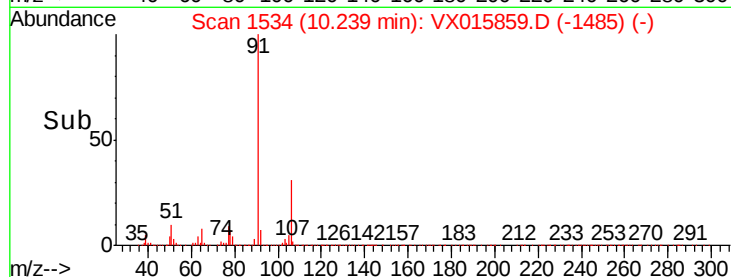
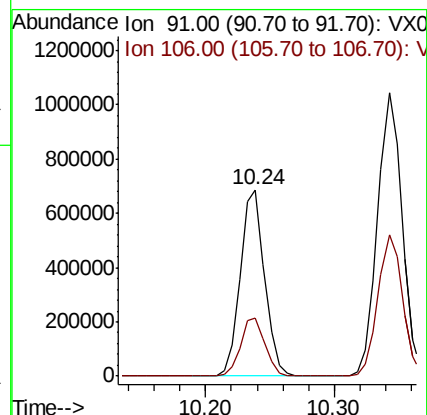
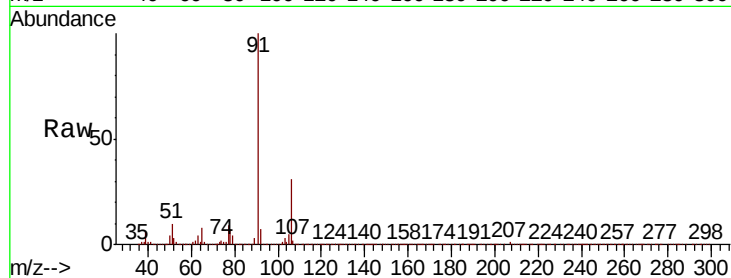
VX0422WBS02

Tot Ion: 91 Resp: 900039

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 39.226 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015859.D

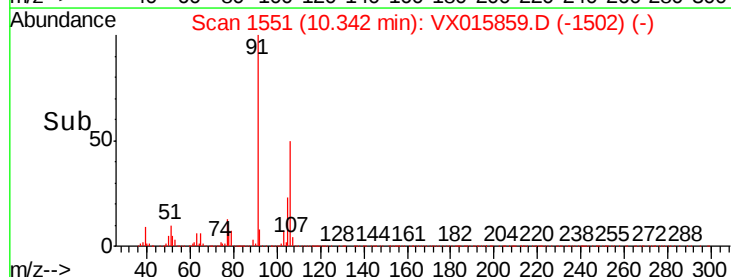
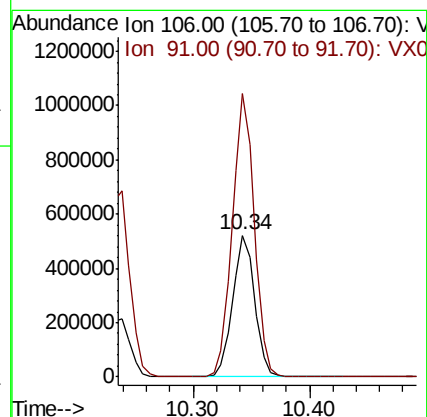
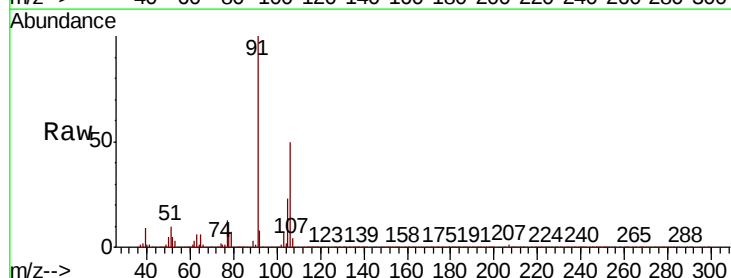
Acq: 22 Apr 2020 23:25

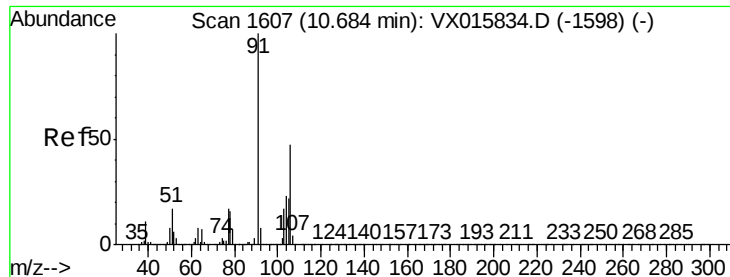
Tgt Ion: 106 Resp: 684017

Ion Ratio Lower Upper

106 100

91 199.9 161.1 241.7

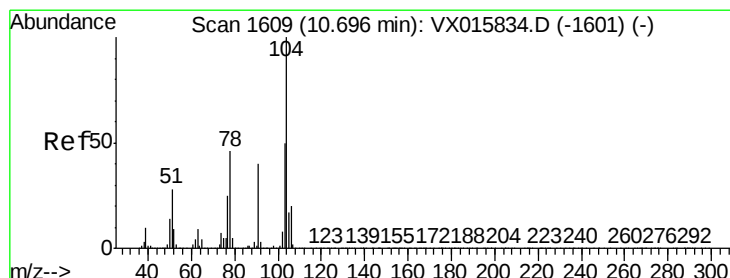
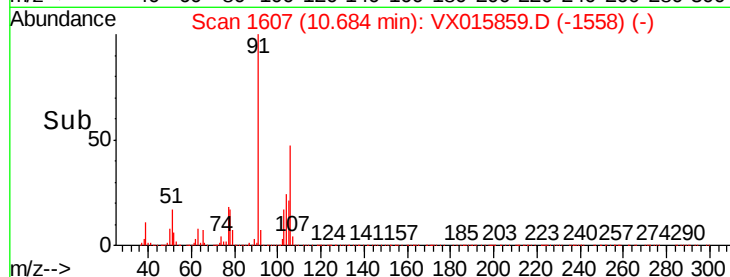
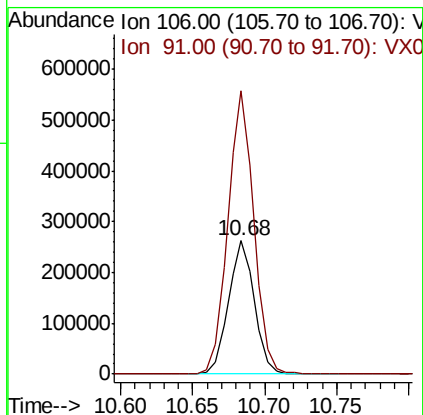
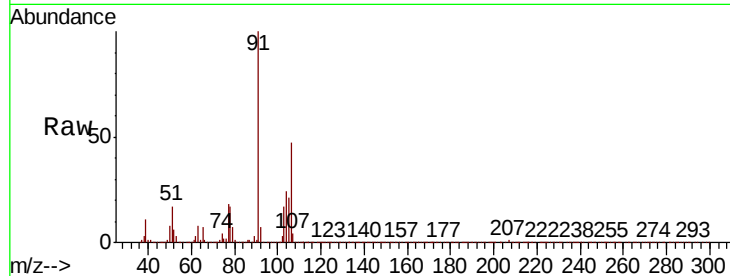




#69
o-Xylene
Concen: 19.272 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

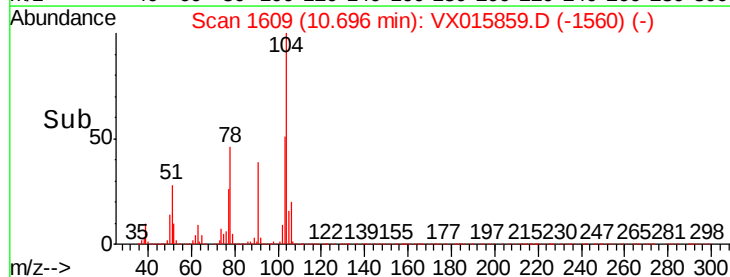
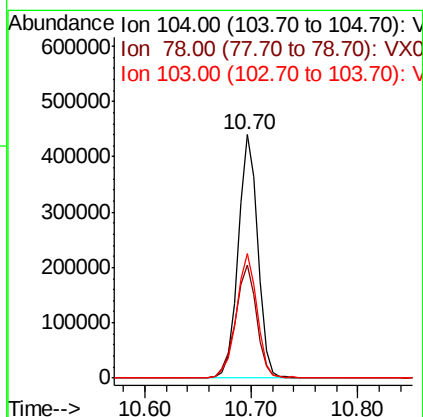
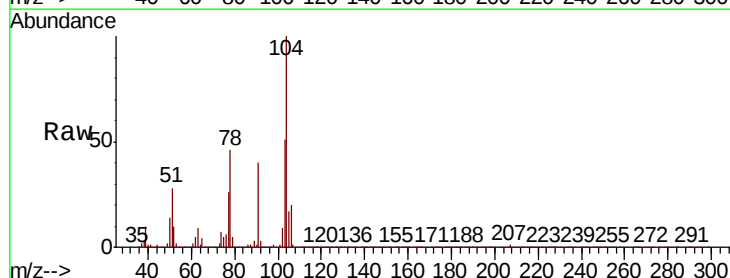
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

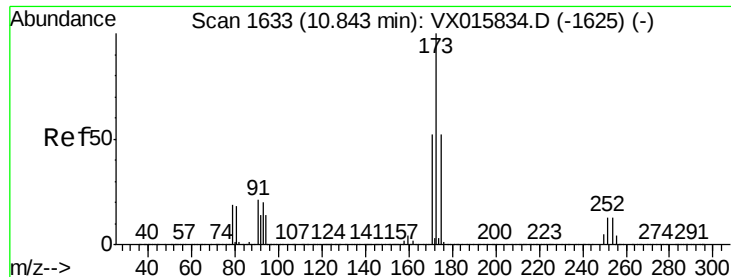
Tot Ion:106 Resp: 330695
Ion Ratio Lower Upper
106 100
91 212.5 107.1 321.3



#70
Styrene
Concen: 19.111 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion:104 Resp: 567820
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 54.3 43.3 64.9





#71

Bromoform

Concen: 19.646 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampled :

VX0422WBS02

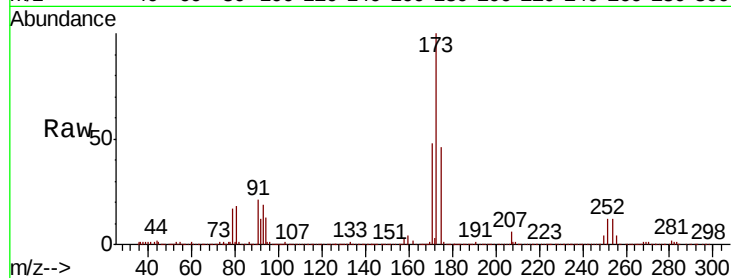
Tot Ion:173 Resp: 126594

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.4

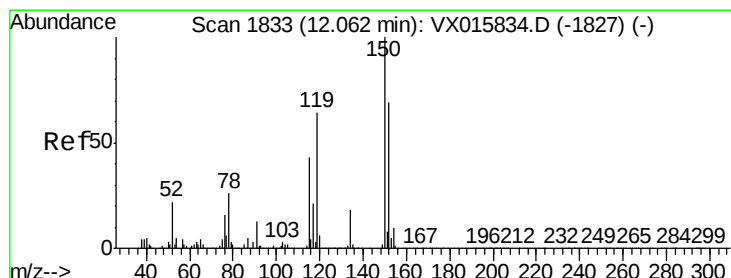
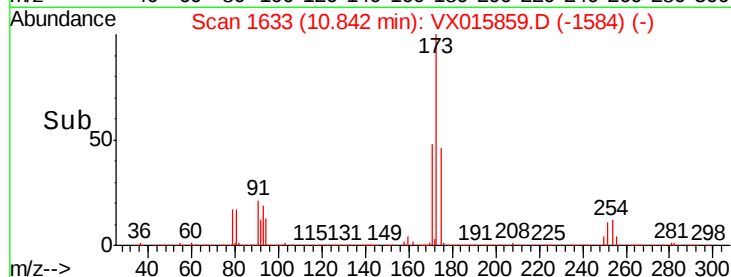
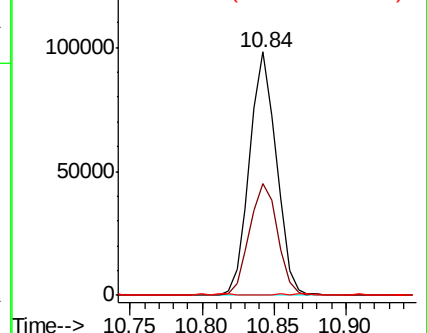
254 0.0 0.3 0.5#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

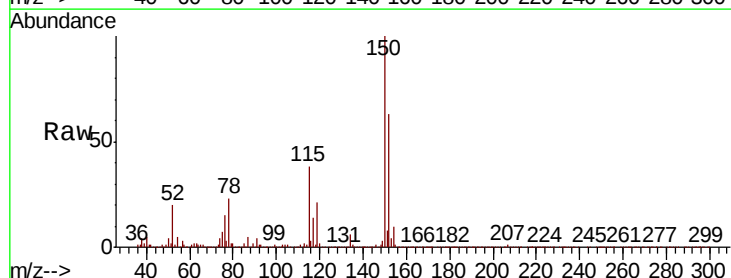
Tgt Ion:152 Resp: 673315

Ion Ratio Lower Upper

152 100

115 65.6 39.0 116.9

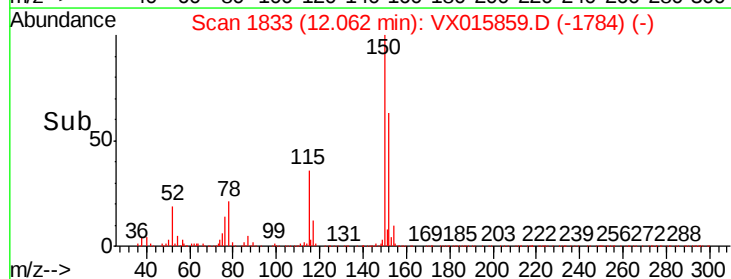
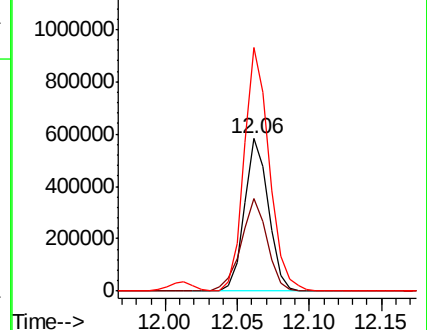
150 166.9 0.0 336.8

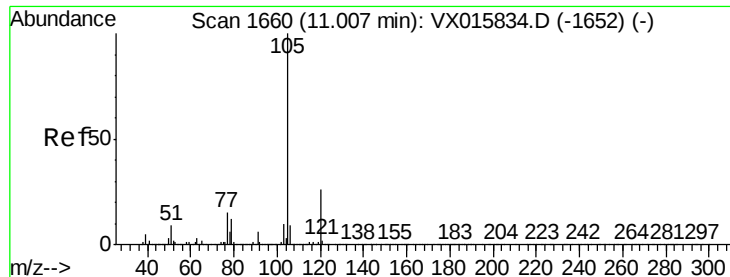


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.874 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

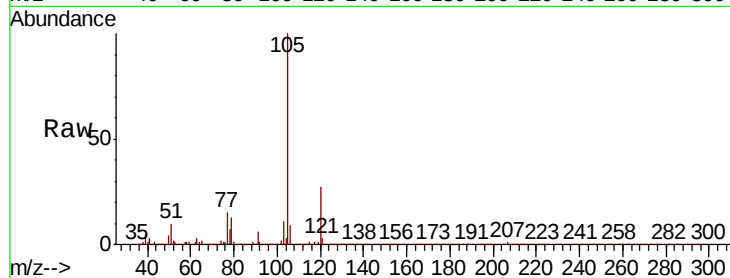
VX0422WBS02

Tot Ion:105 Resp: 892623

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

800000

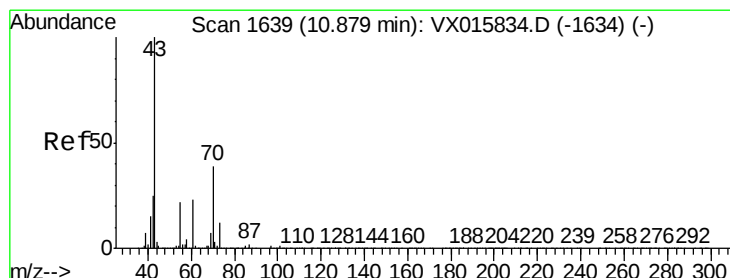
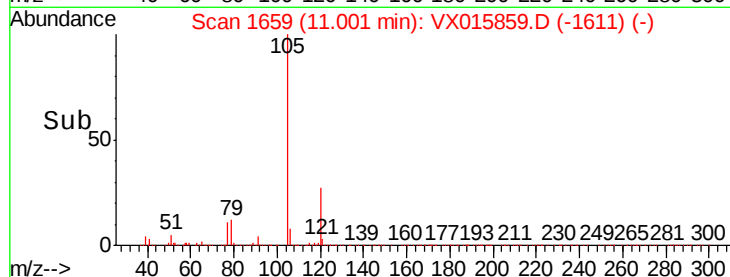
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.590 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion: 43 Resp: 432475

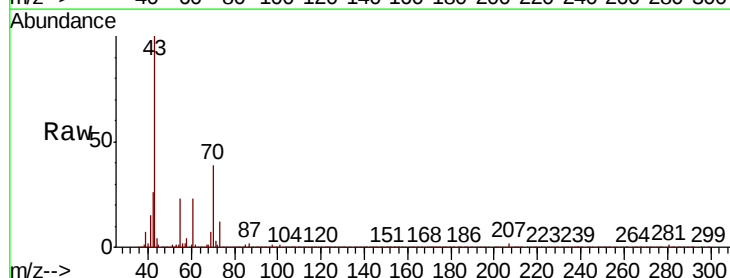
Ion Ratio Lower Upper

43 100

70 40.7 32.6 49.0

55 23.2 18.3 27.5

61 23.9 18.7 28.1



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

500000

400000

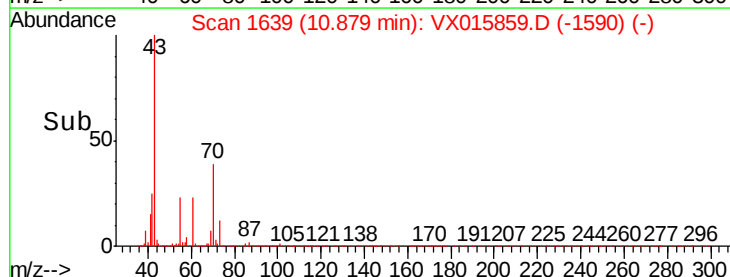
300000

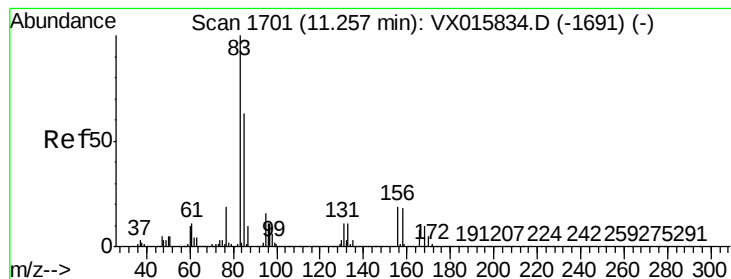
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

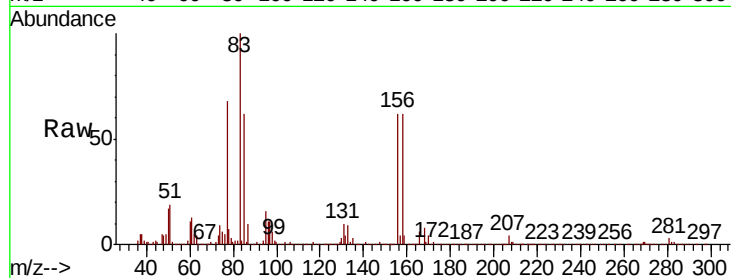
Tot Ion: 83 Resp: 180285

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

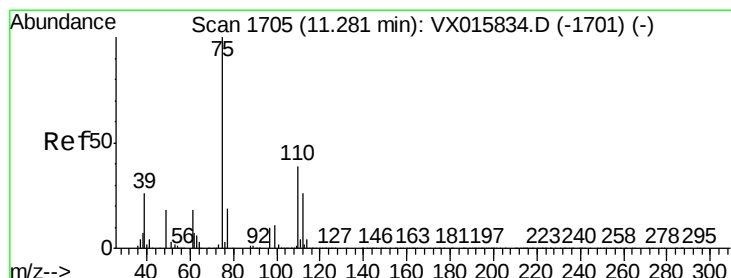
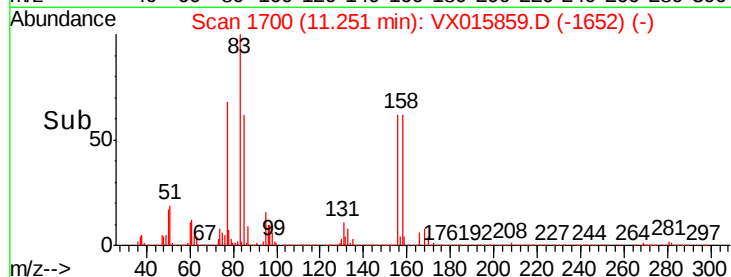
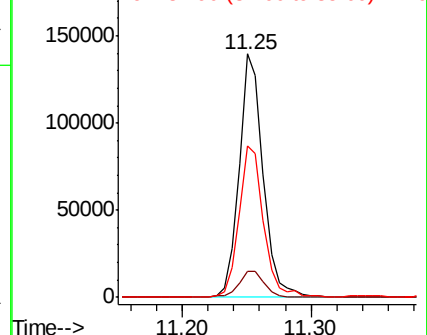
85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.640 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015859.D

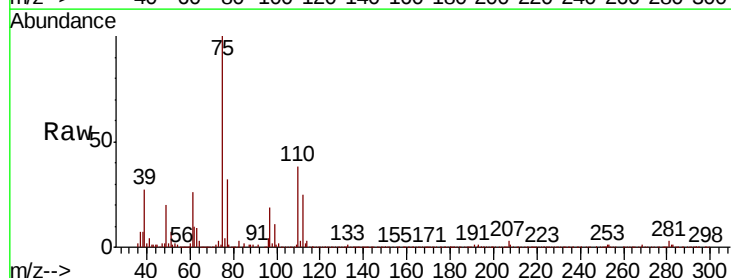
Acq: 22 Apr 2020 23:25

Tgt Ion: 75 Resp: 315486

Ion Ratio Lower Upper

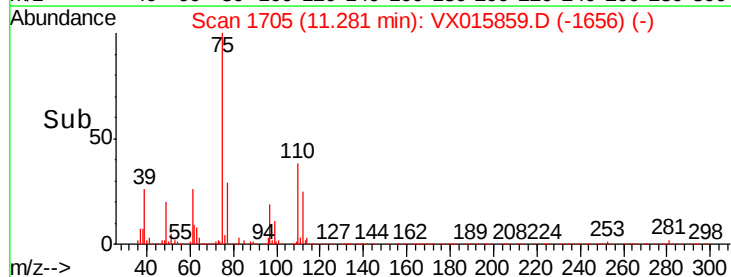
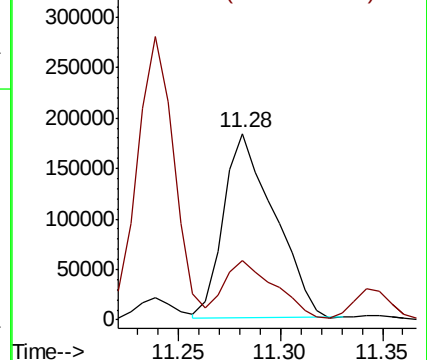
75 100

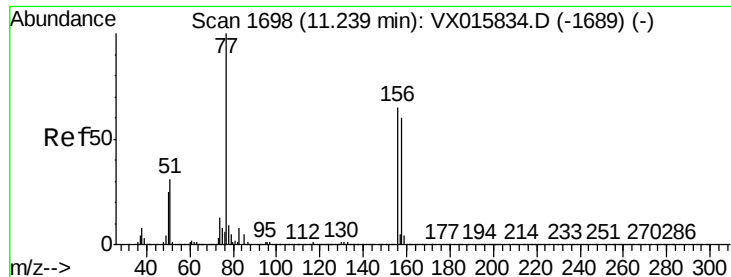
77 32.4 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.891 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

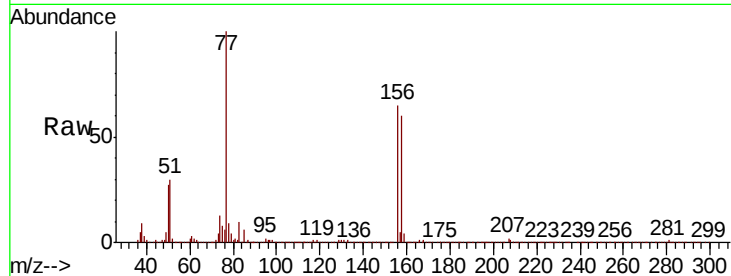
Tot Ion:156 Resp: 232406

Ion Ratio Lower Upper

156 100

77 151.6 75.2 225.6

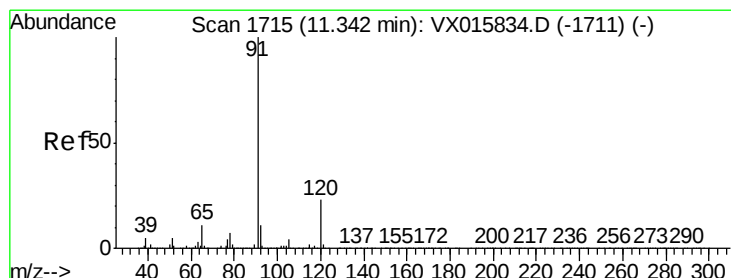
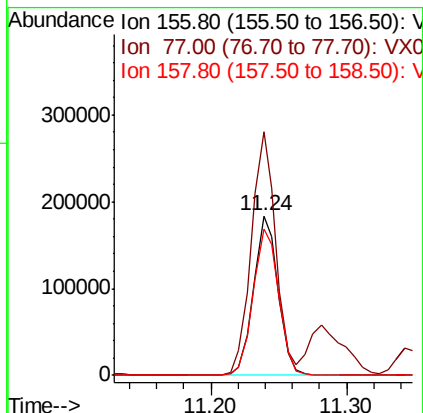
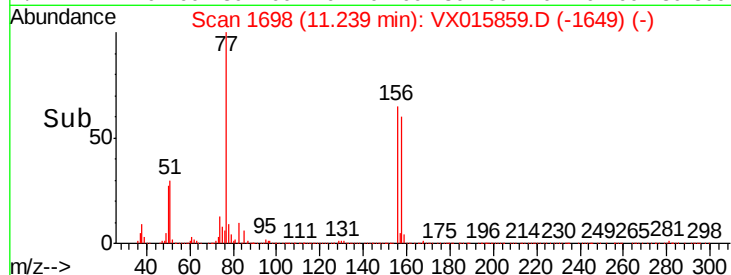
158 95.3 47.9 143.6



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: 20.170 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015859.D

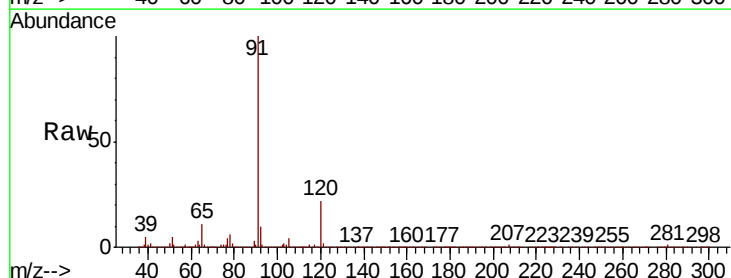
Acq: 22 Apr 2020 23:25

Tgt Ion: 91 Resp: 988052

Ion Ratio Lower Upper

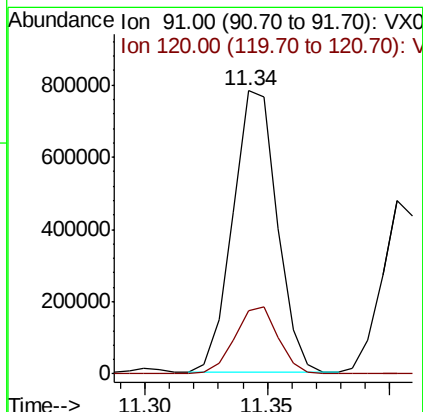
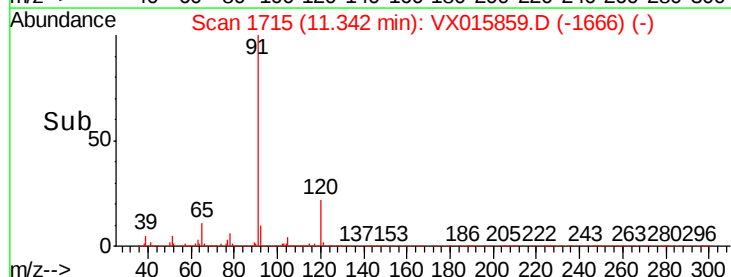
91 100

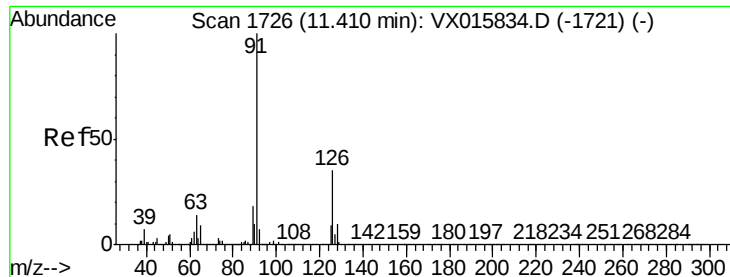
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

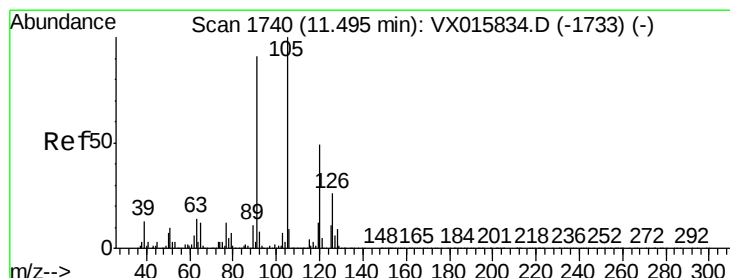
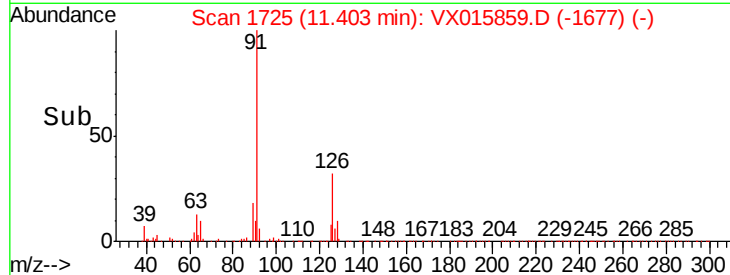
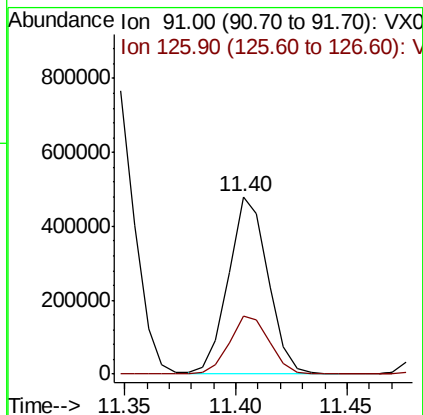
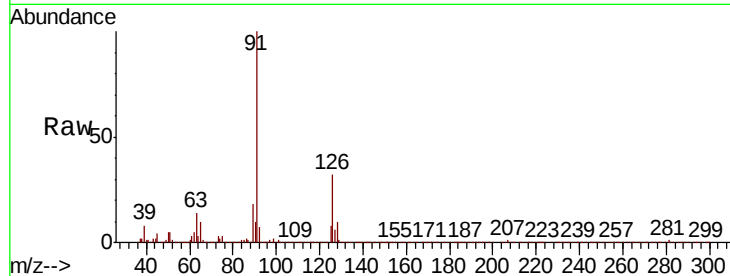




#79
 2-Chlorotoluene
 Concen: 20.019 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

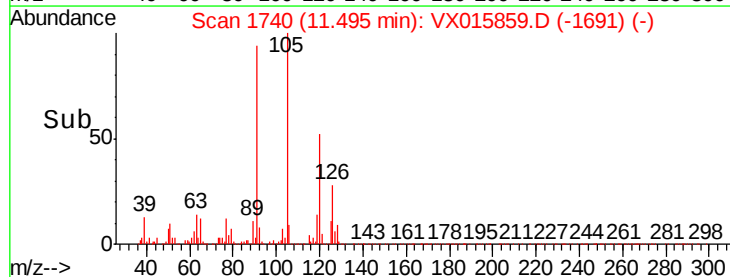
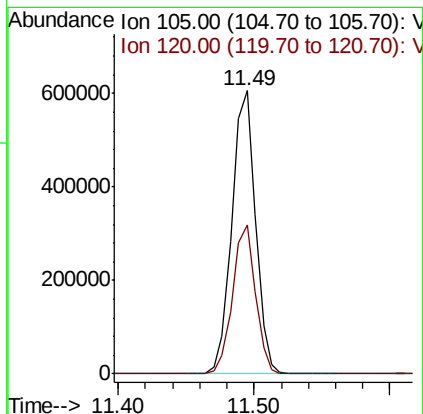
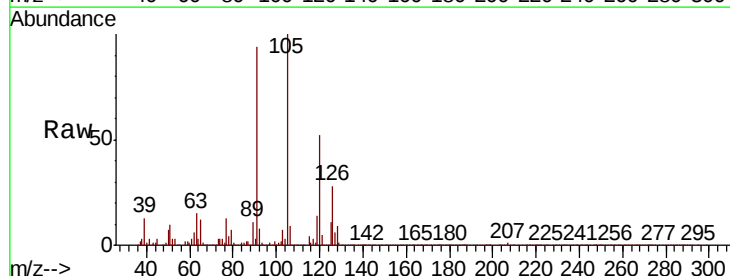
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

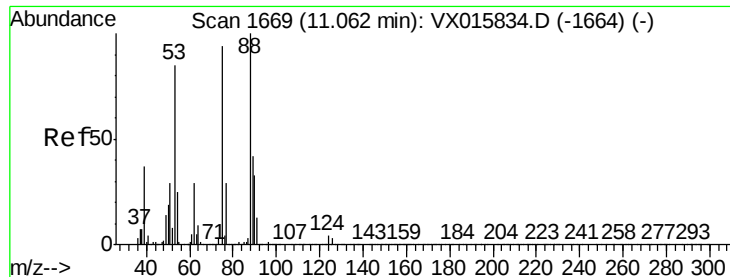
Tot Ion: 91 Resp: 589071
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.026 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion: 105 Resp: 730191
 Ion Ratio Lower Upper
 105 100
 120 51.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 16.993 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

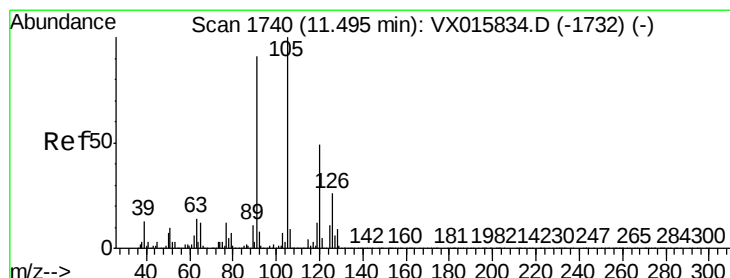
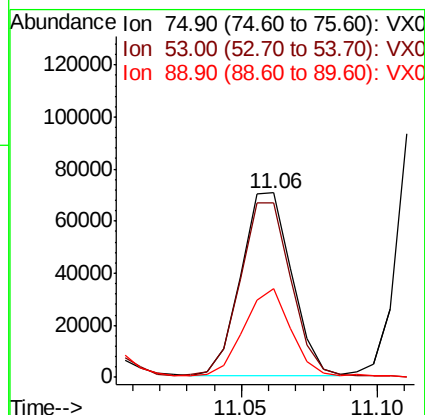
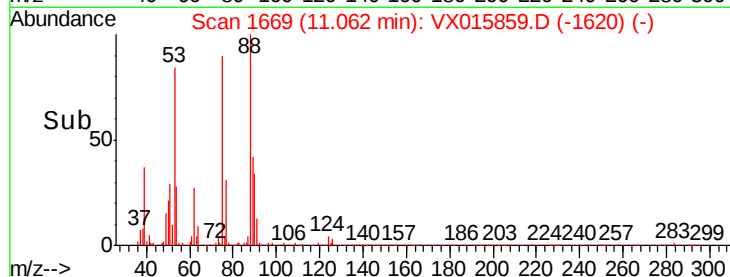
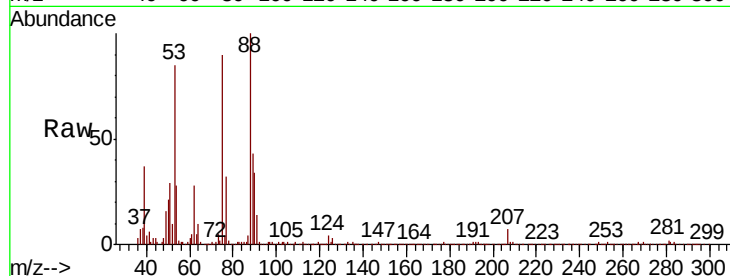
Tot Ion: 75 Resp: 90445

Ion Ratio Lower Upper

75 100

53 96.2 74.2 111.2

89 47.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.855 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015859.D

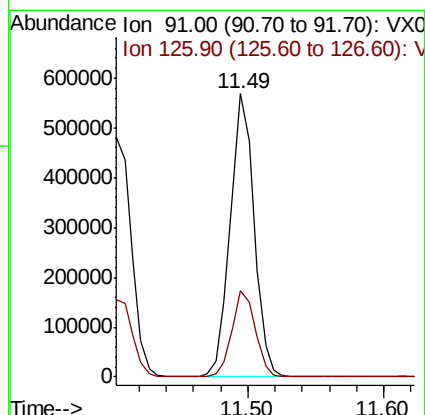
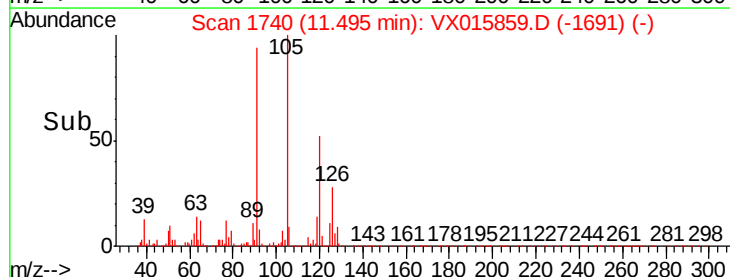
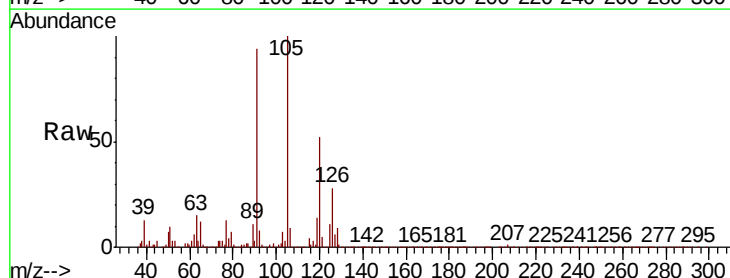
Acq: 22 Apr 2020 23:25

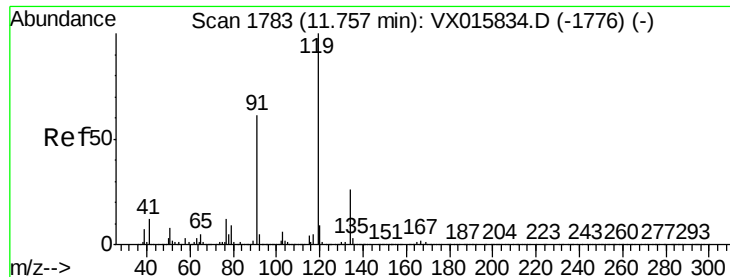
Tgt Ion: 91 Resp: 694251

Ion Ratio Lower Upper

91 100

126 29.9 15.0 45.0

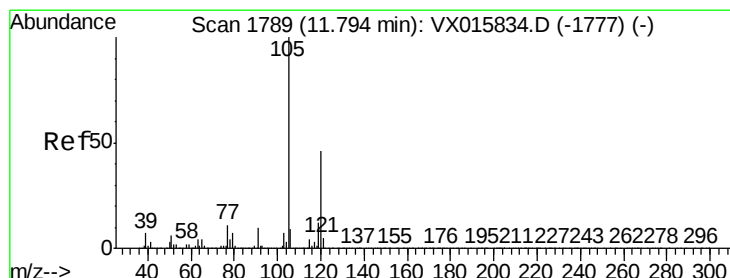
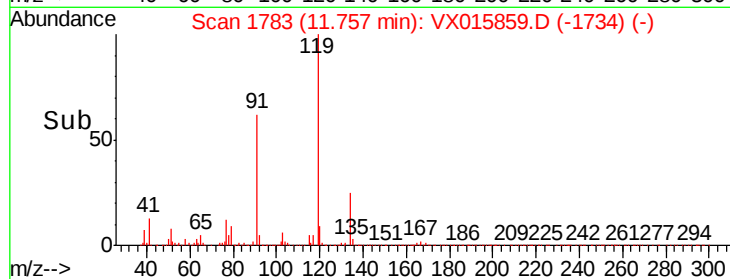
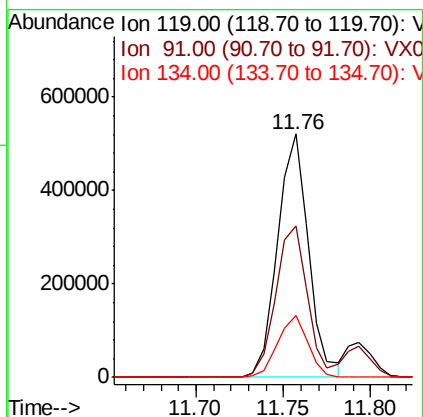
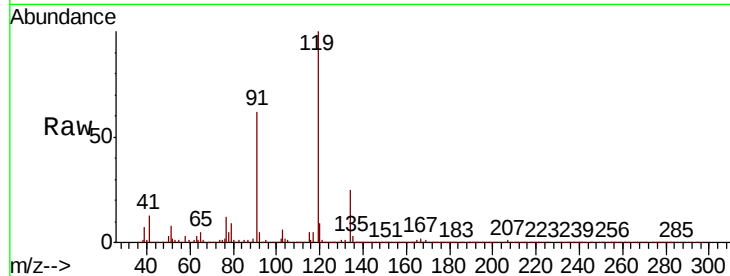




#83
tert-Butylbenzene
Concen: 19.891 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

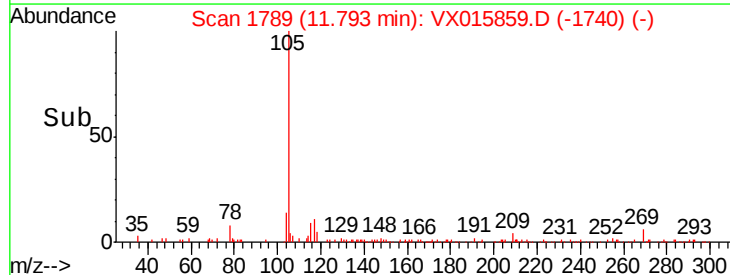
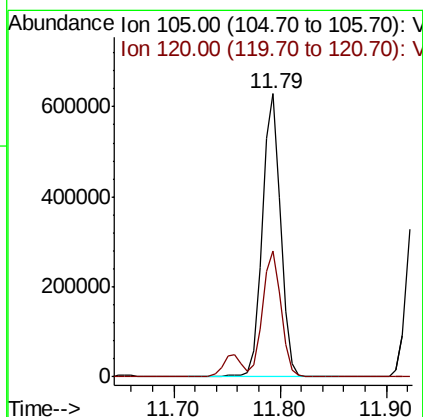
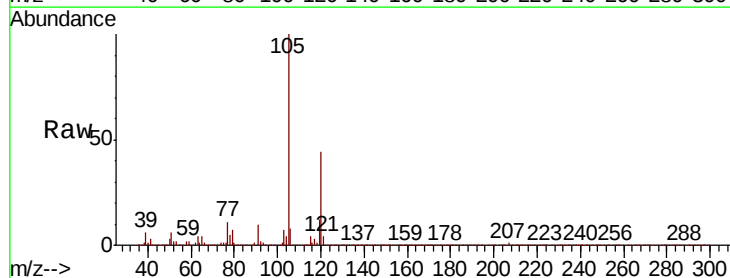
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

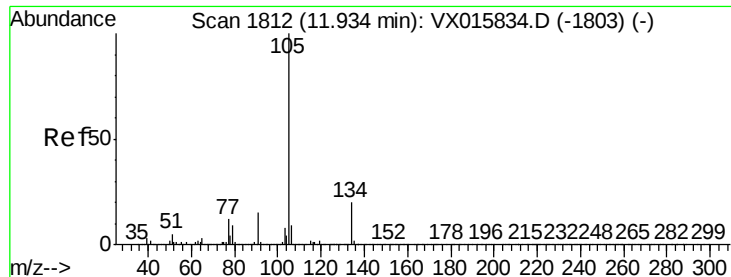
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	30.9	92.7
134	24.8	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 19.937 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 19.560 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

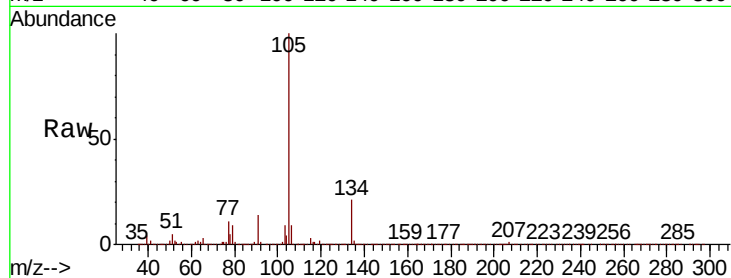
VX0422WBS02

Tot Ion:105 Resp: 833980

Ion Ratio Lower Upper

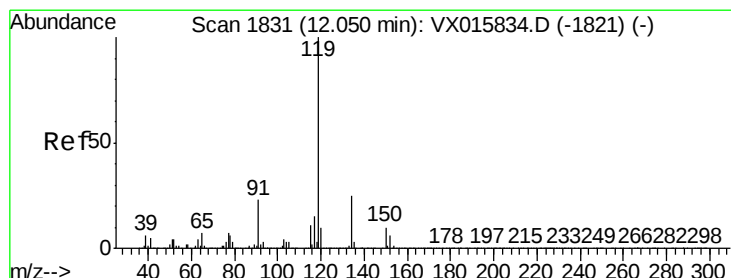
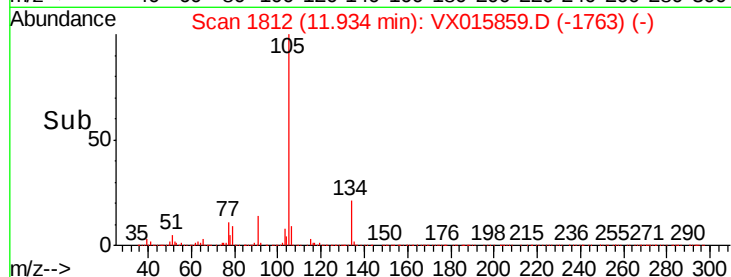
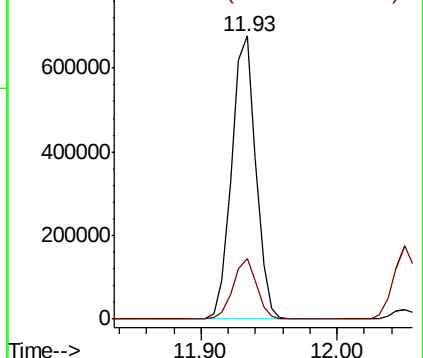
105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.752 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

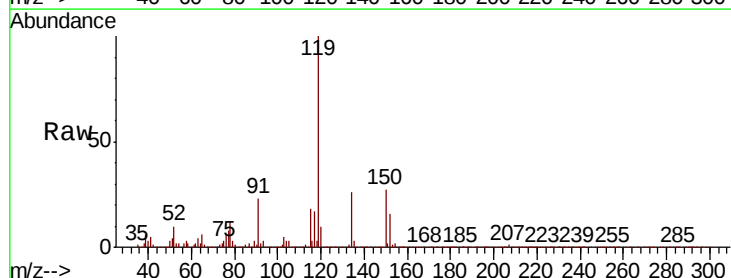
Tgt Ion:119 Resp: 787470

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

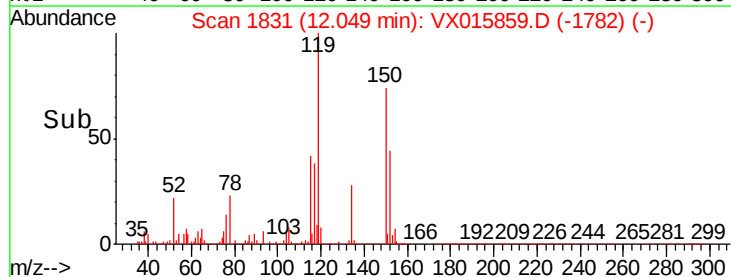
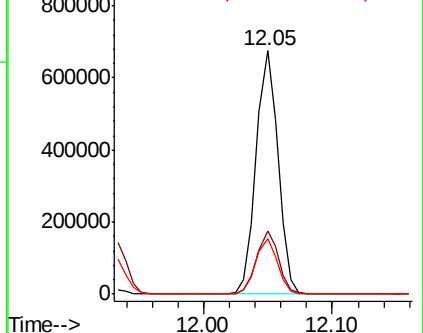
91 22.6 11.5 34.5

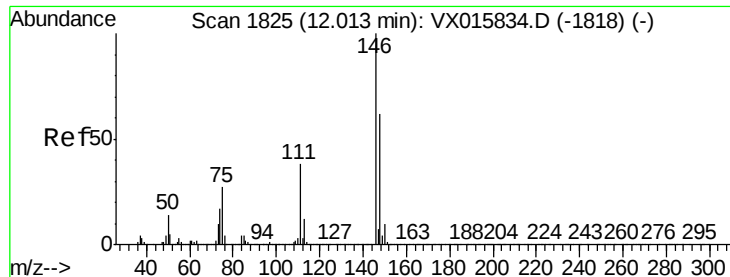


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.993 ug/l

RT: 12.01 min Scan# 1825

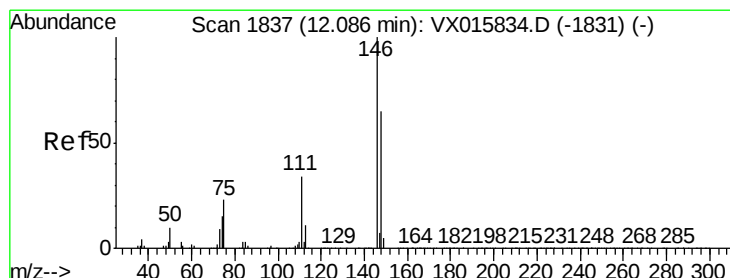
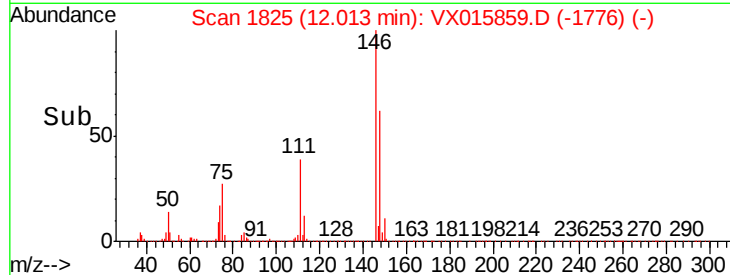
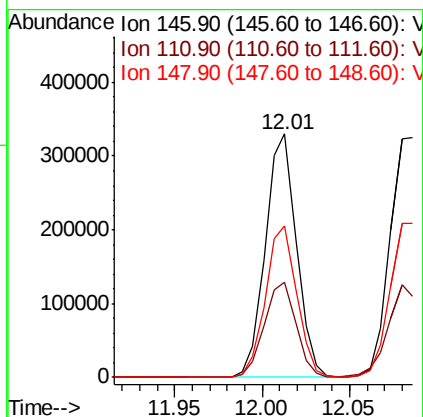
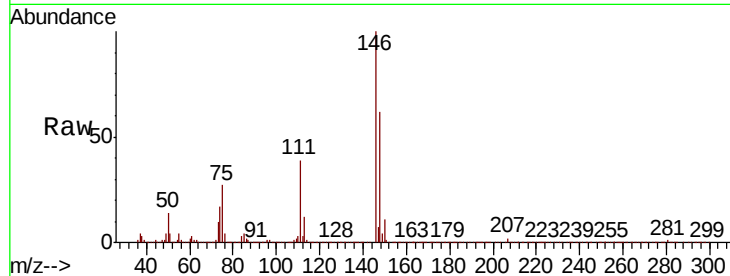
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.1	57.1
148	62.9	30.9	92.7



#88

1,4-Dichlorobenzene

Concen: 19.604 ug/l

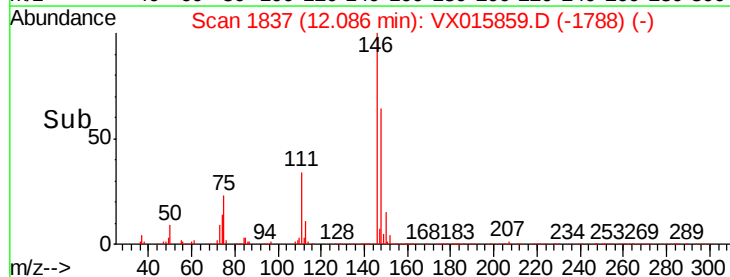
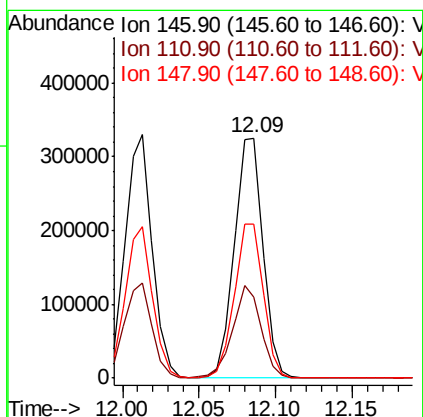
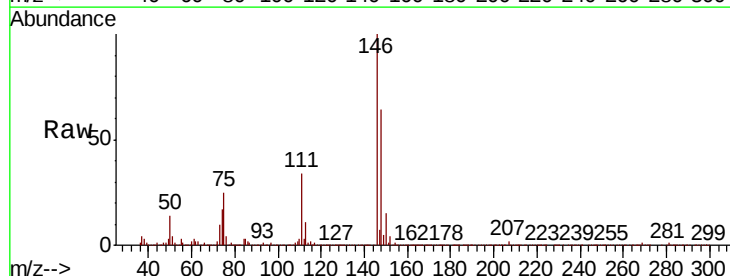
RT: 12.09 min Scan# 1837

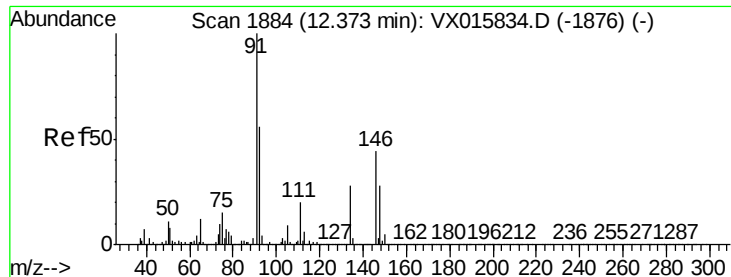
Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.7	33.8	101.4





#89

n-Butylbenzene

Concen: 18.788 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

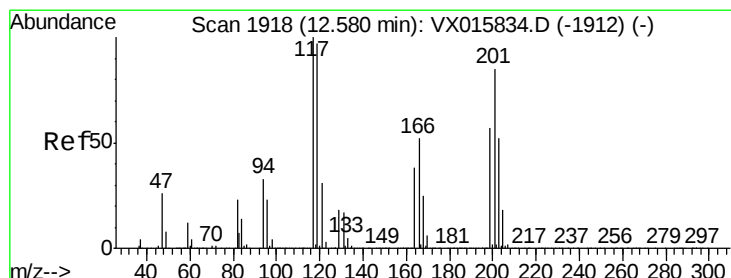
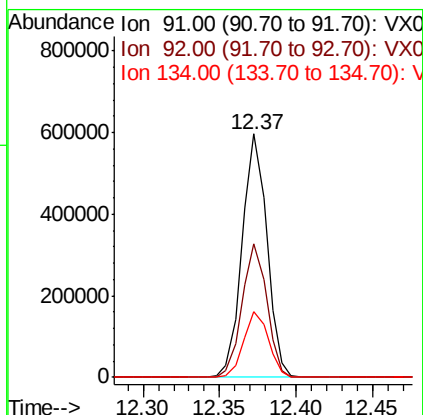
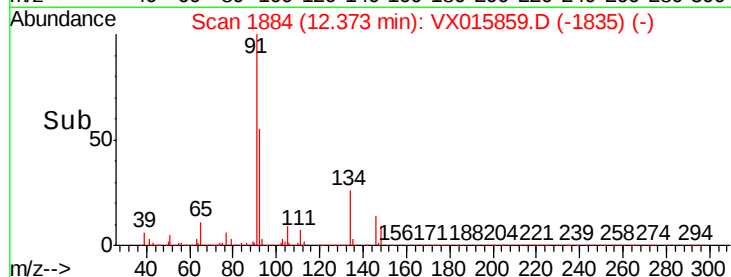
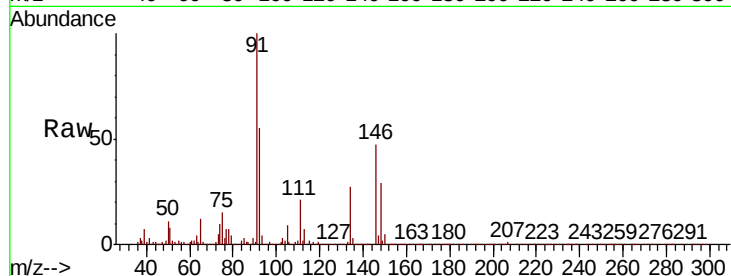
Tot Ion: 91 Resp: 669689

Ion Ratio Lower Upper

91 100

92 54.9 27.7 83.1

134 27.2 14.1 42.4



#90

Hexachloroethane

Concen: 25.495 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015859.D

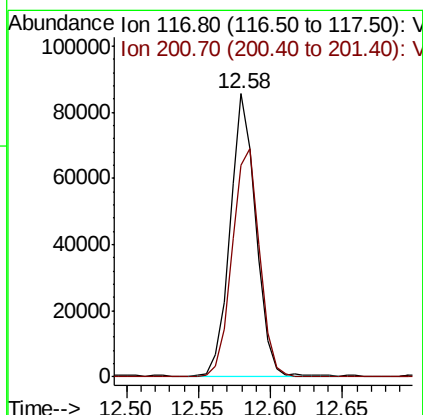
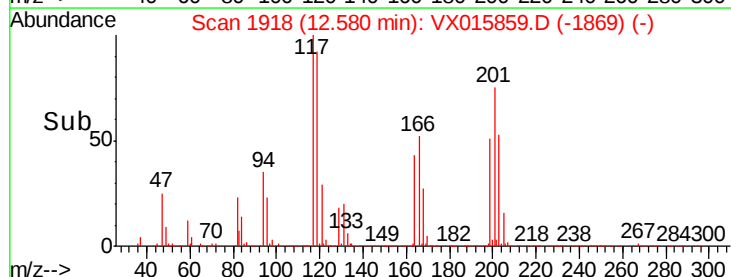
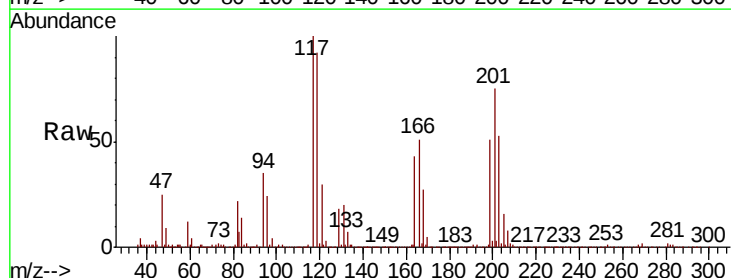
Acq: 22 Apr 2020 23:25

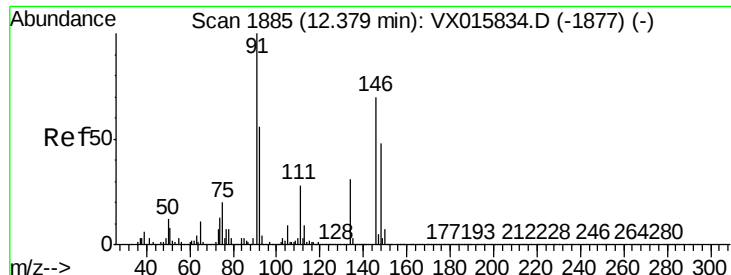
Tgt Ion: 117 Resp: 107377

Ion Ratio Lower Upper

117 100

201 85.4 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 19.338 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS02

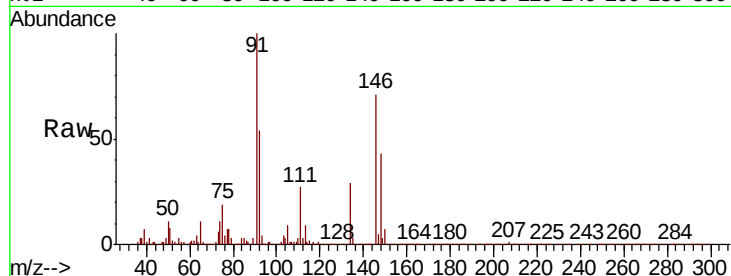
Tot Ion:146 Resp: 393372

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

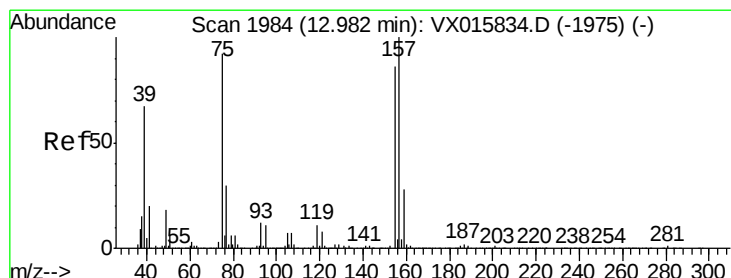
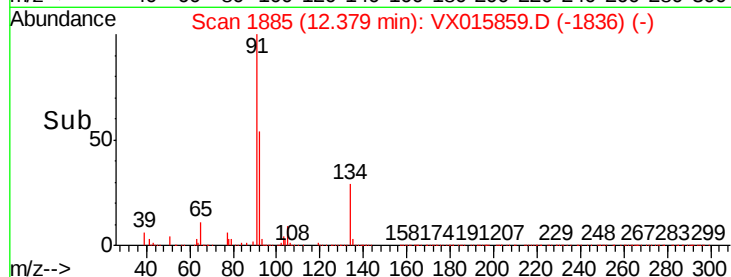
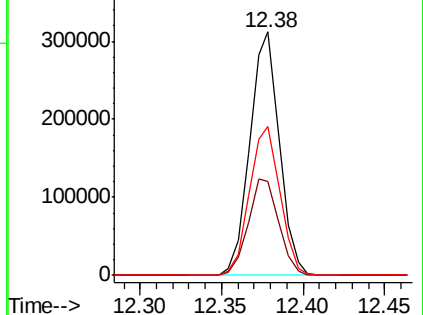
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.640 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015859.D

Acq: 22 Apr 2020 23:25

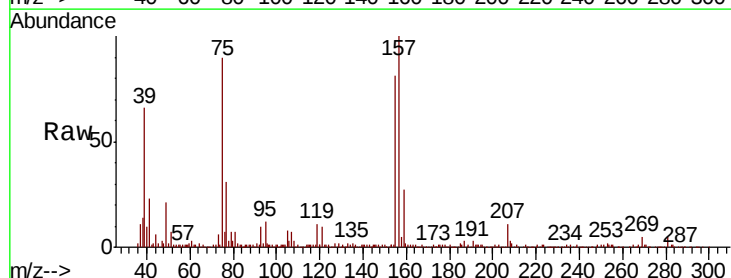
Tgt Ion: 75 Resp: 52709

Ion Ratio Lower Upper

75 100

155 91.4 48.1 144.4

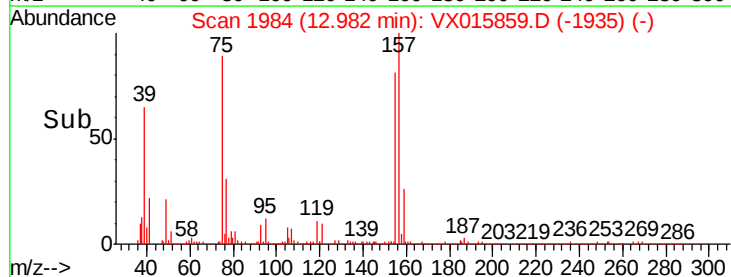
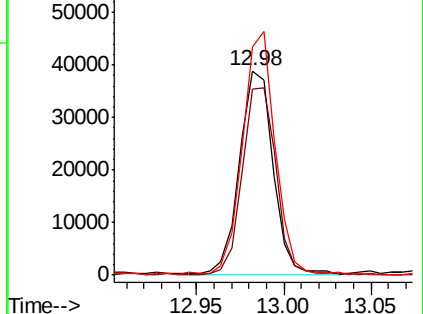
157 114.8 58.9 176.7

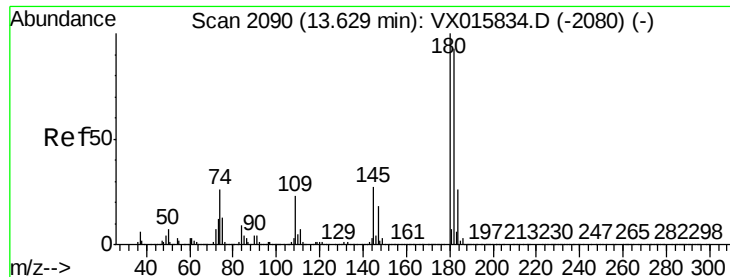


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

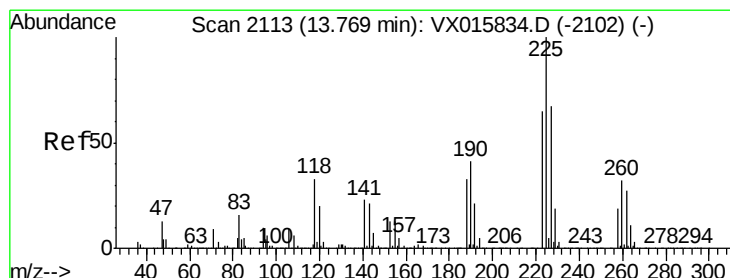
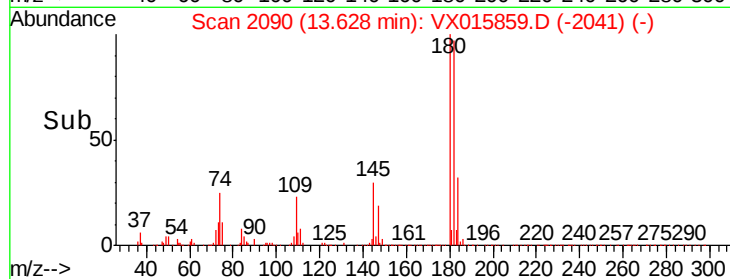
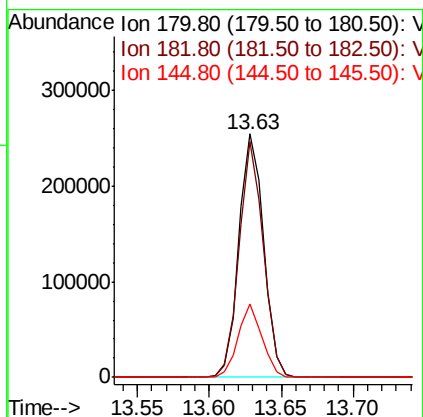
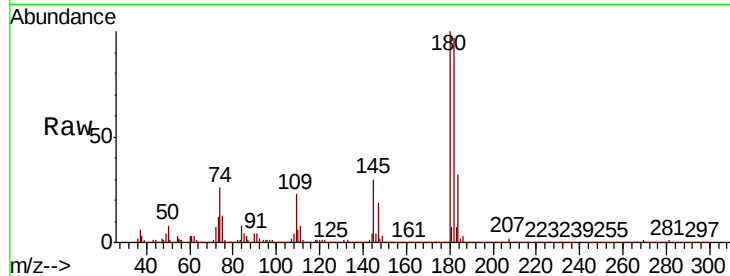




#93
 1,2,4-Trichlorobenzene
 Concen: 18.950 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

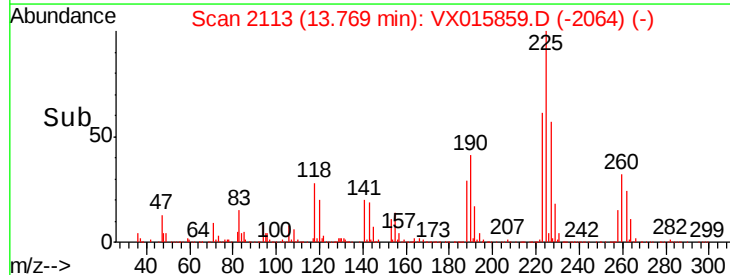
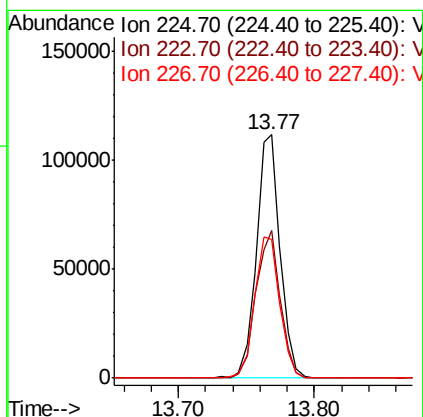
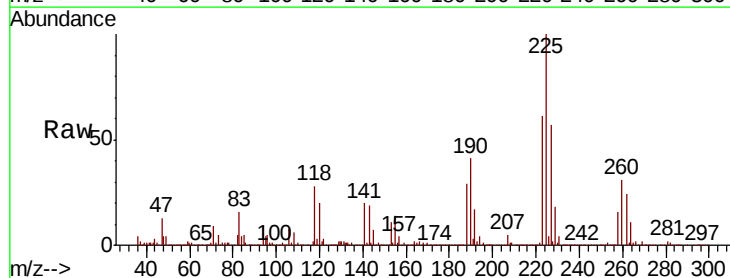
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

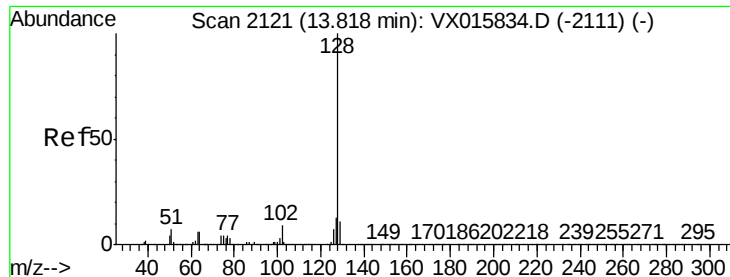
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	29.2	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 19.054 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015859.D
 Acq: 22 Apr 2020 23:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.3	93.8
227	61.5	32.6	97.8

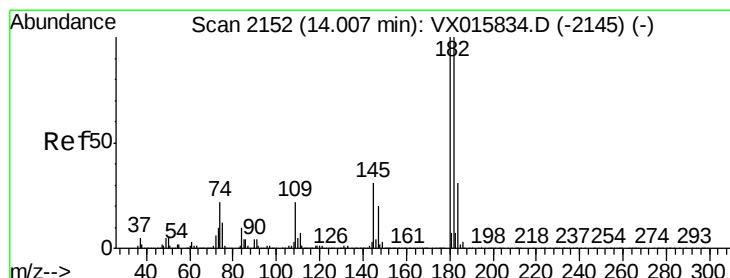
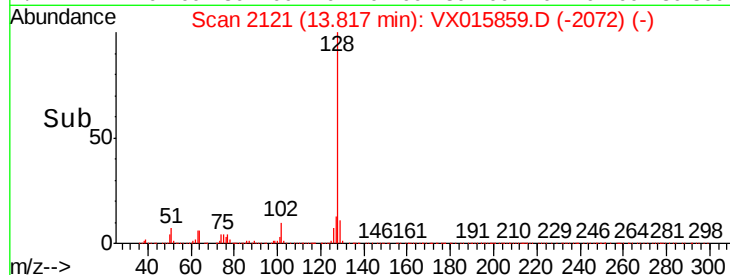
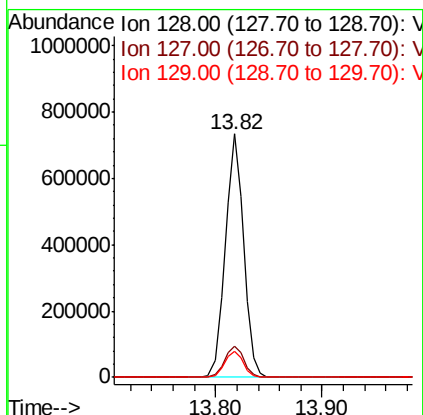
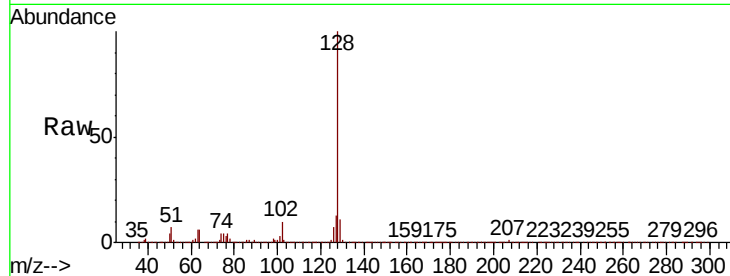




#95
Naphthalene
Concen: 19.197 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS02

Tot Ion:128 Resp: 885220
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.919 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015859.D
Acq: 22 Apr 2020 23:25

Tgt Ion:180 Resp: 295844
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.7
145 31.6 15.2 45.5

