

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015909.D
 Acq On : 23 Apr 2020 23:03
 Operator : JC/SP
 Sample : L2117-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

Quant Time: Apr 24 03:40:15 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	883459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1328574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1300839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	718605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	490181	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	5.47	113	386284	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.70	98	1615241	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.12	95	672021	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	2112	0.279	ug/l	79
7) Trichlorofluoromethane	1.92	101	2672	0.240	ug/l	100
8) Diethyl Ether	2.16	74	2202	0.488	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2530	0.335	ug/l #	68
10) Methyl Iodide	2.48	142	2218	0.238	ug/l #	41
11) Tert butyl alcohol	3.01	59	2152	1.048	ug/l	95
13) Acrolein	2.26	56	308	0.254	ug/l #	15
15) Acrylonitrile	3.11	53	1420	0.298	ug/l #	17
16) Acetone	2.42	43	94122	21.513	ug/l	99
17) Carbon Disulfide	2.55	76	22504	0.801	ug/l	97
18) Methyl Acetate	2.75	43	8582	0.594	ug/l #	80
20) Methylene Chloride	2.84	84	17886	2.014	ug/l #	93
25) 2-Butanone	4.64	43	18044	2.609	ug/l #	81
29) Tetrahydrofuran	5.10	42	3115	0.681	ug/l #	76
36) 1,1-Dichloropropene	5.64	75	59038	5.013	ug/l #	52
38) Carbon Tetrachloride	5.63	117	77749	6.702	ug/l #	17
39) Methylcyclohexane	7.45	83	4220	0.283	ug/l #	90
43) Isopropyl Acetate	6.42	43	184903	7.820	ug/l	99
48) Methyl methacrylate	7.66	41	10277	0.884	ug/l #	19
49) 1,4-Dioxane	7.73	88	525	2.388	ug/l #	21
51) 4-Methyl-2-Pentanone	8.59	43	186031	13.630	ug/l #	45
54) cis-1,3-Dichloropropene	8.60	75	74017	4.675	ug/l #	56
59) 2-Hexanone	9.53	43	167917	16.150	ug/l #	51
67) Ethyl Benzene	10.23	91	10326	0.226	ug/l #	88
68) m/p-Xylenes	10.34	106	4526	0.264	ug/l	75
74) N-amyl acetate	10.81	43	10545	0.448	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	327843	23.992	ug/l #	35
78) n-propylbenzene	11.34	91	15879	0.304	ug/l	84
80) 1,3,5-Trimethylbenzene	11.49	105	8932	0.230	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	327843	57.713	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	9257	0.229	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	4931	0.215	ug/l	86
88) 1,4-Dichlorobenzene	12.01	146	4931	0.215	ug/l	91
89) n-Butylbenzene	12.37	91	11363	0.299	ug/l	94

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Instrument :
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ClientSampleId :
OK-01-042220

Quant Time: Apr 24 03:40:15 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

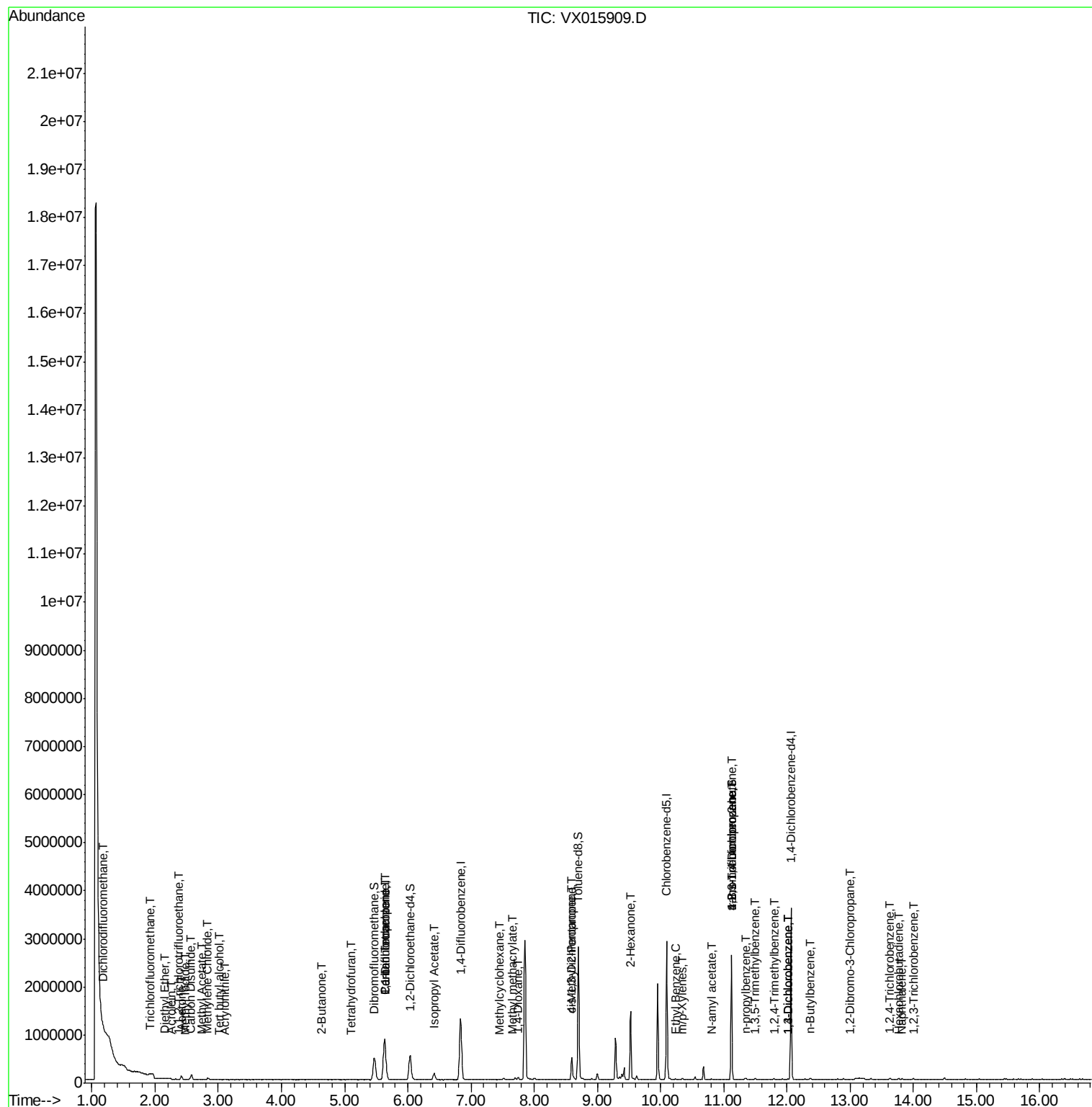
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.99	75	692	0.242	ug/l	83
93) 1,2,4-Trichlorobenzene	13.63	180	5836	0.341	ug/l	95
94) Hexachlorobutadiene	13.76	225	3721	0.485	ug/l	94
95) Naphthalene	13.82	128	11767	0.239	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.00	180	4765	0.286	ug/l	88

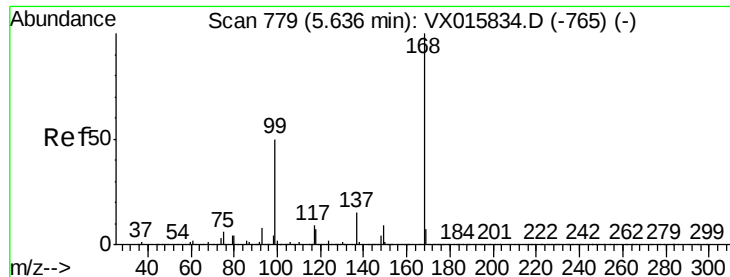
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

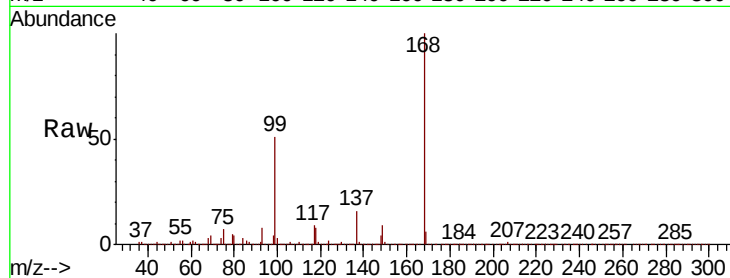
OK-01-042220

Tot Ion:168 Resp: 883459

Ion Ratio Lower Upper

168 100

99 50.9 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

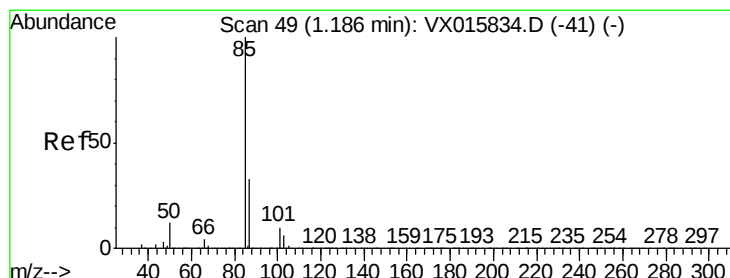
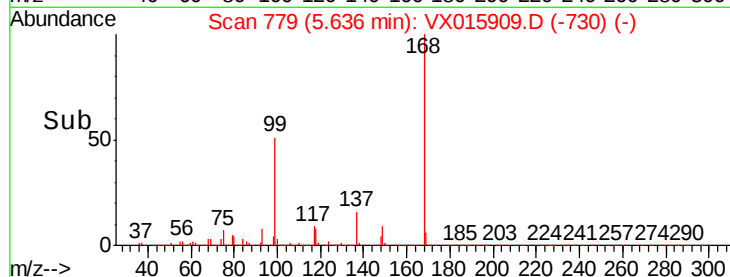
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.279 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015909.D

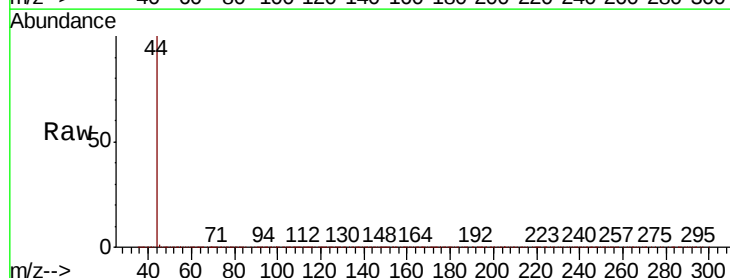
Acq: 23 Apr 2020 23:03

Tgt Ion: 85 Resp: 2112

Ion Ratio Lower Upper

85 100

87 21.0 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

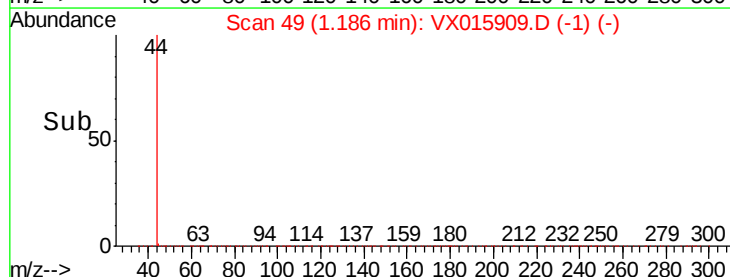
1500

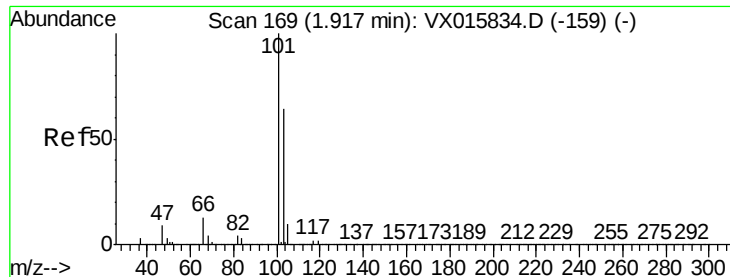
1000

500

0

Time-->



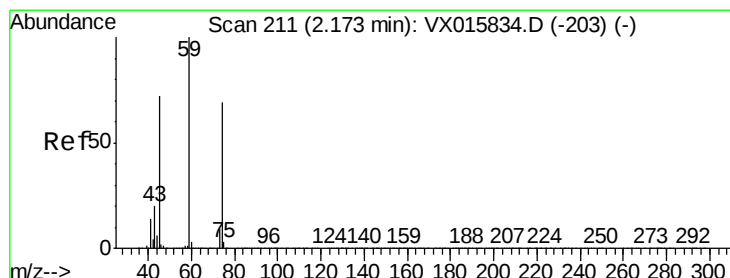
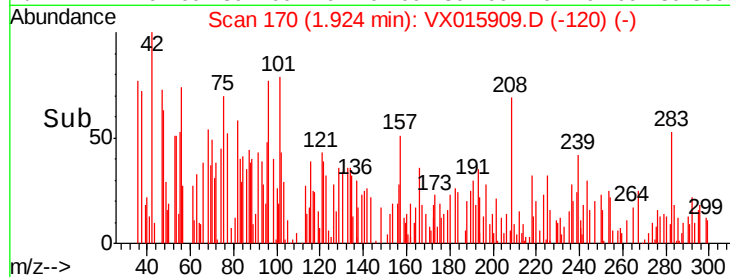
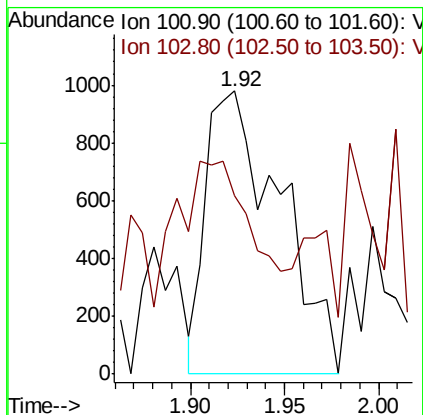
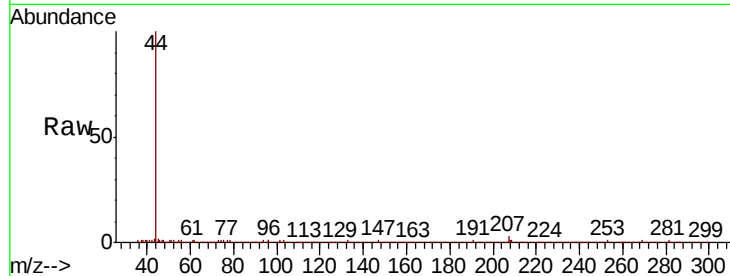


#7

Trichlorofluoromethane
 Concen: 0.240 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

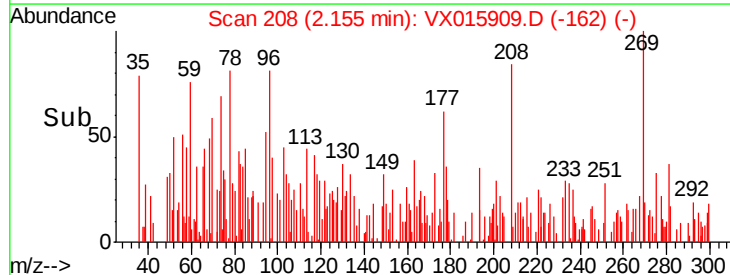
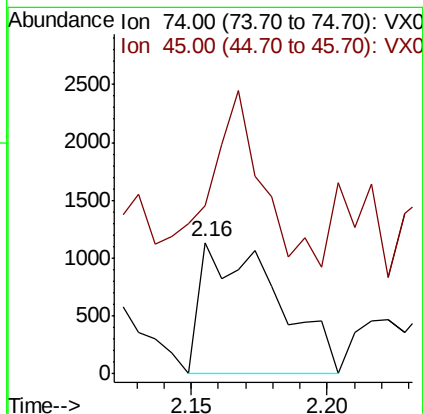
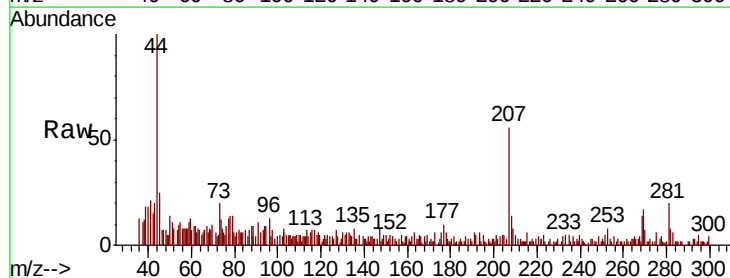
Tot Ion:101 Resp: 2672
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

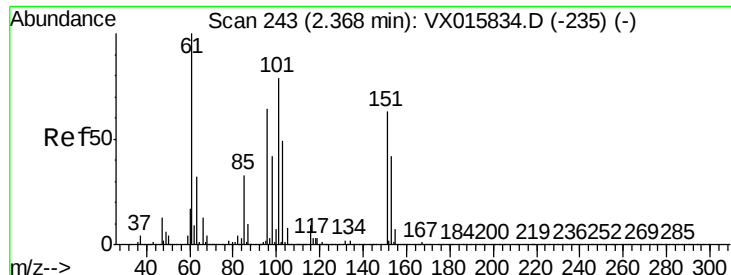


#8

Diethyl Ether
 Concen: 0.488 ug/l
 RT: 2.16 min Scan# 208
 Delta R.T. -0.02 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Tgt Ion: 74 Resp: 2202
 Ion Ratio Lower Upper
 74 100
 45 87.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.335 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

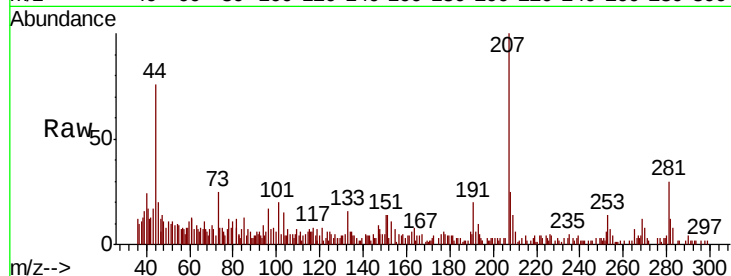
Tot Ion:101 Resp: 2530

Ion Ratio Lower Upper

101 100

85 17.8 33.8 50.6#

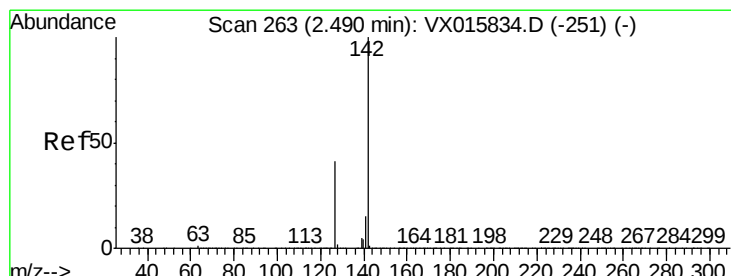
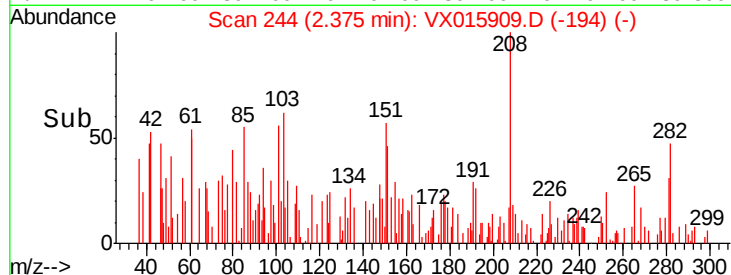
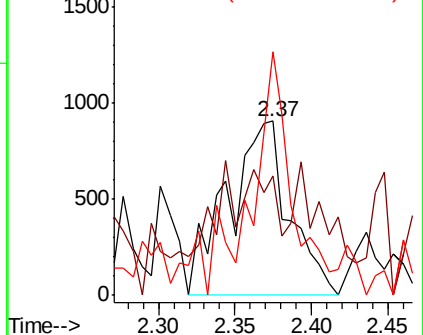
151 58.4 67.8 101.6#



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: 0.238 ug/l

RT: 2.48 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

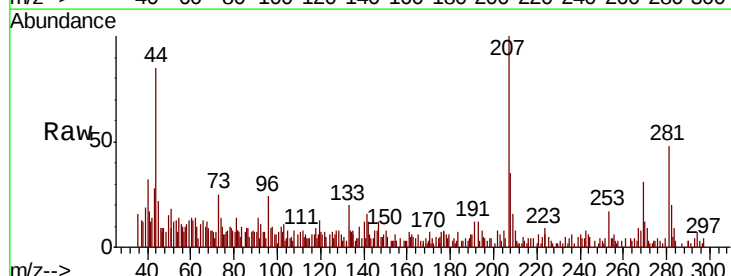
Tgt Ion:142 Resp: 2218

Ion Ratio Lower Upper

142 100

127 9.0 33.3 49.9#

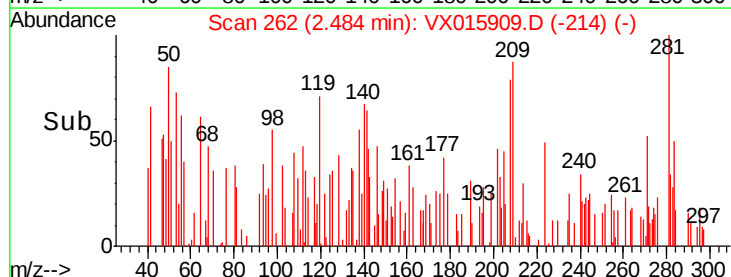
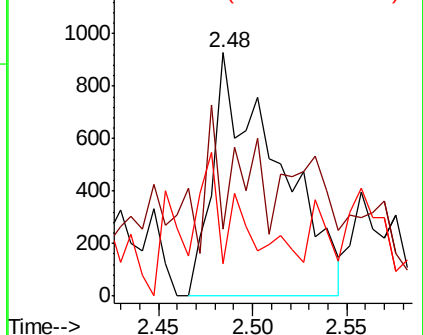
141 47.9 11.8 17.6#

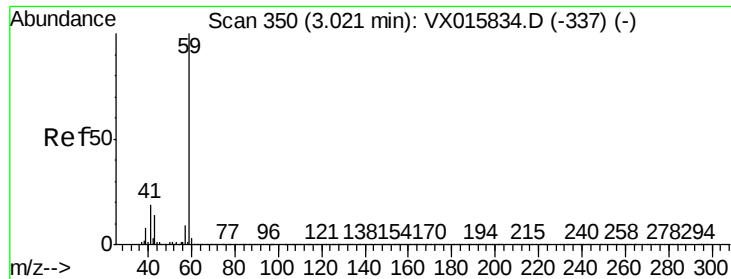


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



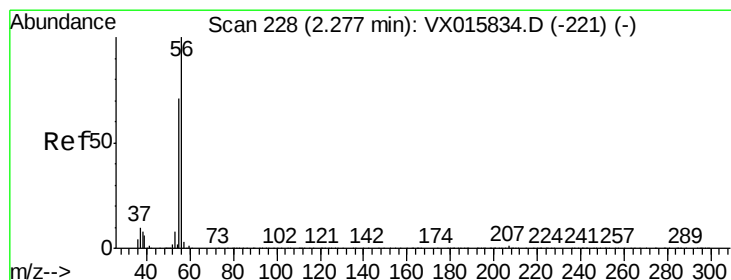
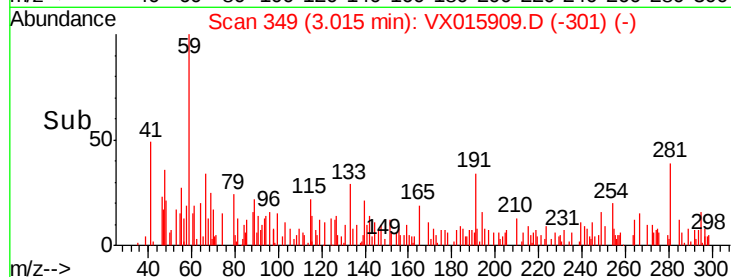
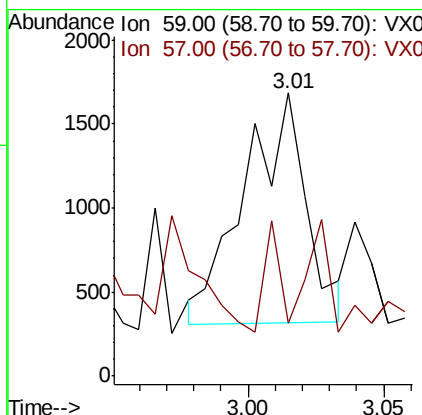
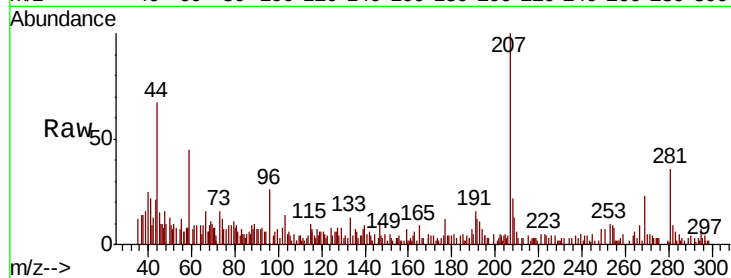


#11

Tert butyl alcohol
Concen: 1.048 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Instrument :
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OK-01-042220

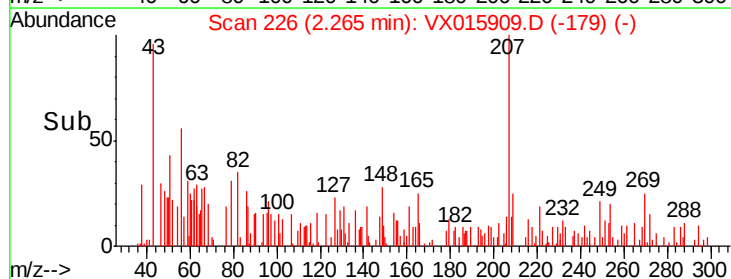
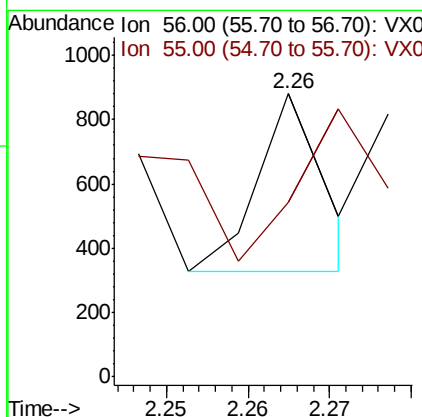
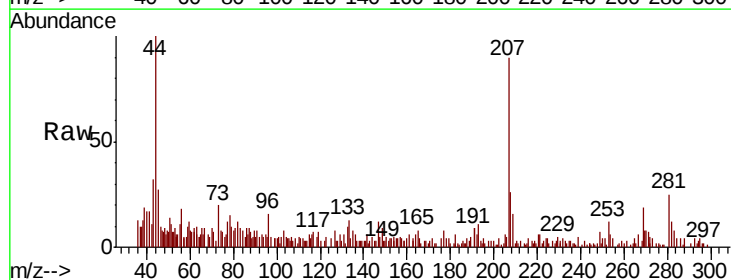
Tot Ion: 59 Resp: 2152
Ion Ratio Lower Upper
59 100
57 12.2 8.2 12.2

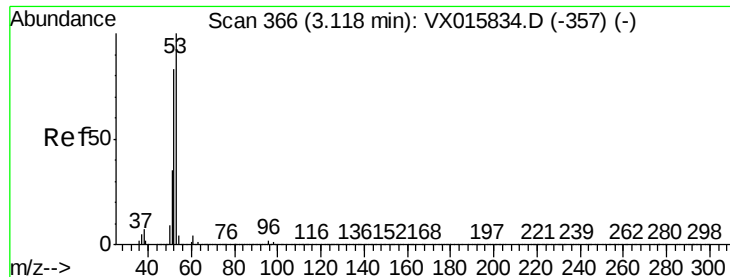


#13

Acrolein
Concen: 0.254 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.01 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#





#15

Acrylonitrile

Concen: 0.298 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

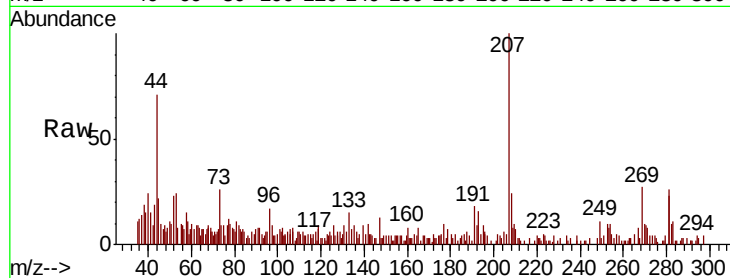
Tot Ion: 53 Resp: 1420

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.4#

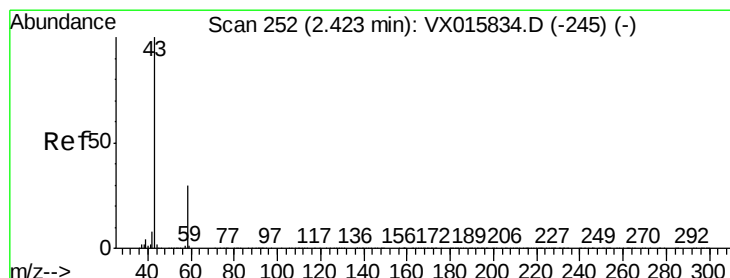
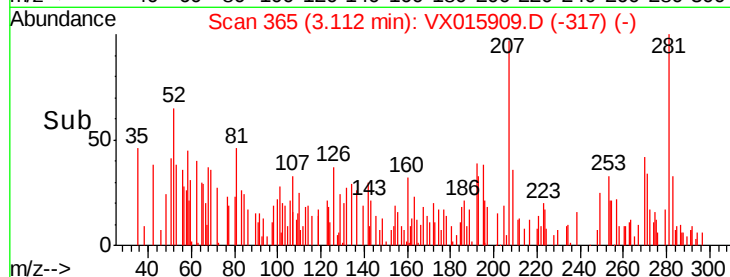
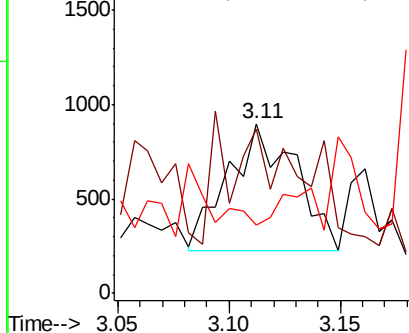
51 0.0 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 21.513 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015909.D

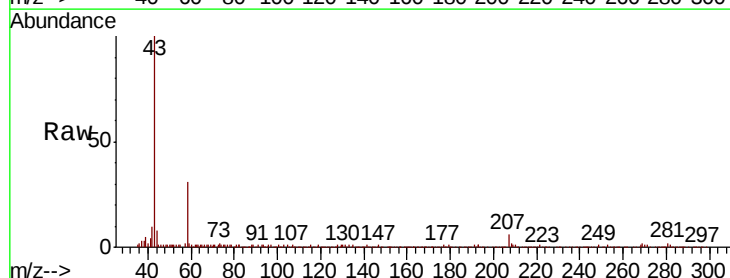
Acq: 23 Apr 2020 23:03

Tgt Ion: 43 Resp: 94122

Ion Ratio Lower Upper

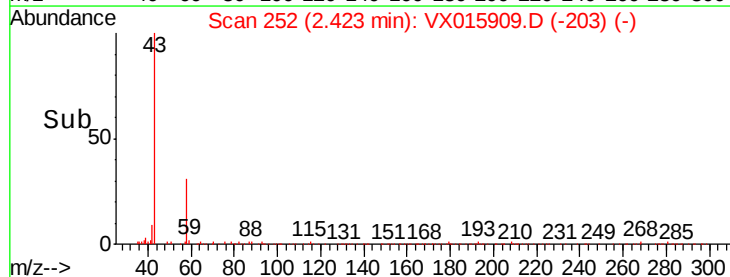
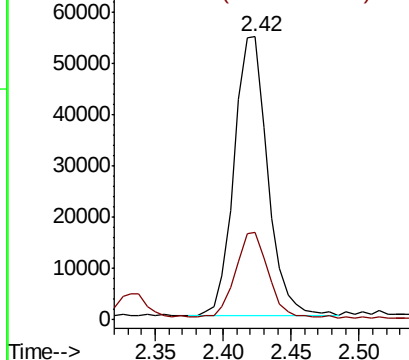
43 100

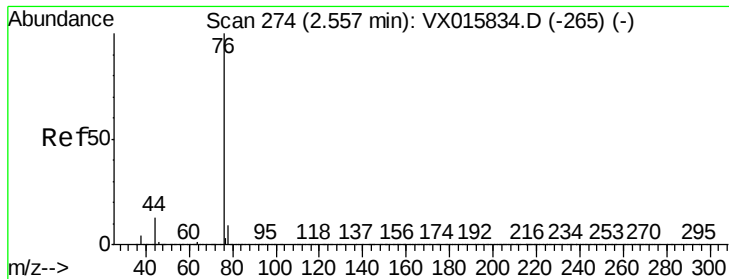
58 30.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.801 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

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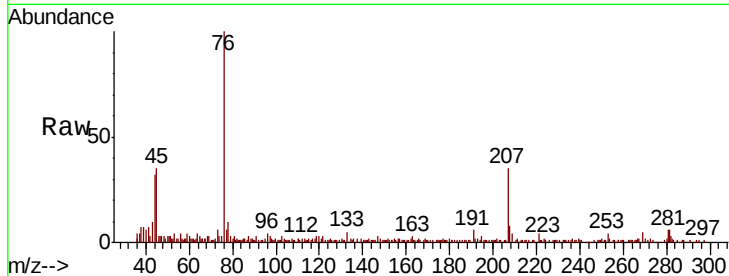
OK-01-042220

Tot Ion: 76 Resp: 22504

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

15000

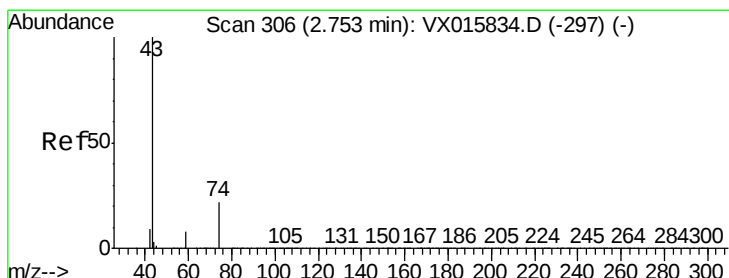
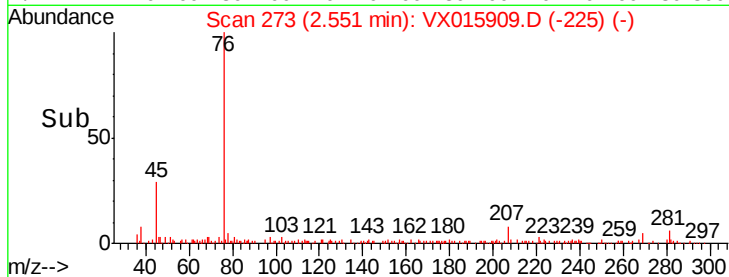
10000

5000

0

2.50 2.55 2.60

Time-->



#18

Methyl Acetate

Concen: 0.594 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015909.D

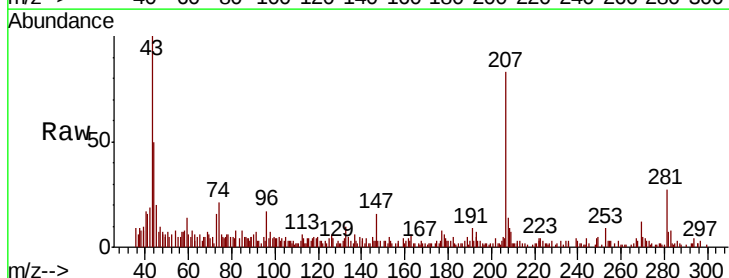
Acq: 23 Apr 2020 23:03

Tgt Ion: 43 Resp: 8582

Ion Ratio Lower Upper

43 100

74 32.0 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

6000

5000

4000

3000

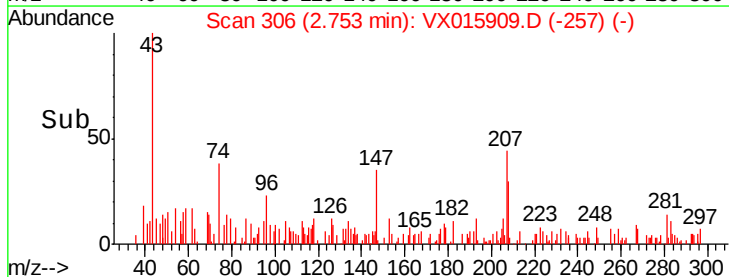
2000

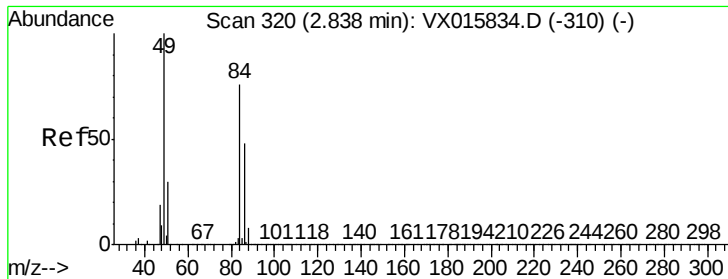
1000

0

2.70 2.75 2.80

Time-->

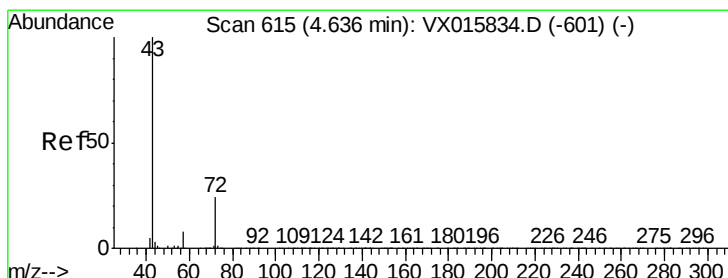
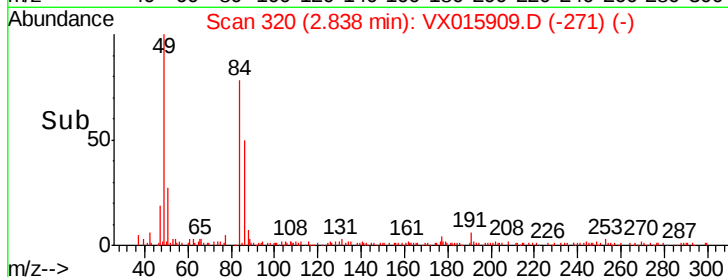
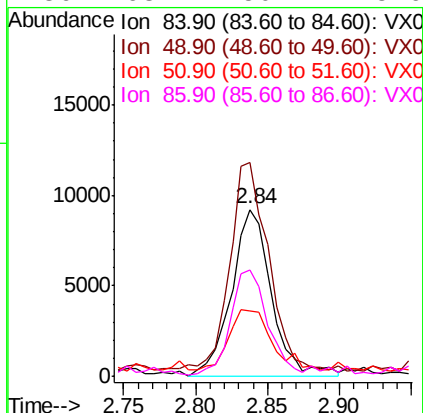
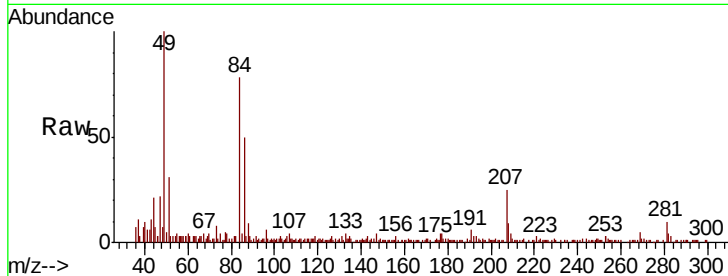




#20
Methvlene Chloride
Concen: 2.014 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

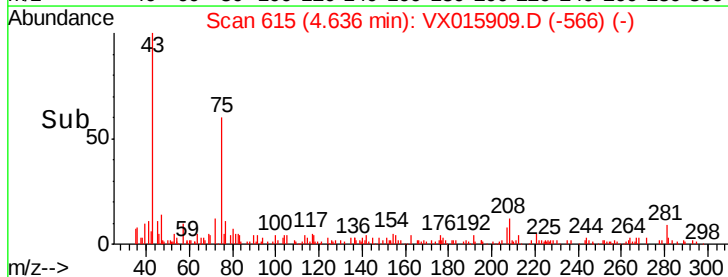
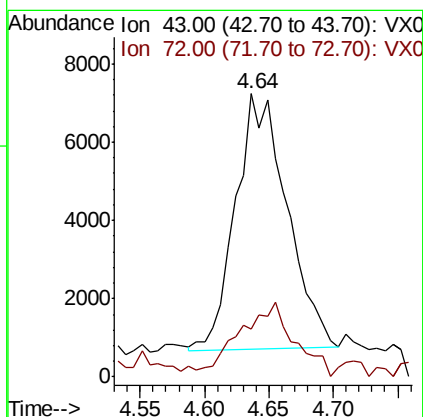
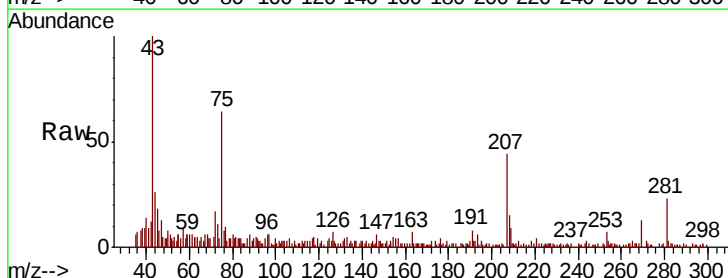
Instrument :
MSVOA_X
ClientSampleId :
OK-01-042220

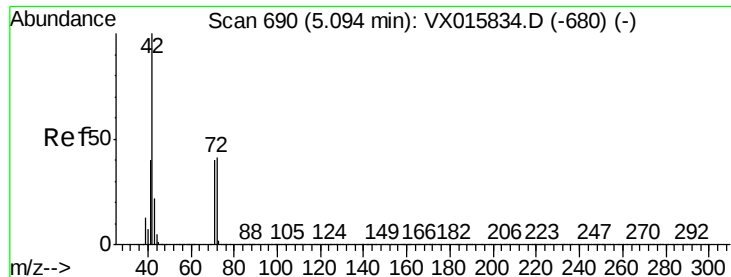
Tot Ion:	84	Resp:	17886
Ion	Ratio	Lower	Upper
84	100		
49	122.1	104.9	157.3
51	31.0	32.0	48.0#
86	63.2	50.4	75.6



#25
2-Butanone
Concen: 2.609 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Tgt Ion:	43	Resp:	18044
Ion	Ratio	Lower	Upper
43	100		
72	14.9	19.4	29.2#

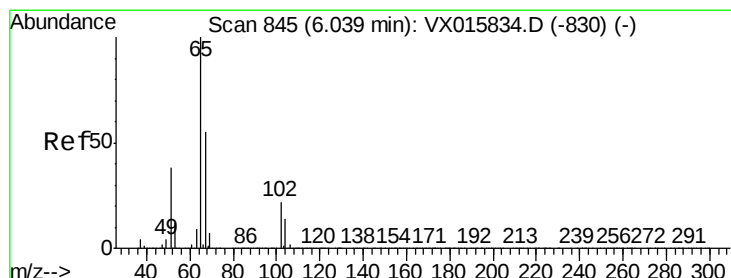
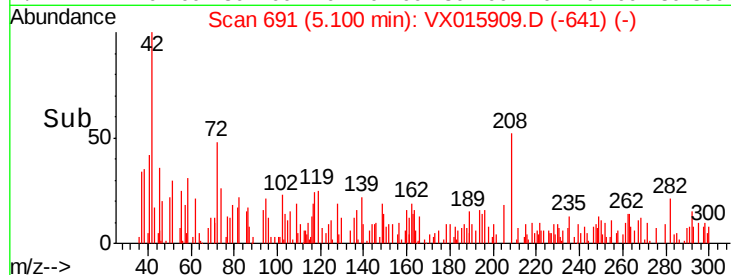
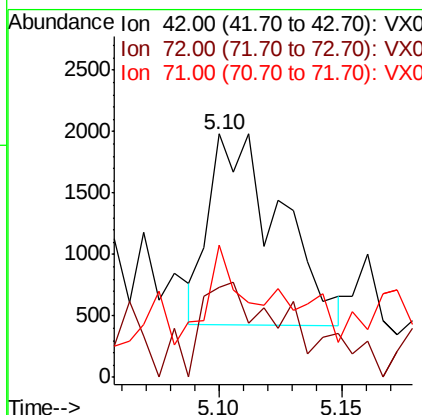
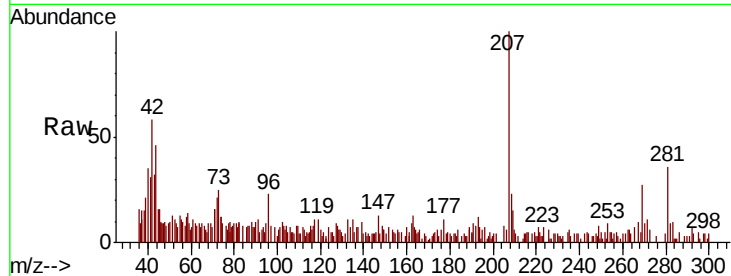




#29
Tetrahydrofuran
Concen: 0.681 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

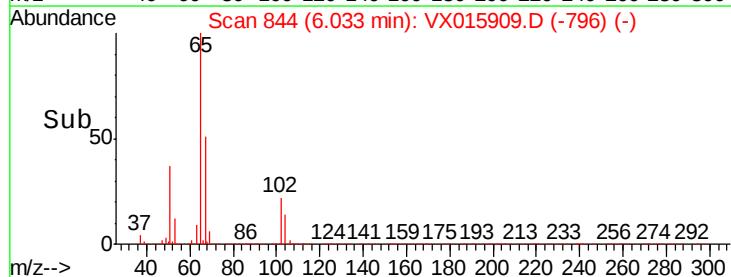
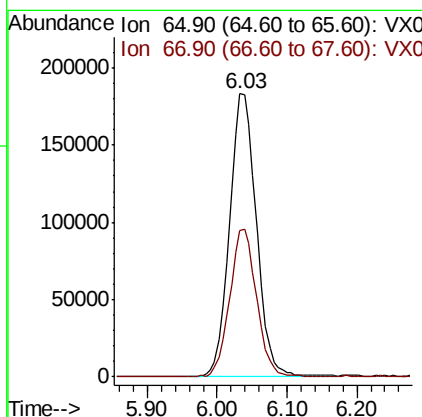
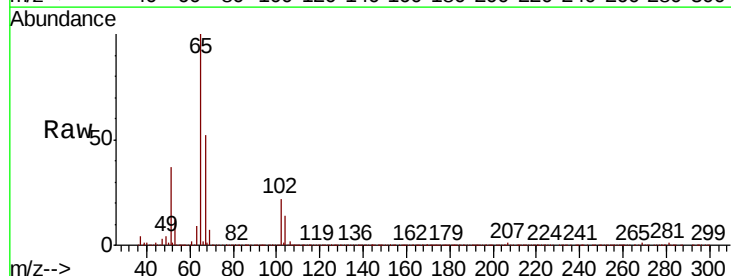
Instrument :
MSVOA_X
ClientSampleId :
OK-01-042220

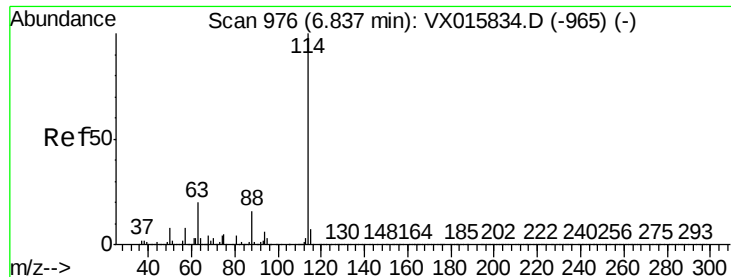
Tot Ion: 42 Resp: 3115
Ion Ratio Lower Upper
42 100
72 60.1 33.0 49.6#
71 27.3 30.6 45.8#



#33
1,2-Dichloroethane-d4
Concen: 48.784 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.01 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Tgt Ion: 65 Resp: 490181
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

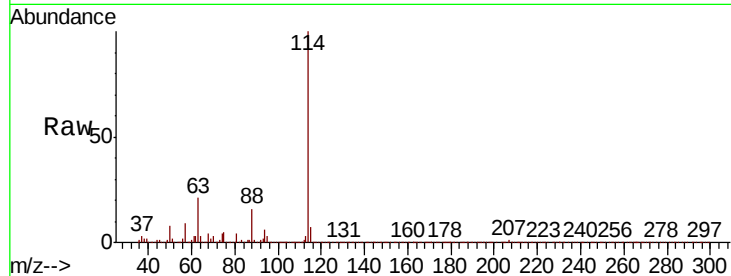
Tot Ion:114 Resp: 1328574

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

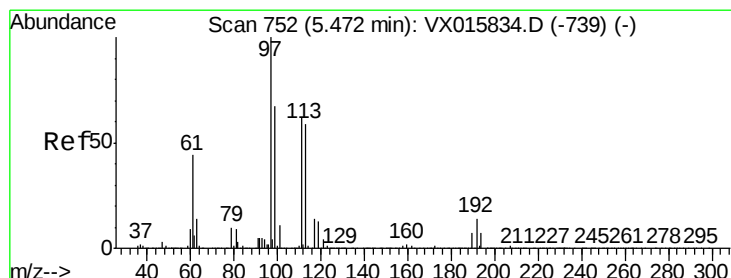
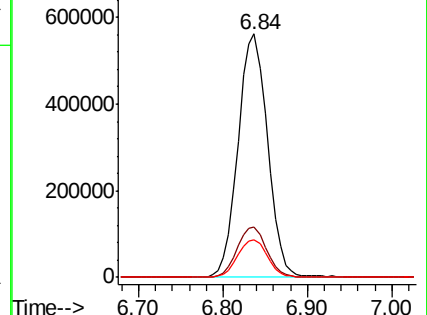
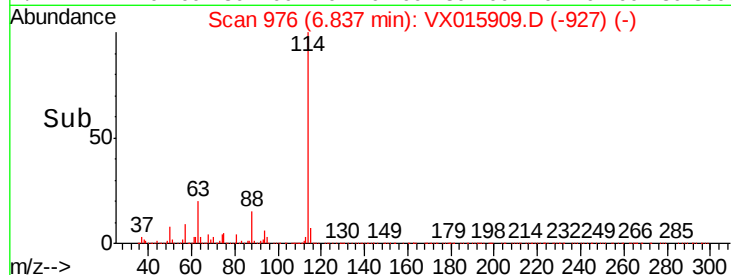
88 15.4 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 50.370 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

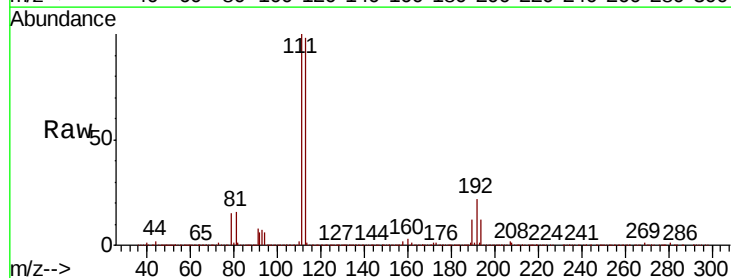
Tgt Ion:113 Resp: 386284

Ion Ratio Lower Upper

113 100

111 104.6 82.7 124.1

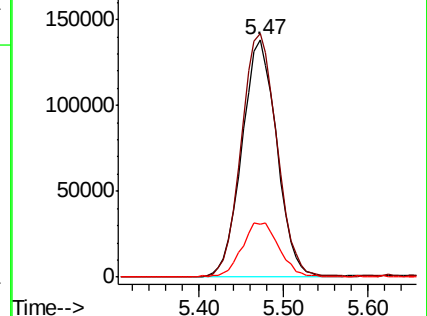
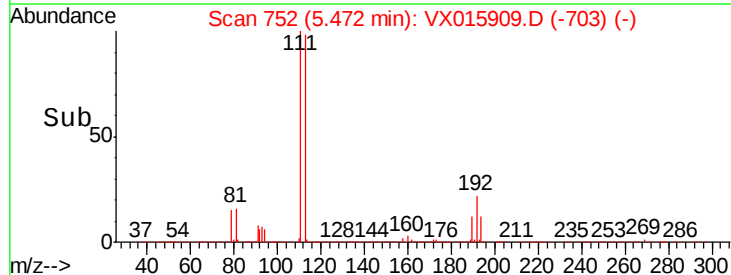
192 23.9 19.3 28.9

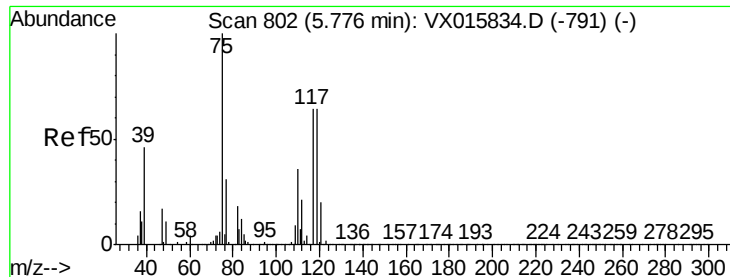


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

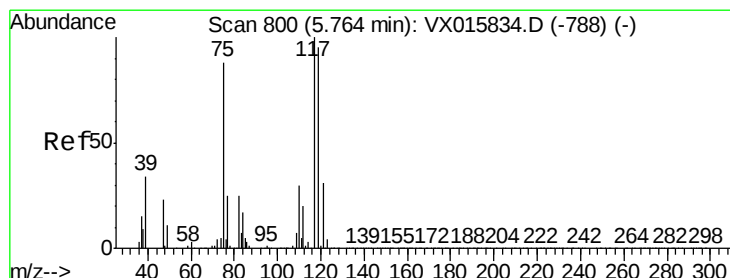
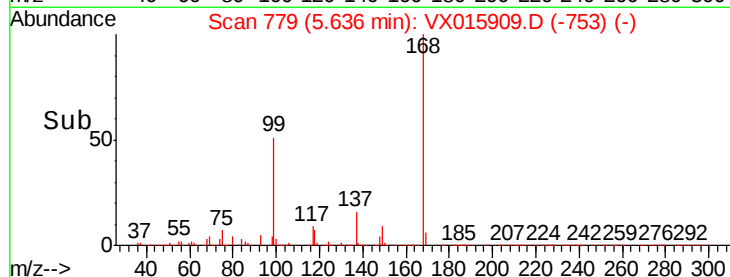
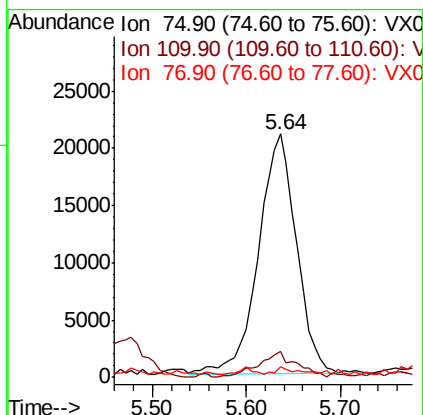
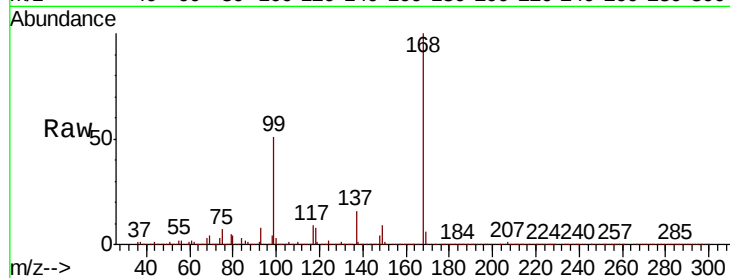




#36
 1,1-Dichloropropene
 Concen: 5.013 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

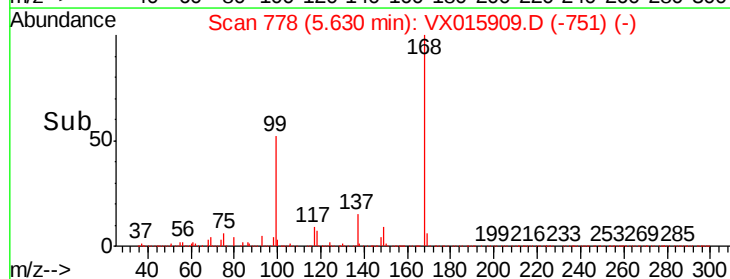
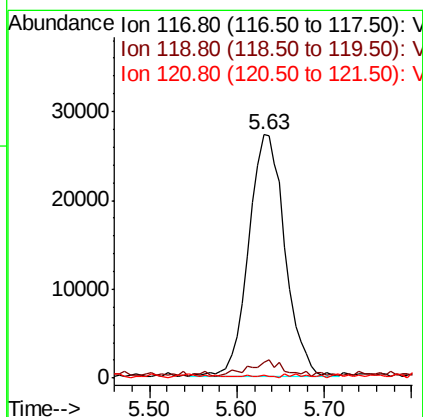
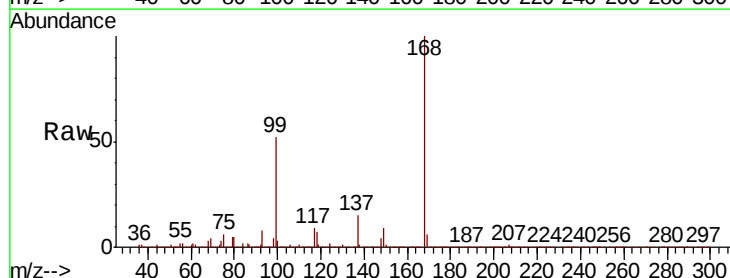
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

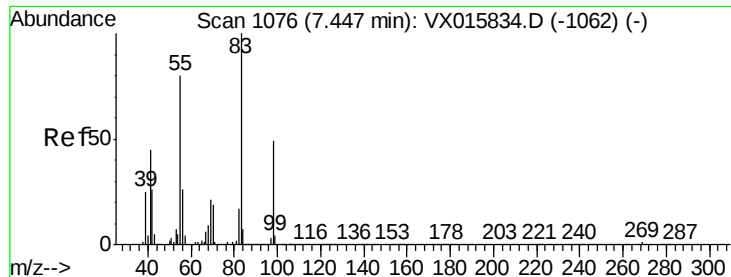
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.9	53.8#
77	1.5	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.702 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.7	113.5#
121	0.0	25.0	37.6#

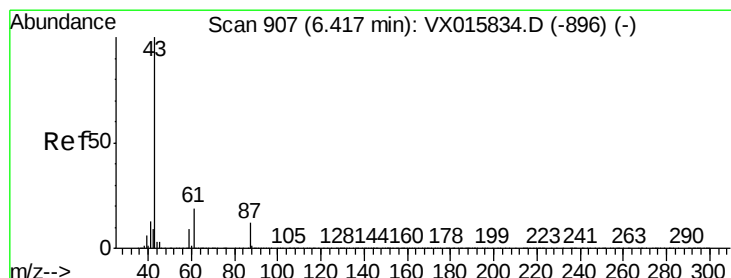
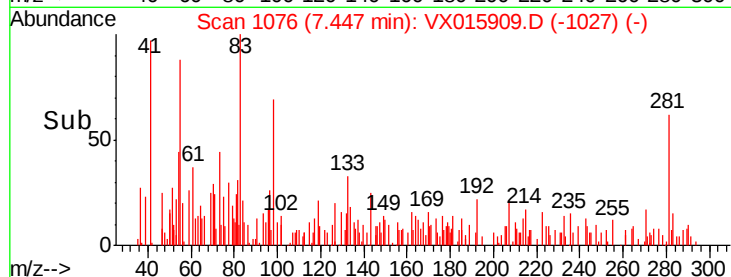
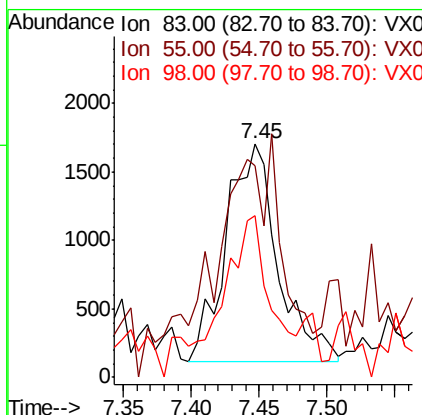
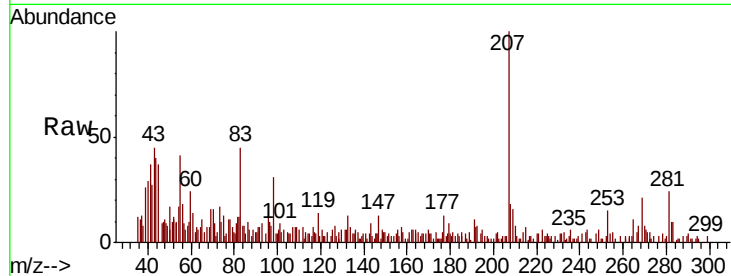




#39
Methylcyclohexane
Concen: 0.283 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

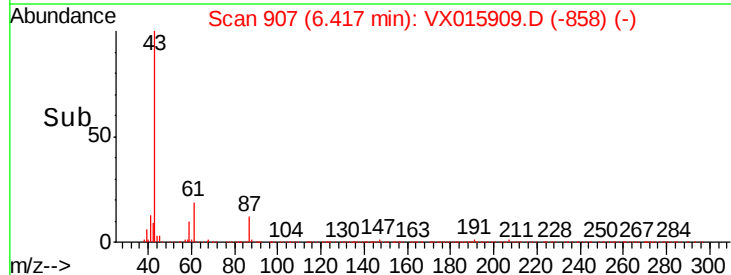
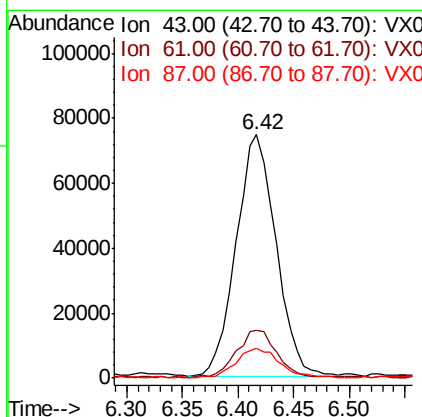
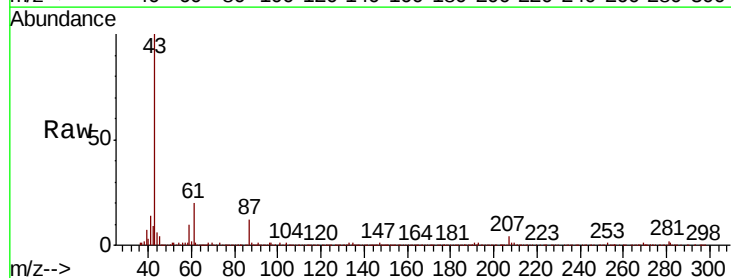
Instrument :
MSVOA_X
ClientSampleId :
OK-01-042220

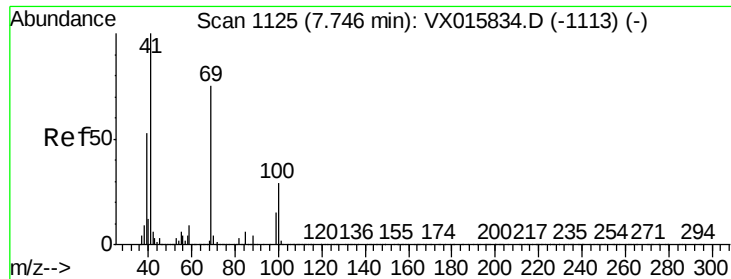
Tot Ion: 83 Resp: 4220
Ion Ratio Lower Upper
83 100
55 75.7 64.2 96.4
98 61.2 39.3 58.9#



#43
Isopropyl Acetate
Concen: 7.820 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Tgt Ion: 43 Resp: 184903
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.2
87 13.1 9.8 14.6

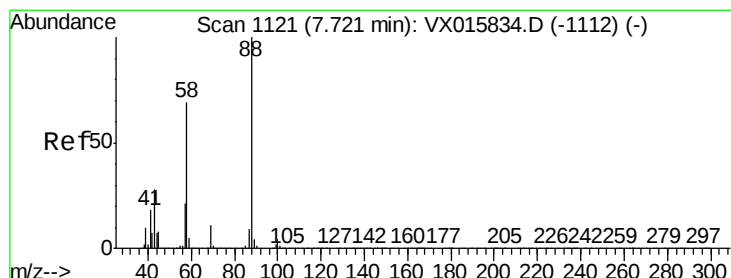
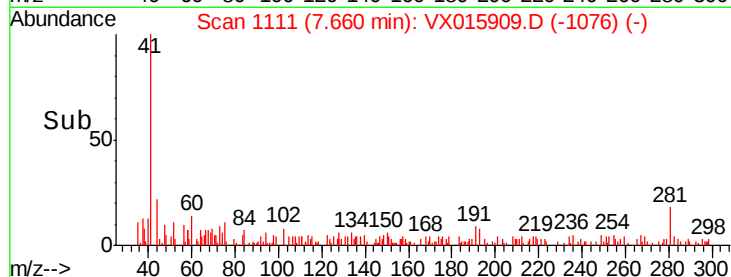
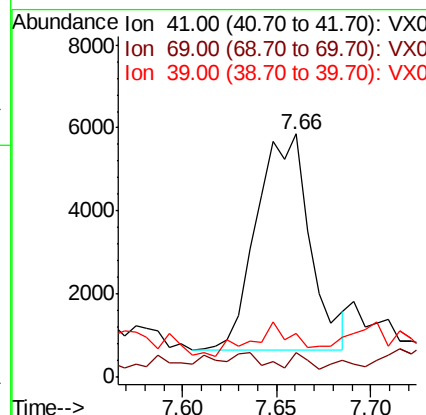
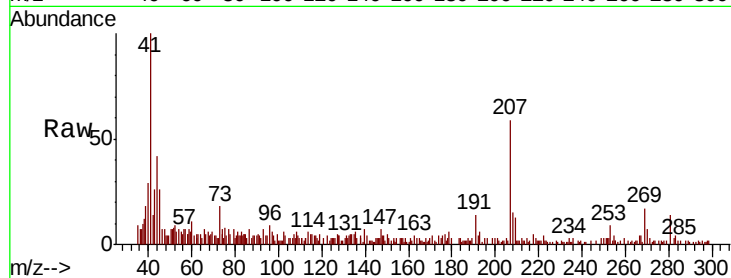




#48
Methyl methacrylate
Concen: 0.884 ug/l
RT: 7.66 min Scan# 1111
Delta R.T. -0.09 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

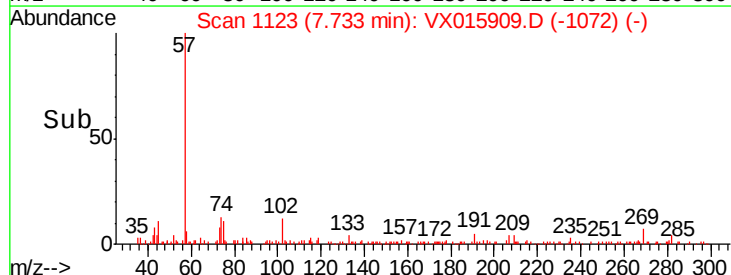
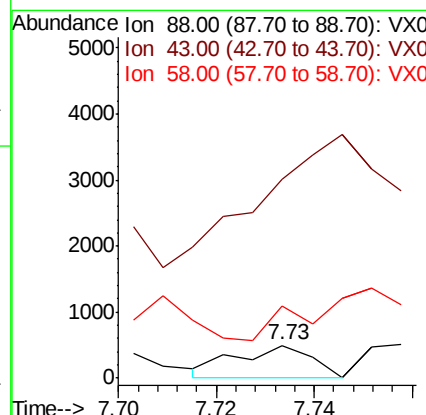
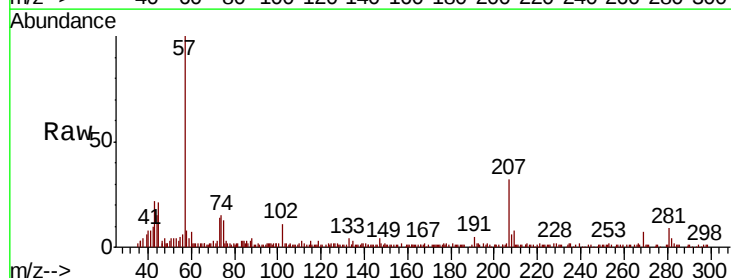
Instrument :
MSVOA_X
ClientSampleId :
OK-01-042220

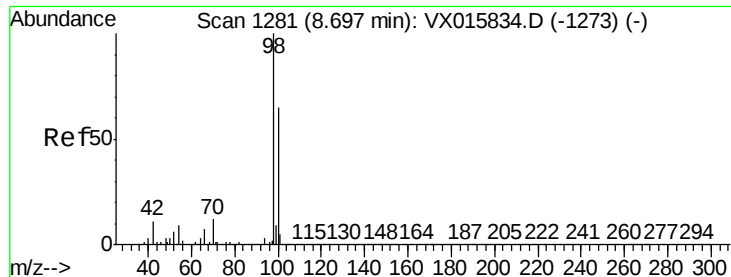
Tot Ion: 41 Resp: 10277
Ion Ratio Lower Upper
41 100
69 2.4 60.5 90.7#
39 0.0 42.1 63.1#



#49
1,4-Dioxane
Concen: 2.388 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Tgt Ion: 88 Resp: 525
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 58.9 88.3#

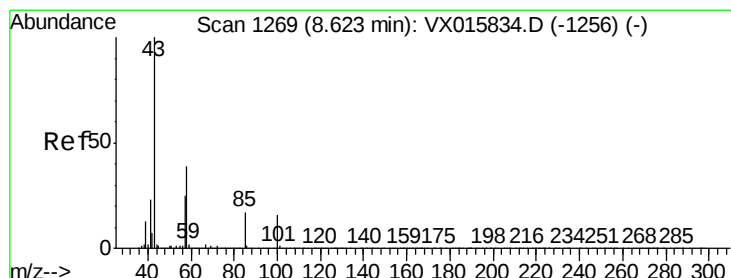
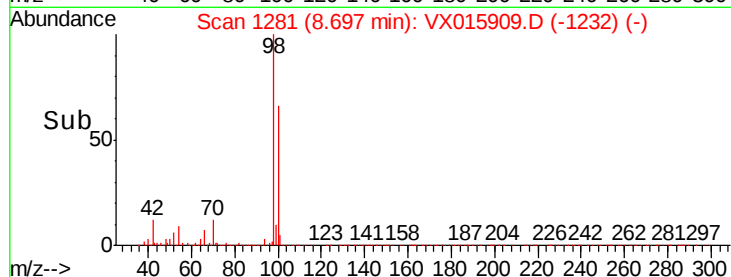
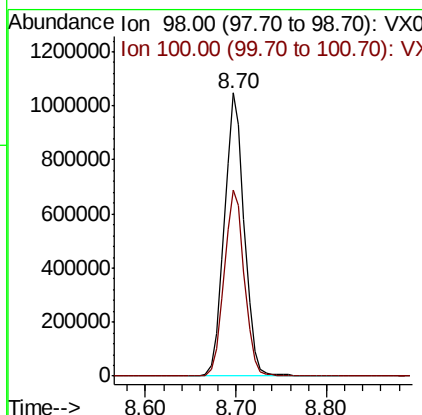
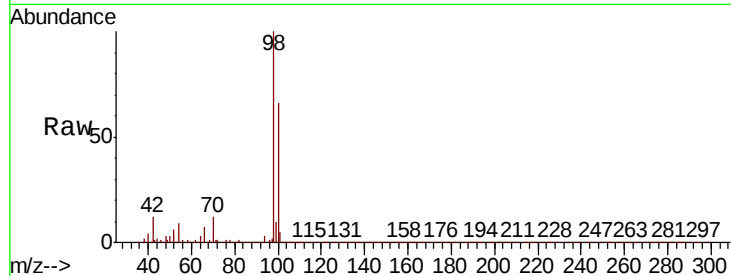




#50
Toluene-d8
Concen: 52.321 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

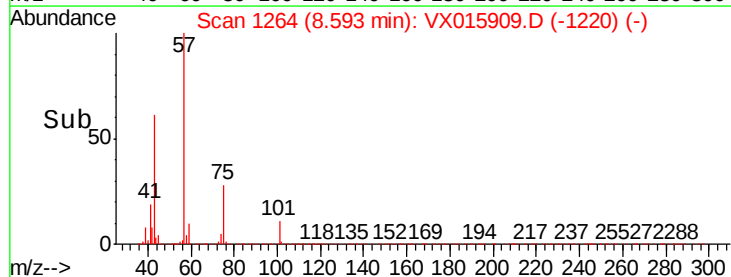
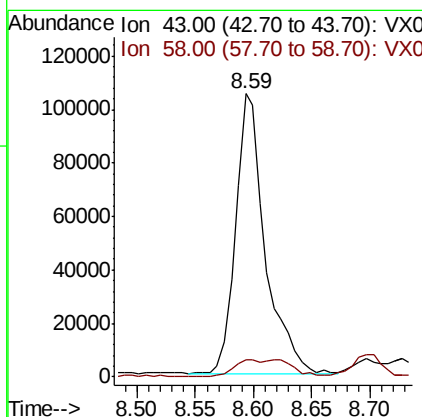
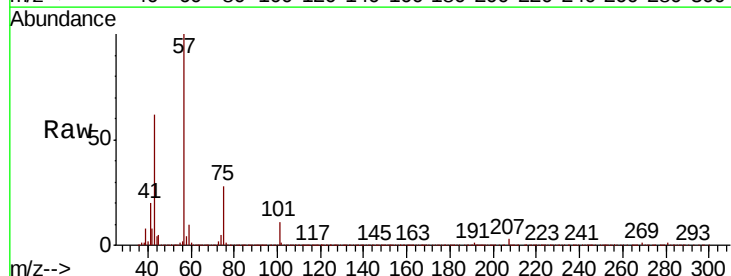
Instrument :
MSVOA_X
ClientSampleId :
OK-01-042220

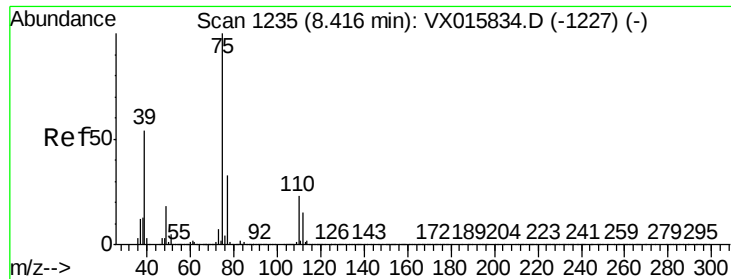
Tot Ion: 98 Resp: 1615241
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 13.630 ug/l
RT: 8.59 min Scan# 1264
Delta R.T. -0.03 min
Lab File: VX015909.D
Acq: 23 Apr 2020 23:03

Tgt Ion: 43 Resp: 186031
Ion Ratio Lower Upper
43 100
58 5.1 30.6 45.8#



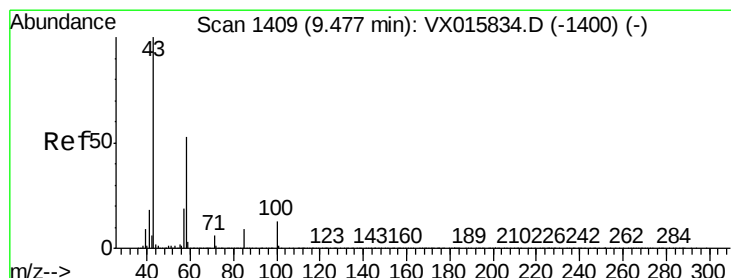
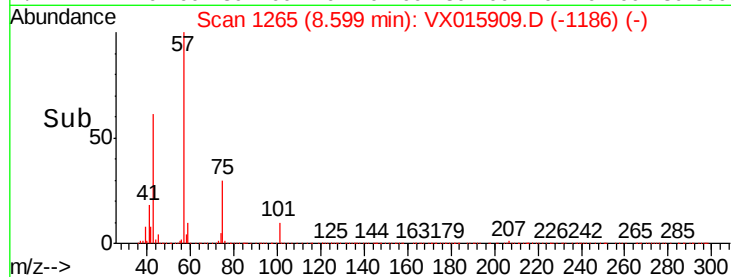
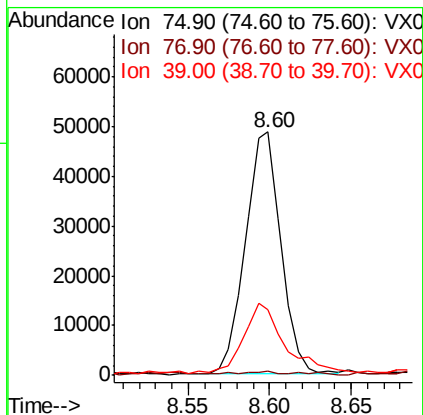
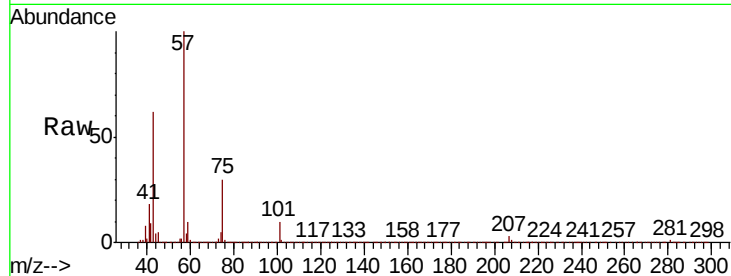


#54

cis-1,3-Dichloropropene
 Concen: 4.675 ug/l
 RT: 8.60 min Scan# 1265
 Delta R.T. 0.18 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

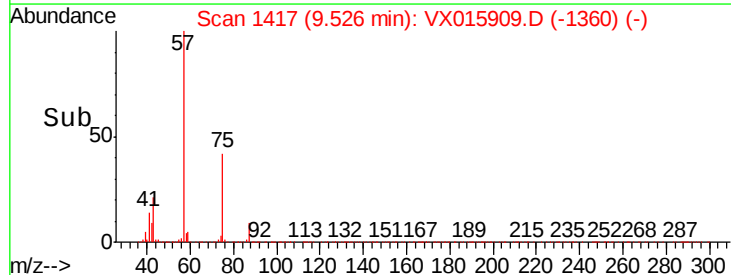
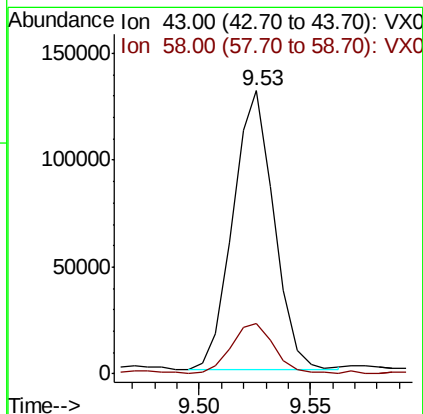
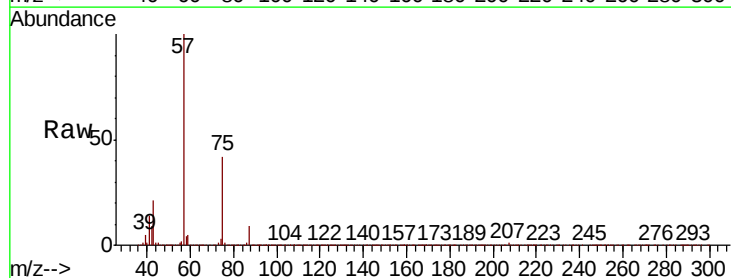
Tot Ion: 75 Resp: 74017
 Ion Ratio Lower Upper
 75 100
 77 1.6 26.0 39.0#
 39 26.5 42.8 64.2#

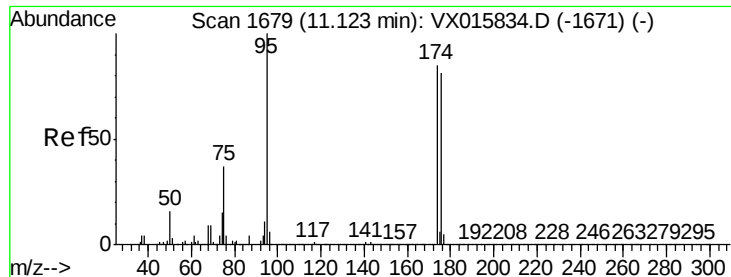


#59

2-Hexanone
 Concen: 16.150 ug/l
 RT: 9.53 min Scan# 1417
 Delta R.T. 0.05 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Tgt Ion: 43 Resp: 167917
 Ion Ratio Lower Upper
 43 100
 58 18.3 26.5 79.4#





#62

4-Bromofluorobenzene

Concen: 53.063 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

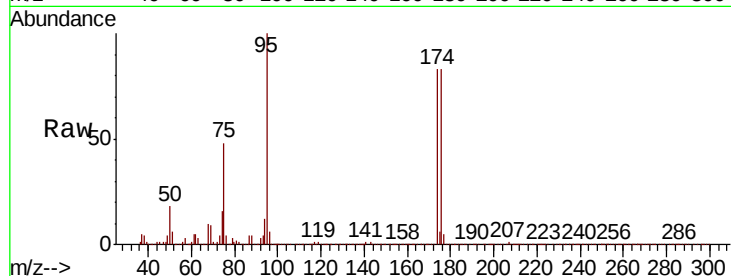
Tot Ion: 95 Resp: 672021

Ion Ratio Lower Upper

95 100

174 87.2 0.0 172.4

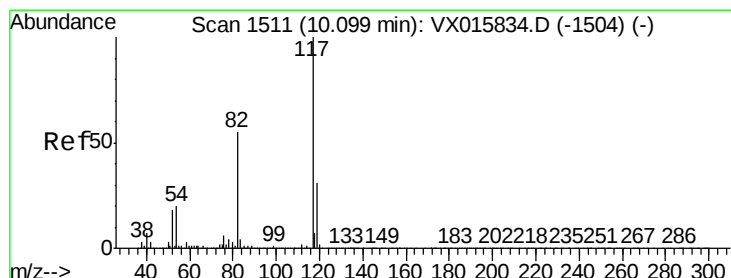
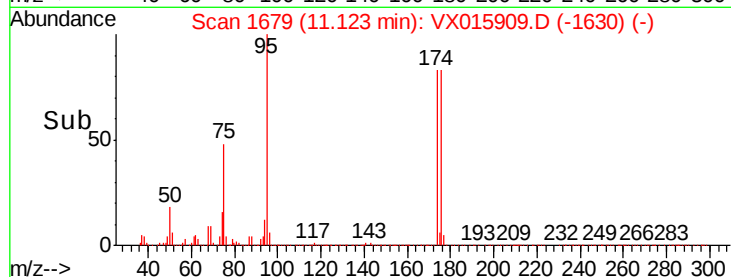
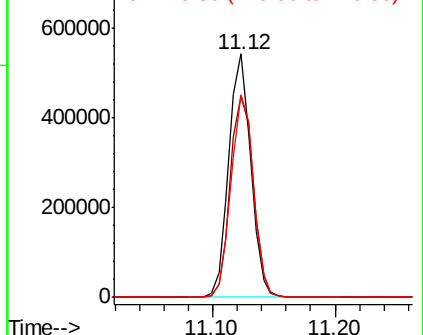
176 84.4 0.0 167.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

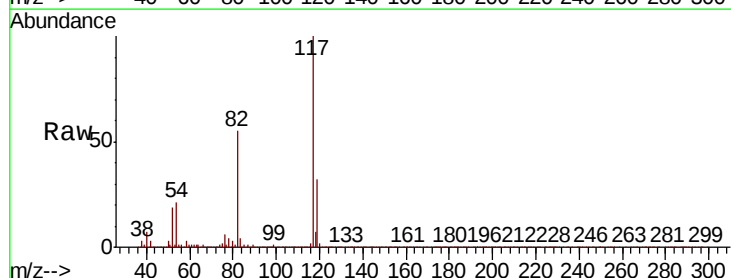
Tgt Ion: 117 Resp: 1300839

Ion Ratio Lower Upper

117 100

82 54.7 43.9 65.9

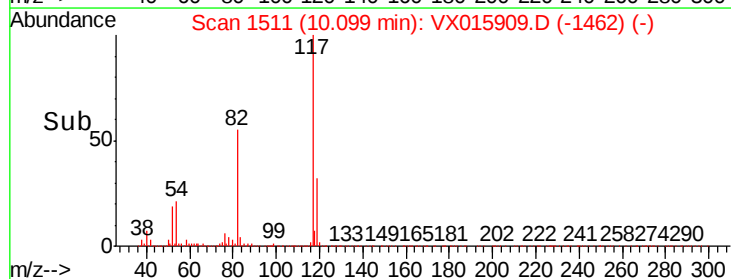
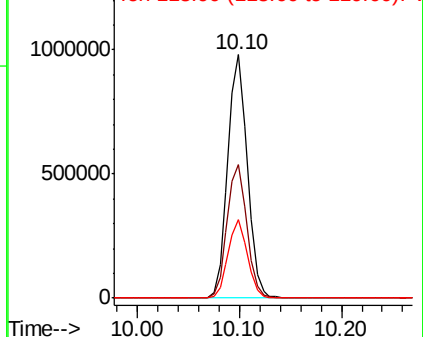
119 32.3 25.1 37.7

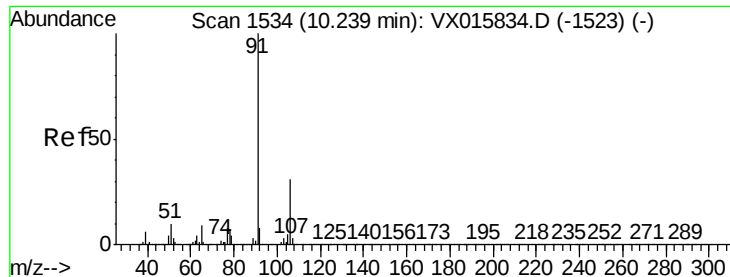


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 0.226 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

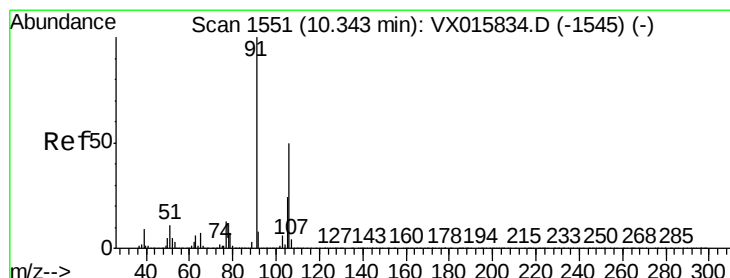
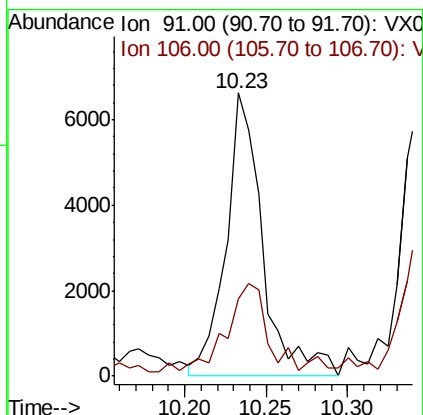
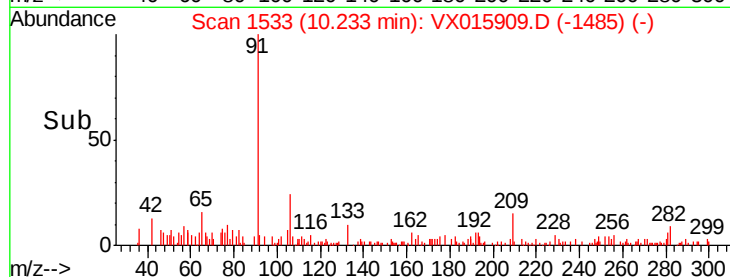
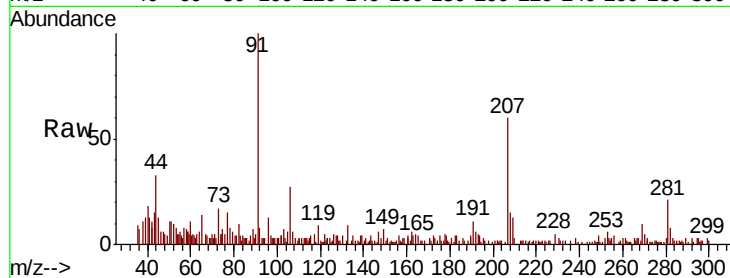
OK-01-042220

Tot Ion: 91 Resp: 10326

Ion Ratio Lower Upper

91 100

106 24.4 25.0 37.4#



#68

m/p-Xylenes

Concen: 0.264 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015909.D

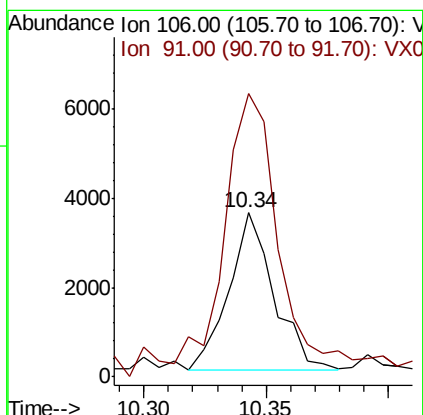
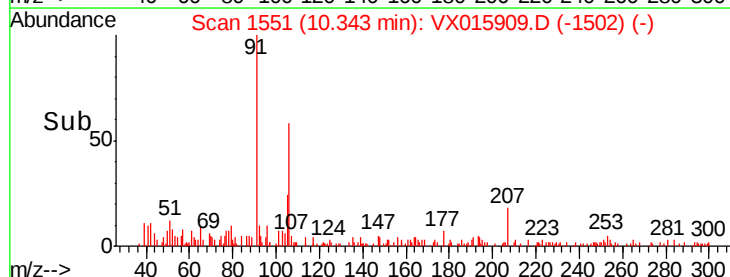
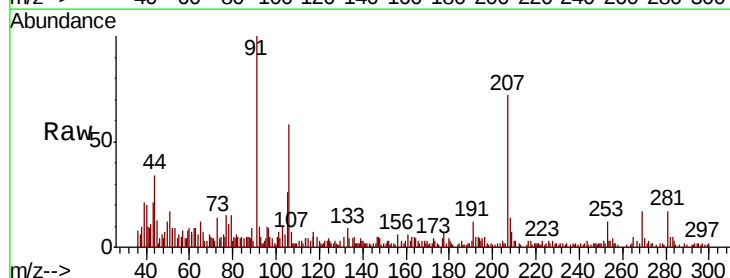
Acq: 23 Apr 2020 23:03

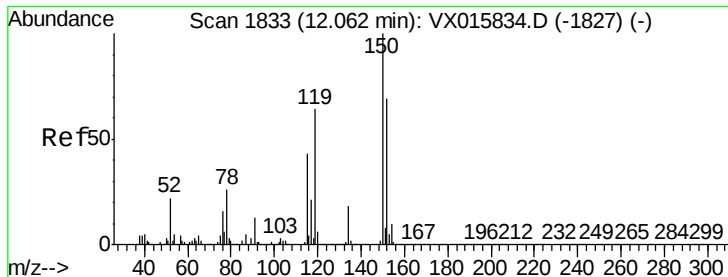
Tgt Ion: 106 Resp: 4526

Ion Ratio Lower Upper

106 100

91 239.9 161.1 241.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

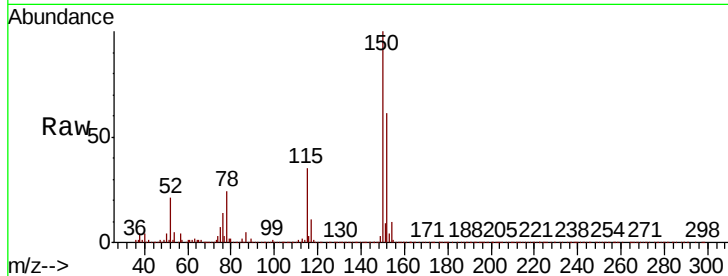
Tot Ion:152 Resp: 718605

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

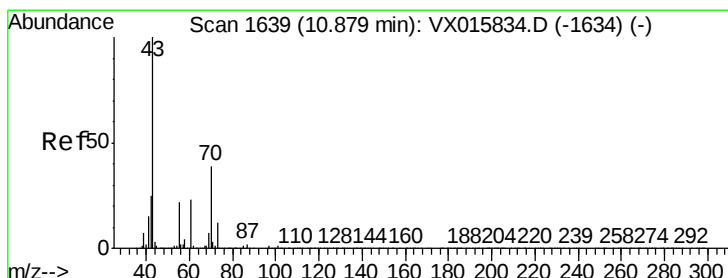
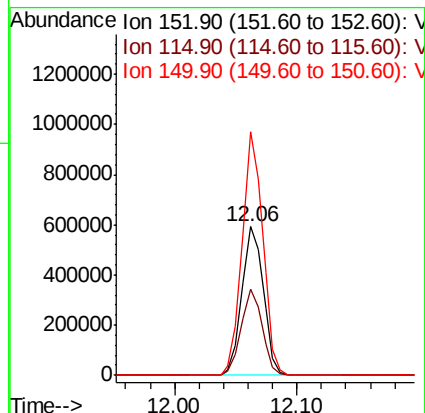
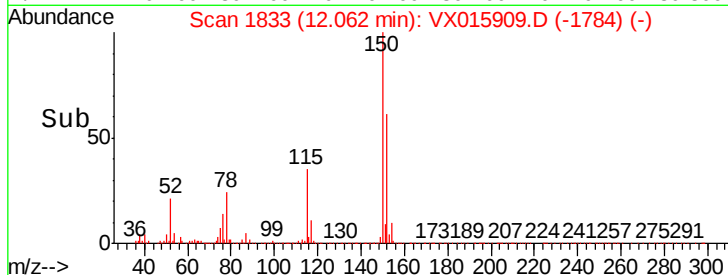
150 157.2 0.0 336.8



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



#74

N-ethyl acetate

Concen: 0.448 ug/l

RT: 10.81 min Scan# 1627

Delta R.T. -0.07 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Tgt Ion: 43 Resp: 10545

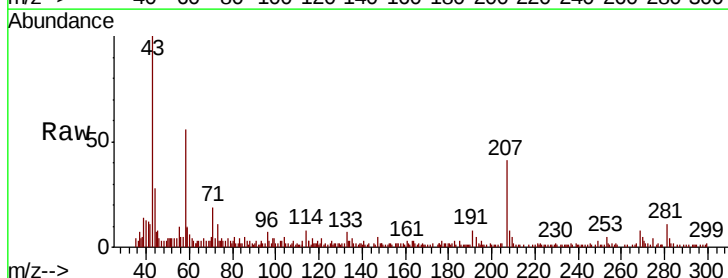
Ion Ratio Lower Upper

43 100

70 4.7 32.6 49.0#

55 10.1 18.3 27.5#

61 0.0 18.7 28.1#

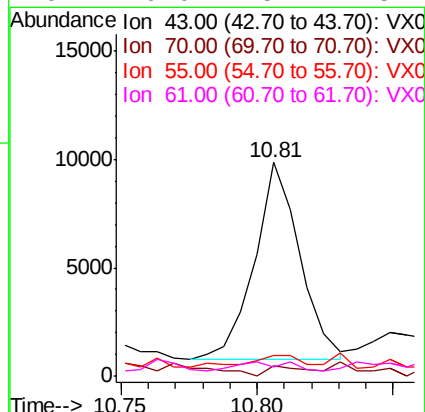
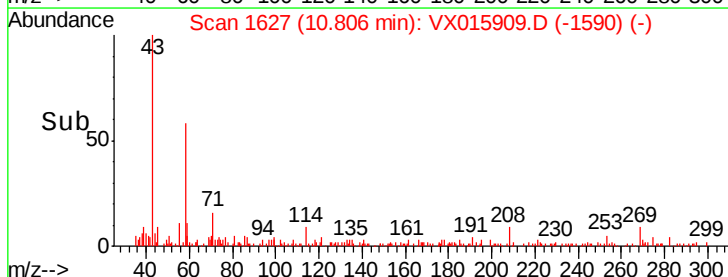


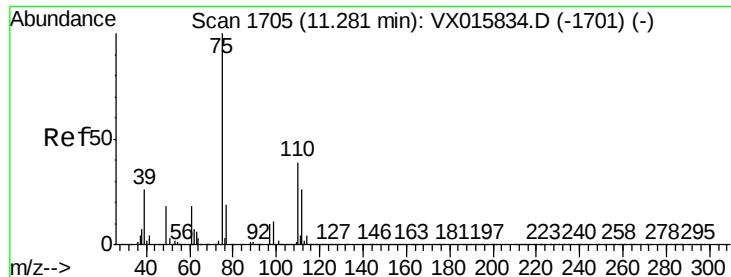
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 23.992 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

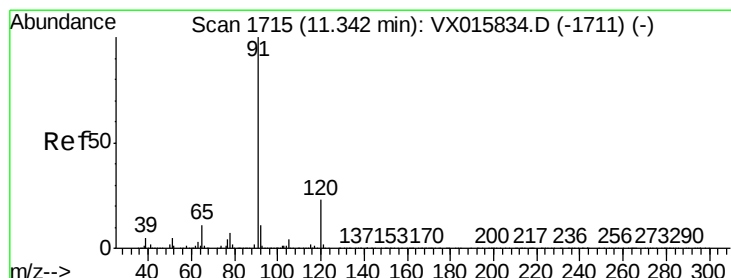
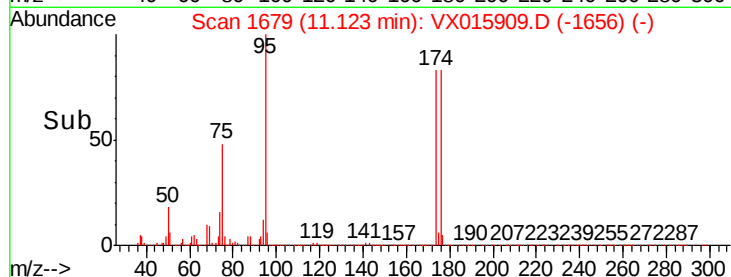
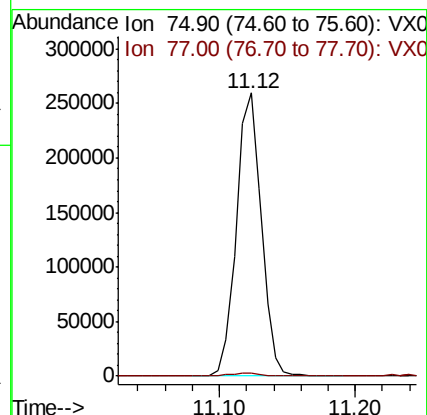
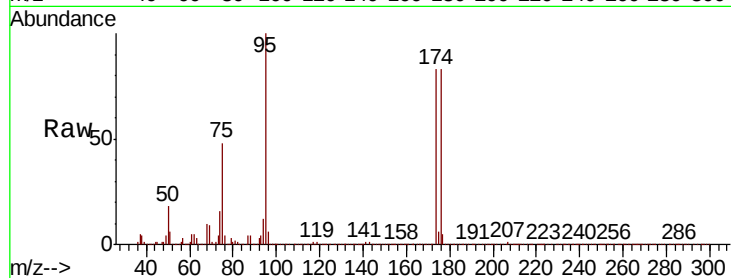
OK-01-042220

Tot Ion: 75 Resp: 327843

Ion Ratio Lower Upper

75 100

77 1.2 21.3 63.9#



#78

n-propylbenzene

Concen: 0.304 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015909.D

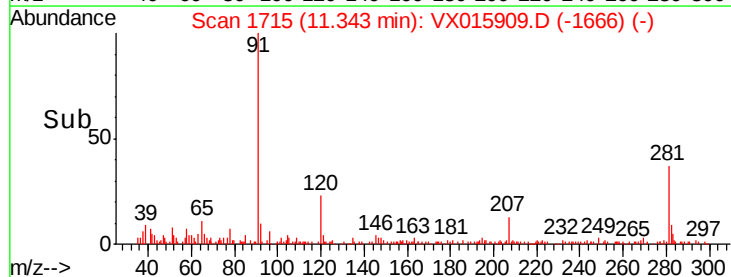
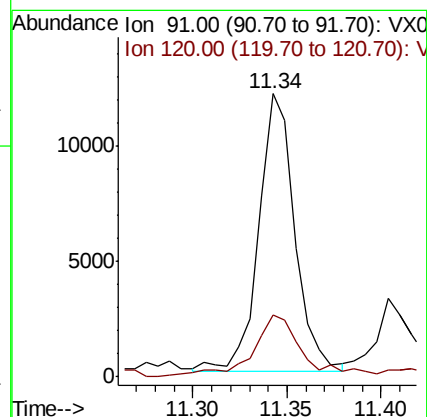
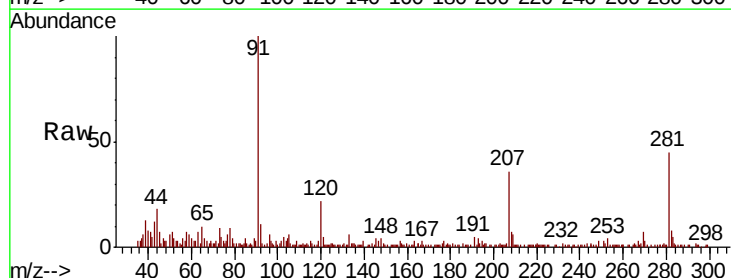
Acq: 23 Apr 2020 23:03

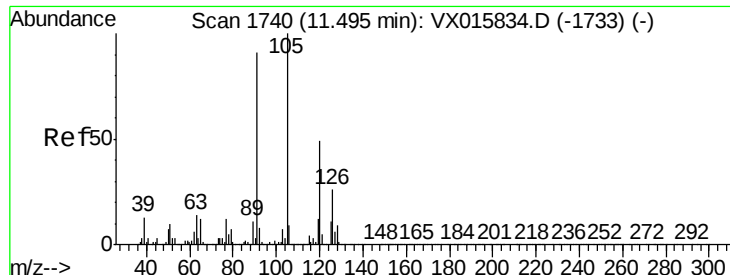
Tgt Ion: 91 Resp: 15879

Ion Ratio Lower Upper

91 100

120 31.3 11.7 35.1

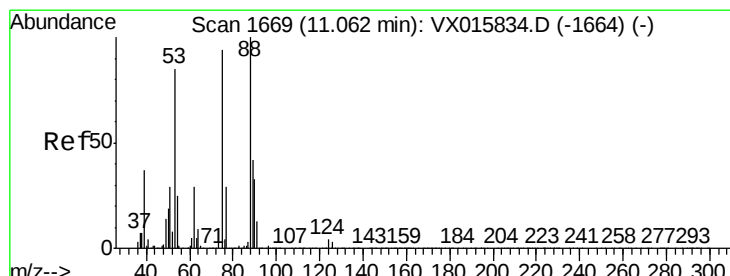
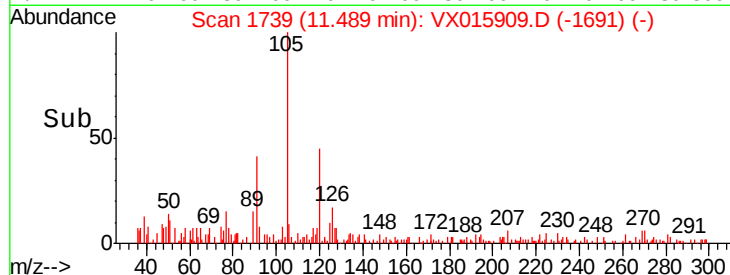
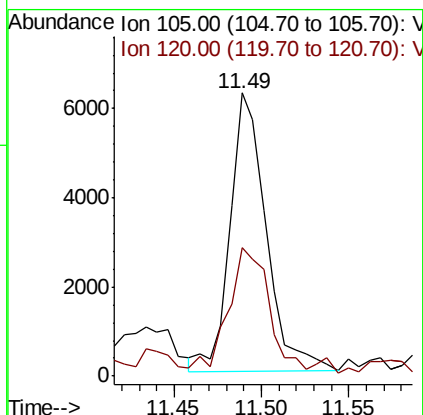
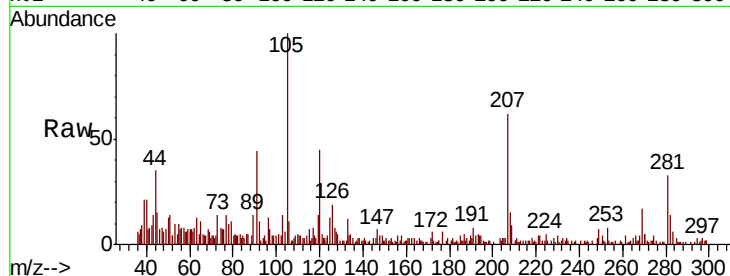




#80
 1,3,5-Trimethylbenzene
 Concen: 0.230 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

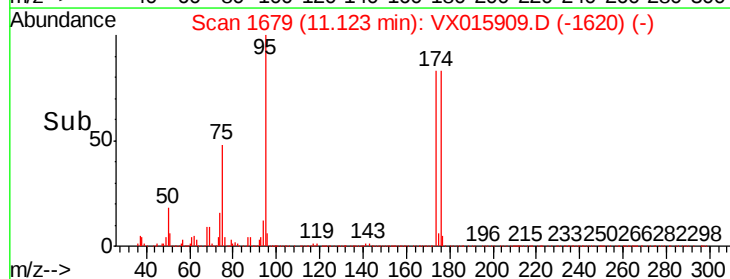
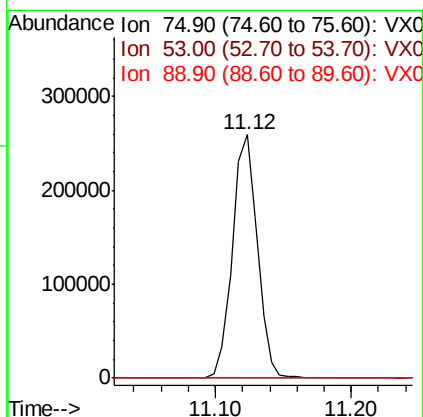
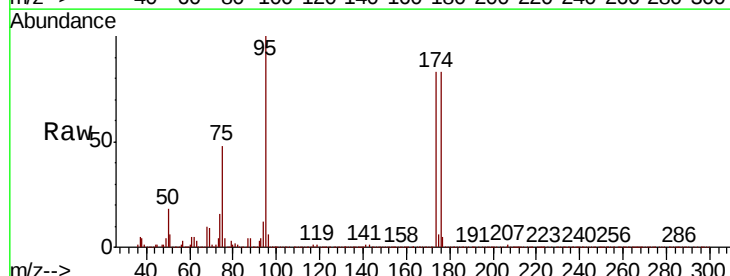
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

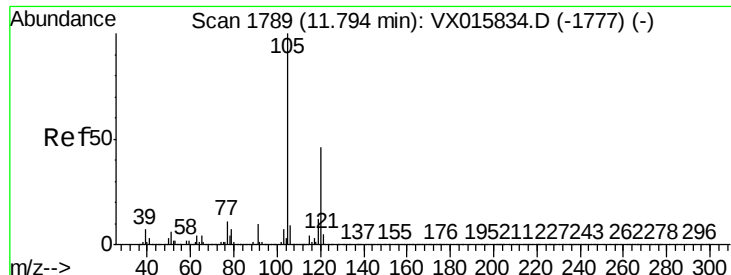
Tot Ion:105 Resp: 8932
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.713 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Tgt Ion: 75 Resp: 327843
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.2#
 89 0.2 38.0 57.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.229 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

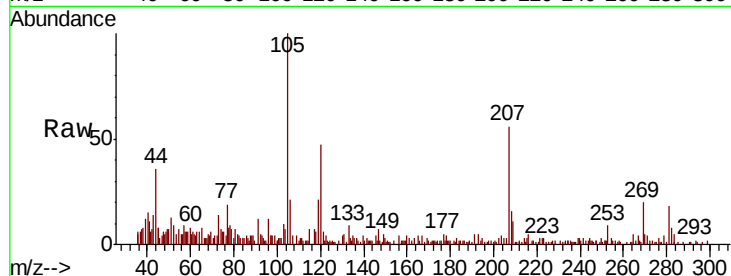
OK-01-042220

Tot Ion:105 Resp: 9257

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

4000

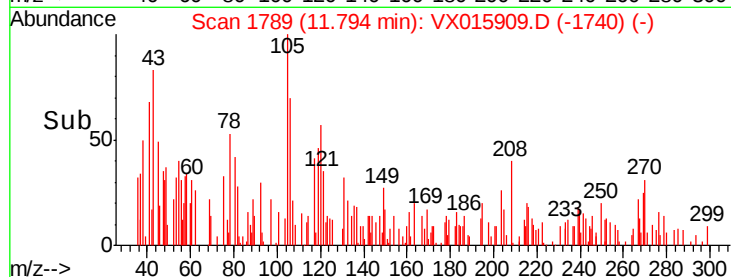
2000

0

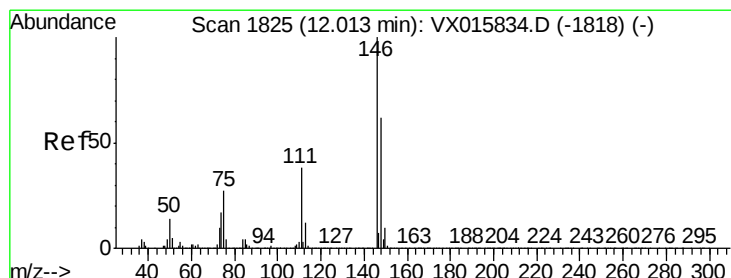
11.75

11.80

11.85



Time-->



#87

1,3-Dichlorobenzene

Concen: 0.215 ug/l

RT: 12.01 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

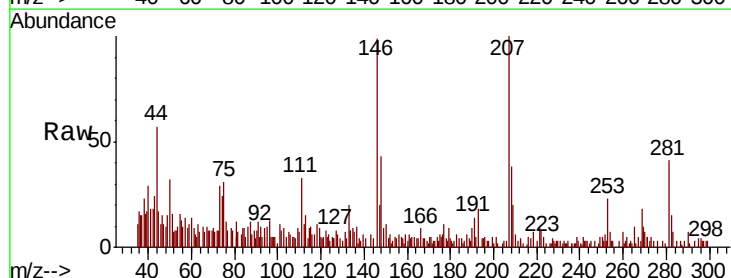
Tgt Ion:146 Resp: 4931

Ion Ratio Lower Upper

146 100

111 44.0 19.1 57.1

148 74.8 30.9 92.7



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

8000

6000

4000

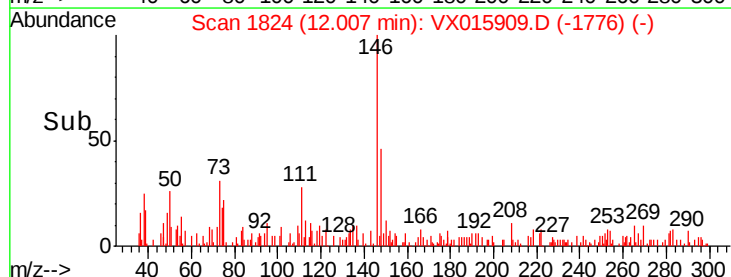
2000

0

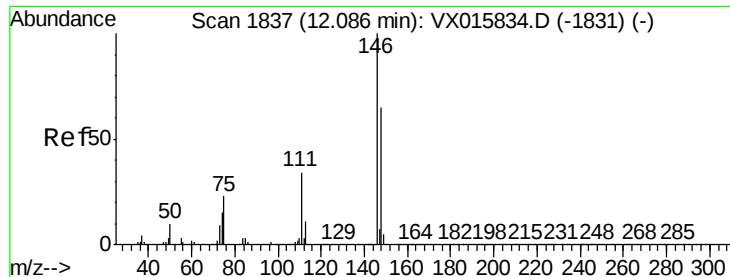
11.95

12.00

12.05



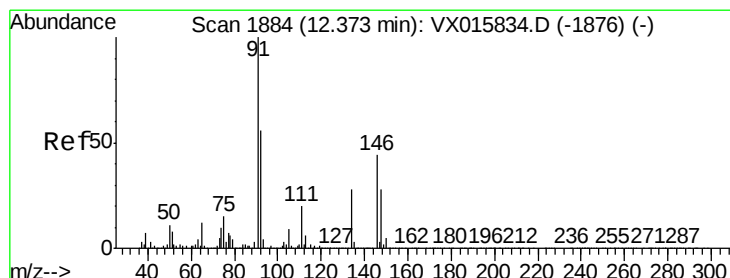
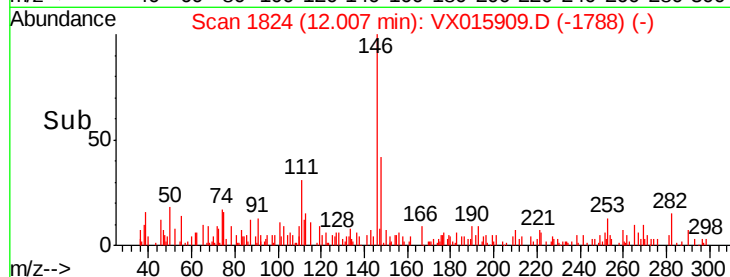
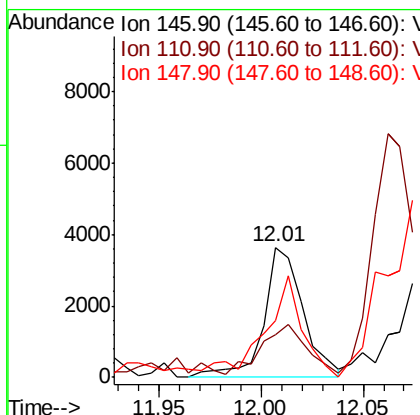
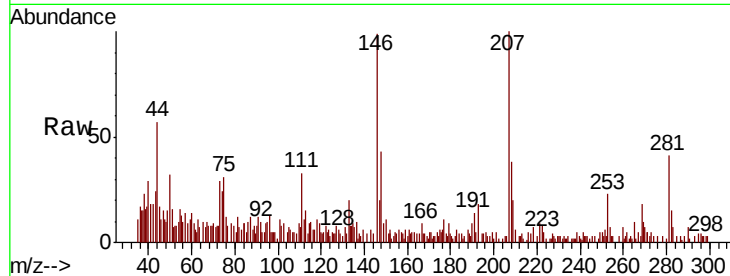
Time-->



#88
 1,4-Dichlorobenzene
 Concen: 0.215 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.08 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

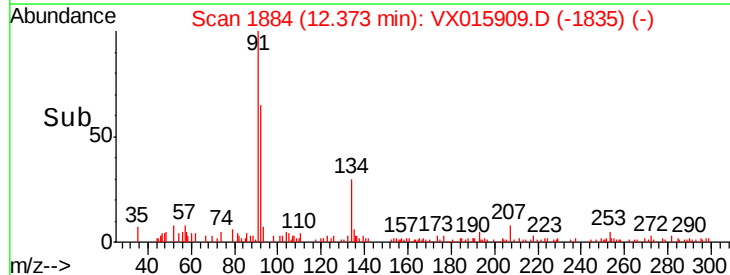
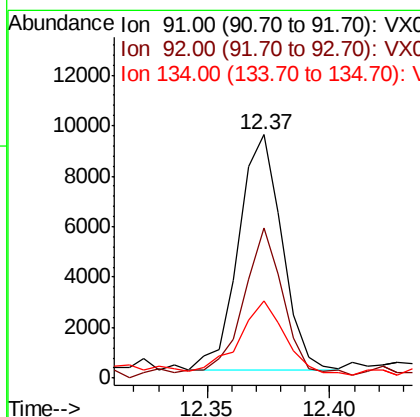
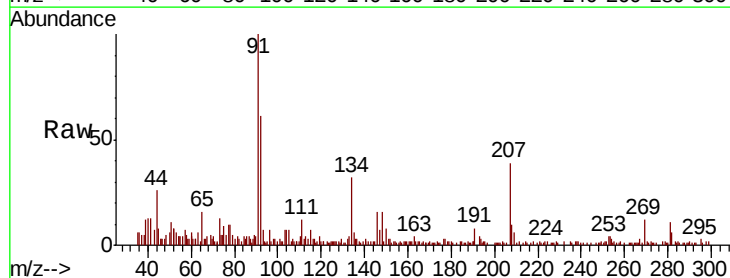
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

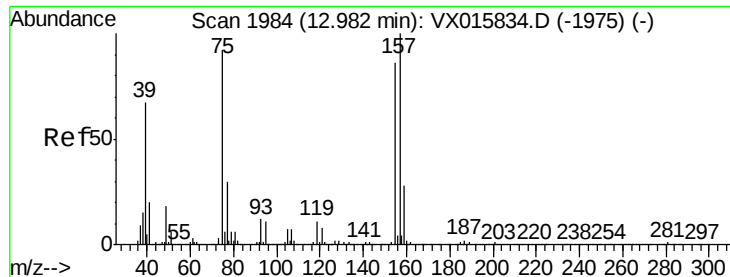
Tot Ion:146 Resp: 4931
 Ion Ratio Lower Upper
 146 100
 111 44.0 19.4 58.2
 148 74.8 33.8 101.4



#89
 n-Butylbenzene
 Concen: 0.299 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Tgt Ion: 91 Resp: 11363
 Ion Ratio Lower Upper
 91 100
 92 58.3 27.7 83.1
 134 34.3 14.1 42.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.242 ug/l

RT: 12.99 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

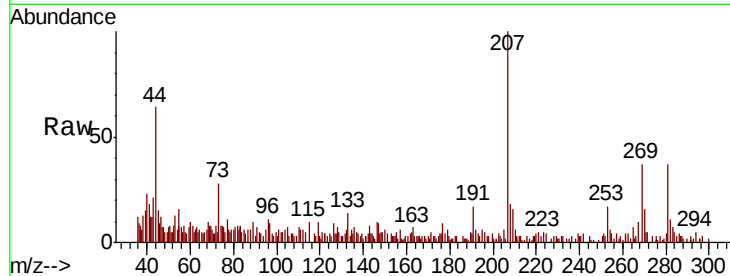
Tot Ion: 75 Resp: 692

Ion Ratio Lower Upper

75 100

155 119.5 48.1 144.4

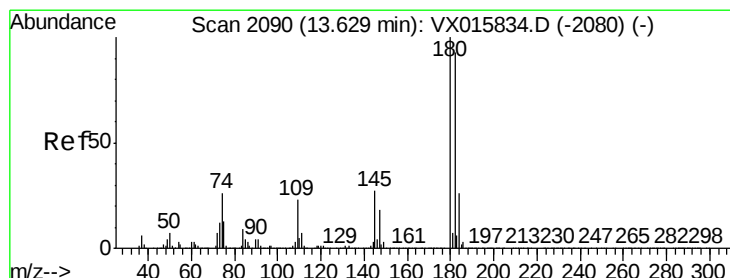
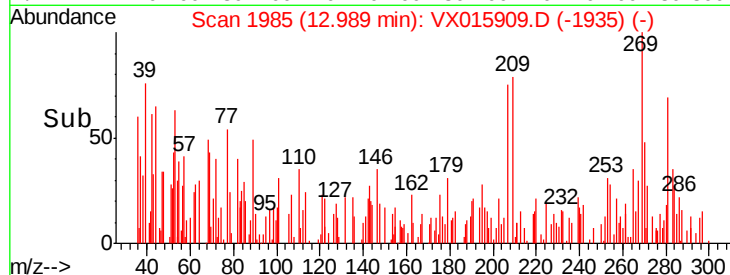
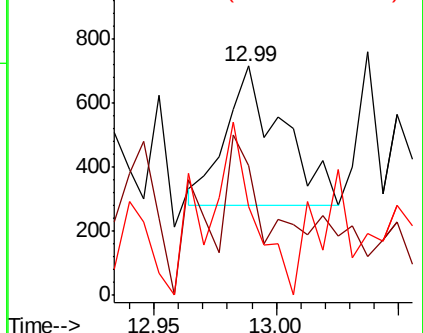
157 104.3 58.9 176.7



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: 0.341 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

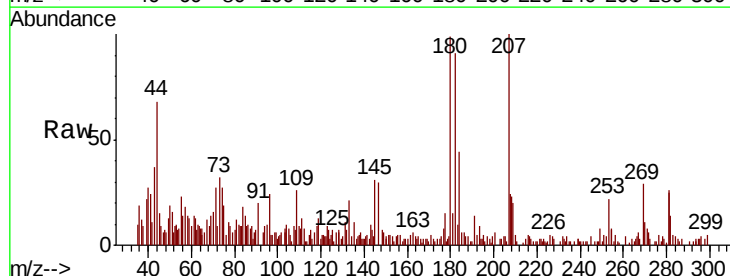
Tgt Ion: 180 Resp: 5836

Ion Ratio Lower Upper

180 100

182 99.9 47.7 143.1

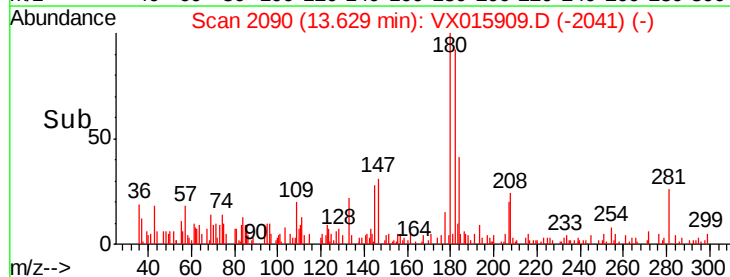
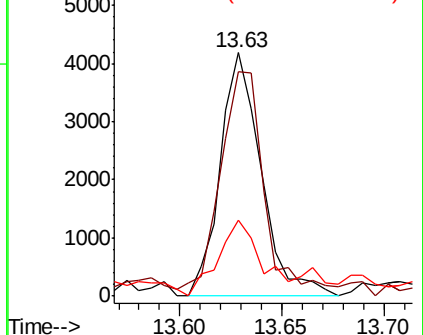
145 32.7 14.5 43.5

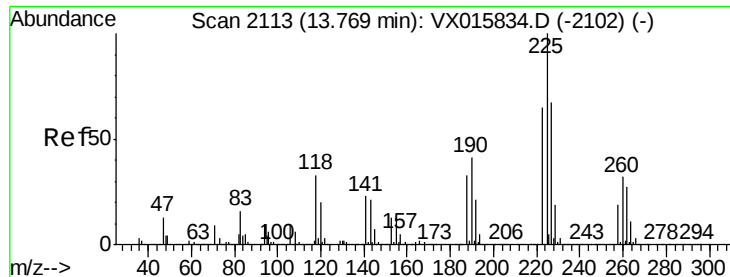


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.485 ug/l

RT: 13.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

Instrument :

MSVOA_X

ClientSampleId :

OK-01-042220

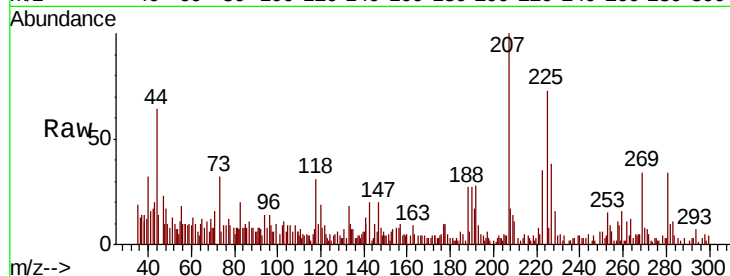
Tot Ion:225 Resp: 3721

Ion Ratio Lower Upper

225 100

223 67.6 31.3 93.8

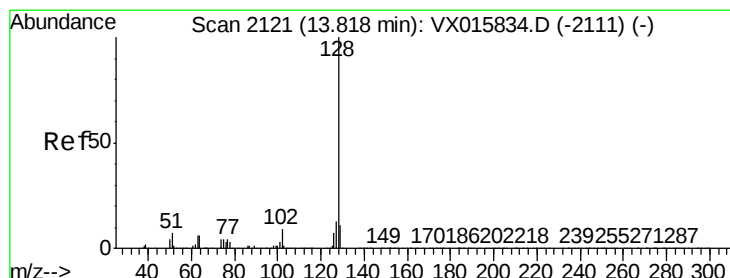
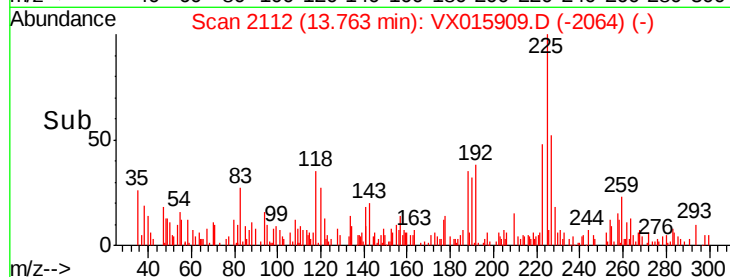
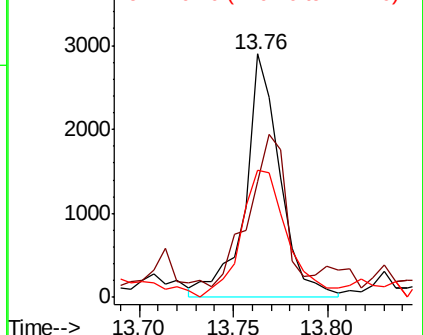
227 70.0 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.239 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015909.D

Acq: 23 Apr 2020 23:03

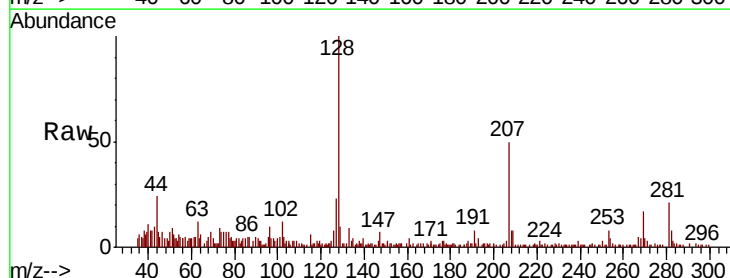
Tgt Ion:128 Resp: 11767

Ion Ratio Lower Upper

128 100

127 21.3 10.5 15.7#

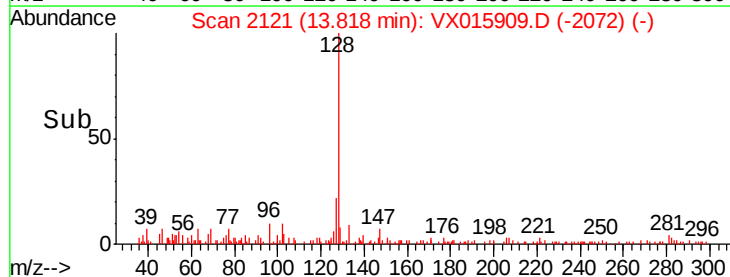
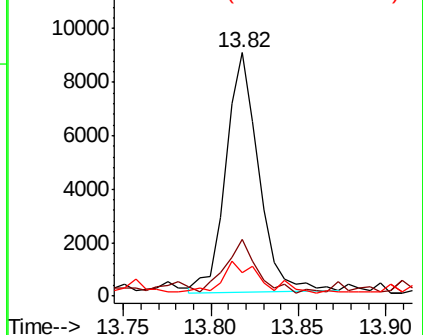
129 11.2 8.5 12.7

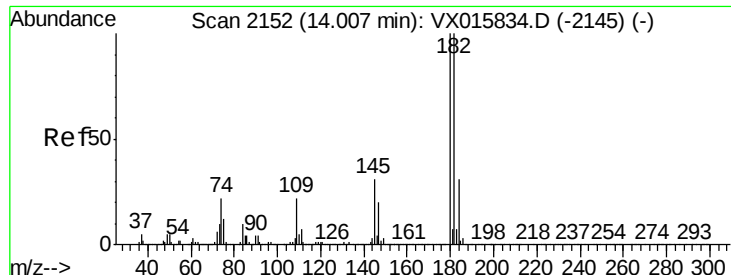


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

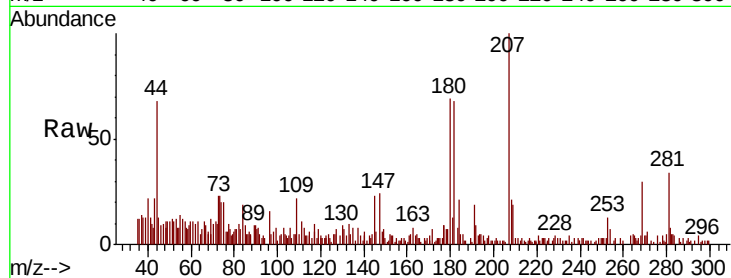




#96
 1,2,3-Trichlorobenzene
 Concen: 0.286 ug/l
 RT: 14.00 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: VX015909.D
 Acq: 23 Apr 2020 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-042220

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.1	47.9	143.7
145	39.9	15.2	45.5



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

