

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019064.D
 Acq On : 23 Oct 2020 06:11
 Operator : JC/SP
 Sample : L4489-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

Quant Time: Oct 23 08:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	274344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	475642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167929	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	5.46	113	147338	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.70	98	586286	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.12	95	214020	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	1251	0.458	ug/l	88
5) Bromomethane	1.64	94	215	Below	Cal #	64
6) Chloroethane	1.71	64	1724	1.885	ug/l	96
8) Diethyl Ether	2.17	74	13704	6.460	ug/l	98
10) Methyl Iodide	2.49	142	290	4.842	ug/l #	87
11) Tert butyl alcohol	3.01	59	95972	144.197	ug/l	100
13) Acrolein	2.28	56	174	14.280	ug/l #	16
14) Allyl chloride	2.69	41	1327	0.384	ug/l #	36
15) Acrylonitrile	3.01	53	875	0.680	ug/l #	16
16) Acetone	2.42	43	6186	5.527	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	4312	0.510	ug/l #	79
24) 1,1-Dichloroethane	3.67	63	2665	0.537	ug/l	99
25) 2-Butanone	4.64	43	8515	4.814	ug/l #	79
26) 2,2-Dichloropropane	4.64	77	9708	2.120	ug/l #	52
29) Tetrahydrofuran	5.09	42	102381	96.851	ug/l	98
36) 1,1-Dichloropropene	5.63	75	20595	4.826	ug/l #	48
38) Carbon Tetrachloride	5.63	117	26760	5.974	ug/l #	16
40) Benzene	6.12	78	5467	0.435	ug/l	98
41) Methacrylonitrile	5.09	41	59694	30.507	ug/l #	36
49) 1,4-Dioxane	7.72	88	9499	138.303	ug/l	96
52) Toluene	8.76	92	5172	0.623	ug/l	95
59) 2-Hexanone	9.60	43	814	0.300	ug/l	71
65) Chlorobenzene	10.12	112	30372	3.190	ug/l	99
67) Ethyl Benzene	10.24	91	13700	0.835	ug/l	95
68) m/p-Xylenes	10.34	106	12973	2.064	ug/l	96
69) o-Xylene	10.68	106	8296	1.379	ug/l	93
73) Isopropylbenzene	11.00	105	7514	0.450	ug/l	98
74) N-amyl acetate	10.93	43	1519	0.284	ug/l #	41
76) 1,2,3-Trichloropropane	11.12	75	106348	22.938	ug/l #	36
78) n-propylbenzene	11.35	91	4430	0.234	ug/l	95
79) 2-Chlorotoluene	11.40	91	3518	0.319	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.12	75	106348	58.440	ug/l #	15
82) 4-Chlorotoluene	11.40	91	3518	0.268	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	11769	0.853	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

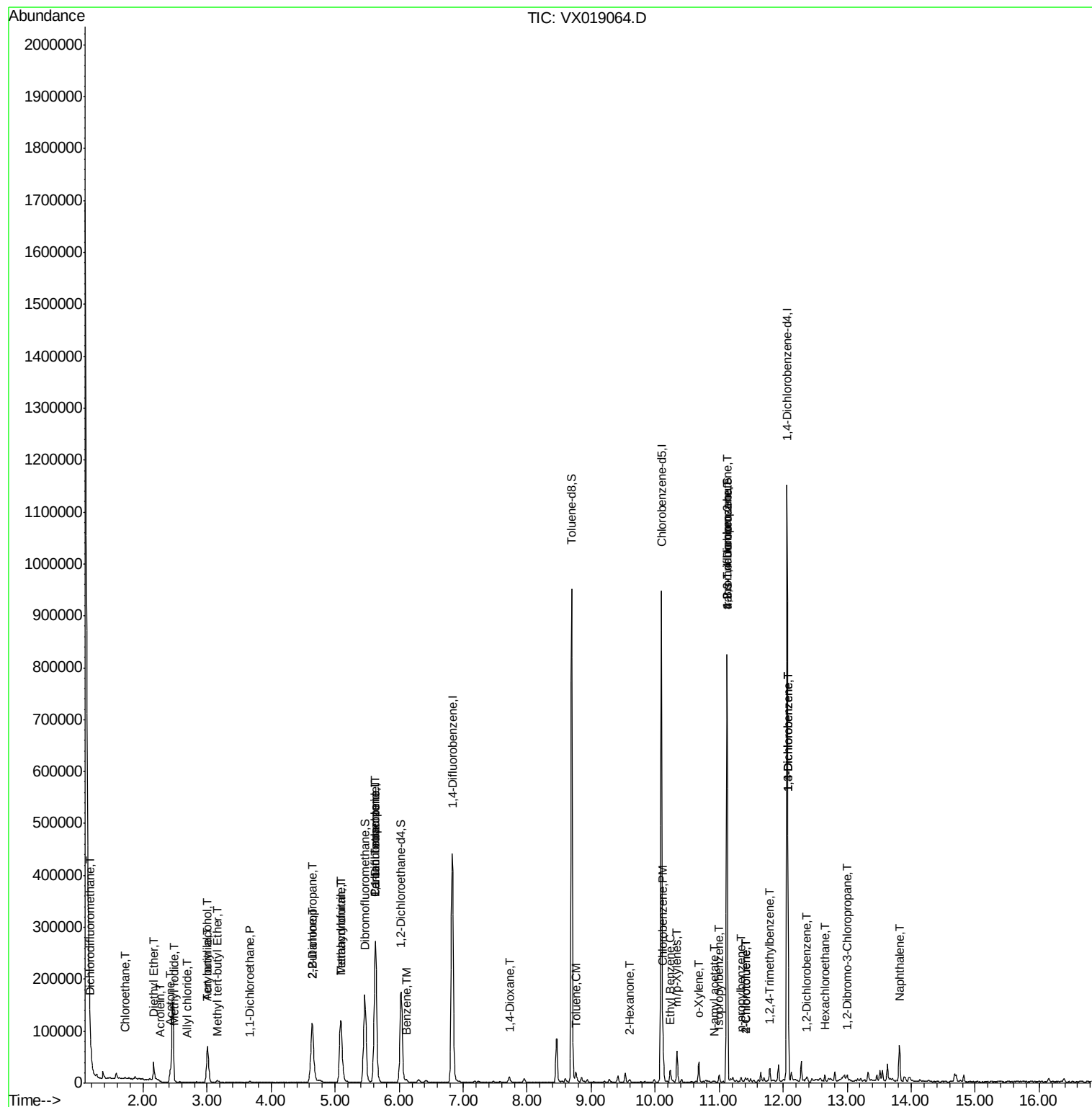
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.08	146	35445	4.585	ug/l	91
88) 1,4-Dichlorobenzene	12.08	146	35445	4.468	ug/l	91
90) Hexachloroethane	12.65	117	710	0.309	ug/l #	12
91) 1,2-Dichlorobenzene	12.38	146	1987	0.276	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	13.01	75	247	0.216	ug/l #	1
95) Naphthalene	13.82	128	43502	2.622	ug/l	100

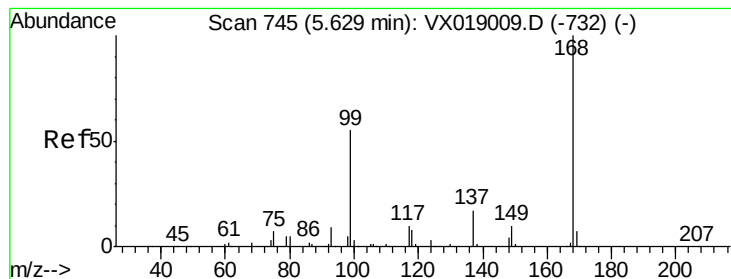
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

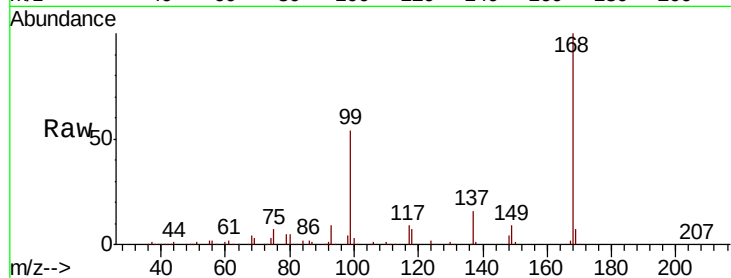
201021075-01-VOA

Tot Ion:168 Resp: 274344

Ion Ratio Lower Upper

168 100

99 54.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

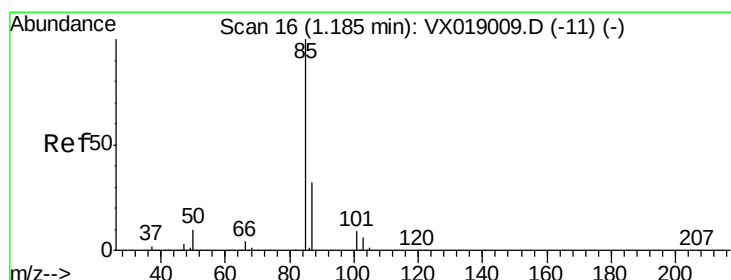
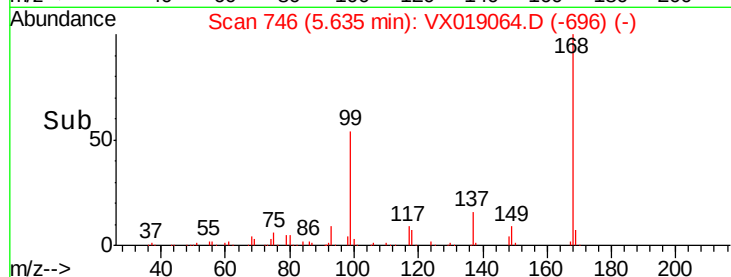
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.458 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019064.D

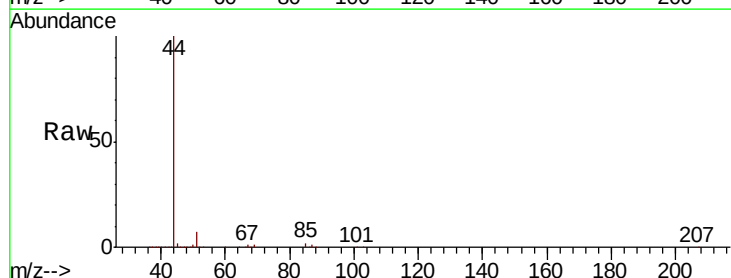
Acq: 23 Oct 2020 06:11

Tgt Ion: 85 Resp: 1251

Ion Ratio Lower Upper

85 100

87 39.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

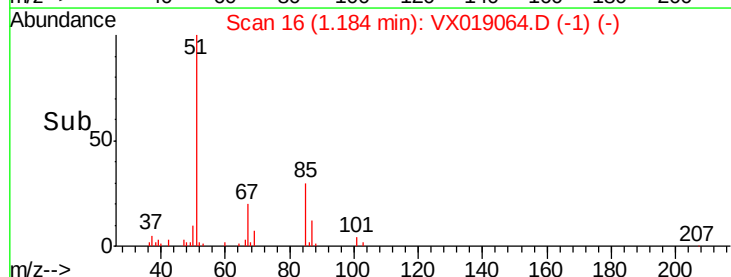
1500

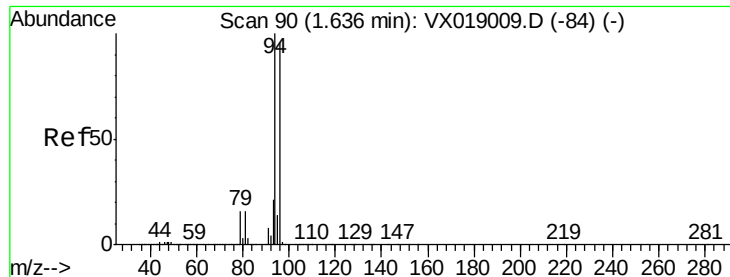
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

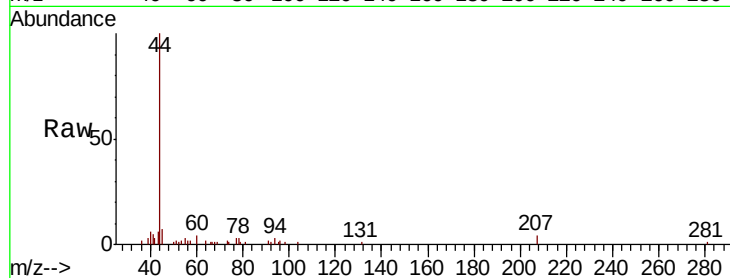
201021075-01-VOA

Tot Ion: 94 Resp: 215

Ion Ratio Lower Upper

94 100

96 61.2 77.1 115.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

150

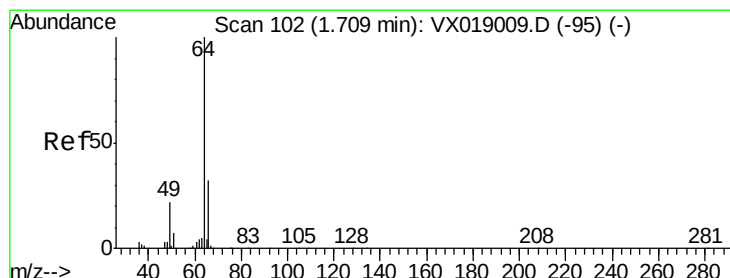
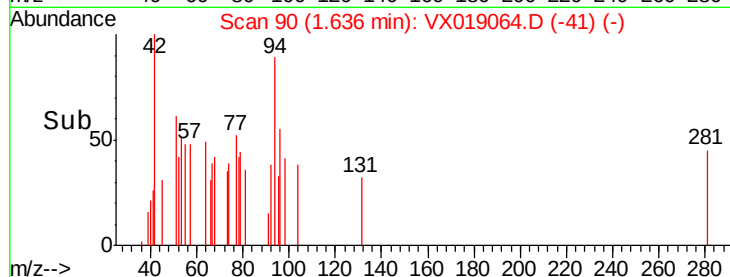
100

50

0

1.60 1.62 1.64 1.66

Time-->



#6

Chloroethane

Concen: 1.885 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019064.D

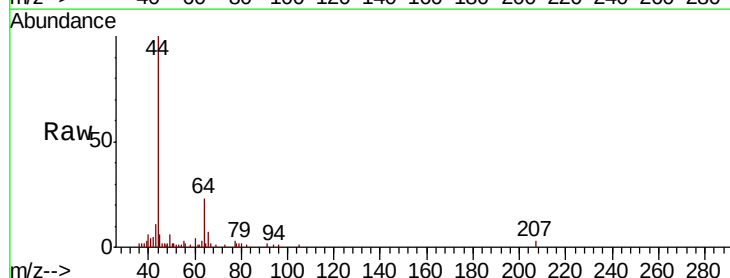
Acq: 23 Oct 2020 06:11

Tgt Ion: 64 Resp: 1724

Ion Ratio Lower Upper

64 100

66 29.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1200

1000

800

600

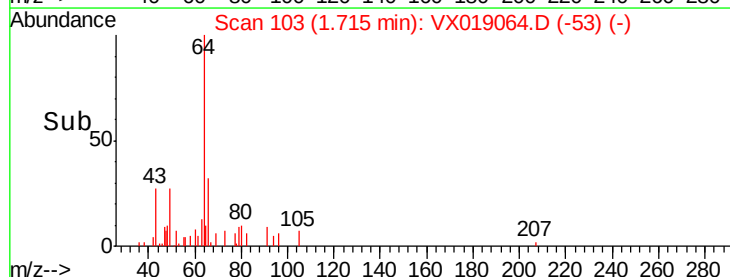
400

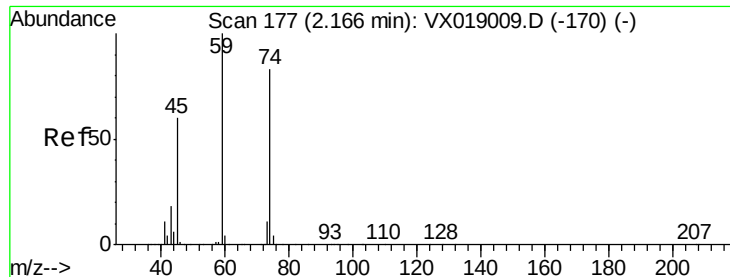
200

0

1.65 1.70 1.75 1.80

Time-->





#8

Diethyl Ether

Concen: 6.460 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

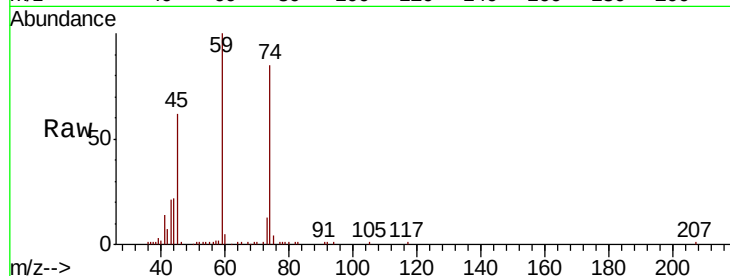
201021075-01-VOA

Tot Ion: 74 Resp: 13704

Ion Ratio Lower Upper

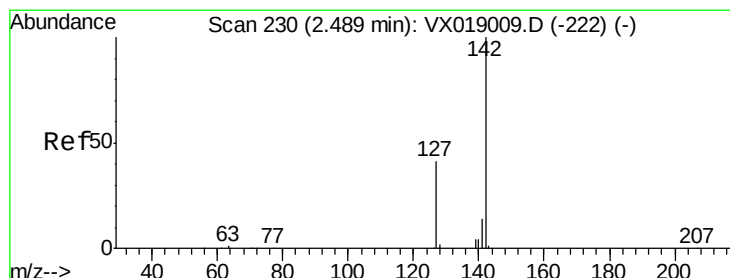
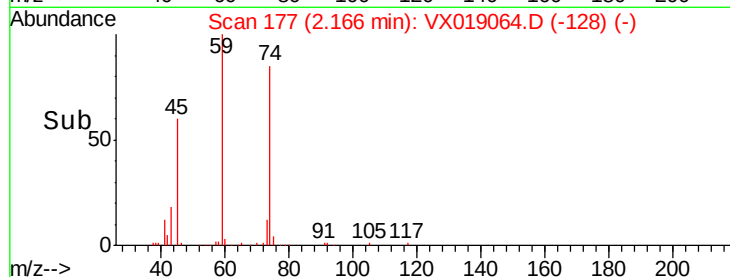
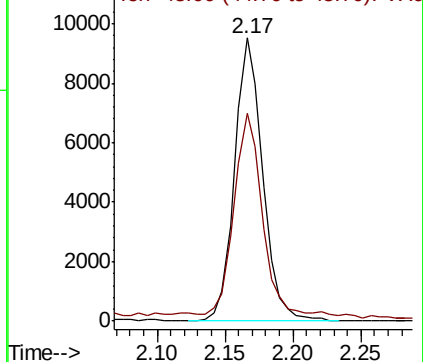
74 100

45 75.2 36.8 110.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 4.842 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

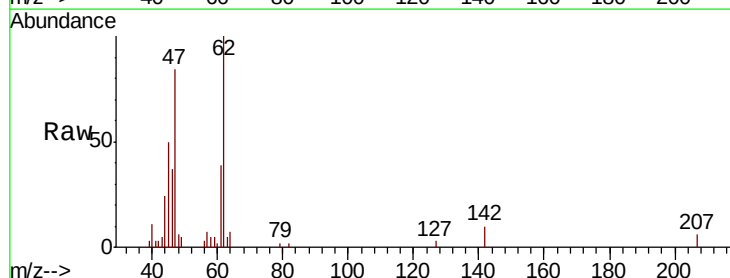
Tgt Ion: 142 Resp: 290

Ion Ratio Lower Upper

142 100

127 38.3 33.6 50.4

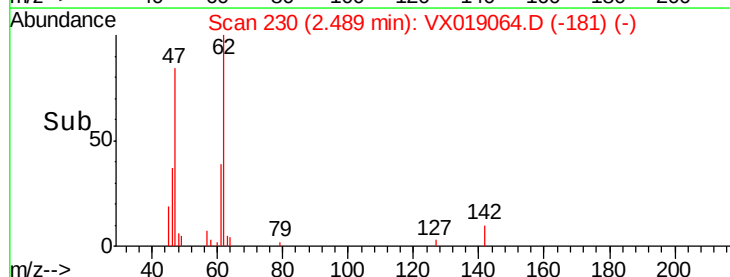
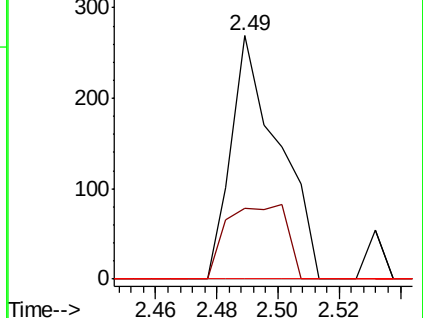
141 0.0 11.2 16.8#

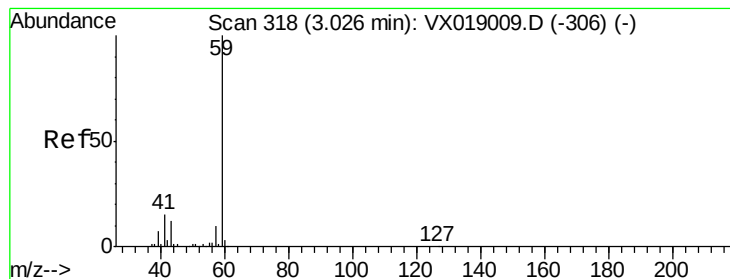


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



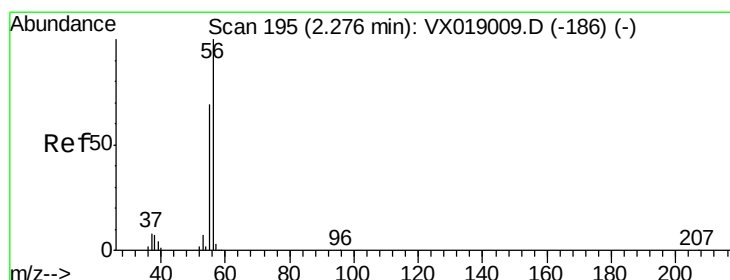
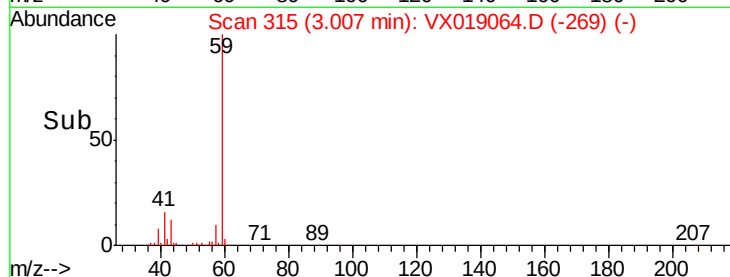
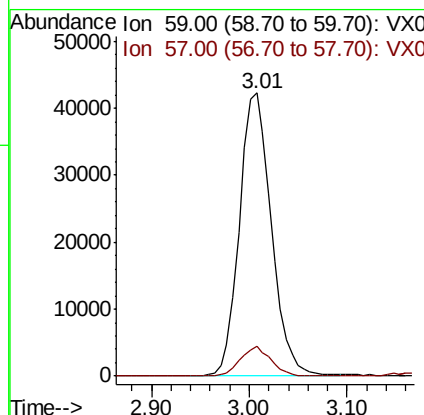
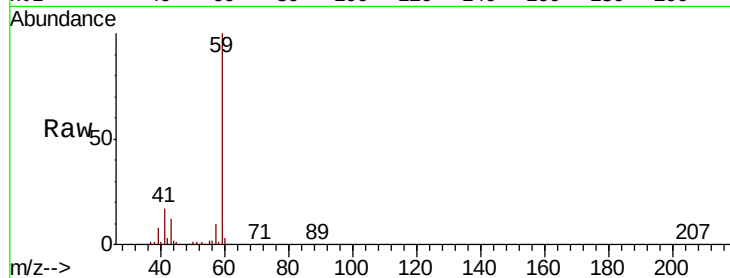


#11

Tert butyl alcohol
 Concen: 144.197 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.02 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Instrument :
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 ClientSampleId :
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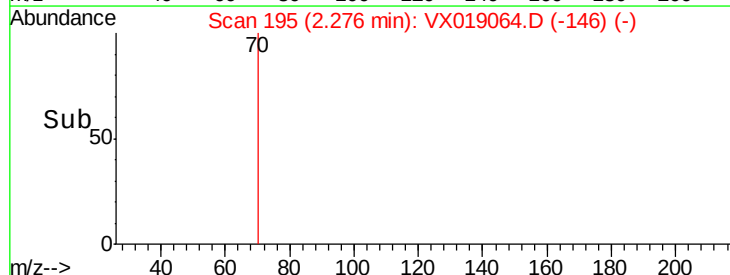
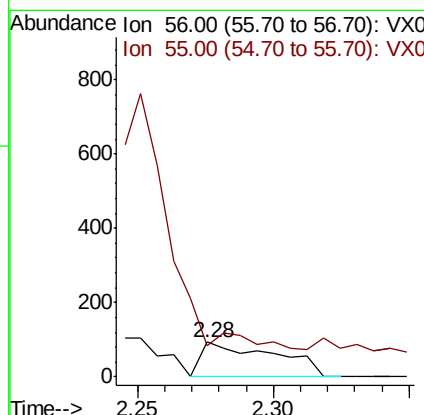
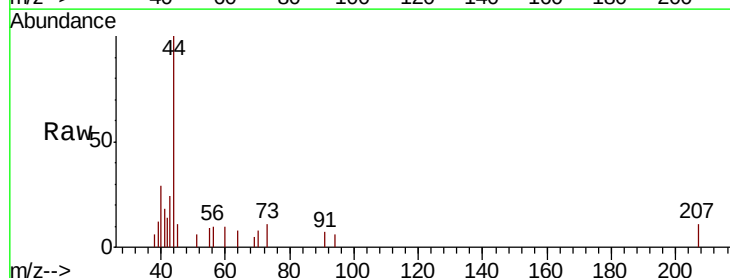
Tot Ion: 59 Resp: 95972
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

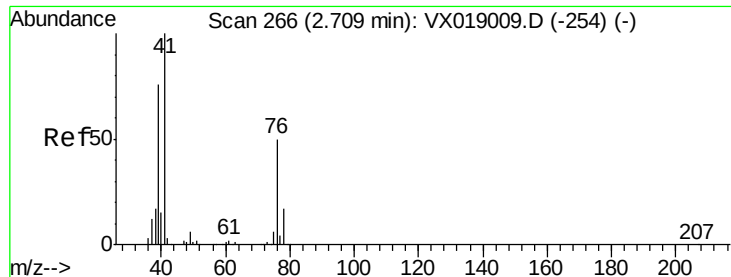


#13

Acrolein
 Concen: 14.280 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. -0.00 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Tgt Ion: 56 Resp: 174
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.2 81.4#

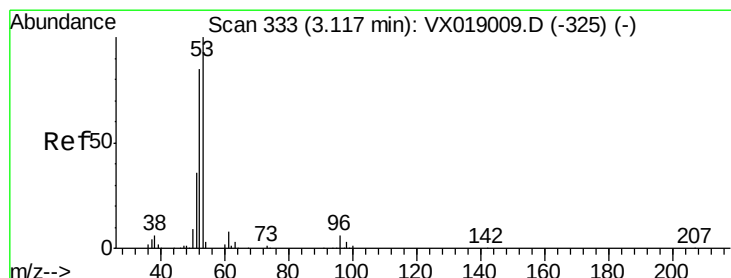
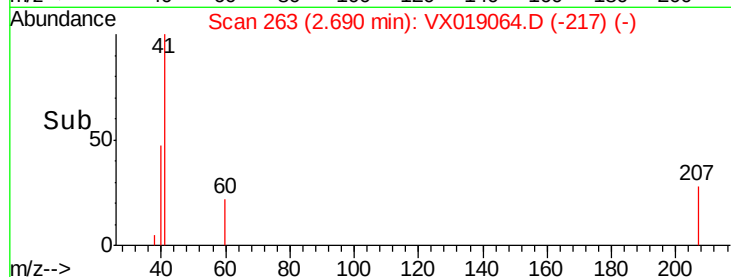
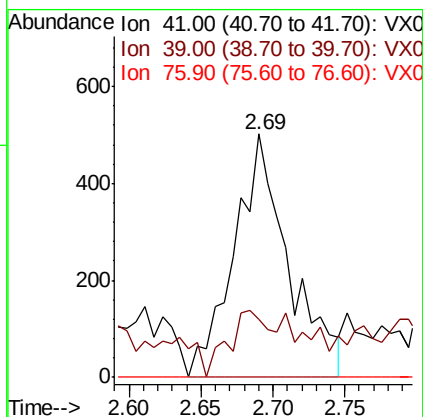
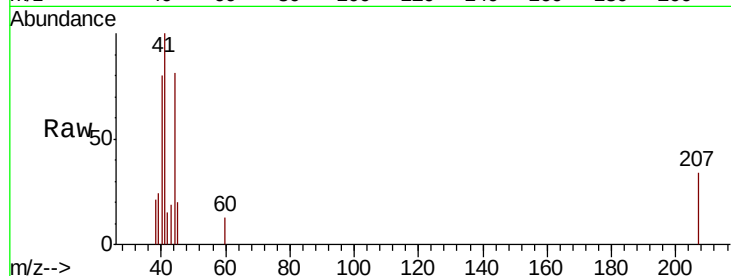




#14
Allvl chloride
Concen: 0.384 ug/l
RT: 2.69 min Scan# 263
Delta R.T. -0.02 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

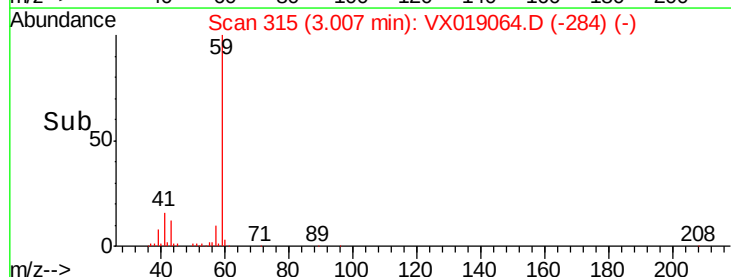
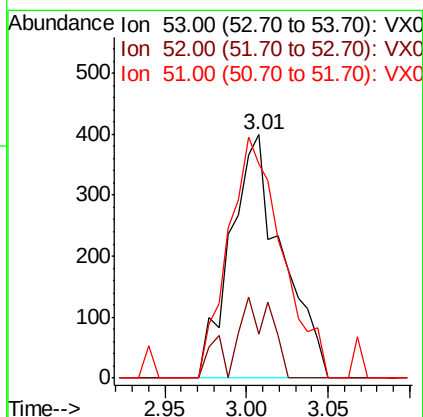
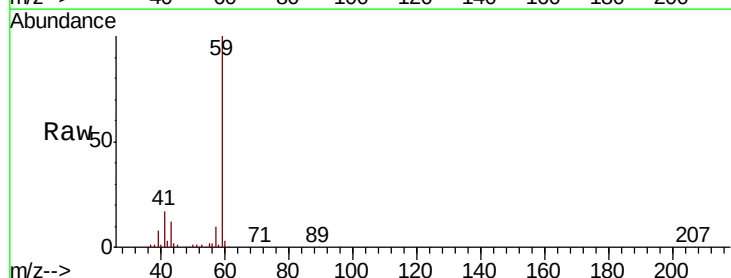
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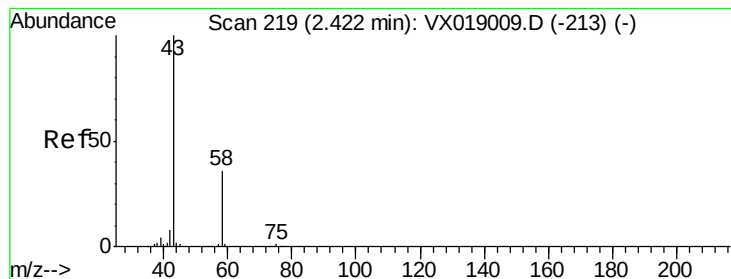
Tot Ion: 41 Resp: 1327
Ion Ratio Lower Upper
41 100
39 21.4 57.4 86.0#
76 0.0 37.7 56.5#



#15
Acrylonitrile
Concen: 0.680 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.11 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion: 53 Resp: 875
Ion Ratio Lower Upper
53 100
52 19.7 65.9 98.9#
51 103.7 28.3 42.5#





#16

Acetone

Concen: 5.527 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

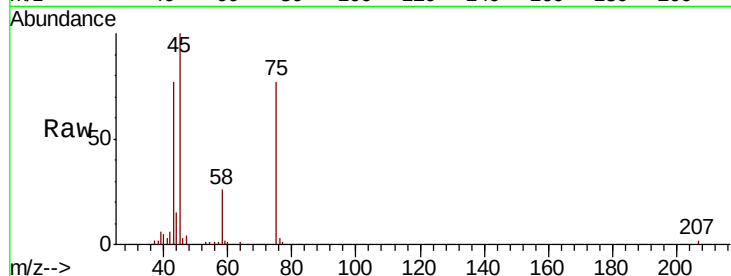
201021075-01-VOA

Tot Ion: 43 Resp: 6186

Ion Ratio Lower Upper

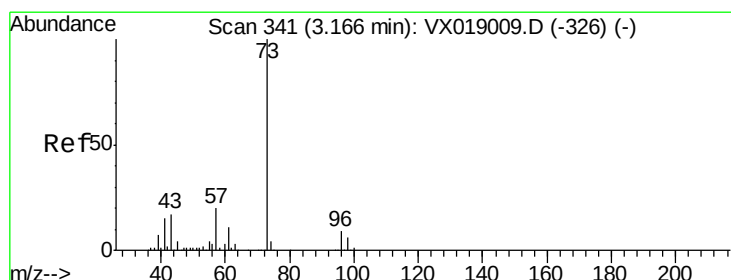
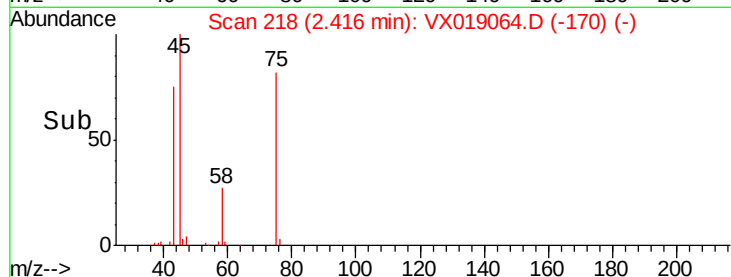
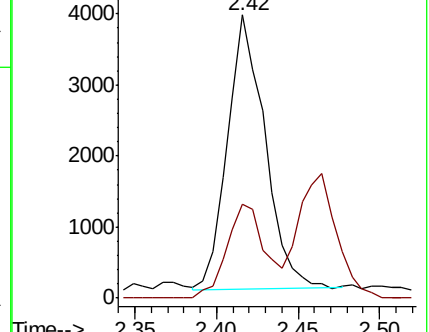
43 100

58 34.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.510 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019064.D

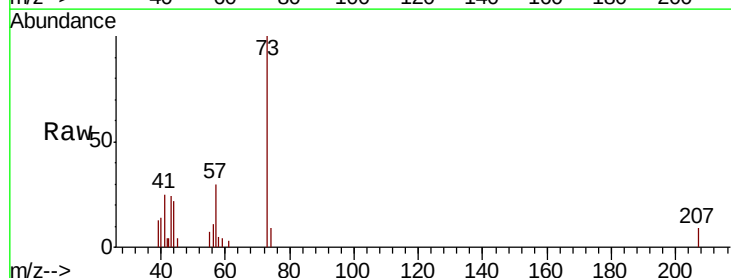
Acq: 23 Oct 2020 06:11

Tgt Ion: 73 Resp: 4312

Ion Ratio Lower Upper

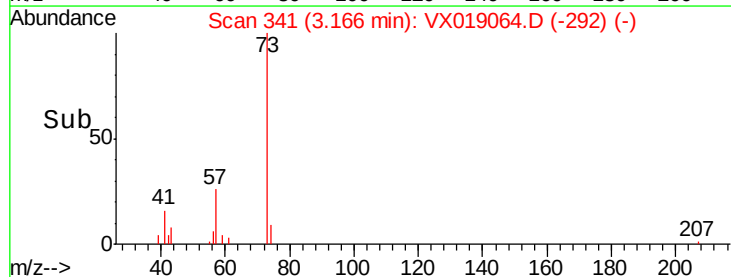
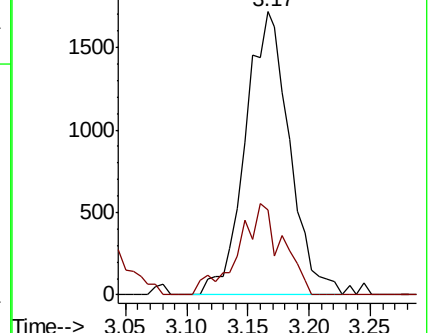
73 100

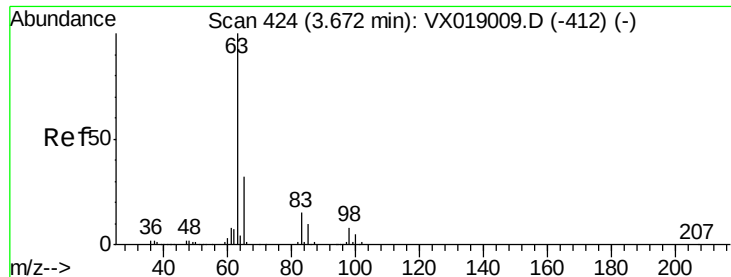
57 30.0 16.2 24.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#24

1,1-Dichloroethane

Concen: 0.537 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019064.D

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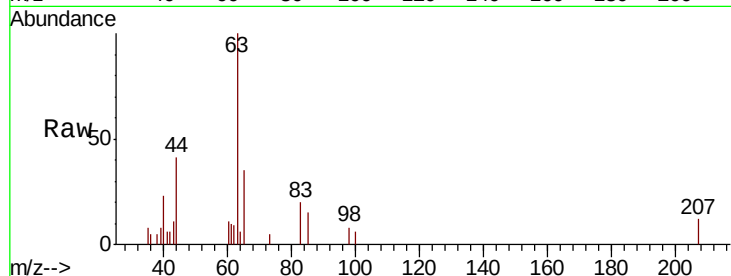
Tot Ion: 63 Resp: 2665

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.0

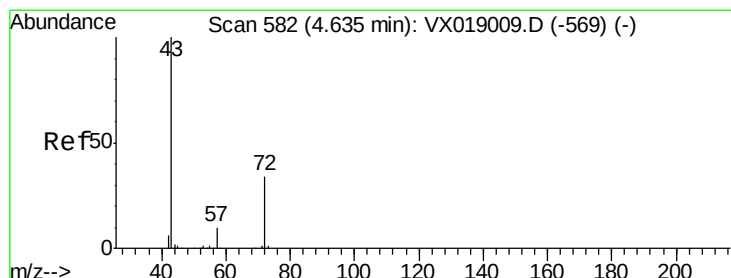
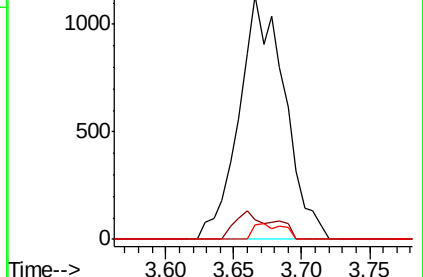
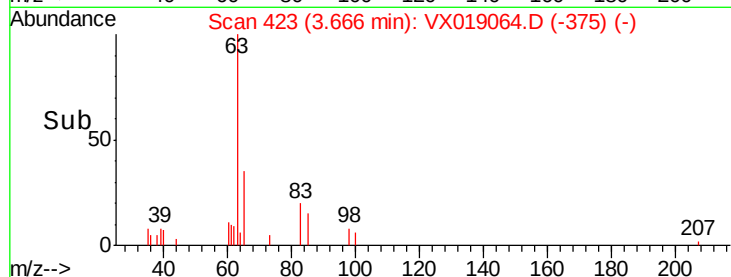
100 5.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 4.814 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019064.D

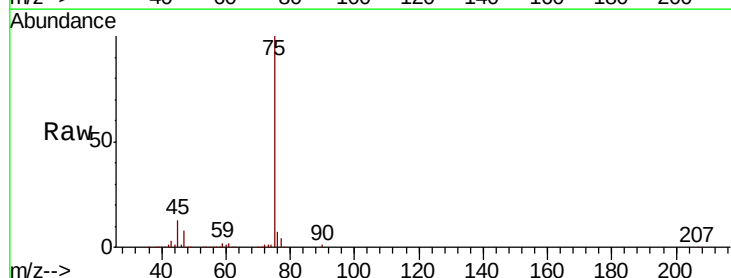
Acq: 23 Oct 2020 06:11

Tgt Ion: 43 Resp: 8515

Ion Ratio Lower Upper

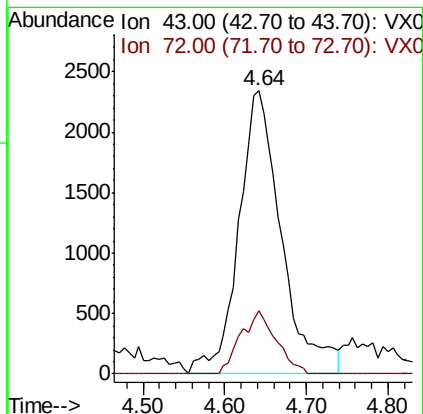
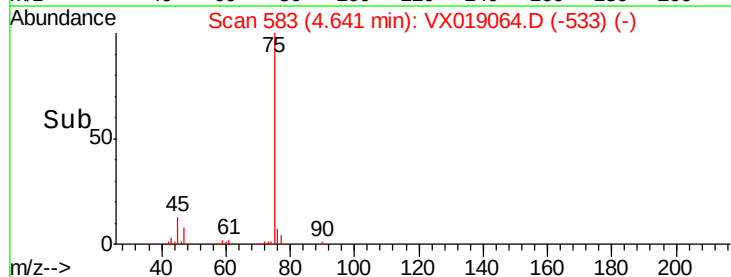
43 100

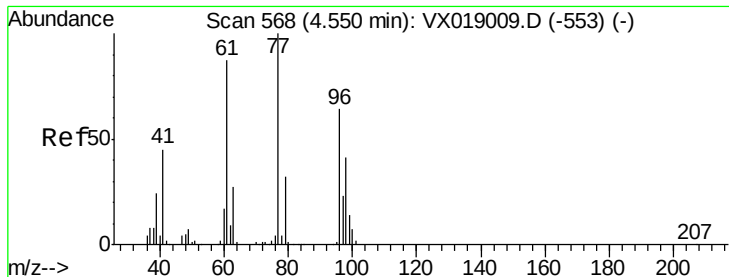
72 22.3 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

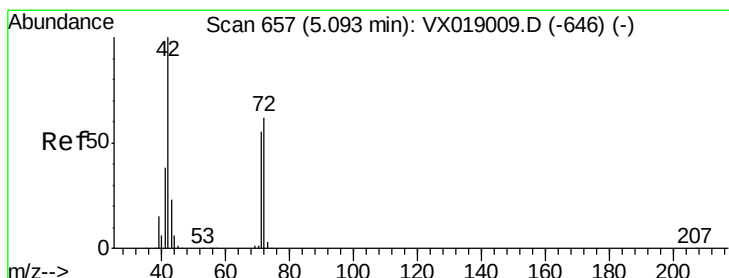
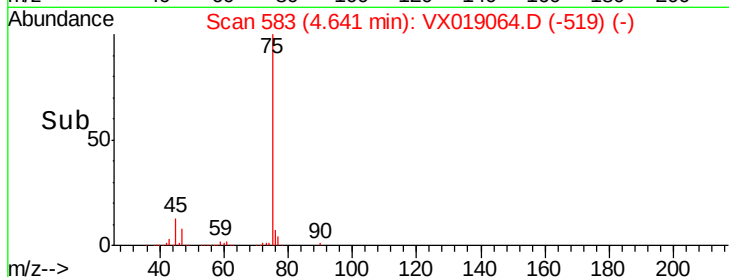
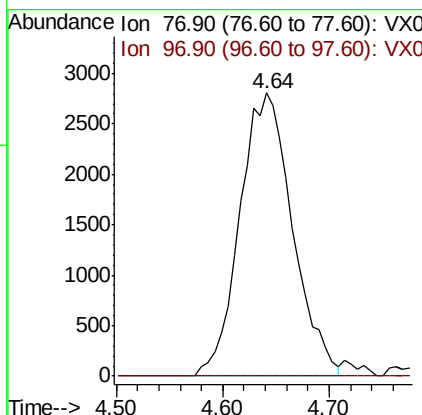
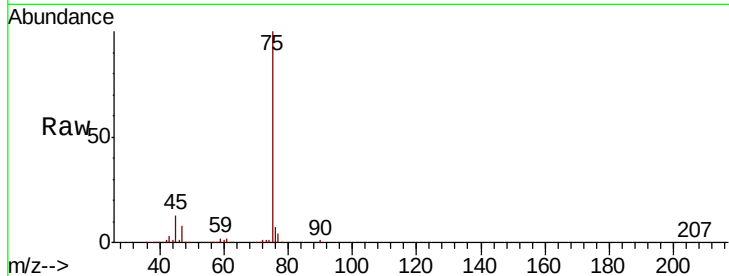




#26
 2,2-Dichloropropane
 Concen: 2.120 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.09 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

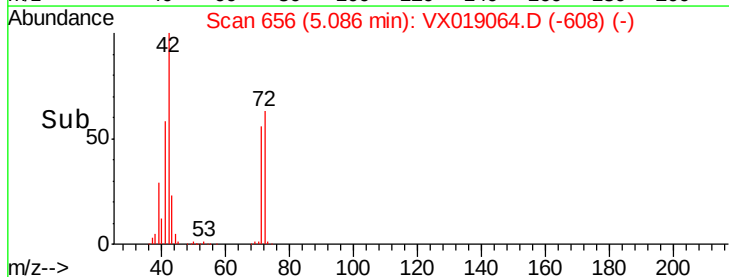
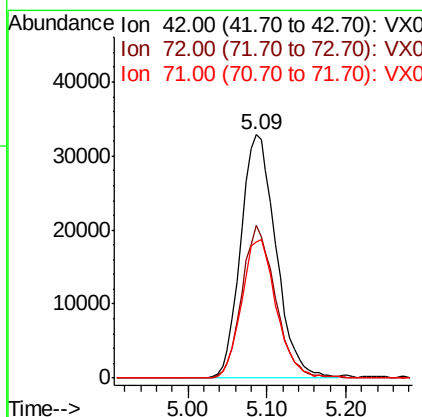
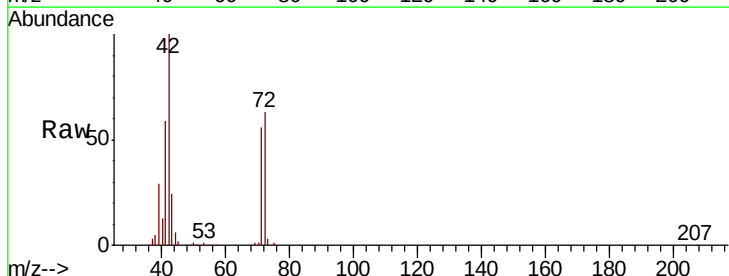
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

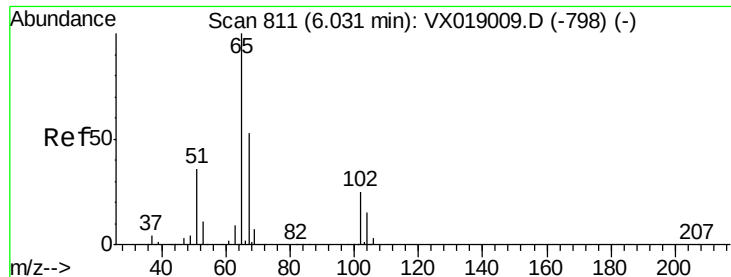
Tot Ion: 77 Resp: 9708
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.7#



#29
 Tetrahydrofuran
 Concen: 96.851 ug/l
 RT: 5.09 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Tgt Ion: 42 Resp: 102381
 Ion Ratio Lower Upper
 42 100
 72 59.7 49.1 73.7
 71 56.3 44.2 66.4

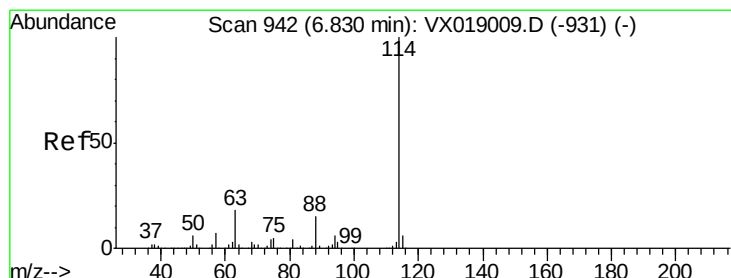
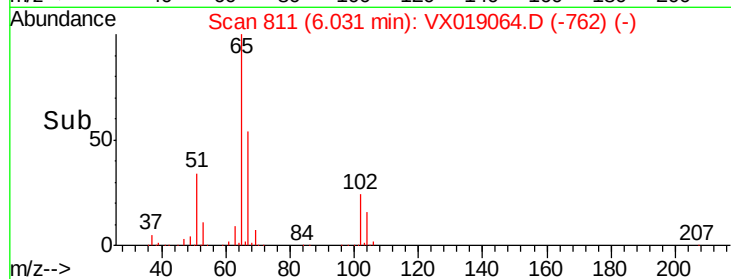
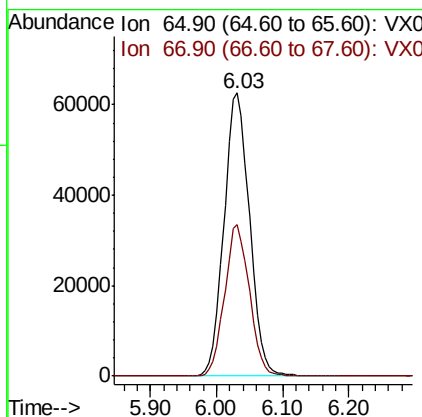
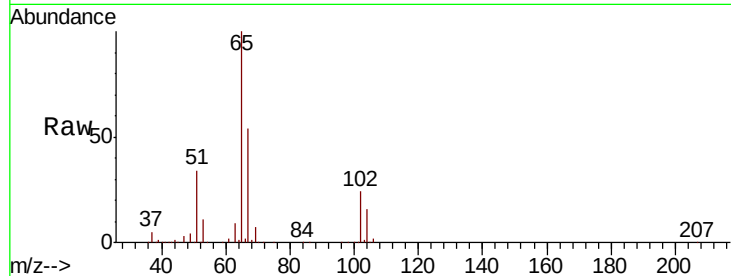




#33
 1,2-Dichloroethane-d4
 Concen: 51.101 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

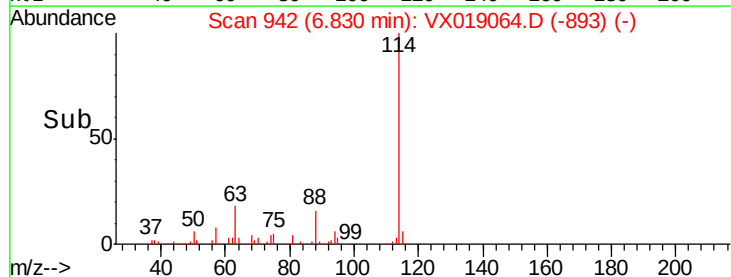
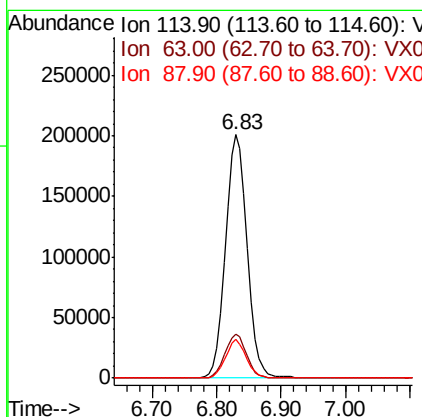
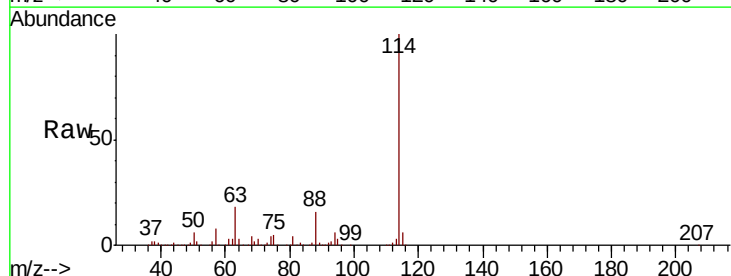
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

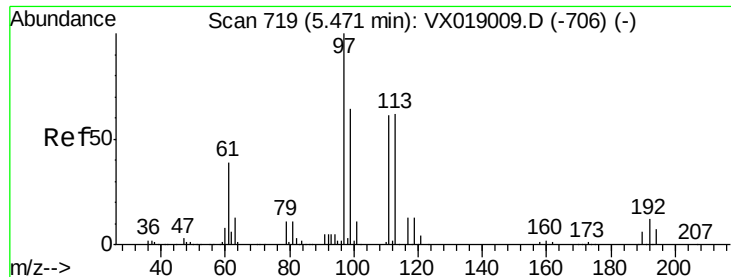
Tot Ion: 65 Resp: 167929
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Tgt Ion: 114 Resp: 475642
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.8 0.0 30.2

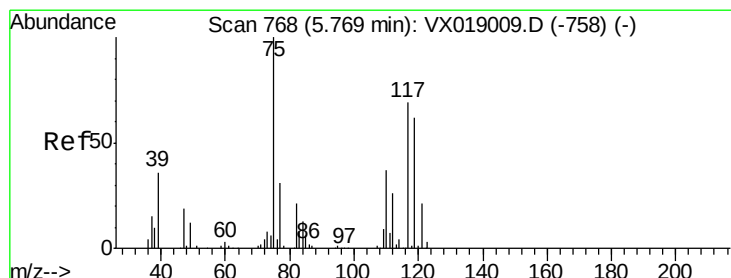
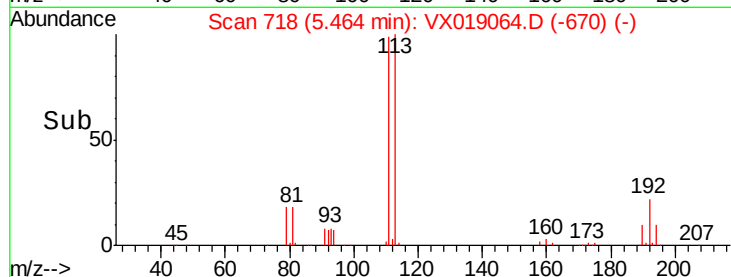
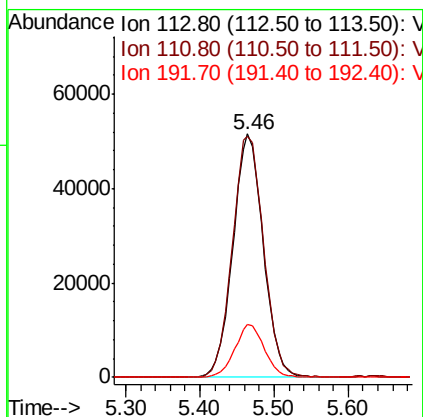
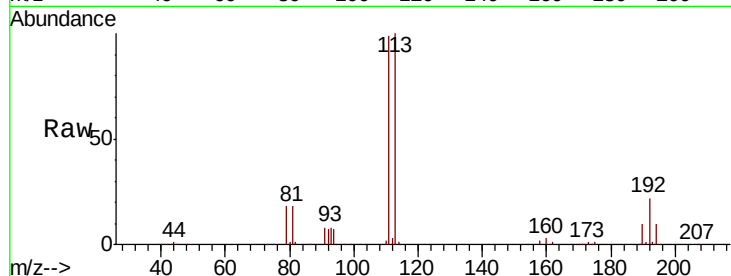




#35
 Dibromofluoromethane
 Concen: 48.926 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

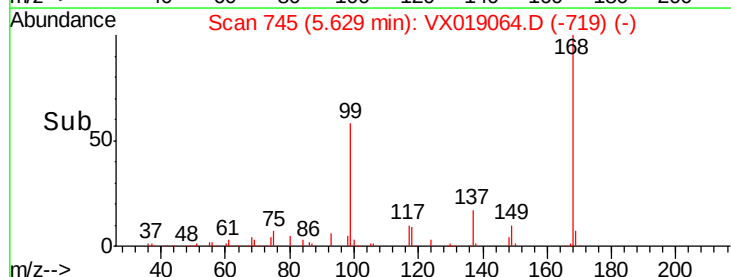
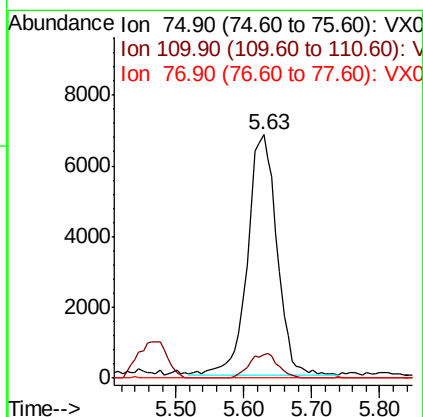
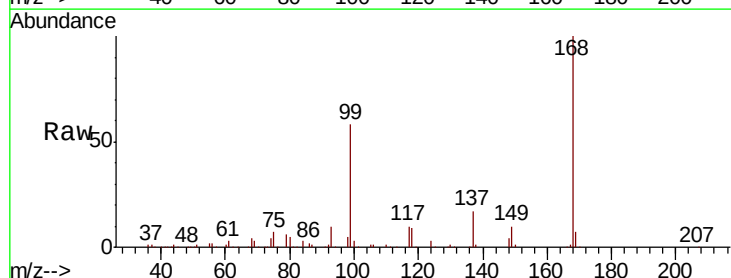
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

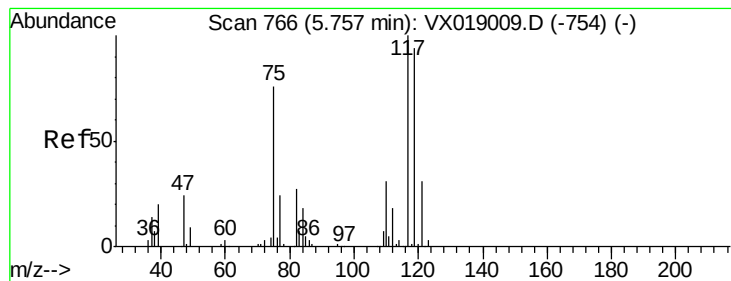
Tot Ion:113 Resp: 147338
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 21.1 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Tgt Ion: 75 Resp: 20595
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.4 58.2#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.974 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

201021075-01-VOA

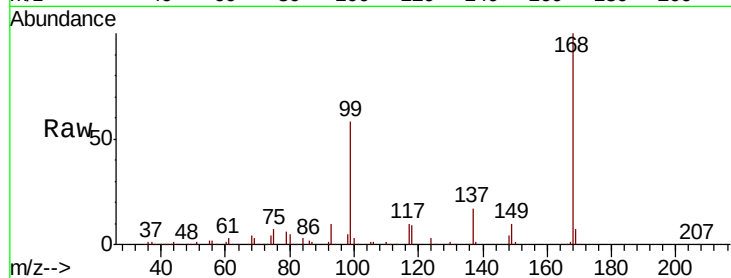
Tot Ion:117 Resp: 26760

Ion Ratio Lower Upper

117 100

119 4.7 75.4 113.0#

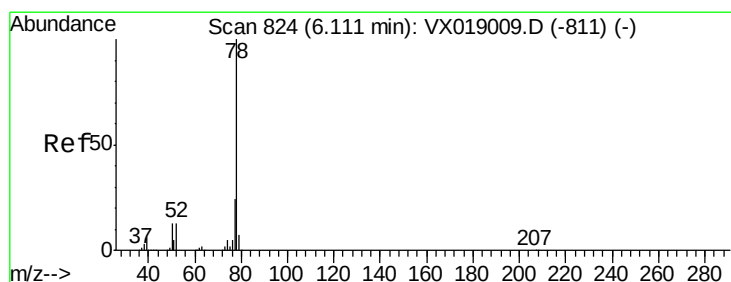
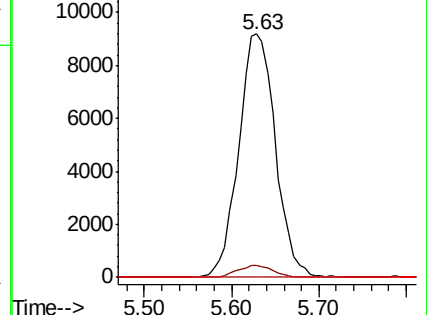
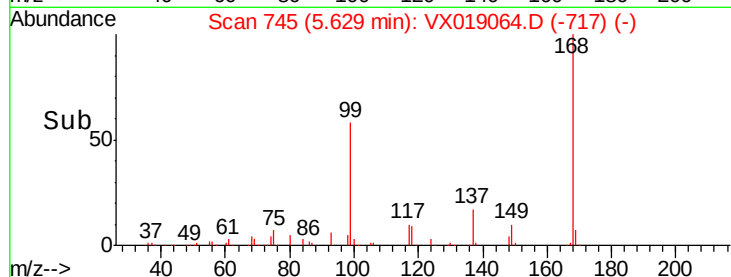
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.435 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019064.D

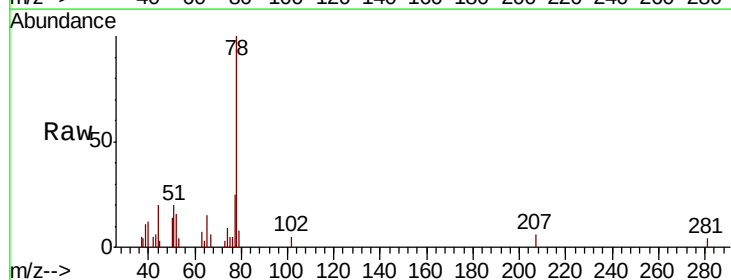
Acq: 23 Oct 2020 06:11

Tgt Ion: 78 Resp: 5467

Ion Ratio Lower Upper

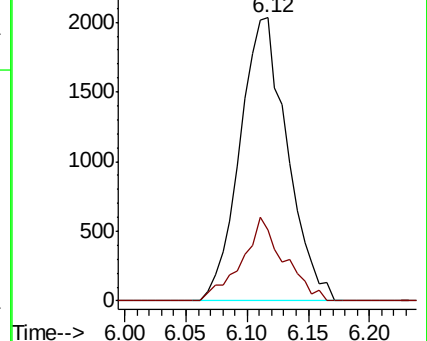
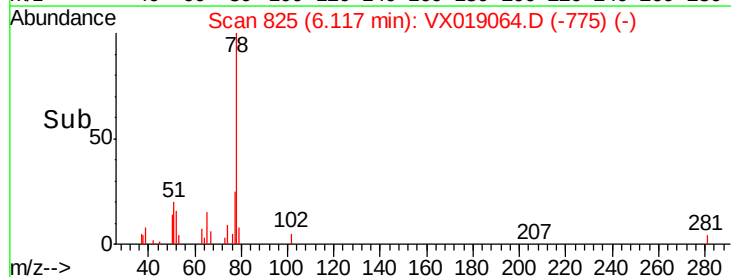
78 100

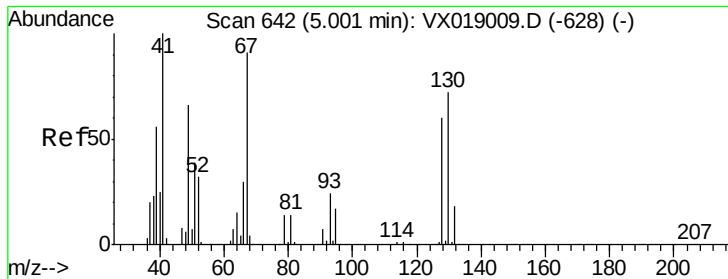
77 24.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 30.507 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.09 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

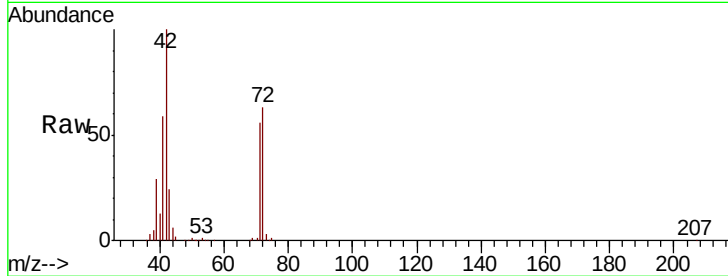
ClientSampleId :

201021075-01-VOA

Tot Ion: 41 Resp: 59694

Ion Ratio Lower Upper

41	100		
39	49.0	44.6	67.0
67	0.0	76.1	114.1#
52	0.1	28.3	42.5#



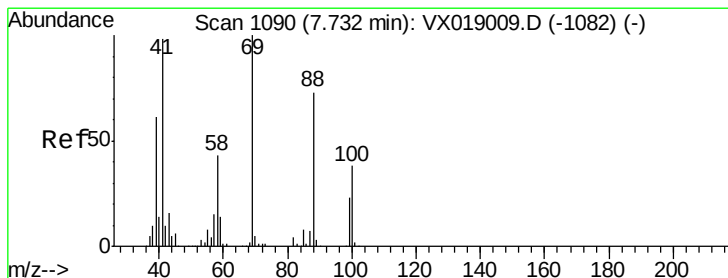
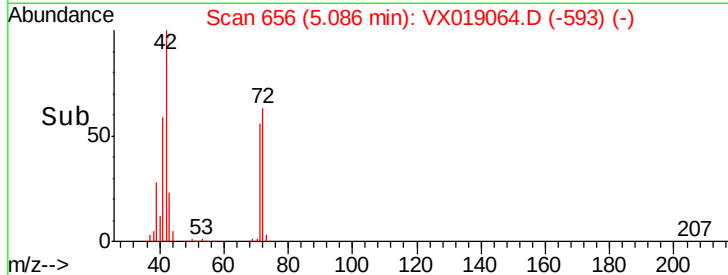
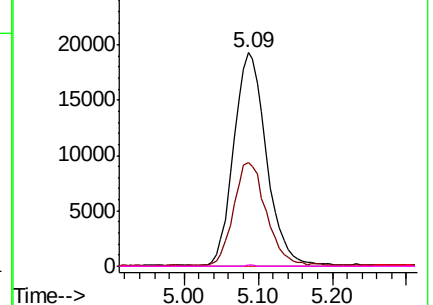
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#49

1,4-Dioxane

Concen: 138.303 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

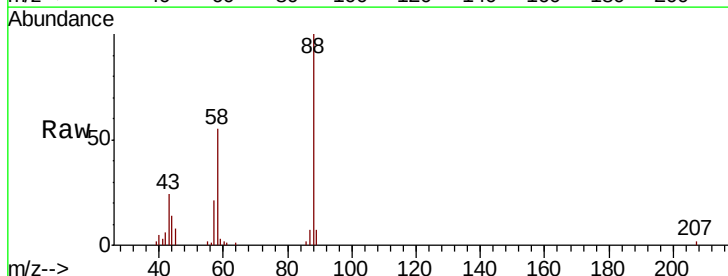
Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Tgt Ion: 88 Resp: 9499

Ion Ratio Lower Upper

88	100		
43	23.3	20.3	30.5
58	57.7	48.4	72.6

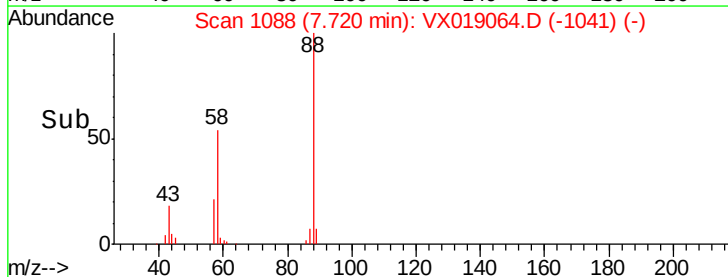
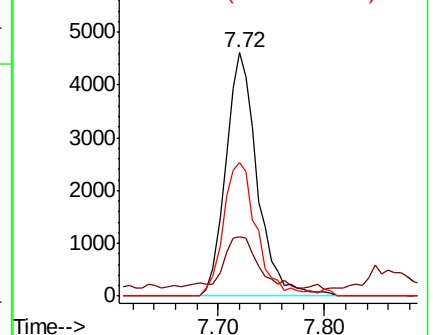


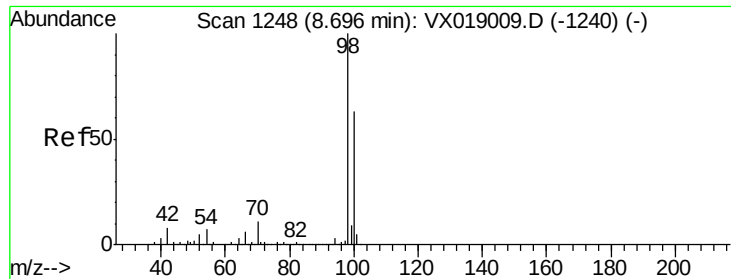
Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

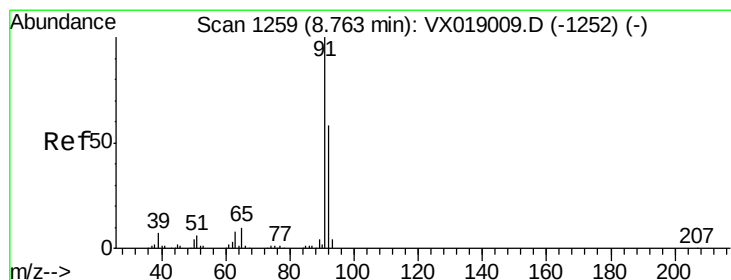
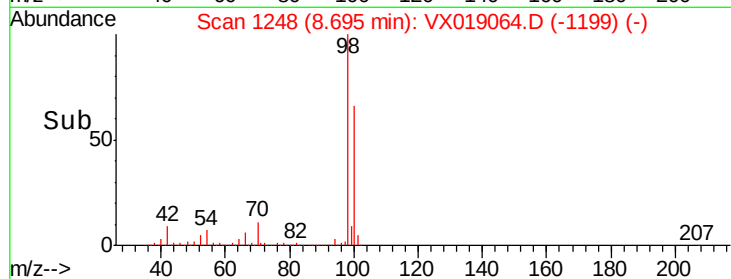
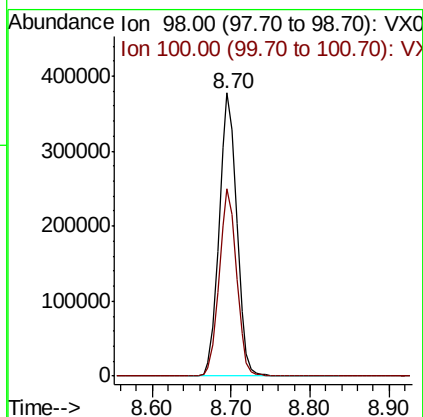
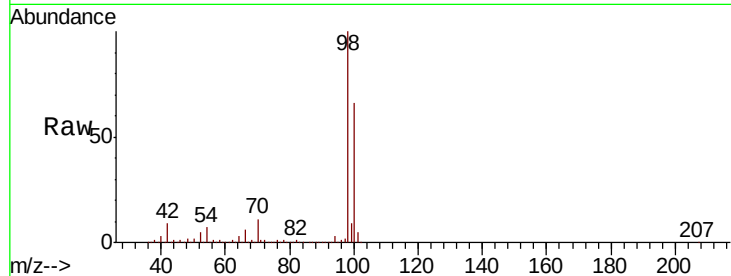




#50
Toluene-d8
Concen: 51.018 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

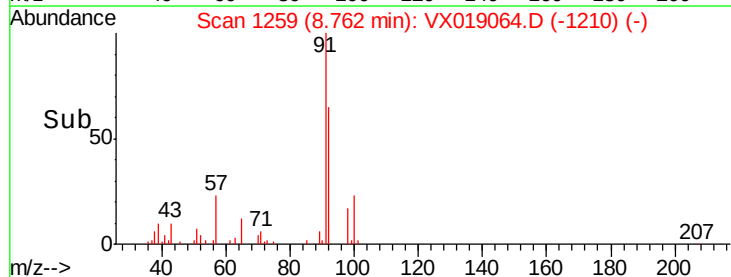
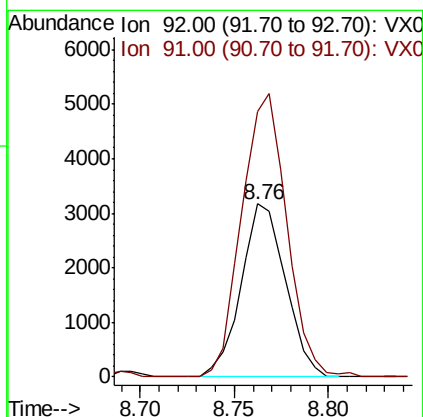
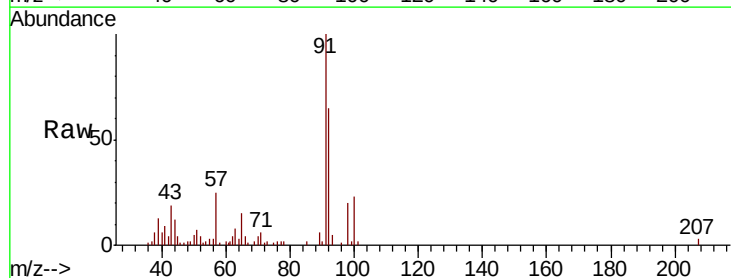
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

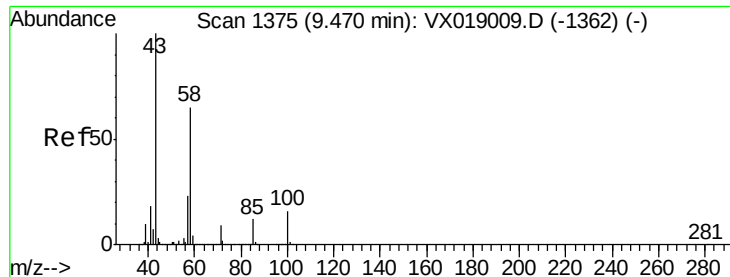
Tot Ion: 98 Resp: 586286
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#52
Toluene
Concen: 0.623 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion: 92 Resp: 5172
Ion Ratio Lower Upper
92 100
91 166.6 138.6 208.0

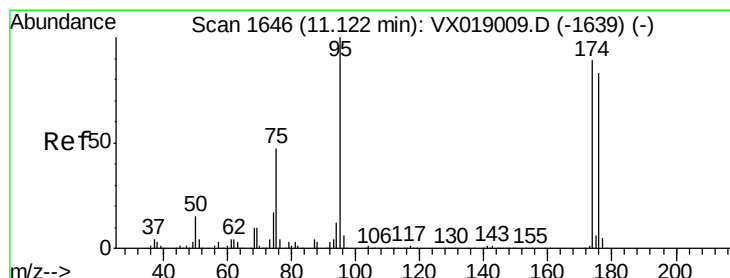
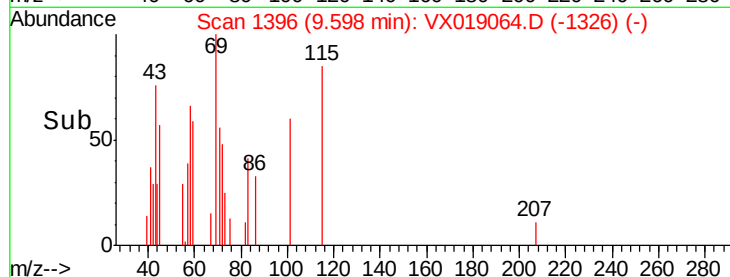
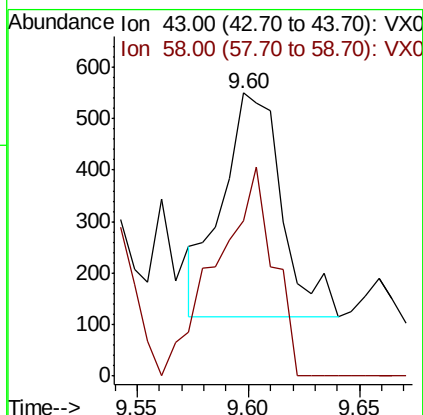
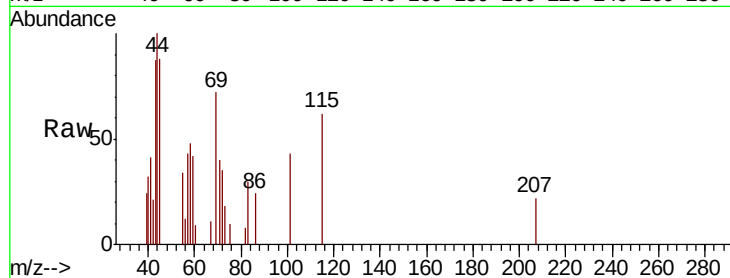




#59
2-Hexanone
Concen: 0.300 ug/l
RT: 9.60 min Scan# 1396
Delta R.T. 0.13 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

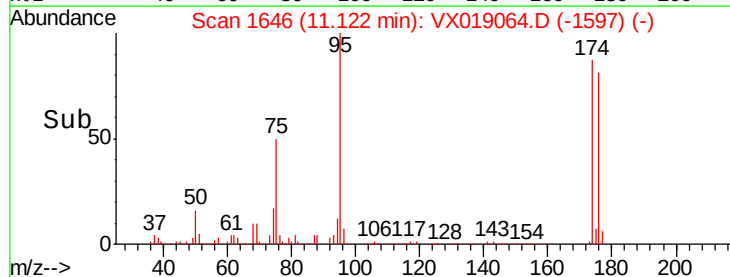
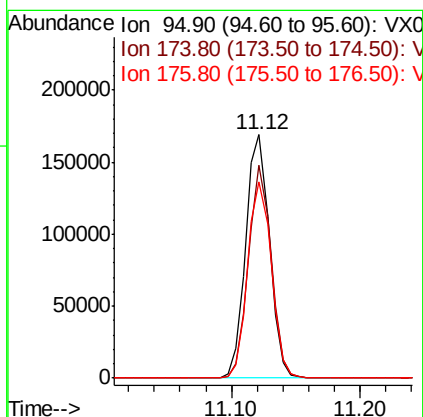
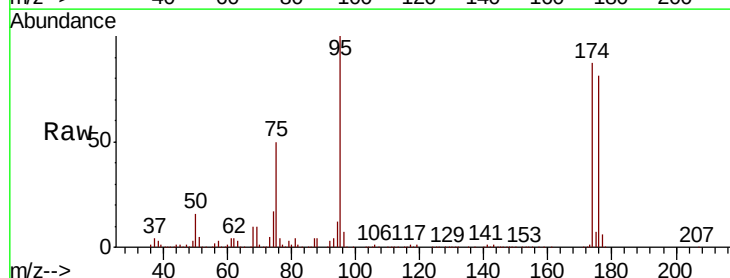
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

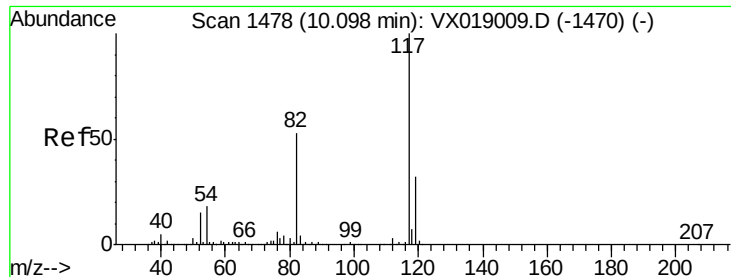
Tot Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 88.2 32.8 98.4



#62
4-Bromofluorobenzene
Concen: 52.358 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion: 95 Resp: 214020
Ion Ratio Lower Upper
95 100
174 83.4 0.0 167.6
176 80.6 0.0 165.2

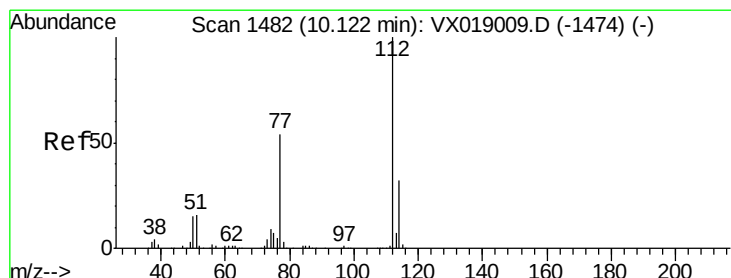
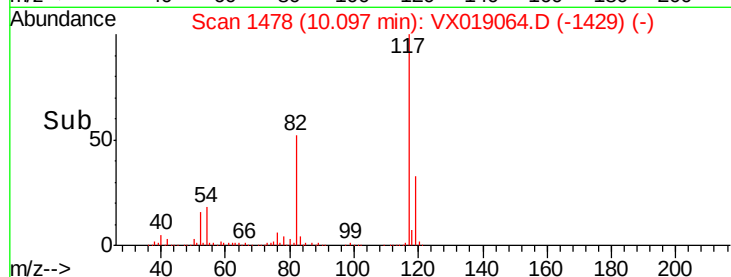
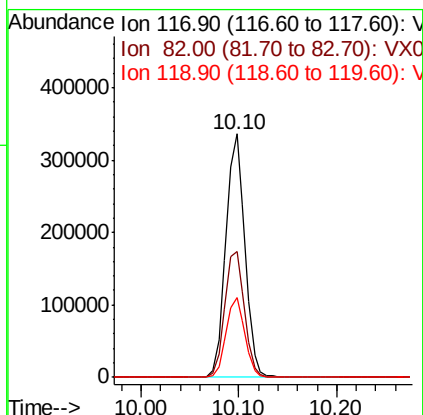
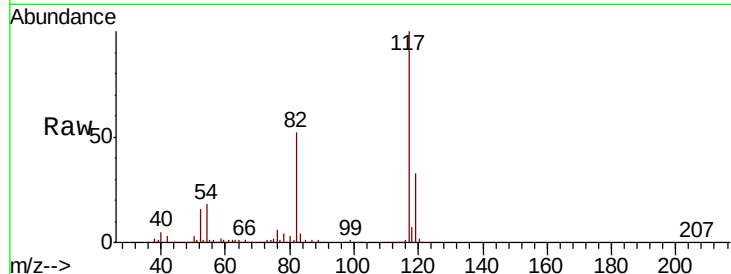




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

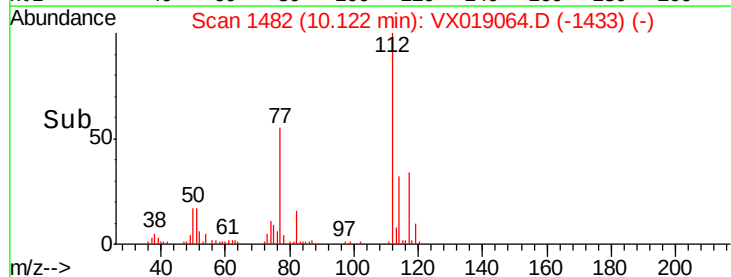
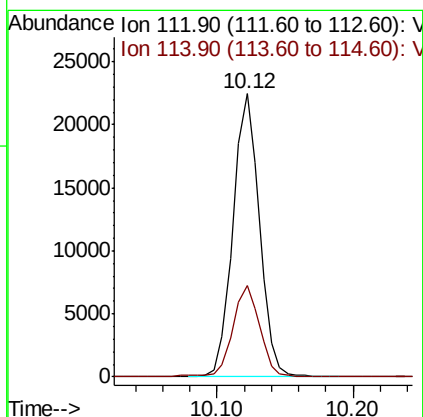
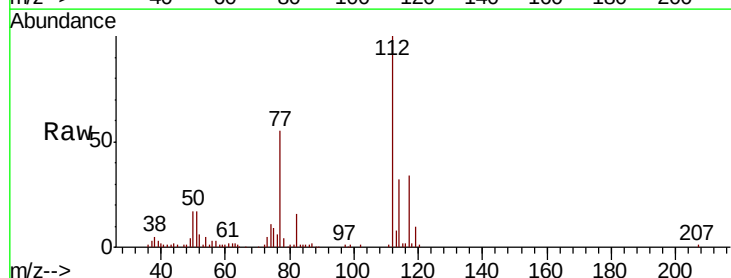
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

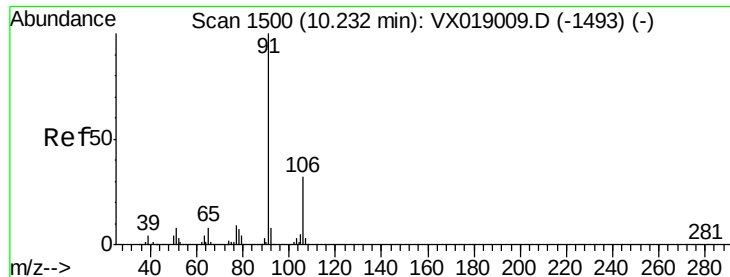
Tot Ion:117 Resp: 453872
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.6 25.6 38.4



#65
Chlorobenzene
Concen: 3.190 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion:112 Resp: 30372
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

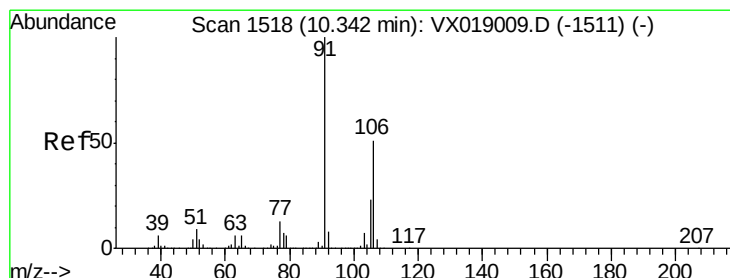
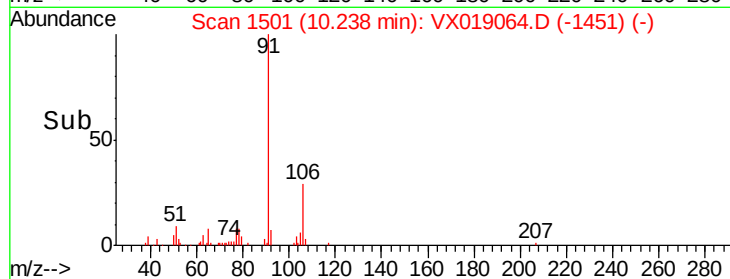
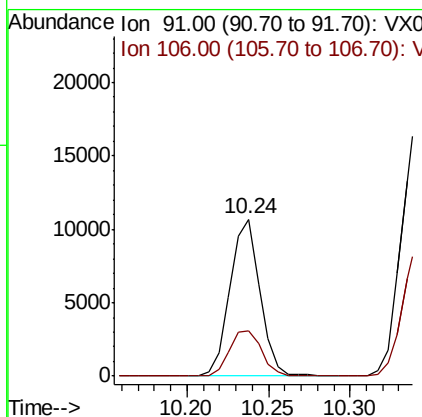
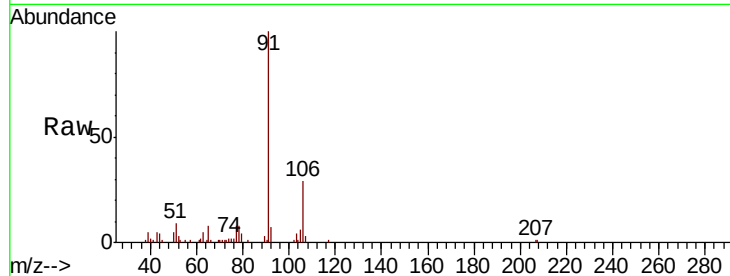




#67
Ethyl Benzene
Concen: 0.835 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

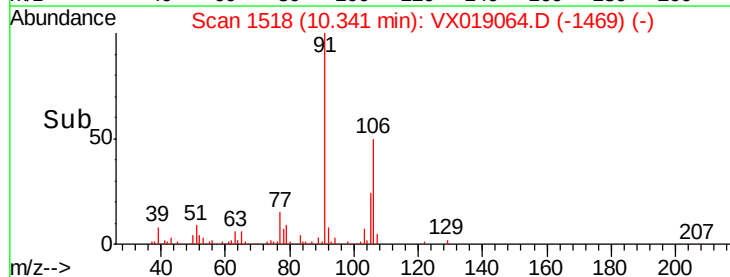
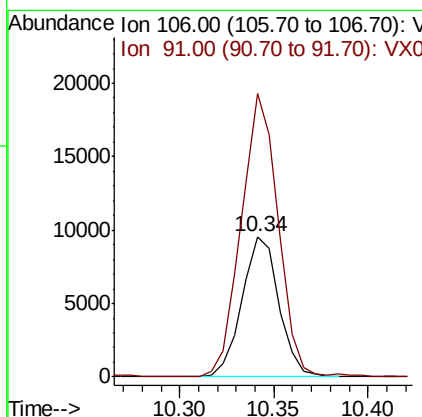
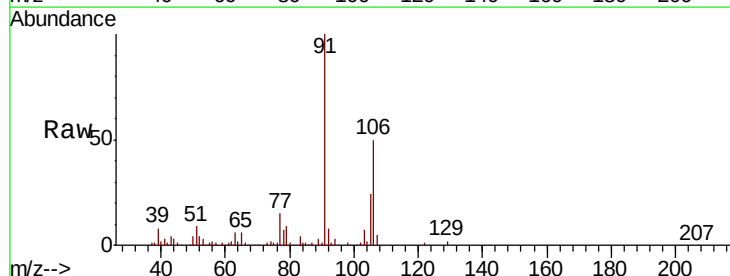
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

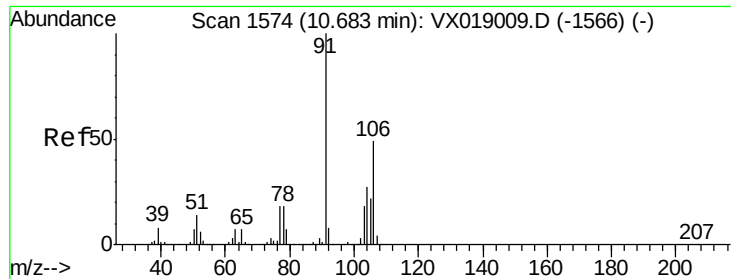
Tot Ion: 91 Resp: 13700
Ion Ratio Lower Upper
91 100
106 29.0 25.3 37.9



#68
m/p-Xylenes
Concen: 2.064 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion: 106 Resp: 12973
Ion Ratio Lower Upper
106 100
91 202.6 156.9 235.3

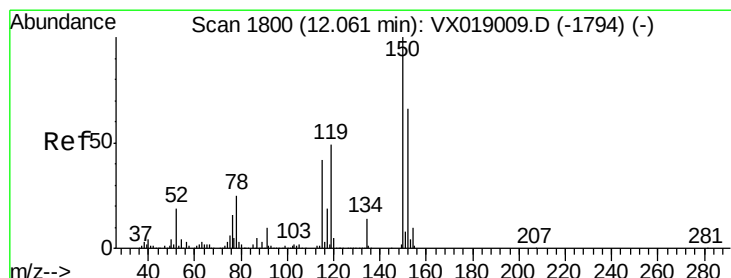
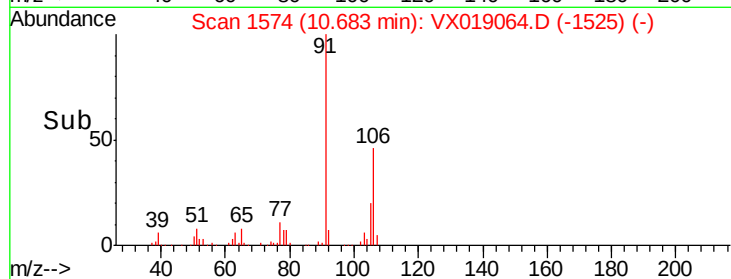
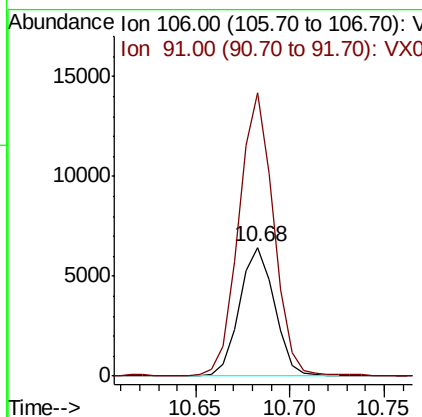
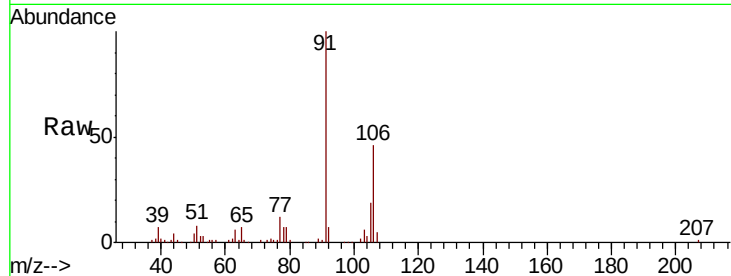




#69
o-Xylene
Concen: 1.379 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

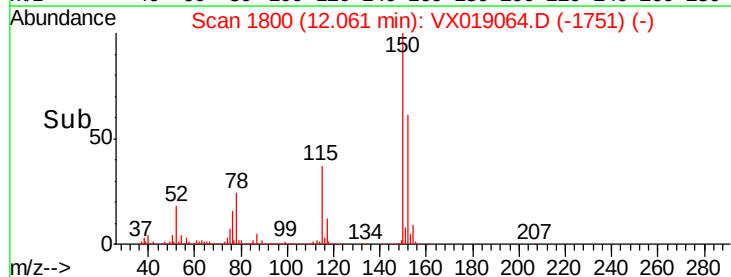
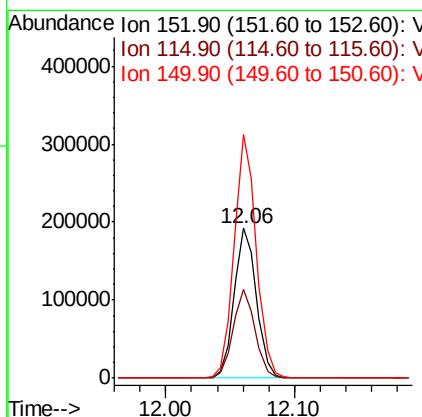
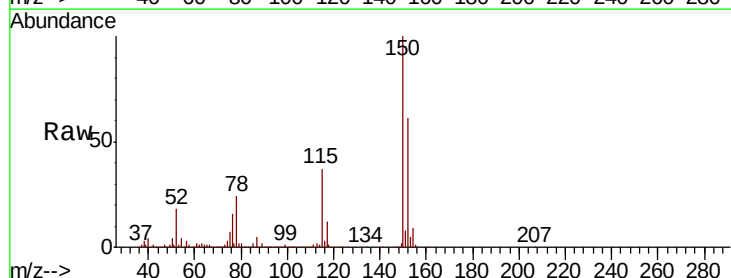
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

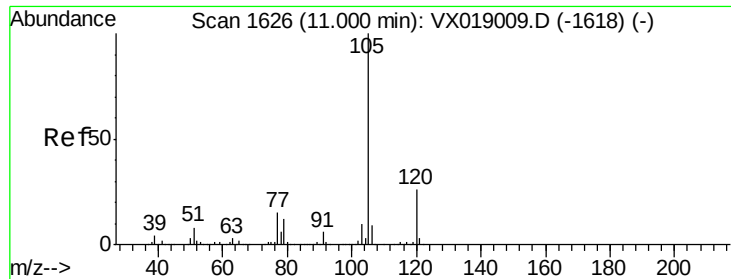
Tot Ion:106 Resp: 8296
Ion Ratio Lower Upper
106 100
91 218.8 104.0 312.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion:152 Resp: 231968
Ion Ratio Lower Upper
152 100
115 58.1 40.8 122.5
150 160.9 0.0 345.6





#73

Isopropylbenzene

Concen: 0.450 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

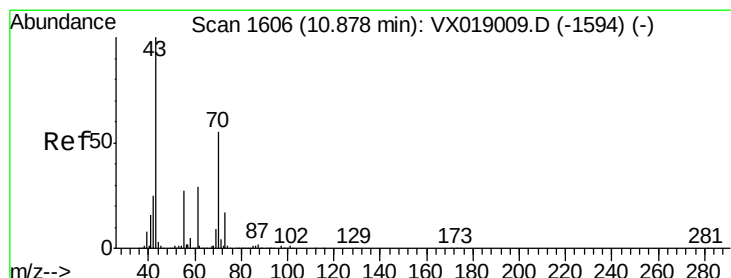
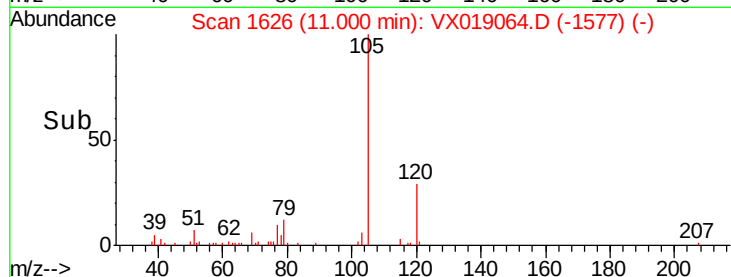
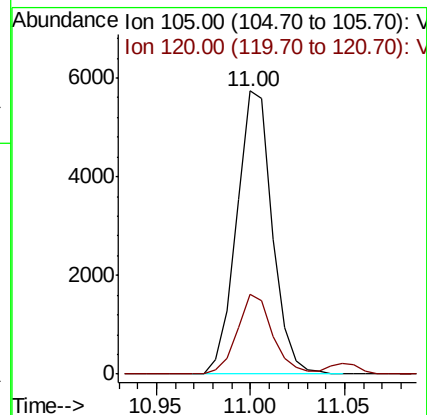
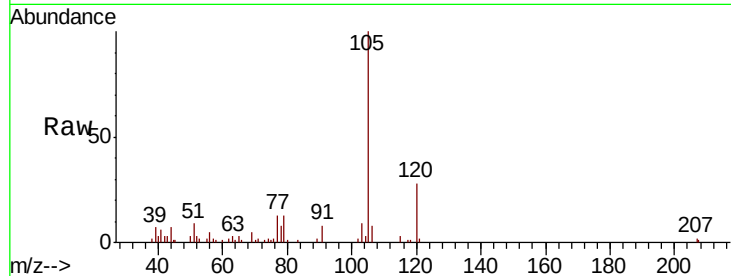
201021075-01-VOA

Tot Ion:105 Resp: 7514

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 0.284 ug/l

RT: 10.93 min Scan# 1614

Delta R.T. 0.05 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Tgt Ion: 43 Resp: 1519

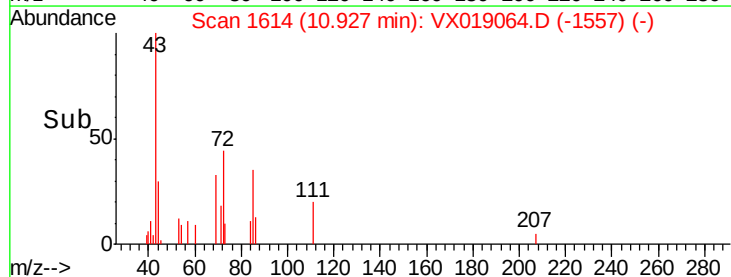
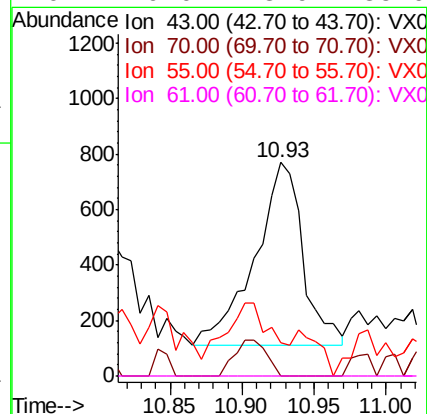
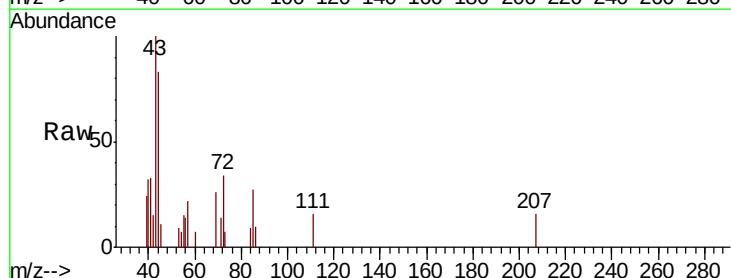
Ion Ratio Lower Upper

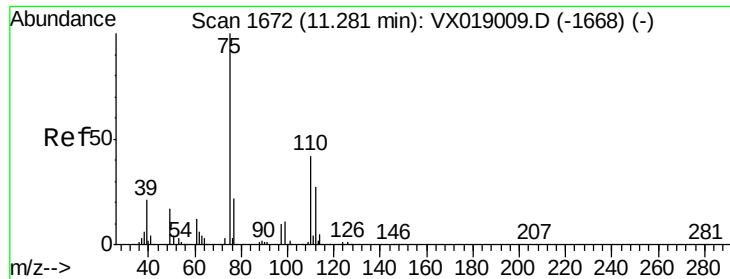
43 100

70 0.0 44.5 66.7#

55 12.8 21.9 32.9#

61 0.0 23.9 35.9#





#76

1,2,3-Trichloropropane

Concen: 22.938 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

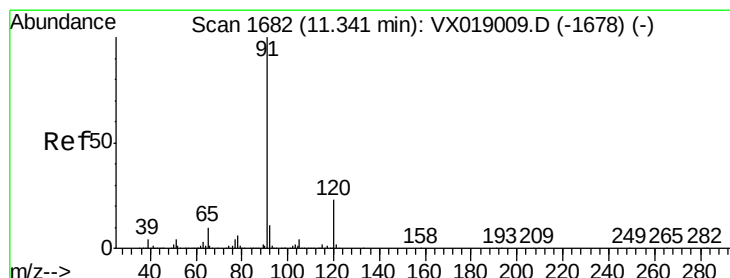
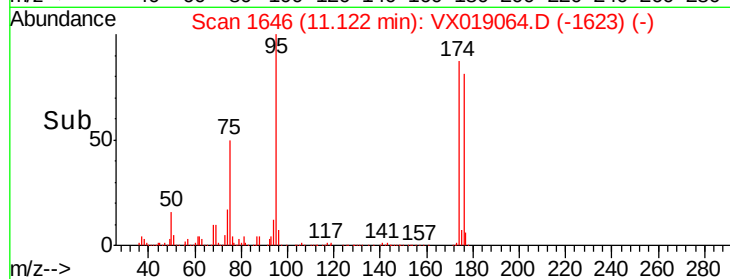
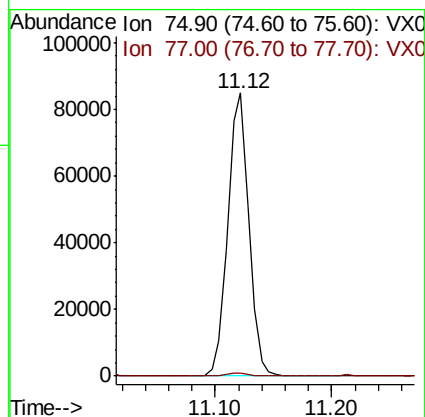
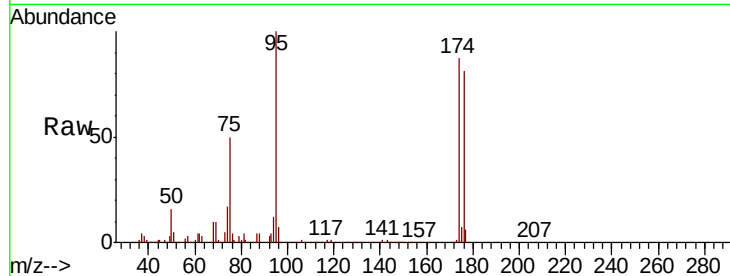
201021075-01-VOA

Tot Ion: 75 Resp: 106348

Ion Ratio Lower Upper

75 100

77 1.2 20.7 62.1#



#78

n-propylbenzene

Concen: 0.234 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019064.D

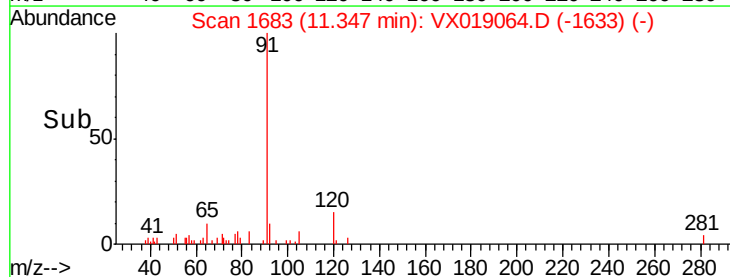
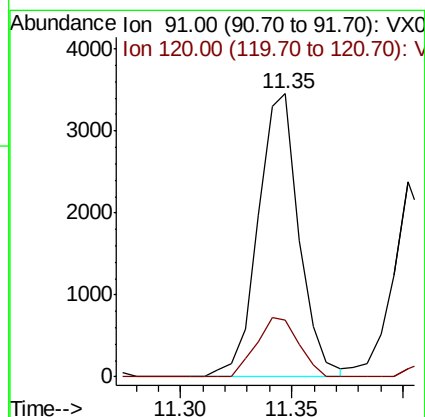
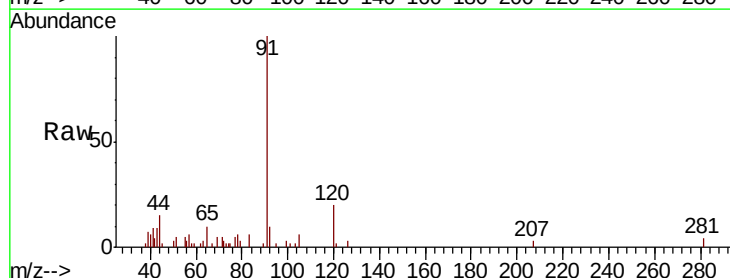
Acq: 23 Oct 2020 06:11

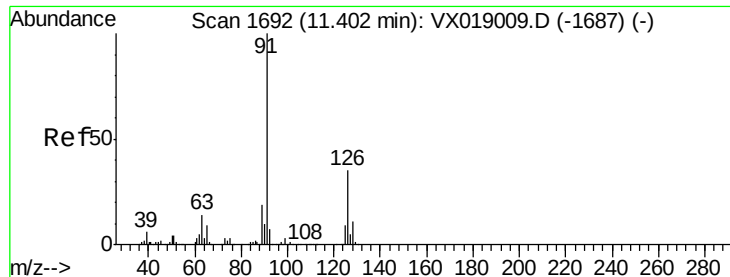
Tgt Ion: 91 Resp: 4430

Ion Ratio Lower Upper

91 100

120 21.6 12.1 36.3

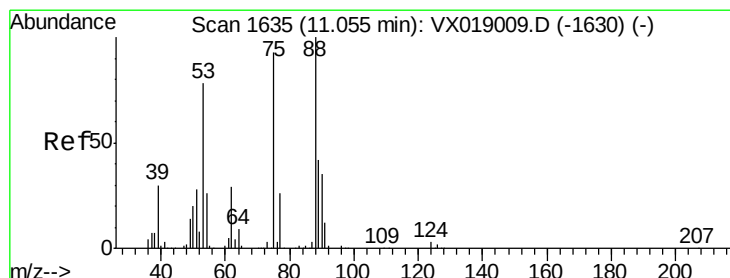
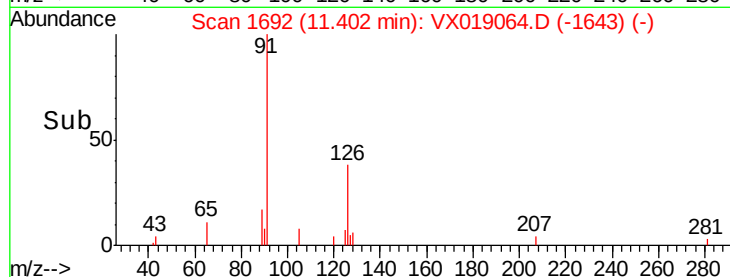
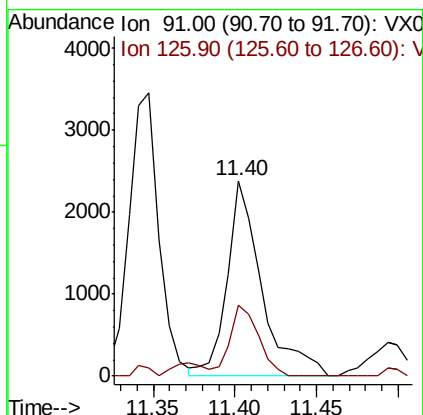
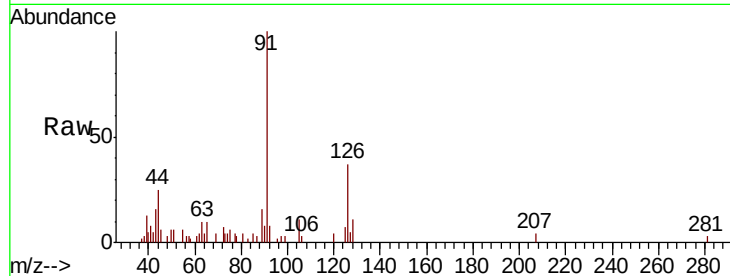




#79
2-Chlorotoluene
Concen: 0.319 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

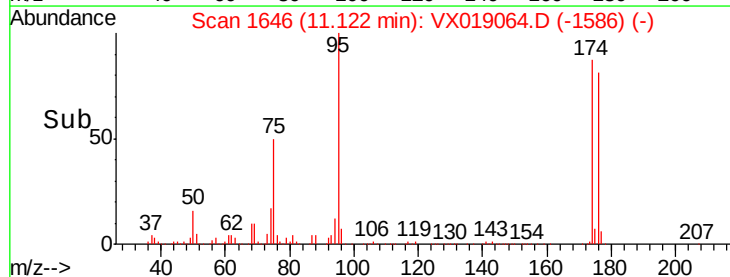
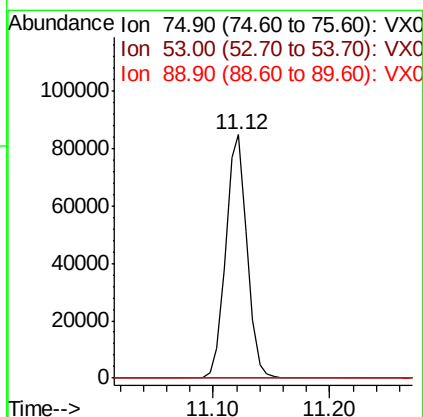
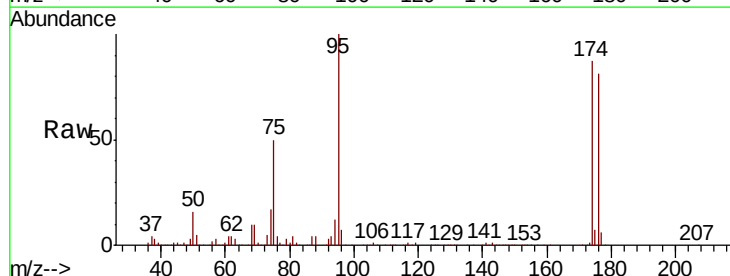
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

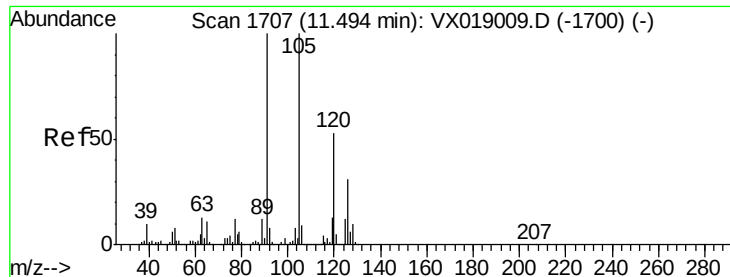
Tot Ion: 91 Resp: 3518
Ion Ratio Lower Upper
91 100
126 30.0 17.5 52.5



#81
trans-1,4-Dichloro-2-butene
Concen: 58.440 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019064.D
Acq: 23 Oct 2020 06:11

Tgt Ion: 75 Resp: 106348
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.268 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.09 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

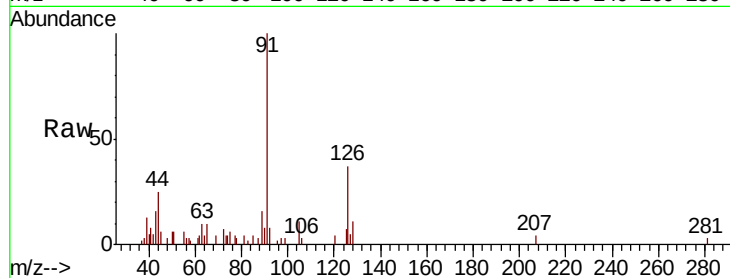
201021075-01-VOA

Tot Ion: 91 Resp: 3518

Ion Ratio Lower Upper

91 100

126 30.0 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1700) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1700) (-)

4000

3000

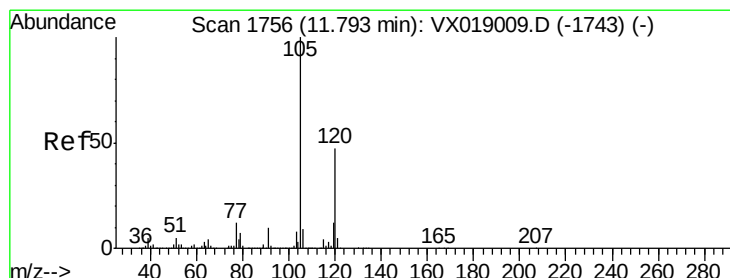
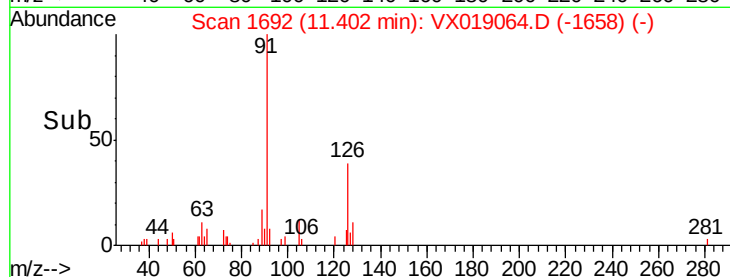
2000

1000

0

11.35 11.40 11.45

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.853 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019064.D

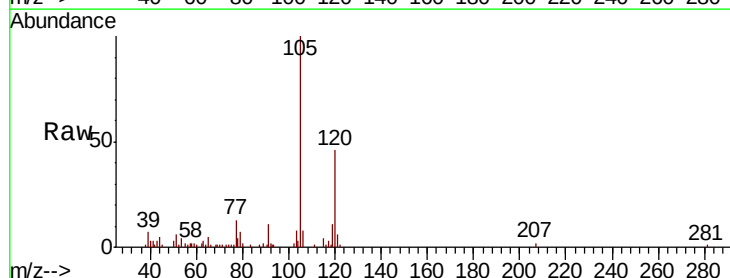
Acq: 23 Oct 2020 06:11

Tgt Ion: 105 Resp: 11769

Ion Ratio Lower Upper

105 100

120 45.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1743) (-)

10000

8000

6000

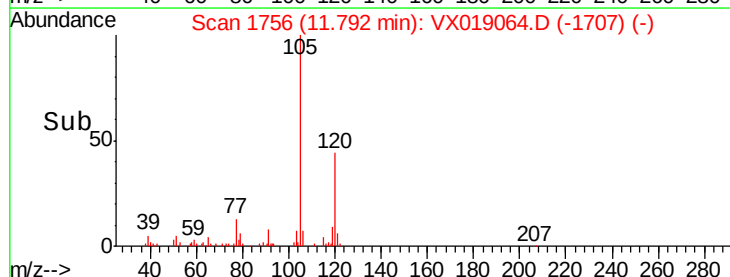
4000

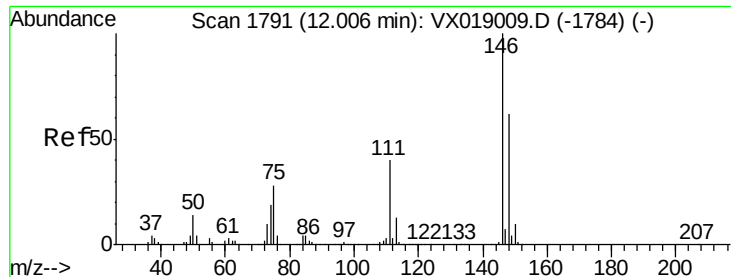
2000

0

11.70 11.80

Time-->

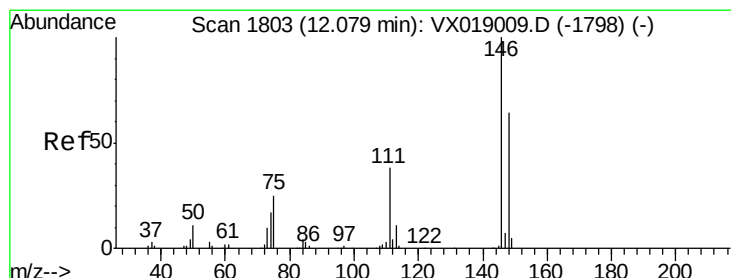
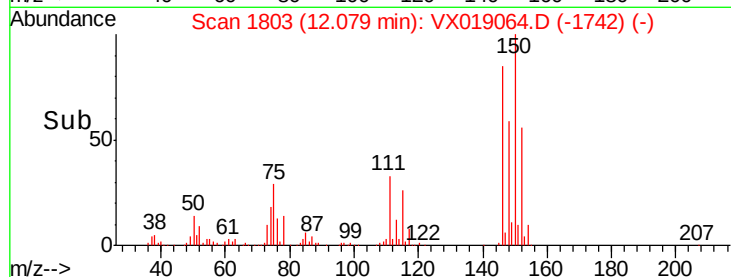
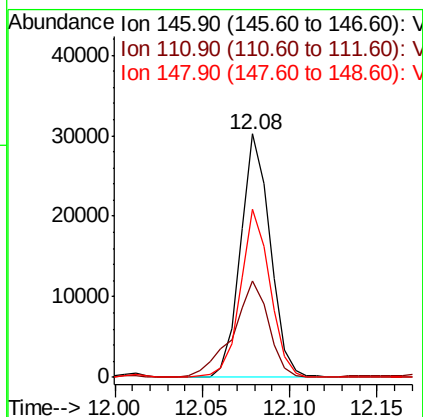
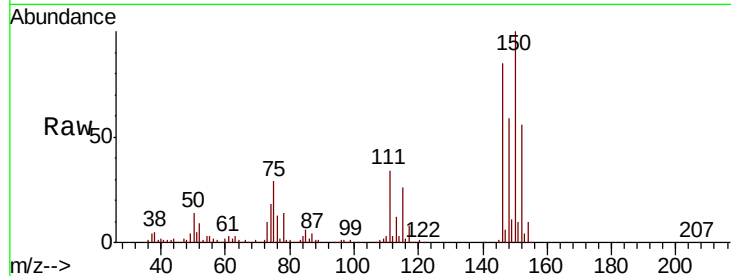




#87
 1,3-Dichlorobenzene
 Concen: 4.585 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.07 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

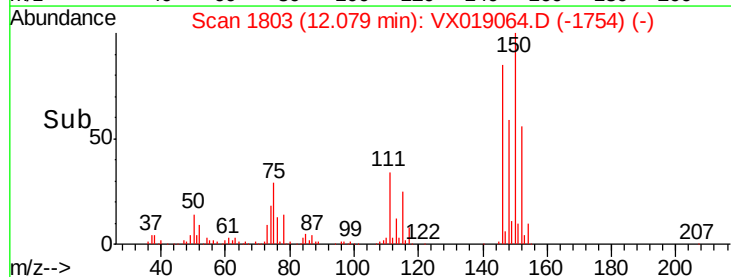
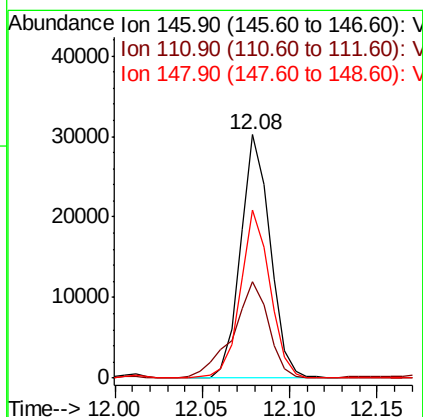
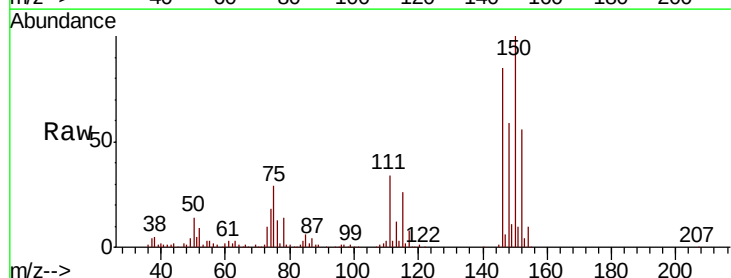
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

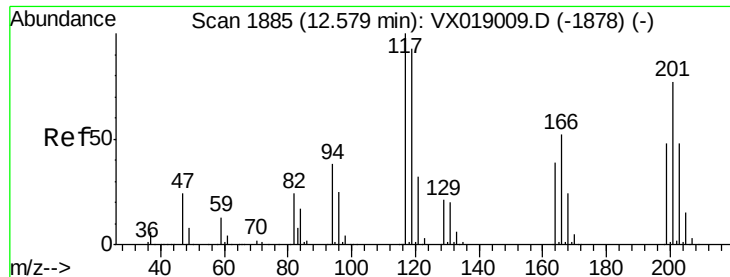
Tot Ion:146 Resp: 35445
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.7 59.1
 148 69.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 4.468 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Tgt Ion:146 Resp: 35445
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.4 58.2
 148 69.4 32.2 96.6

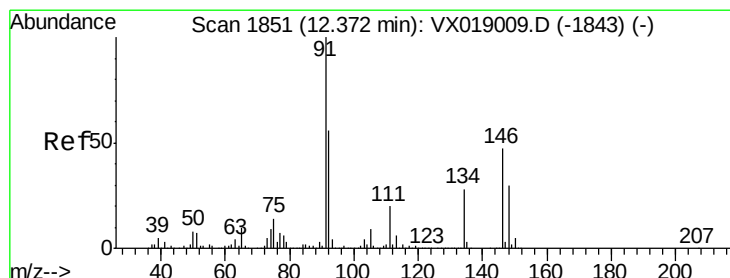
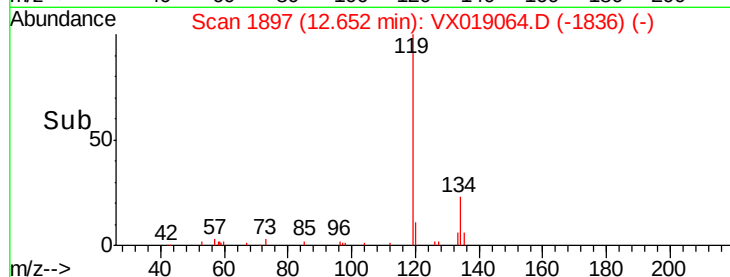
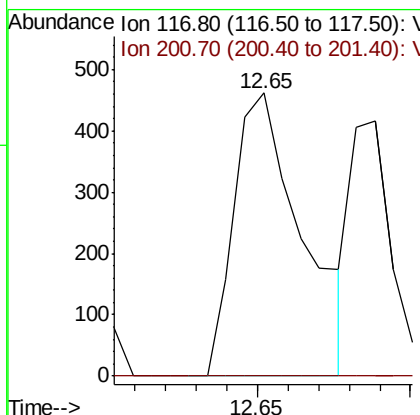
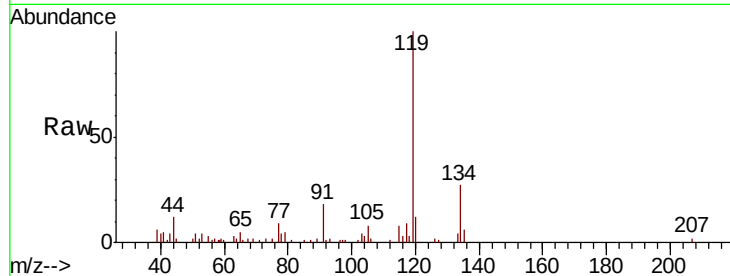




#90
 Hexachloroethane
 Concen: 0.309 ug/l
 RT: 12.65 min Scan# 1897
 Delta R.T. 0.07 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

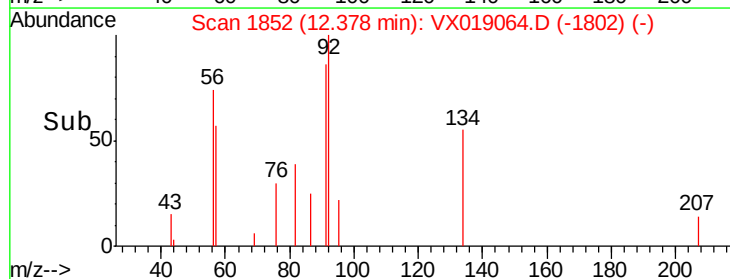
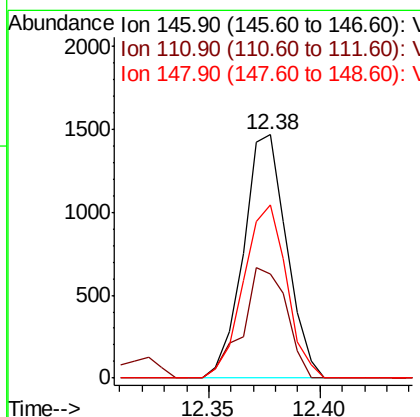
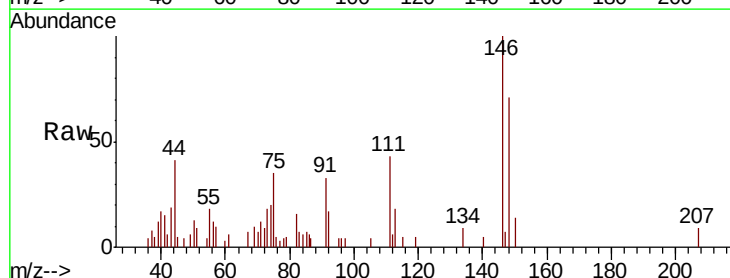
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

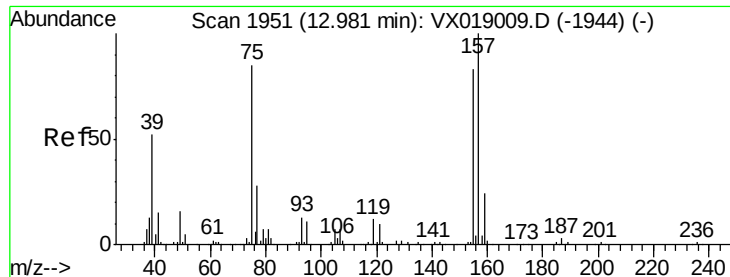
Tot Ion:117 Resp: 710
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.1 111.3#



#91
 1,2-Dichlorobenzene
 Concen: 0.276 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019064.D
 Acq: 23 Oct 2020 06:11

Tgt Ion:146 Resp: 1987
 Ion Ratio Lower Upper
 146 100
 111 45.9 19.9 59.7
 148 71.1 31.4 94.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.216 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Instrument :

MSVOA_X

ClientSampleId :

201021075-01-VOA

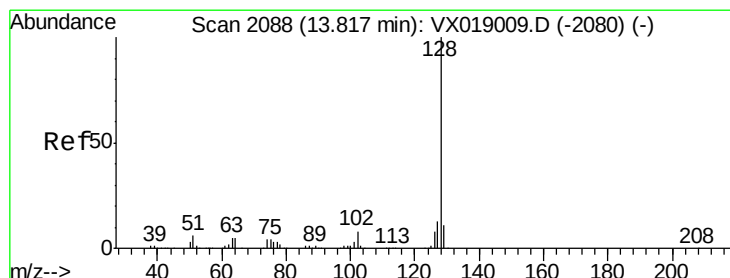
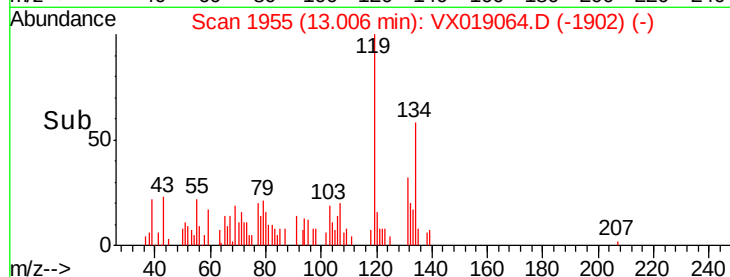
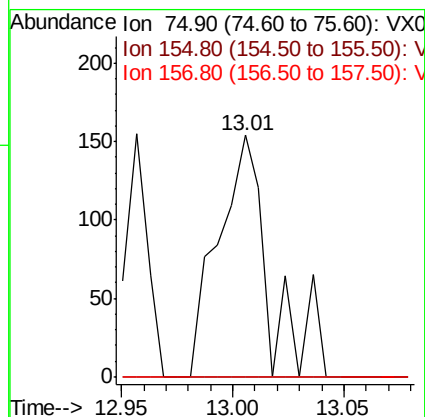
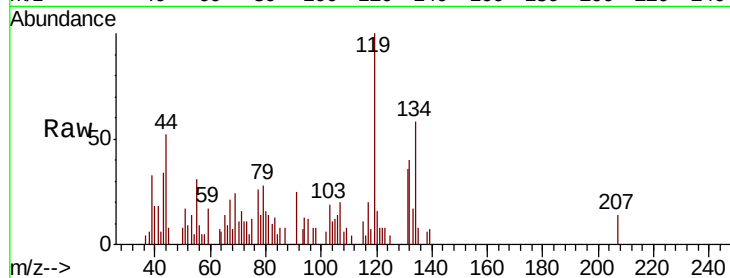
Tot Ion: 75 Resp: 247

Ion Ratio Lower Upper

75 100

155 0.0 47.3 142.0#

157 0.0 59.7 179.0#



#95

Naphthalene

Concen: 2.622 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019064.D

Acq: 23 Oct 2020 06:11

Tgt Ion: 128 Resp: 43502

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.7 13.1

