

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX017002.D
 Acq On : 27 Jun 2020 00:26
 Operator : JC/SP
 Sample : L3146-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	53190	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	295158	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	282868	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	123111	29.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.13%
60) 4-Bromofluorobenzene	11.12	95	137008	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.70	98	357113	28.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.47%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.40	62	1700	0.475 ug/l	93
6) Chloroethane	1.71	64	644	0.279 ug/l	94
8) Diethyl Ether	2.17	74	12082	5.708 ug/l	97
12) Methyl Acetate	3.17	43	5972	1.555 ug/l	95
13) Acrolein	2.61	56	161	0.266 ug/l	92
14) Acrylonitrile	3.12	53	541	0.297 ug/l #	74
15) Acetone	2.42	58	13539	28.759 ug/l	84
16) Carbon Disulfide	2.56	76	4545	0.475 ug/l #	91
18) Methylene Chloride	2.84	84	836	0.228 ug/l #	65
21) 1,1-Dichloroethane	3.67	63	1341	0.213 ug/l #	81
22) cis-1,2-Dichloroethene	4.57	96	3530	0.919 ug/l	83
23) tert-Butyl Alcohol	3.01	59	3427664	4253.546 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	28268	2.600 ug/l	99
29) 1,1-Dichloropropene	5.77	75	1007	0.209 ug/l	54
30) 2-Butanone	4.67	43	133052	53.088 ug/l #	78
31) 2,2-Dichloropropane	4.67	77	182935	33.174 ug/l #	52
34) Benzene	6.12	78	46078	3.291 ug/l	96
36) 1,2-Dichloroethane	6.17	62	2019	0.377 ug/l #	94
37) Trichloroethene	7.20	130	7618	1.994 ug/l	90
39) 1,2-Dichloropropane	7.49	63	861	0.236 ug/l	95
45) 1,4-Dioxane	7.72	88	7005	81.145 ug/l #	81
58) 4-Methyl-2-Pentanone	8.62	43	30695	5.891 ug/l	94
59) 2-Hexanone	9.48	43	4283	1.101 ug/l #	69
62) Toluene	8.77	91	87688	5.668 ug/l	99
66) Ethyl Benzene	10.24	91	17104	0.997 ug/l	96
67) m/p-Xylenes	10.34	106	52593	8.126 ug/l	97
68) o-Xylene	10.68	106	33232	5.345 ug/l	96
69) Styrene	10.69	104	5066	0.476 ug/l #	1
75) 2-Chlorotoluene	11.41	91	4747	0.407 ug/l	72
76) 1,3,5-Trimethylbenzene	11.49	105	10680	0.755 ug/l	94
80) 1,2,4-Trimethylbenzene	11.79	105	29370	2.067 ug/l	99
81) sec-Butylbenzene	12.13	105	21907	1.334 ug/l	57
82) p-Isopropyltoluene	12.05	119	3643	0.246 ug/l	87
83) 1,3-Dichlorobenzene	12.08	146	22465	2.946 ug/l	96
84) 1,4-Dichlorobenzene	12.08	146	22465	2.932 ug/l	96
86) Hexachloroethane	12.57	117	734	0.253 ug/l #	15
87) 1,2-Dichlorobenzene	12.37	146	1509	0.211 ug/l	96

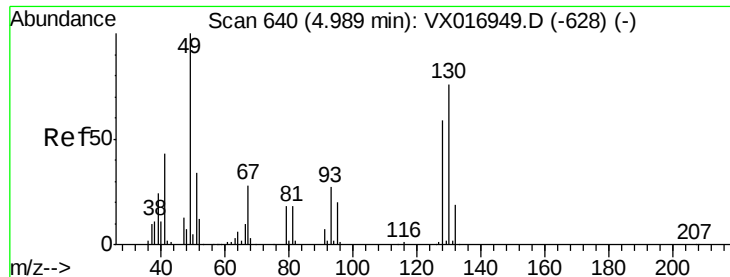
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX017002.D
Acq On : 27 Jun 2020 00:26
Operator : JC/SP
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Quant Time: Jun 27 02:44:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	13.82	128	4978	0.315	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

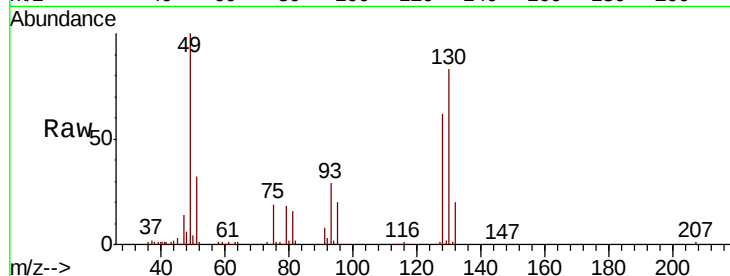
Tot Ion:128 Resp: 53190

Ion Ratio Lower Upper

128 100

49 165.5 0.0 428.0

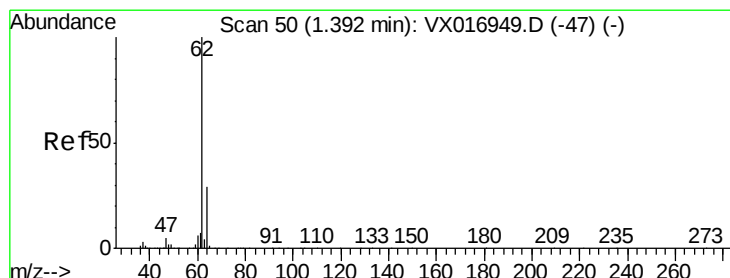
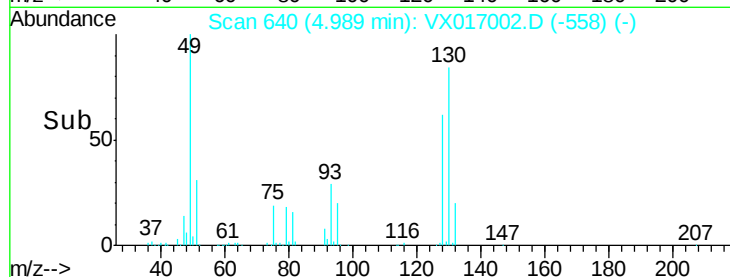
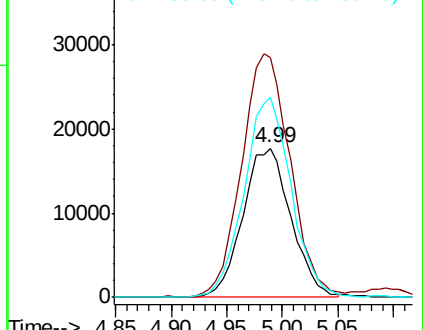
130 131.5 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#4

Vinyl Chloride

Concen: 0.475 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX017002.D

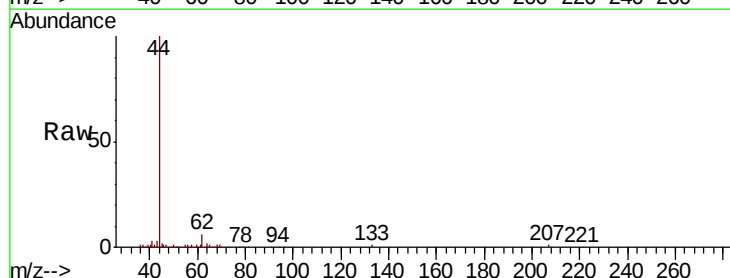
Acq: 27 Jun 2020 00:26

Tgt Ion: 62 Resp: 1700

Ion Ratio Lower Upper

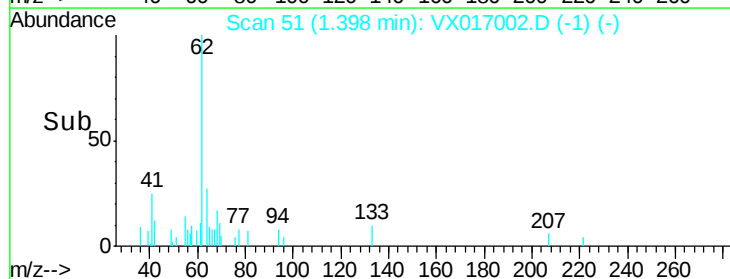
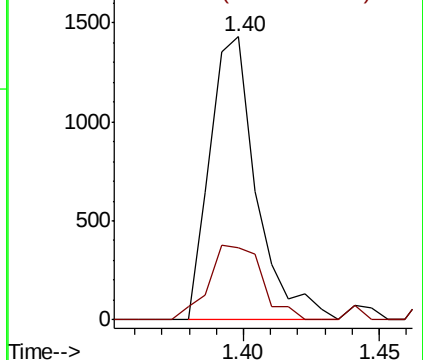
62 100

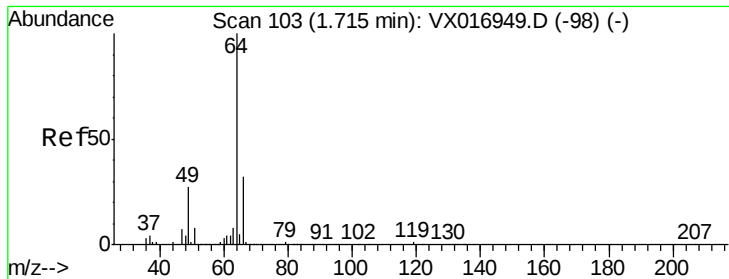
64 25.5 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#6

Chloroethane

Concen: 0.279 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

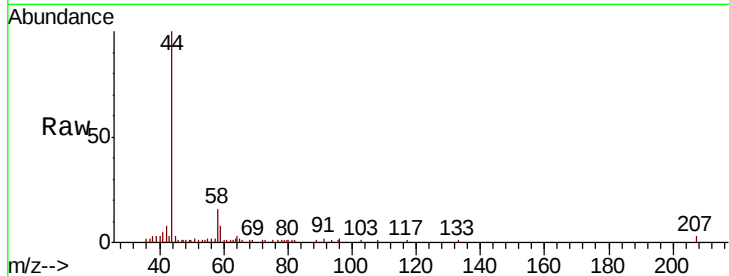
ClientSampled :

Tot Ion: 64 Resp: 644

Ion Ratio Lower Upper

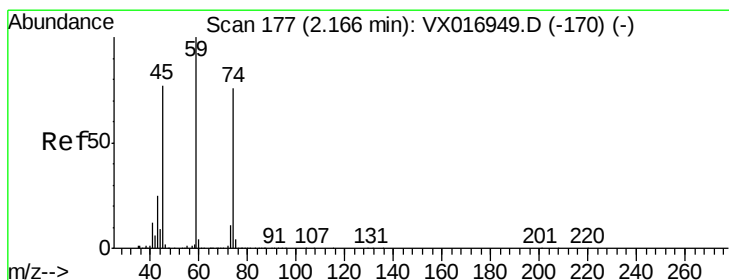
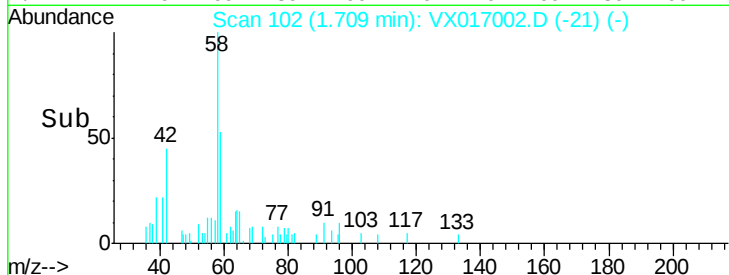
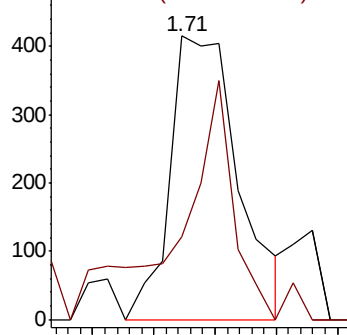
64 100

66 29.4 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



#8

Diethyl Ether

Concen: 5.708 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017002.D

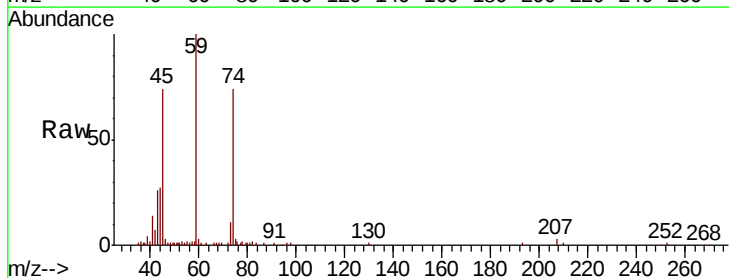
Acq: 27 Jun 2020 00:26

Tgt Ion: 74 Resp: 12082

Ion Ratio Lower Upper

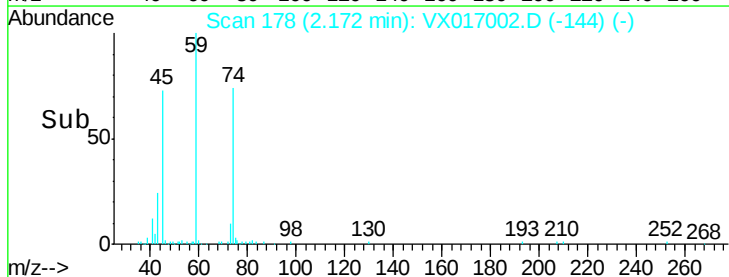
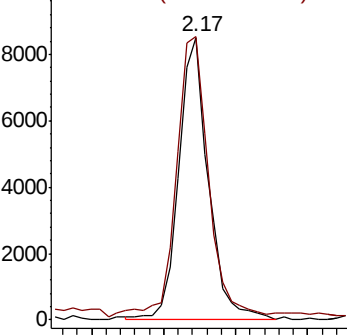
74 100

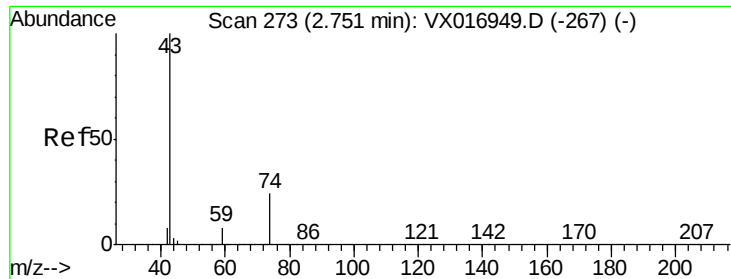
45 102.4 19.8 178.2



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

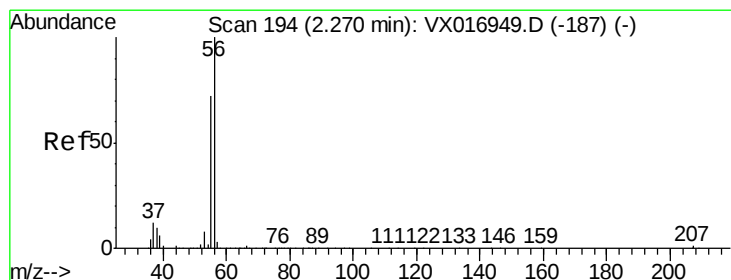
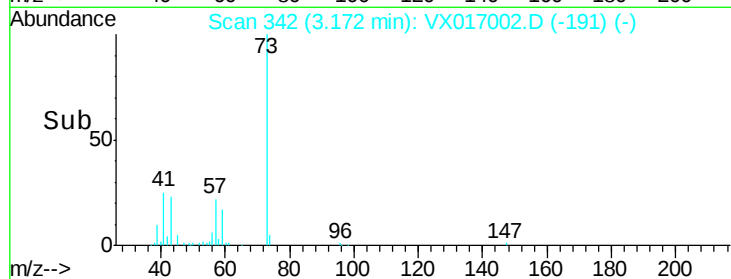
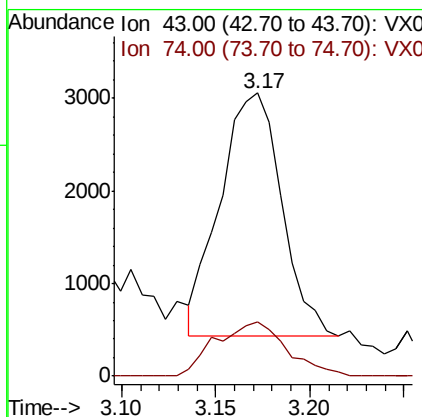
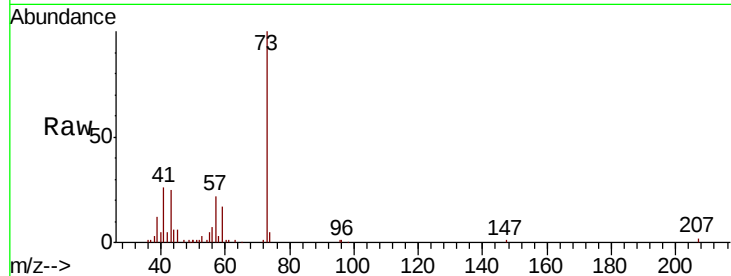




#12
Methvl Acetate
Concen: 1.555 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.42 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

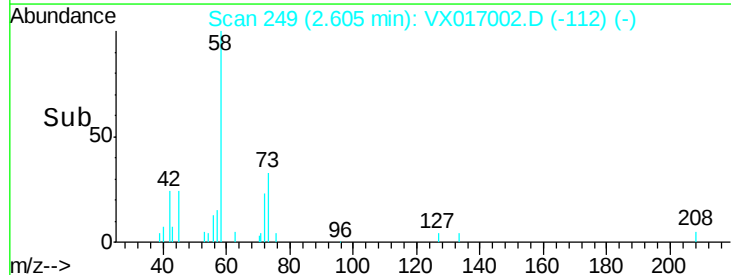
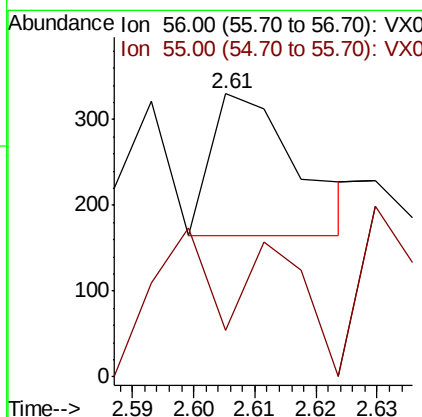
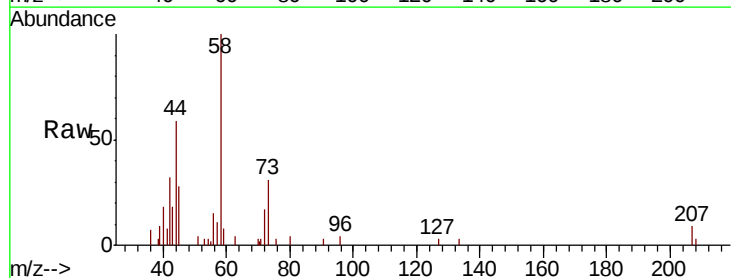
Instrument :
MSVOA_X
ClientSampled :

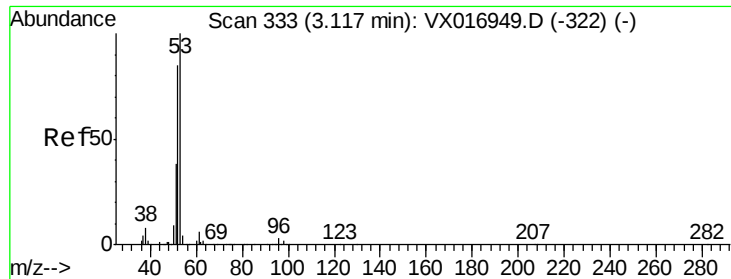
Tot Ion: 43 Resp: 5972
Ion Ratio Lower Upper
43 100
74 21.5 19.1 28.7



#13
Acrolein
Concen: 0.266 ug/l
RT: 2.61 min Scan# 249
Delta R.T. 0.34 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 64.0 56.2 84.4

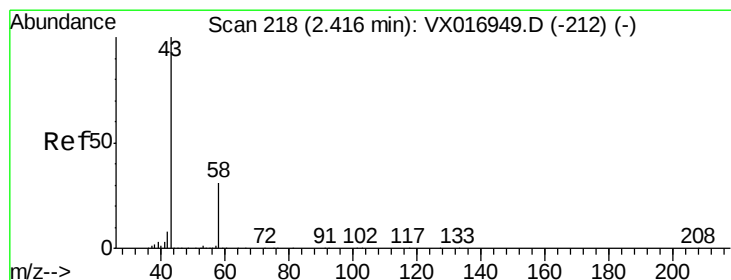
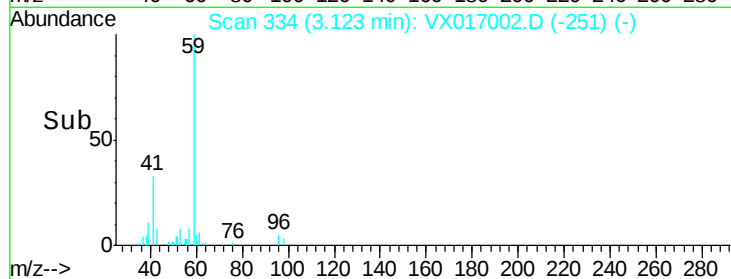
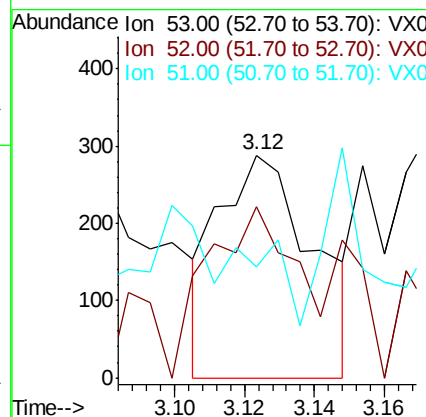
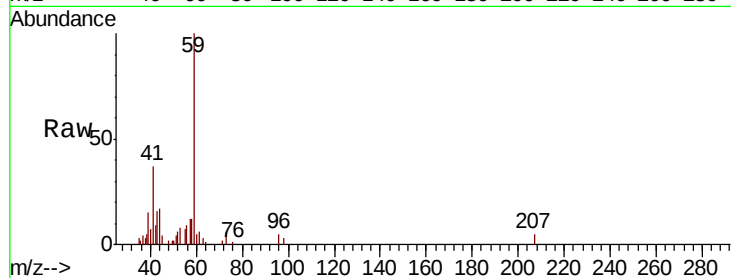




#14
Acrylonitrile
Concen: 0.297 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

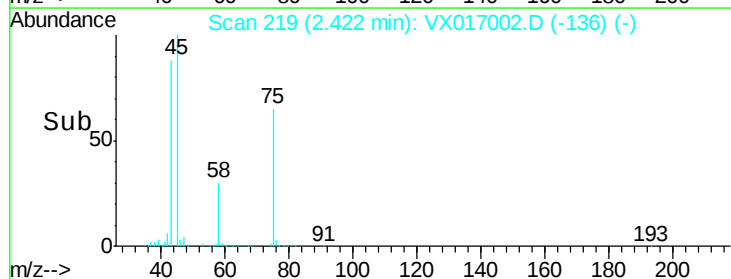
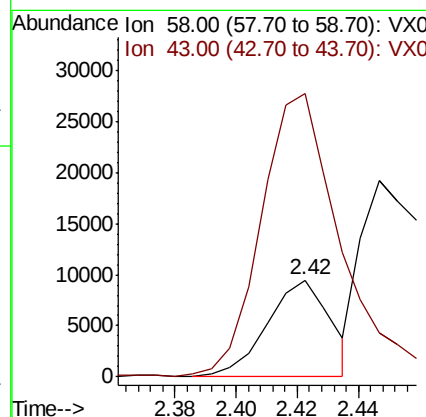
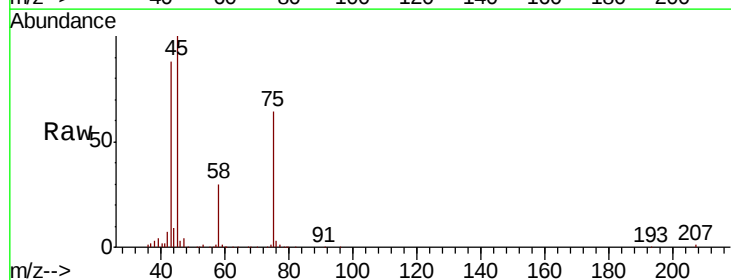
Instrument :
MSVOA_X
ClientSampleId :

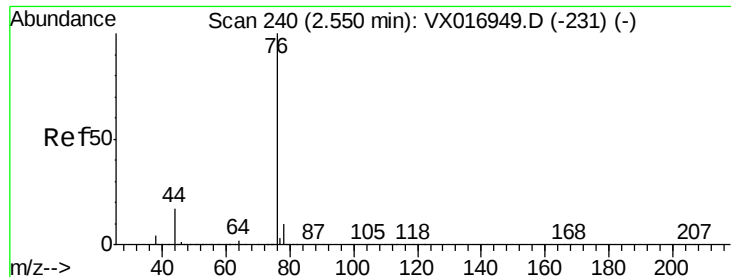
Tot Ion: 53 Resp: 541
Ion Ratio Lower Upper
53 100
52 73.0 40.6 121.8
51 0.0 18.4 55.4#



#15
Acetone
Concen: 28.759 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Tgt Ion: 58 Resp: 13539
Ion Ratio Lower Upper
58 100
43 289.6 257.6 386.4

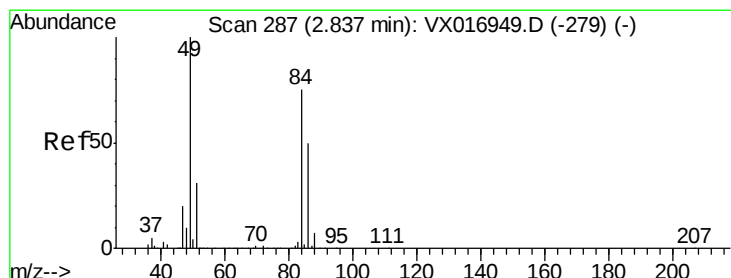
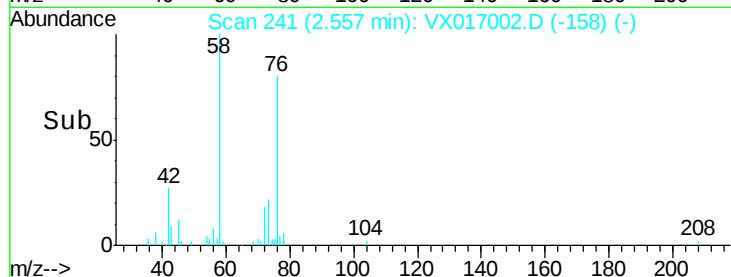
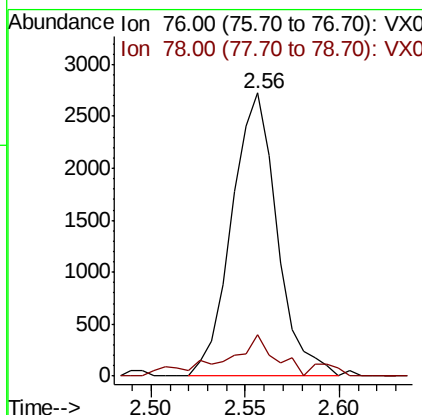
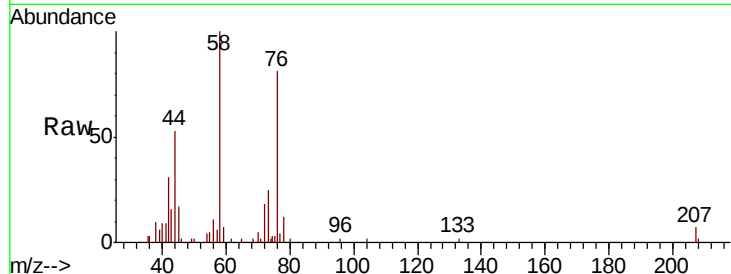




#16
Carbon Disulfide
Concen: 0.475 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

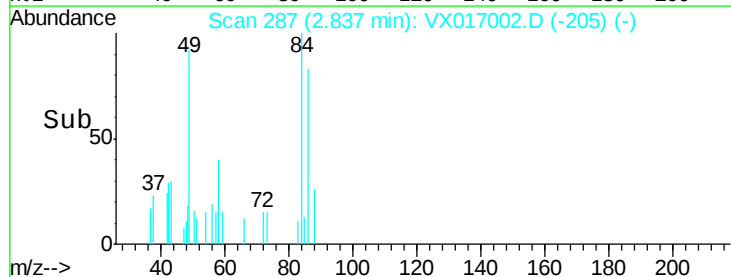
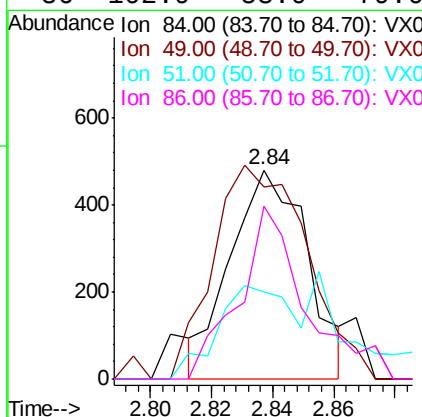
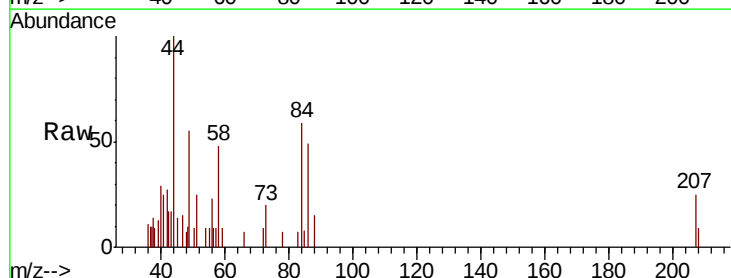
Instrument :
MSVOA_X
ClientSampleId :

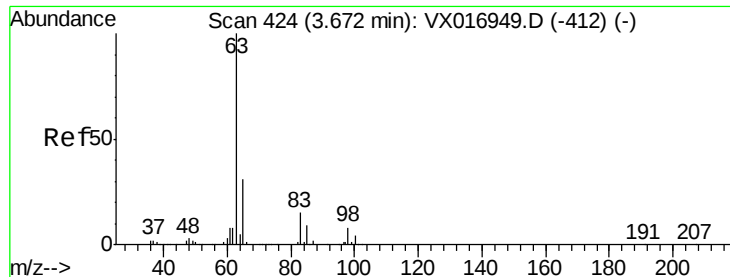
Tot Ion: 76 Resp: 4545
Ion Ratio Lower Upper
76 100
78 12.8 7.6 11.4#



#18
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Tgt Ion: 84 Resp: 836
Ion Ratio Lower Upper
84 100
49 87.8 106.6 159.8#
51 36.6 32.7 49.1
86 102.9 53.0 79.6#





#21

1,1-Dichloroethane

Concen: 0.213 ug/l

RT: 3.67 min Scan# 424

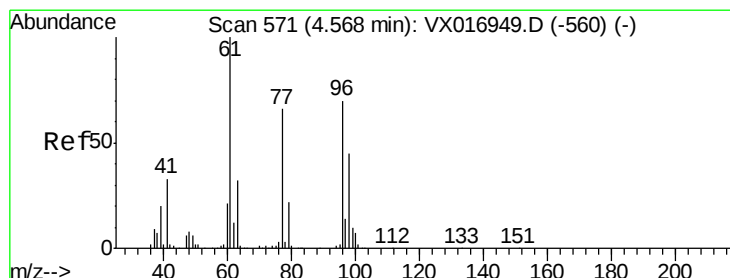
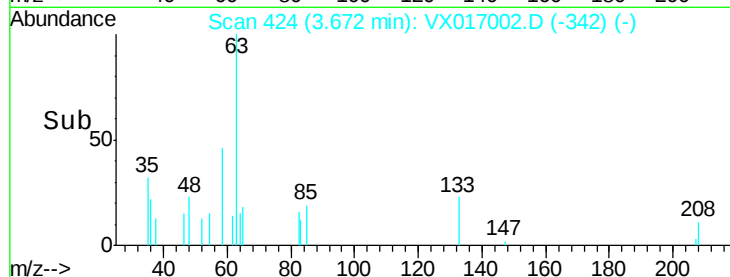
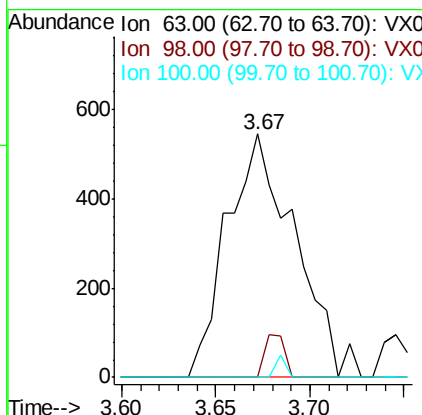
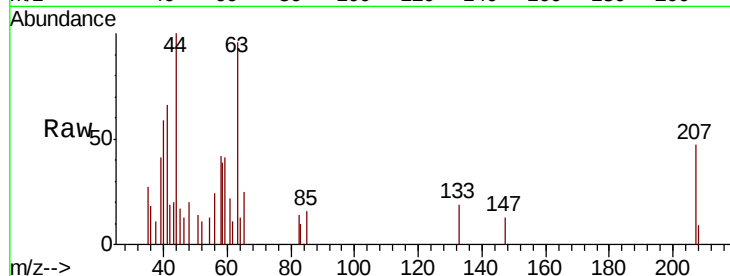
Delta R.T. 0.00 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	1341
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.4#
100	0.0	2.2	6.6#



#22

cis-1,2-Dichloroethene

Concen: 0.919 ug/l

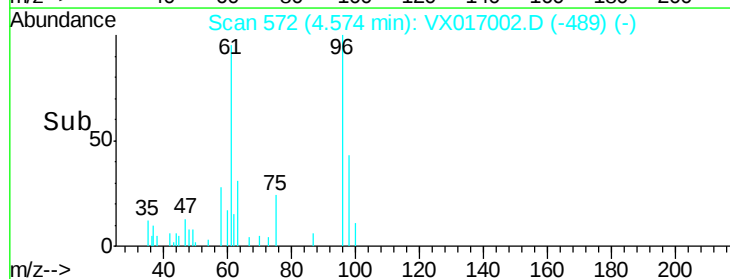
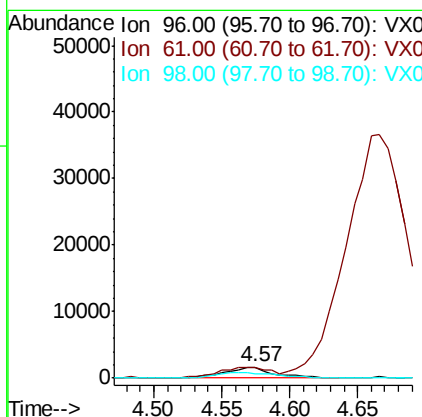
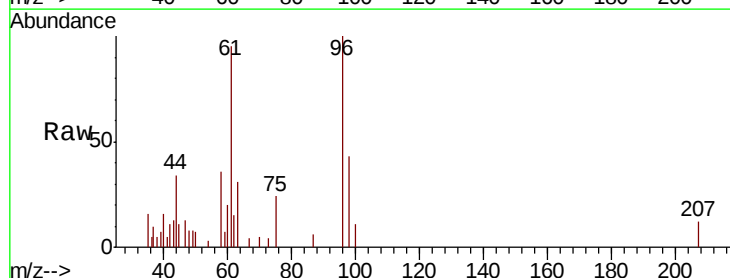
RT: 4.57 min Scan# 572

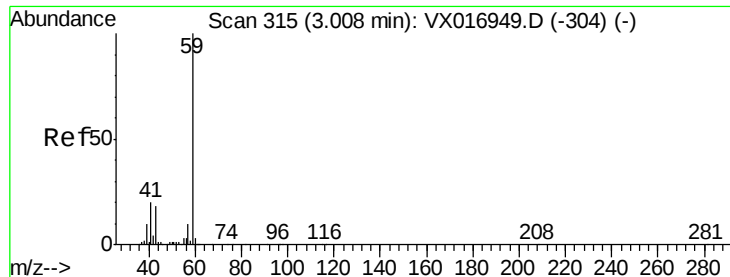
Delta R.T. 0.01 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Tgt Ion:	96	Resp:	3530
Ion	Ratio	Lower	Upper
96	100		
61	125.9	120.8	181.2
98	56.0	51.7	77.5



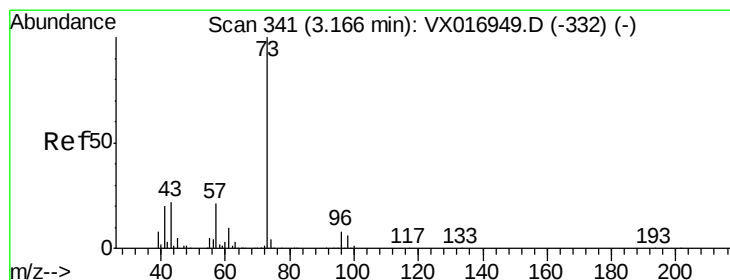
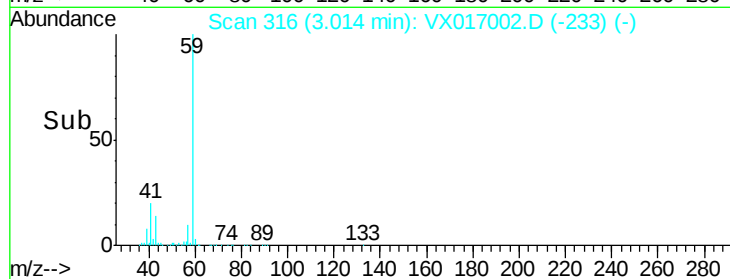
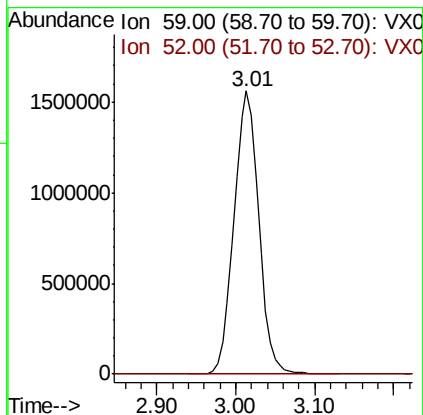
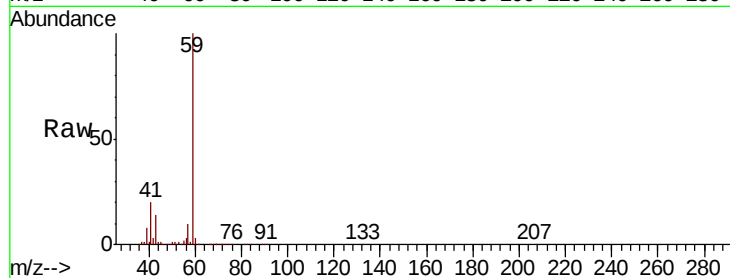


#23

tert-Butyl Alcohol
 Concen: 4253.546 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Instrument :
 MSVOA_X
 ClientSampleId :

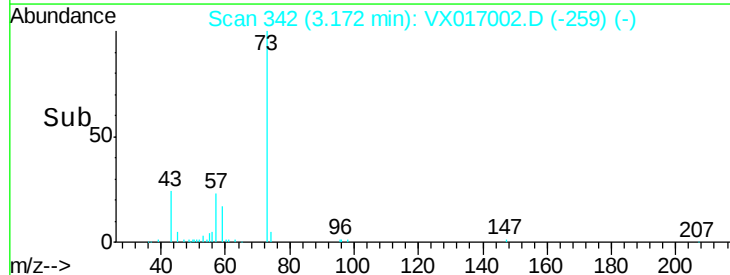
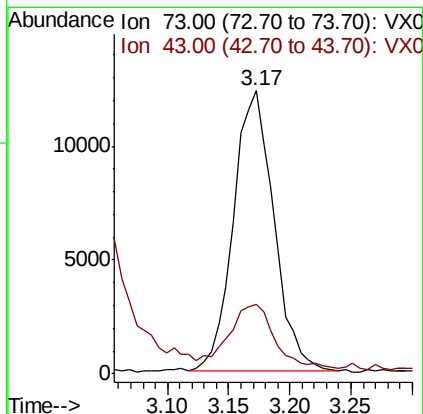
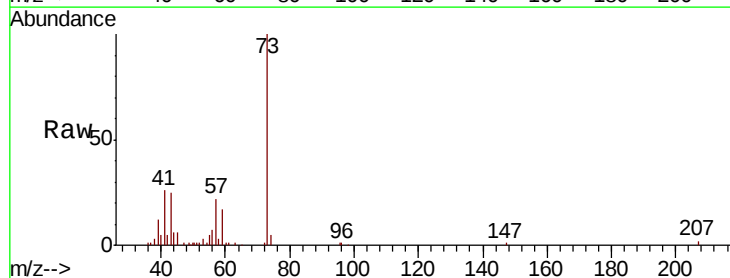
Tot Ion: 59 Resp: 3427664
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

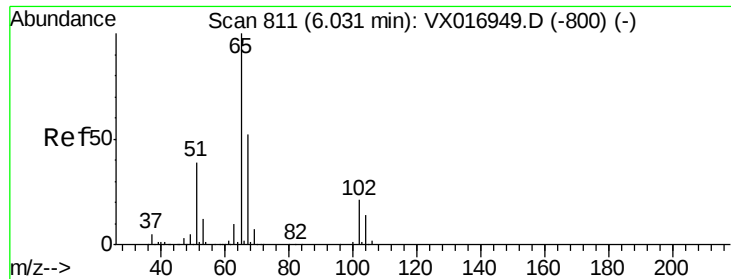


#24

Methyl tert-Butyl Ether
 Concen: 2.600 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion: 73 Resp: 28268
 Ion Ratio Lower Upper
 73 100
 43 21.1 17.2 25.8





#27

1,2-Dichloroethane-d4

Concen: 29.737 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

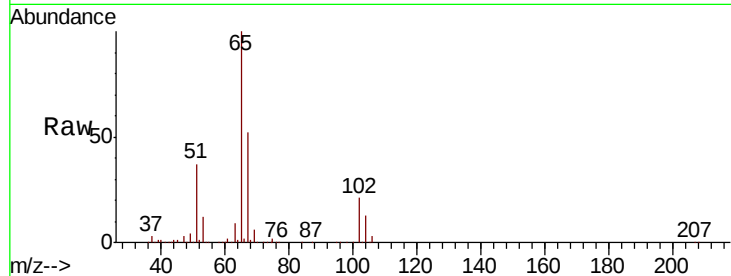
ClientSampleId :

Tot Ion: 65 Resp: 123111

Ion Ratio Lower Upper

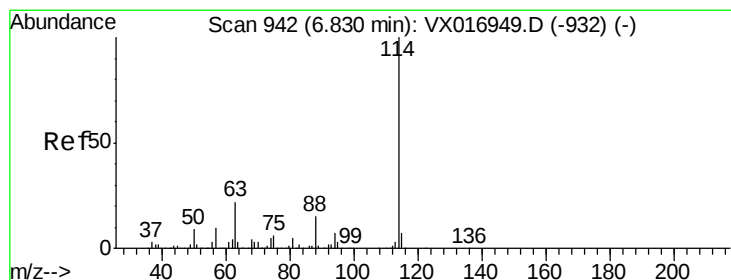
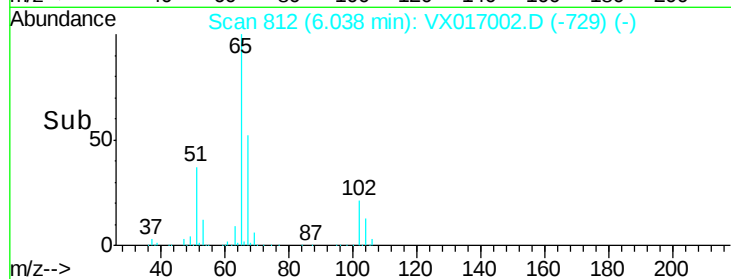
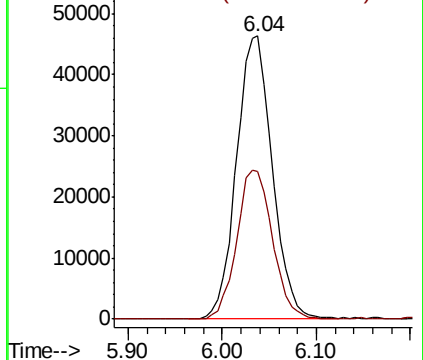
65 100

67 52.4 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

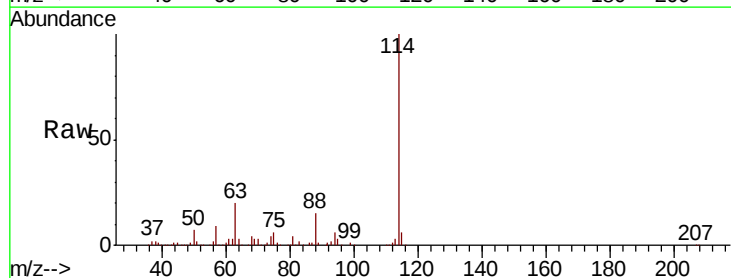
Tgt Ion: 114 Resp: 295158

Ion Ratio Lower Upper

114 100

63 21.0 17.4 26.2

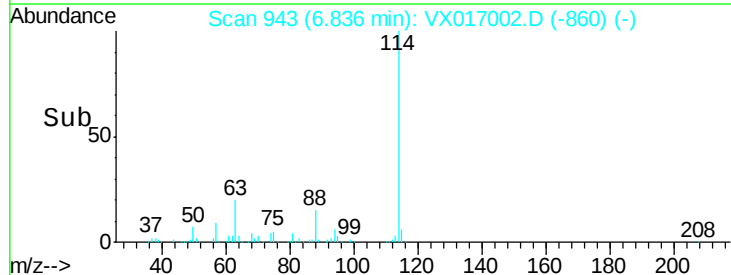
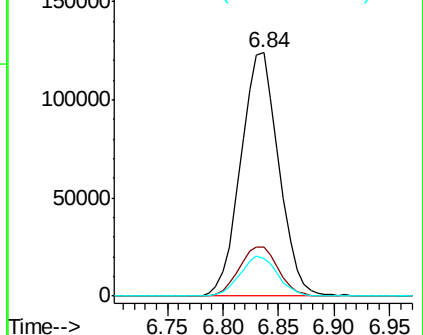
88 16.1 13.0 19.6

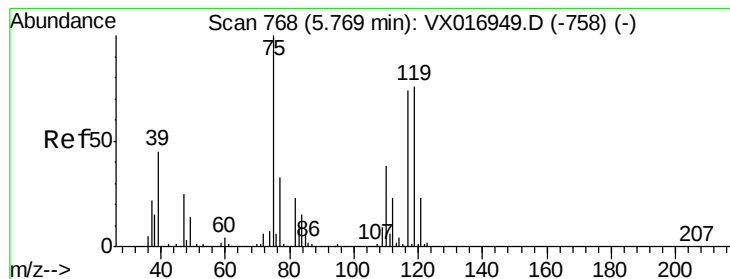


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 0.209 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

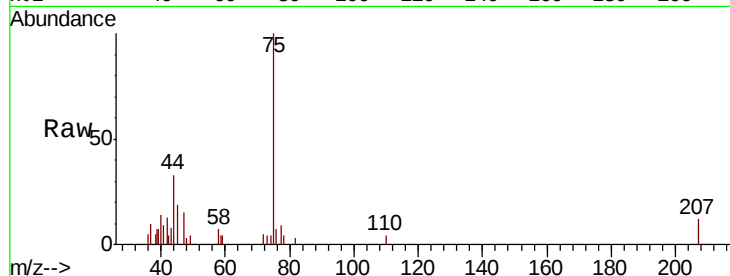
Tot Ion: 75 Resp: 1007

Ion Ratio Lower Upper

75 100

110 5.2 0.0 71.6

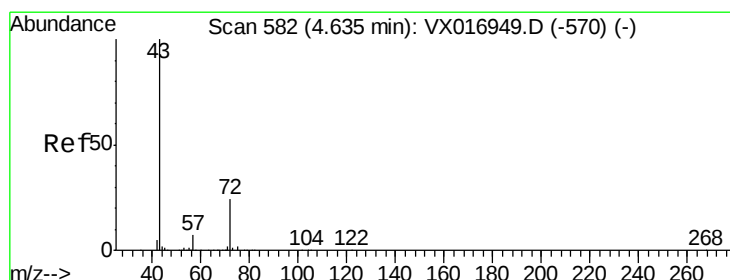
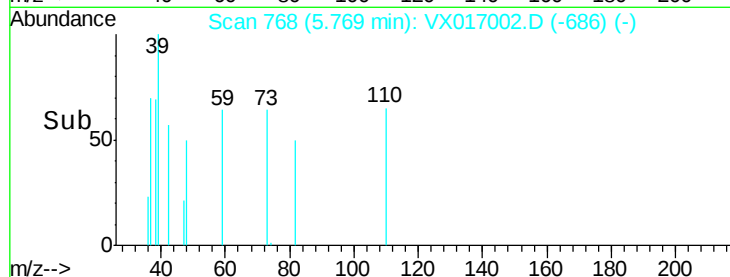
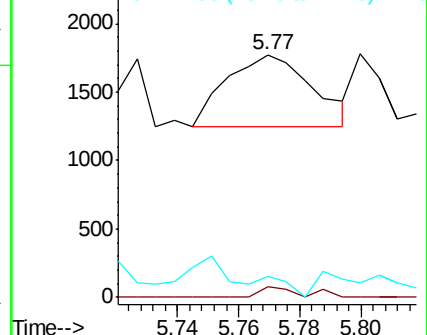
77 9.8 0.0 64.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 53.088 ug/l

RT: 4.67 min Scan# 582

Delta R.T. 0.03 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

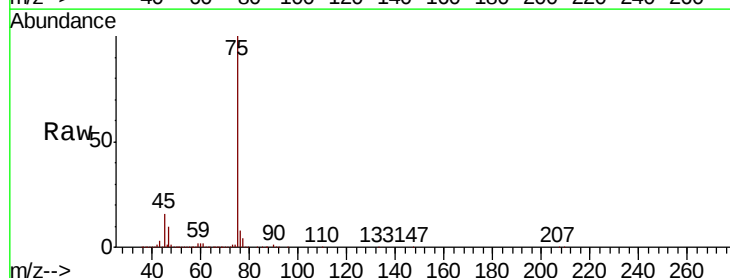
Tgt Ion: 43 Resp: 133052

Ion Ratio Lower Upper

43 100

57 12.1 6.2 9.4#

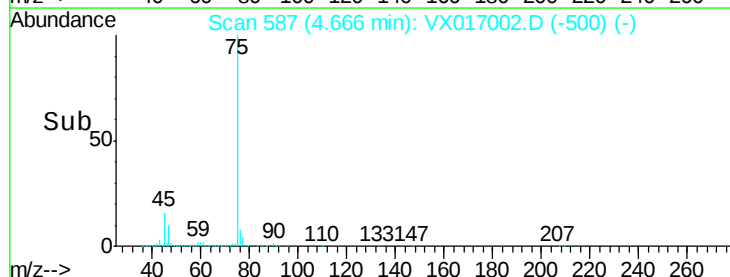
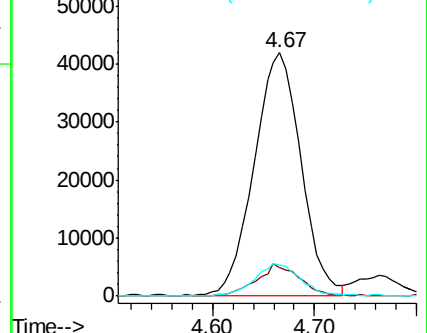
72 13.1 20.6 31.0#

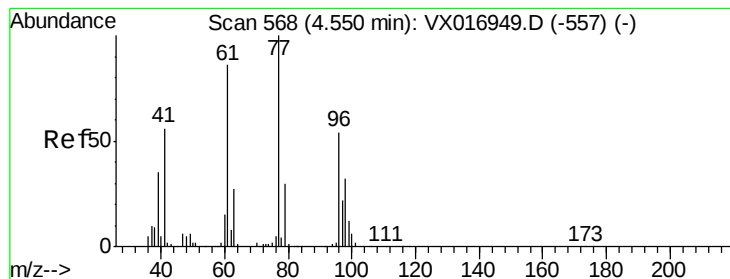


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 33.174 ug/l

RT: 4.67 min Scan# 587

Delta R.T. 0.12 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

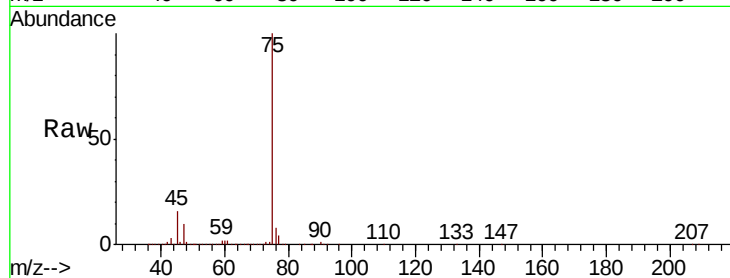
ClientSampleId :

Tot Ion: 77 Resp: 182935

Ion Ratio Lower Upper

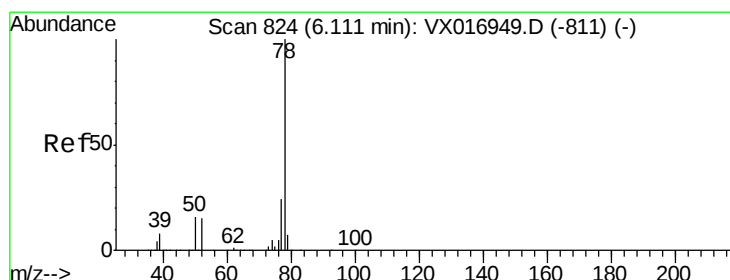
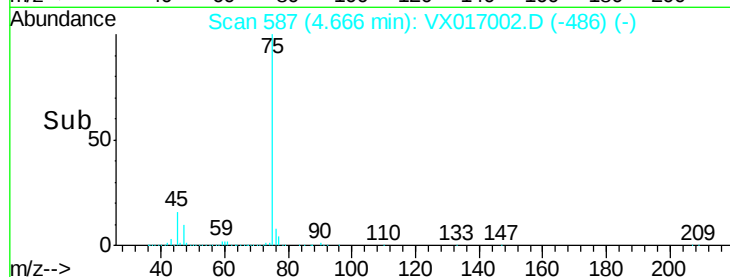
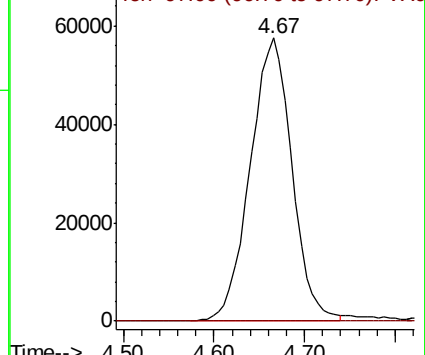
77 100

97 0.0 18.5 27.7#



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#34

Benzene

Concen: 3.291 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

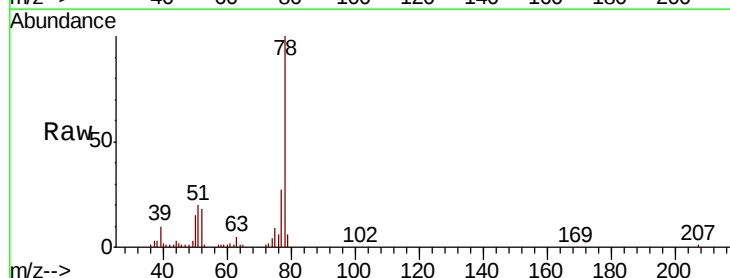
Tgt Ion: 78 Resp: 46078

Ion Ratio Lower Upper

78 100

77 25.5 19.0 28.6

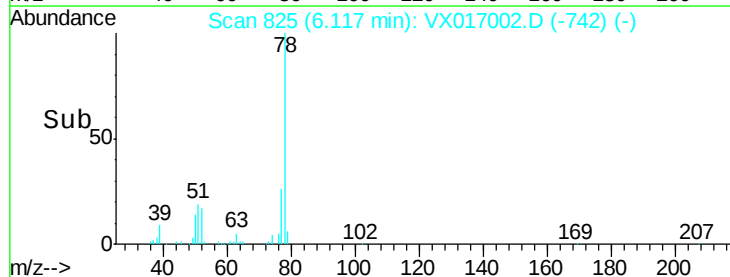
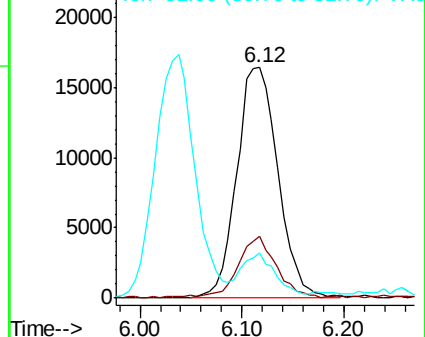
51 17.9 12.8 19.2

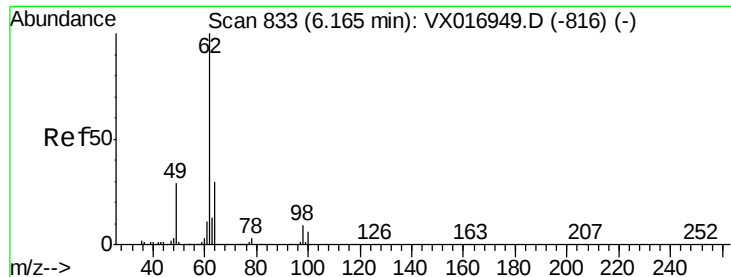


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

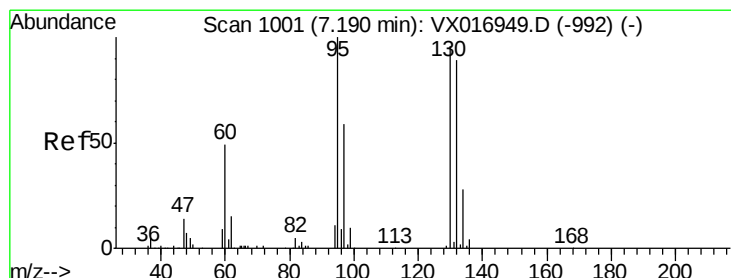
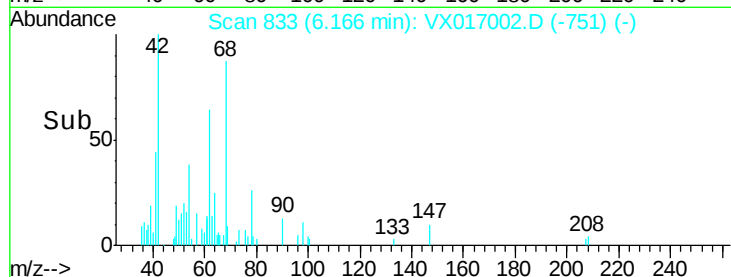
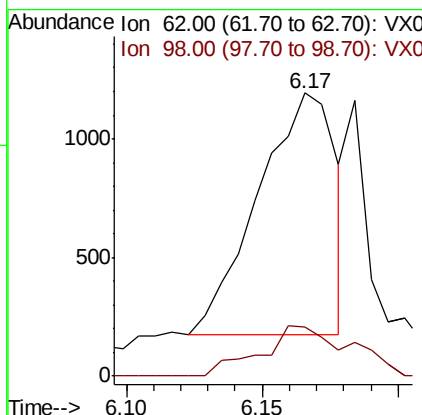
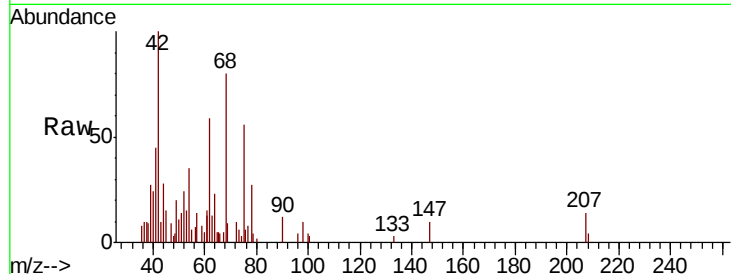




#36
 1,2-Dichloroethane
 Concen: 0.377 ug/l
 RT: 6.17 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

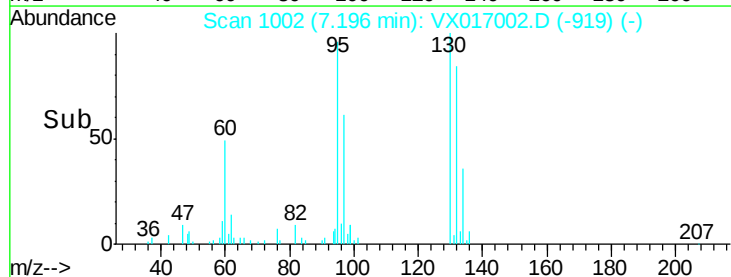
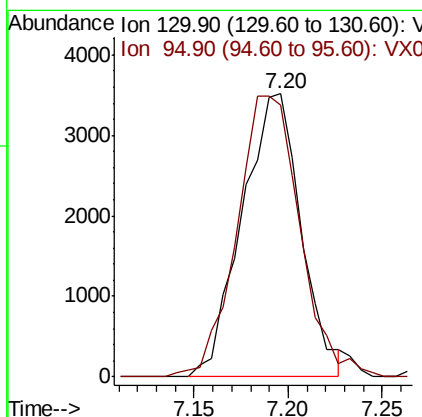
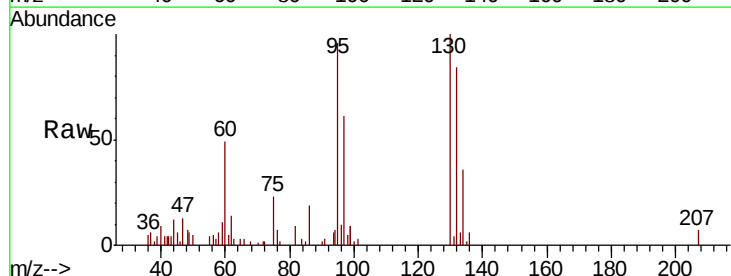
Instrument :
 MSVOA_X
 ClientSampled :

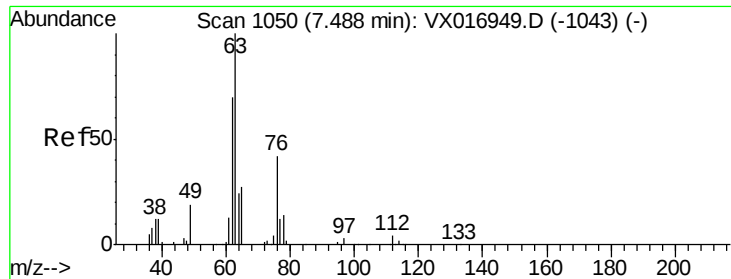
Tot Ion: 62 Resp: 2019
 Ion Ratio Lower Upper
 62 100
 98 7.4 7.6 11.4#



#37
 Trichloroethene
 Concen: 1.994 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion:130 Resp: 7618
 Ion Ratio Lower Upper
 130 100
 95 93.6 83.1 124.7

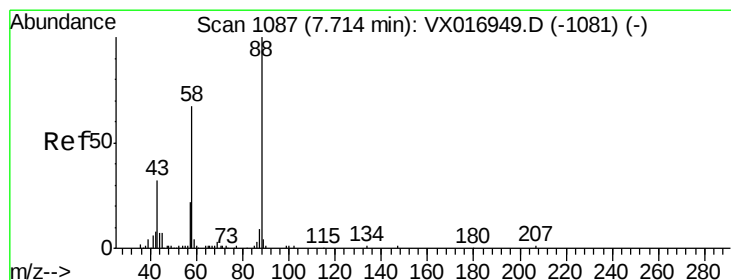
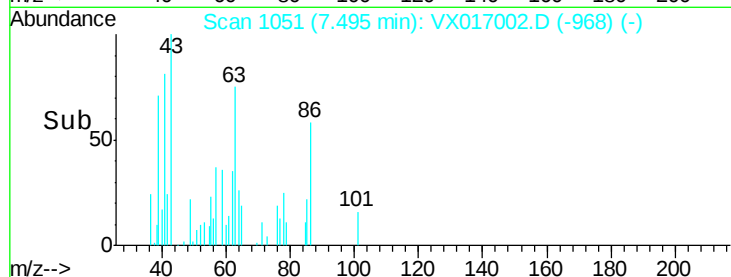
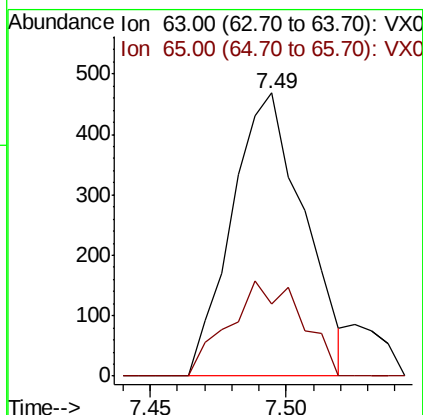
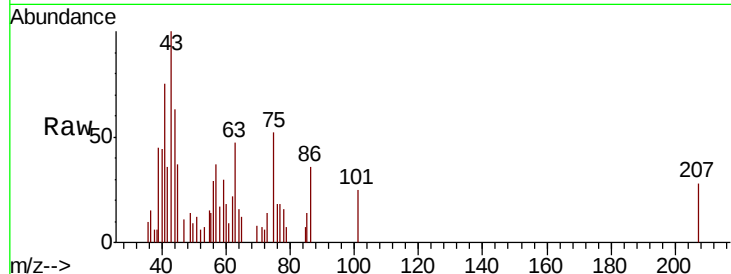




#39
 1,2-Dichloropropane
 Concen: 0.236 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

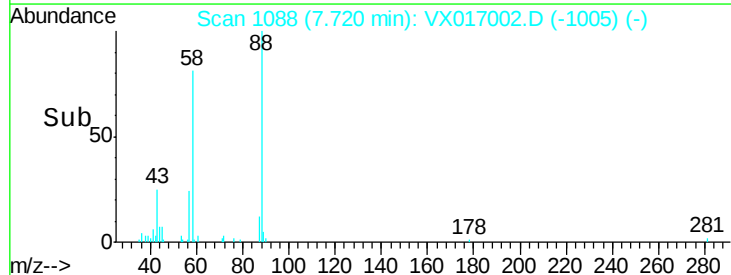
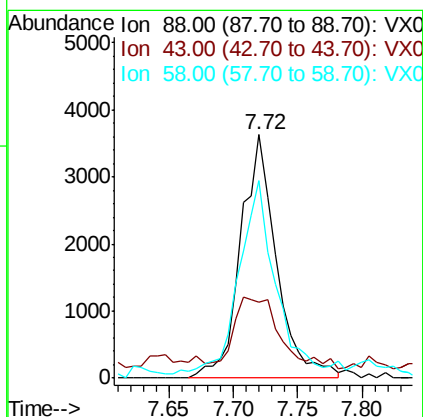
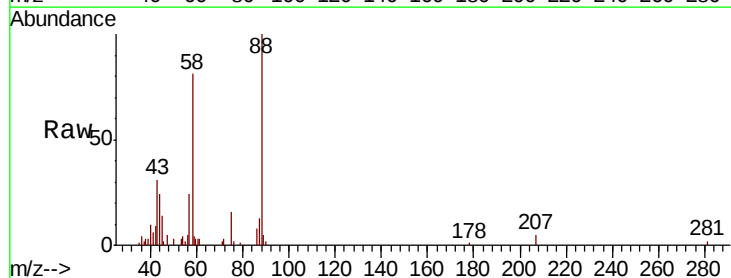
Instrument :
 MSVOA_X
 ClientSampled :

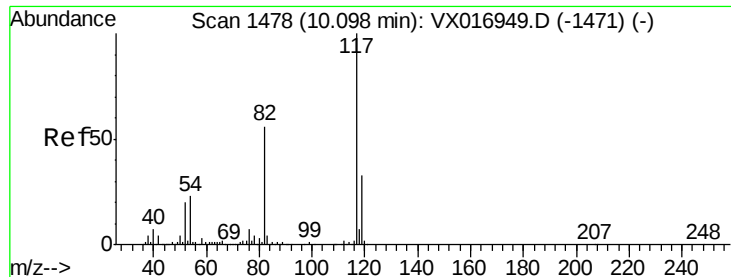
Tot Ion: 63 Resp: 861
 Ion Ratio Lower Upper
 63 100
 65 25.6 22.8 34.2



#45
 1,4-Dioxane
 Concen: 81.145 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion: 88 Resp: 7005
 Ion Ratio Lower Upper
 88 100
 43 19.4 28.9 43.3#
 58 82.9 56.7 85.1

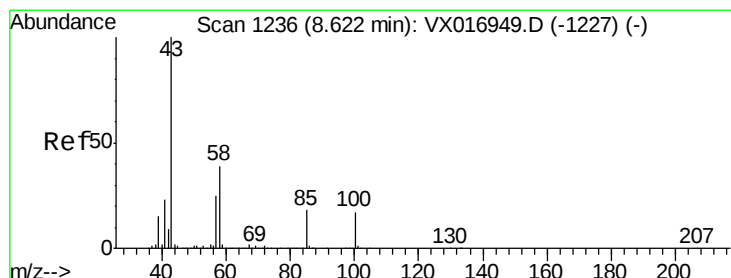
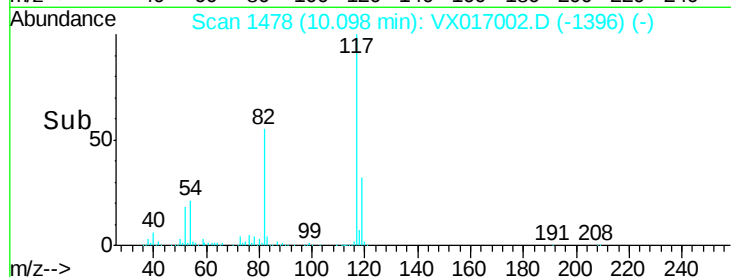
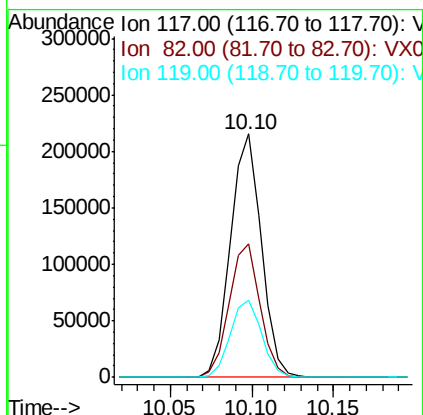
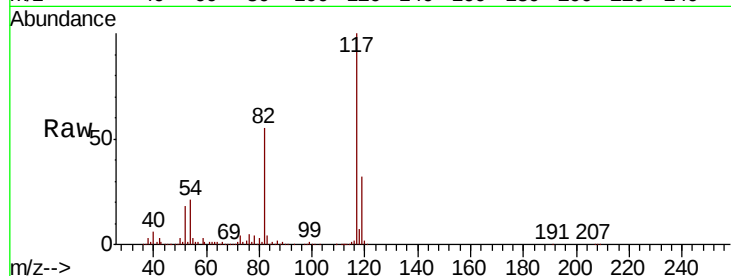




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

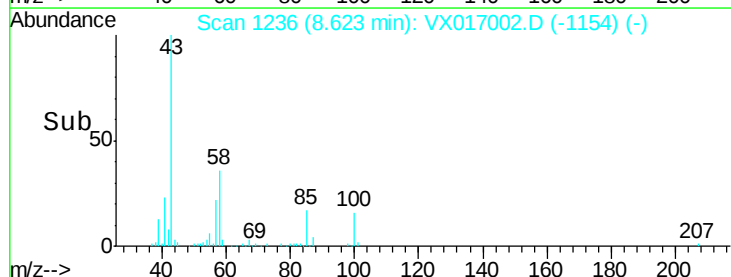
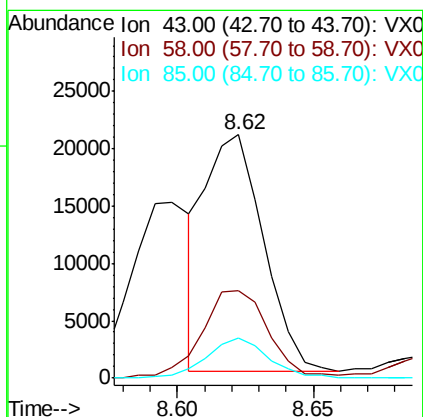
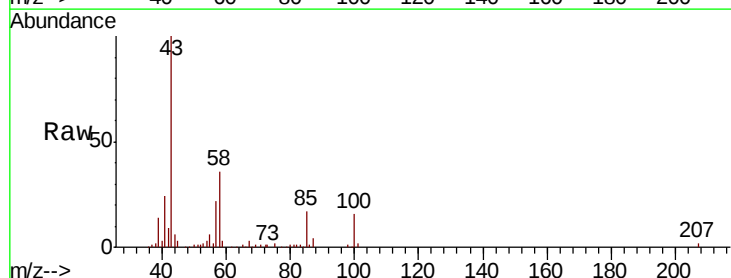
Instrument :
MSVOA_X
ClientSampled :

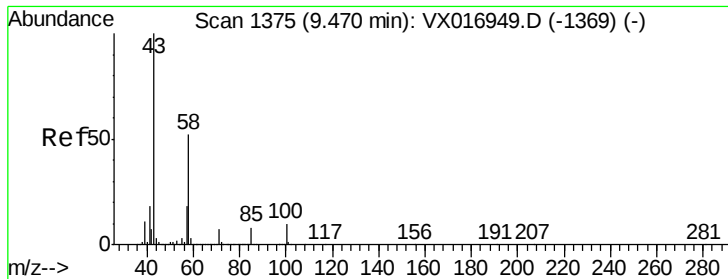
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.9	67.3
119	32.3	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 5.891 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.2	30.4	45.6
85	18.1	13.5	20.3

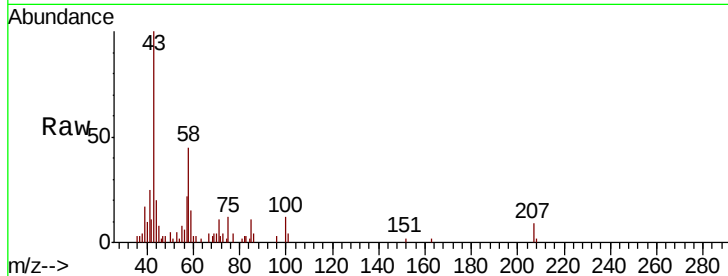




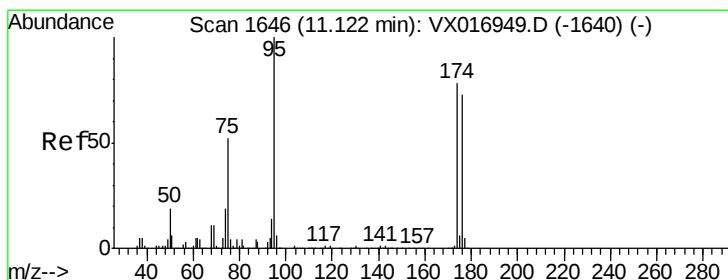
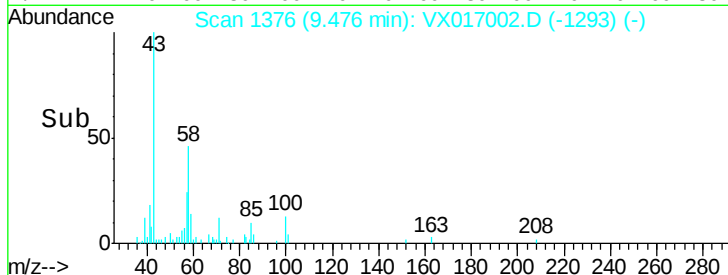
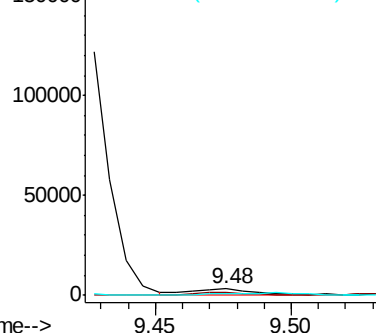
#59
2-Hexanone
Concen: 1.101 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4283
Ion Ratio Lower Upper
43 100
58 47.5 42.3 63.5
57 61.5 14.1 21.1#

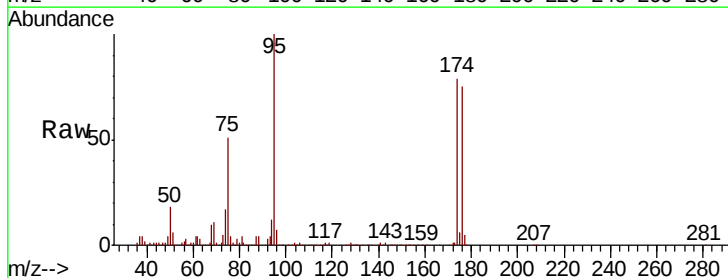


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

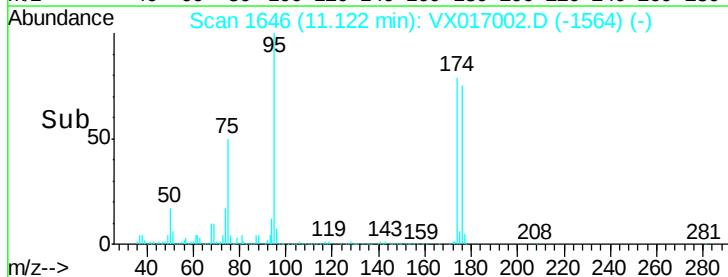
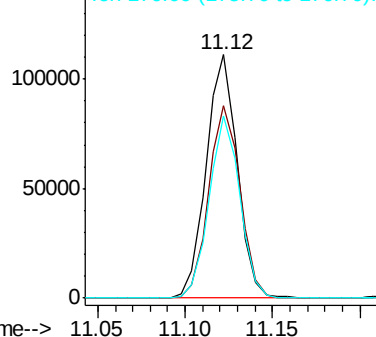


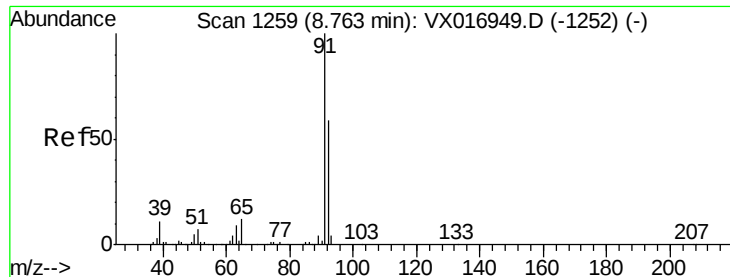
#60
4-Bromofluorobenzene
Concen: 29.043 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Tgt Ion: 95 Resp: 137008
Ion Ratio Lower Upper
95 100
174 80.0 62.2 93.4
176 74.0 58.9 88.3



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#62

Toluene

Concen: 5.668 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

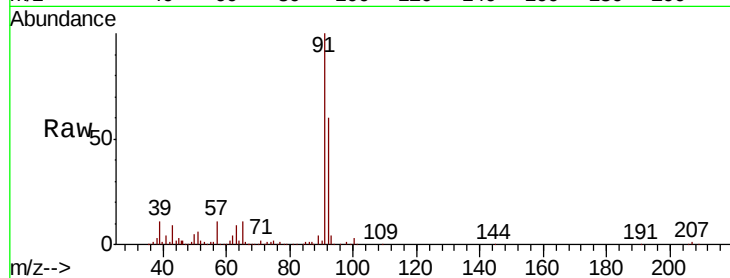
ClientSampleId :

Tot Ion: 91 Resp: 87688

Ion Ratio Lower Upper

91 100

92 57.8 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

60000

50000

40000

30000

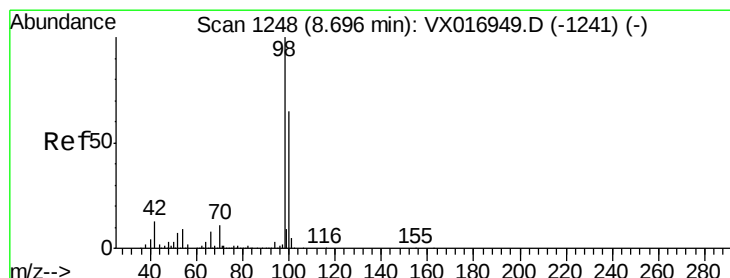
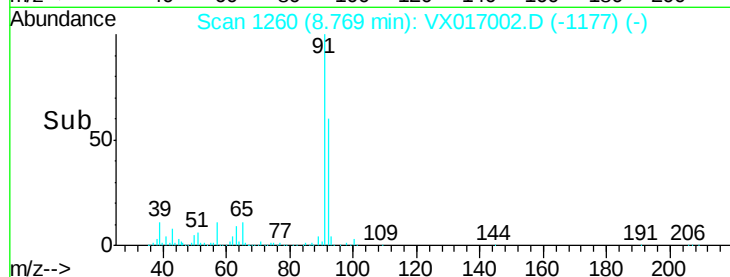
20000

10000

0

8.70 8.75 8.80 8.85 8.90

Time-->



#63

Toluene-d8

Concen: 28.640 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017002.D

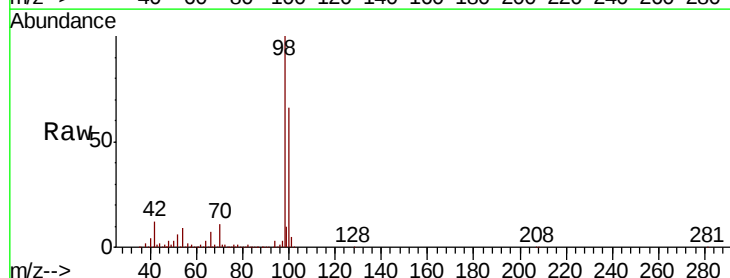
Acq: 27 Jun 2020 00:26

Tgt Ion: 98 Resp: 357113

Ion Ratio Lower Upper

98 100

100 66.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

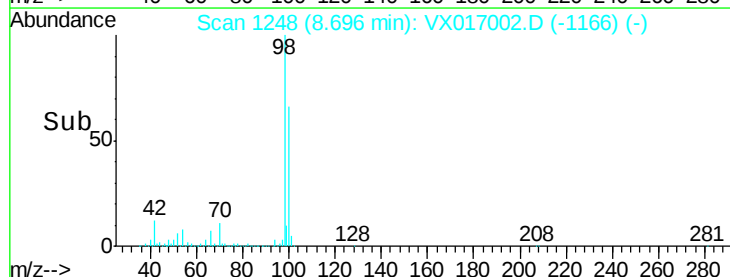
100000

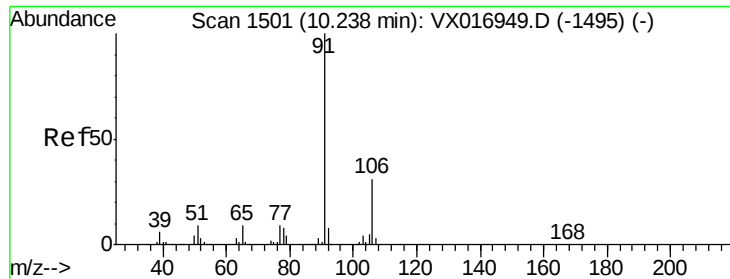
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#66

Ethyl Benzene

Concen: 0.997 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

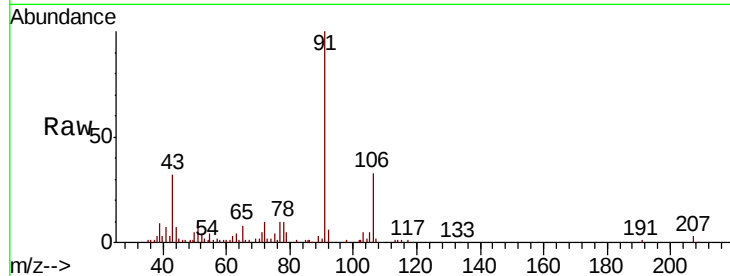
ClientSampleId :

Tot Ion: 91 Resp: 17104

Ion Ratio Lower Upper

91 100

106 33.2 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1495) (-)

Ion 106.00 (105.70 to 106.70): VX016949.D (-1495) (-)

10.24

15000

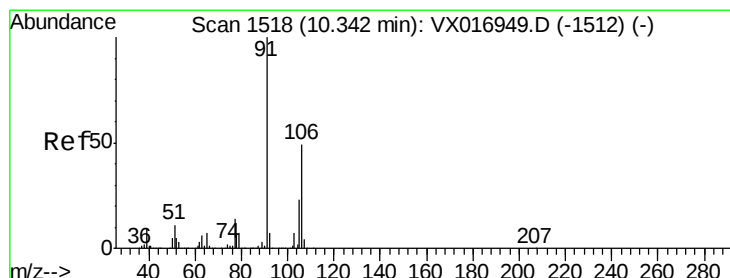
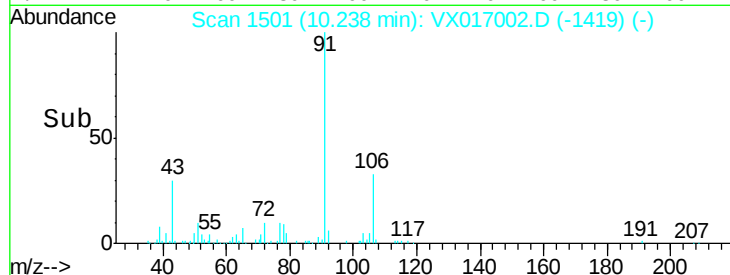
10000

5000

0

Time-->

10.20 10.25 10.30



#67

m/p-Xylenes

Concen: 8.126 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017002.D

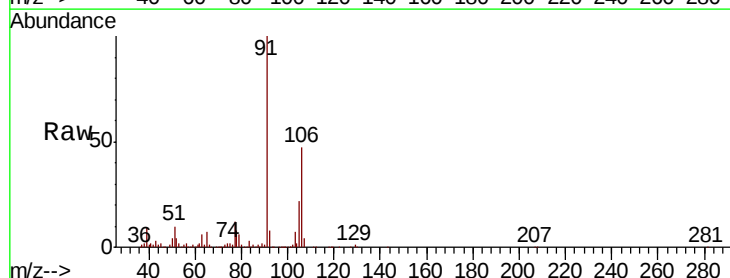
Acq: 27 Jun 2020 00:26

Tgt Ion: 106 Resp: 52593

Ion Ratio Lower Upper

106 100

91 209.7 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VX016949.D (-1512) (-)

Ion 91.00 (90.70 to 91.70): VX016949.D (-1512) (-)

10.34

100000

80000

60000

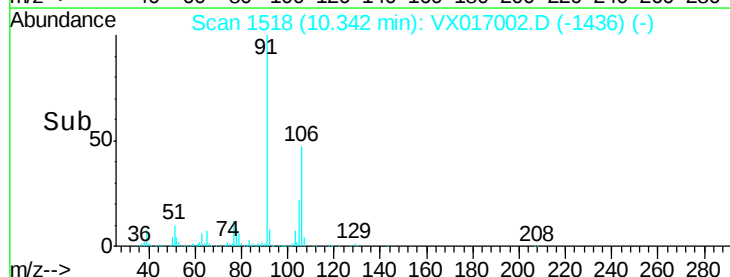
40000

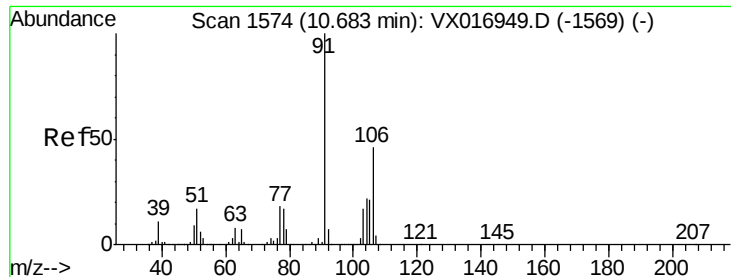
20000

0

Time-->

10.30 10.35 10.40

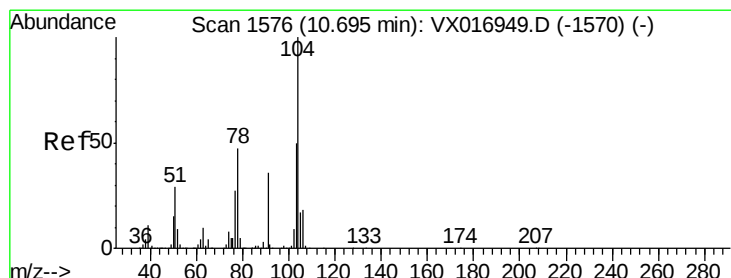
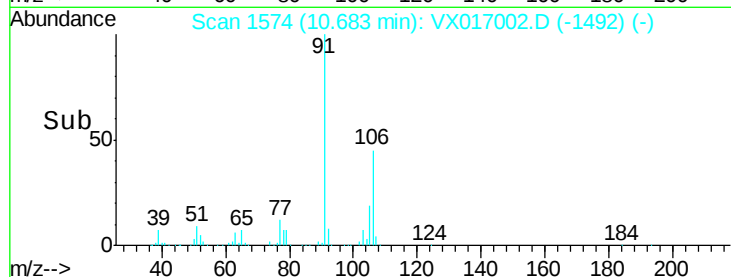
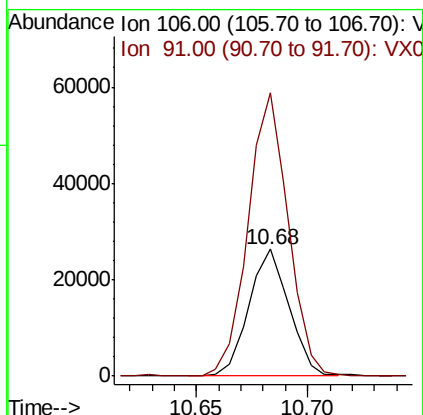
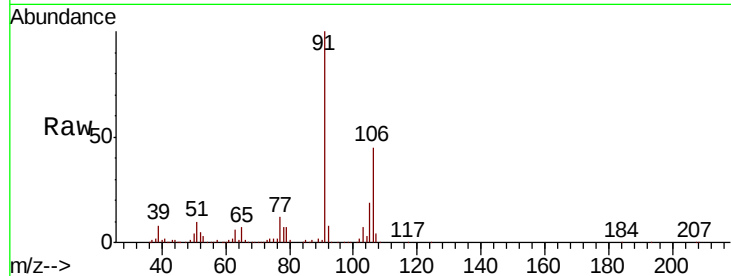




#68
o-Xylene
Concen: 5.345 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

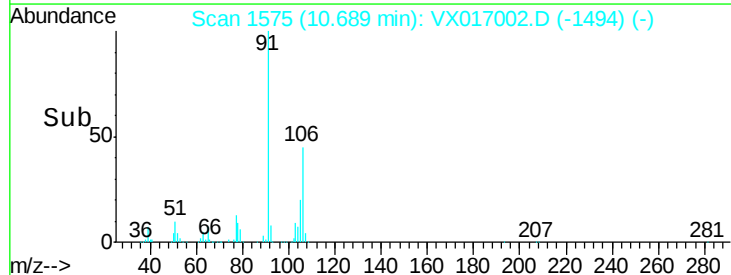
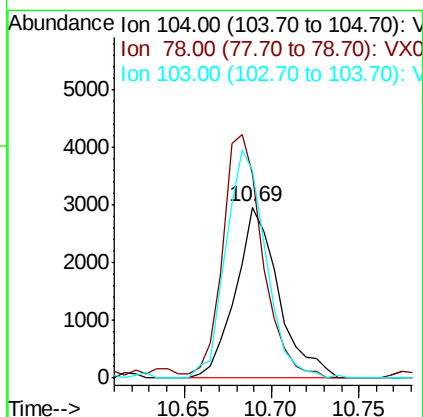
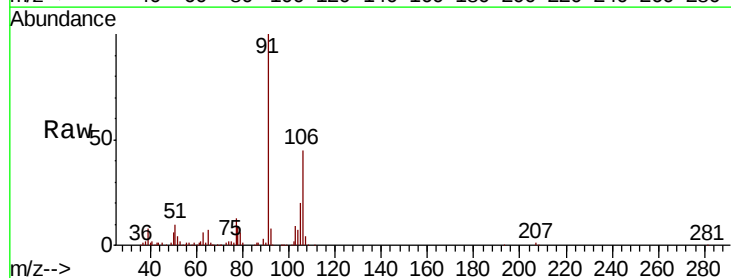
Instrument :
MSVOA_X
ClientSampleId :

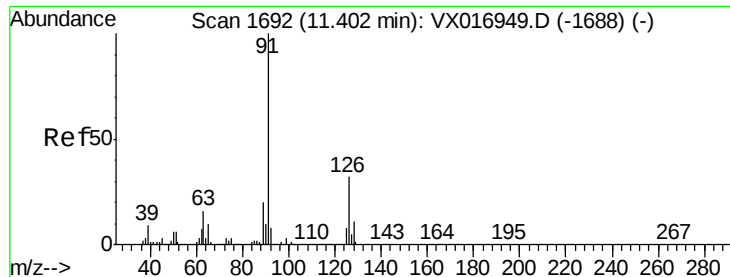
Tot Ion:106 Resp: 33232
Ion Ratio Lower Upper
106 100
91 221.6 107.3 321.9



#69
Styrene
Concen: 0.476 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX017002.D
Acq: 27 Jun 2020 00:26

Tgt Ion:104 Resp: 5066
Ion Ratio Lower Upper
104 100
78 132.6 42.6 64.0#
103 124.1 44.1 66.1#

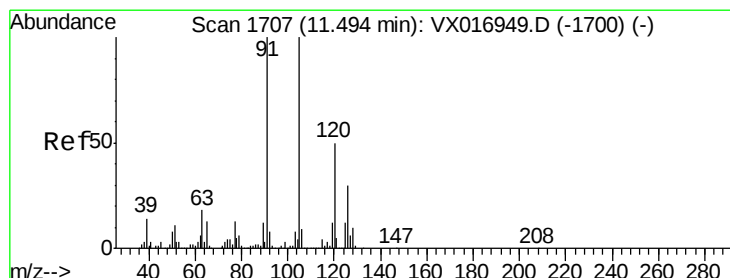
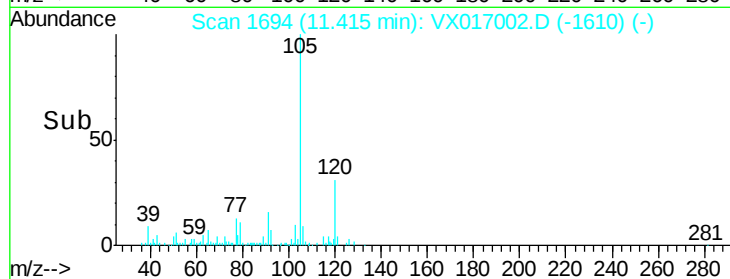
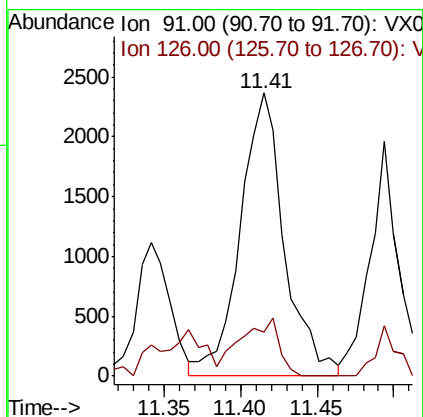
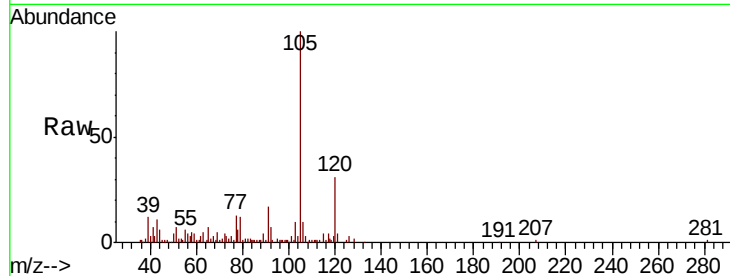




#75
 2-Chlorotoluene
 Concen: 0.407 ug/l
 RT: 11.41 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

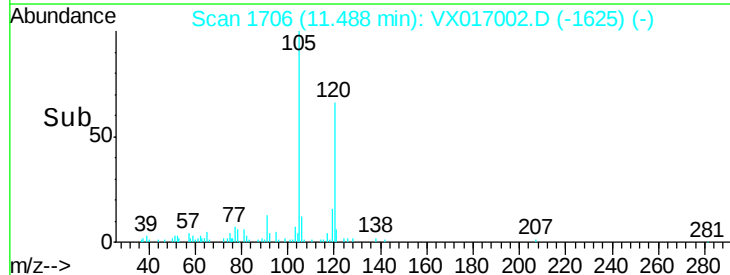
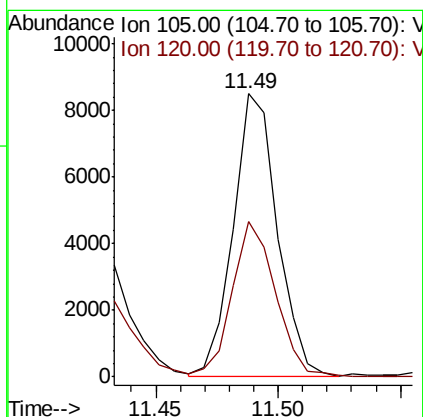
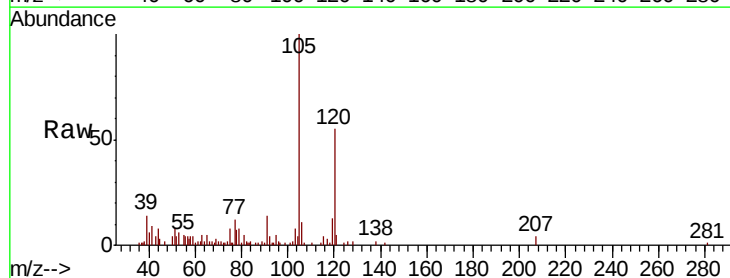
Instrument :
 MSVOA_X
 ClientSampled :

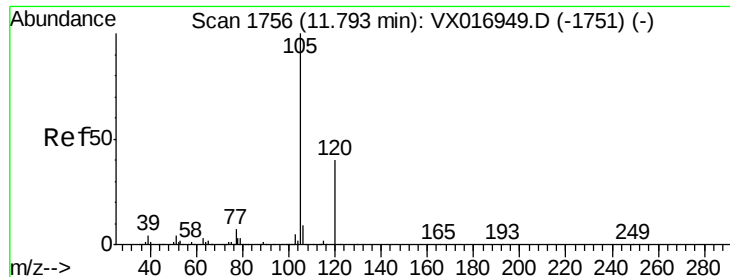
Tot Ion: 91 Resp: 4747
 Ion Ratio Lower Upper
 91 100
 126 17.8 0.0 68.0



#76
 1,3,5-Trimethylbenzene
 Concen: 0.755 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion: 105 Resp: 10680
 Ion Ratio Lower Upper
 105 100
 120 54.0 0.0 99.4





#80

1,2,4-Trimethylbenzene

Concen: 2.067 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017002.D

Acq: 27 Jun 2020 00:26

Instrument :

MSVOA_X

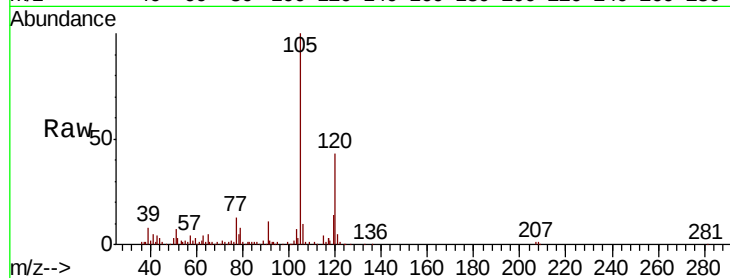
ClientSampled :

Tot Ion:105 Resp: 29370

Ion Ratio Lower Upper

105 100

120 45.2 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

25000

20000

15000

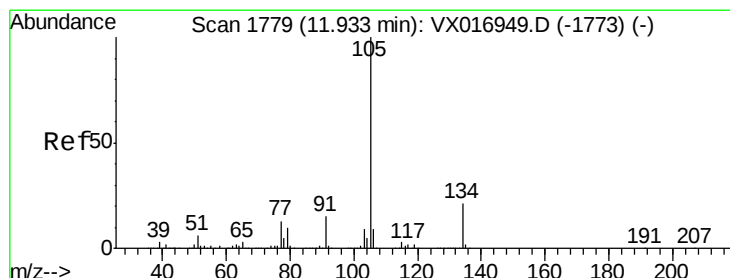
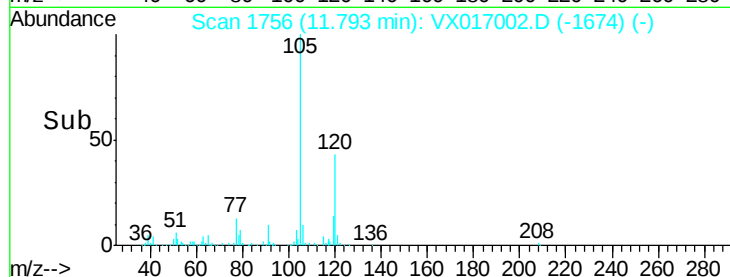
10000

5000

0

Time-->

11.75 11.80 11.85



#81

sec-Butylbenzene

Concen: 1.334 ug/l

RT: 12.13 min Scan# 1811

Delta R.T. 0.20 min

Lab File: VX017002.D

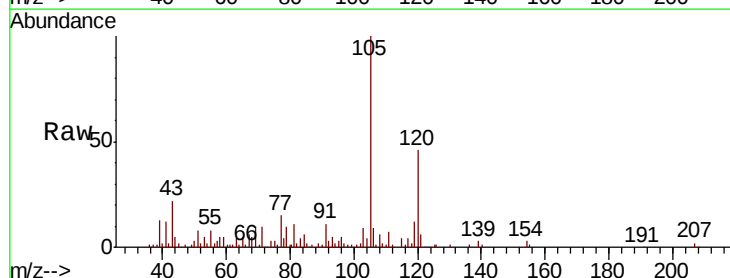
Acq: 27 Jun 2020 00:26

Tgt Ion:105 Resp: 21907

Ion Ratio Lower Upper

105 100

134 0.4 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

15000

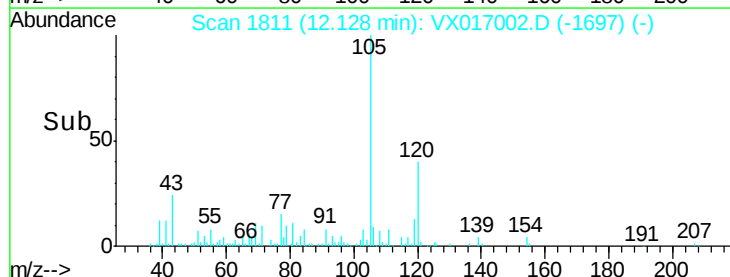
10000

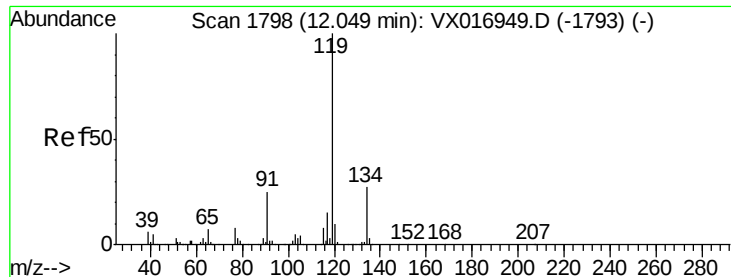
5000

0

Time-->

12.10 12.15

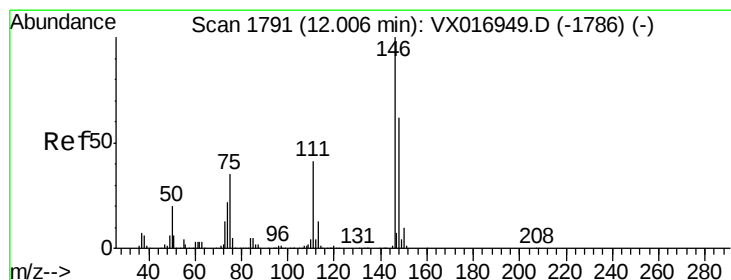
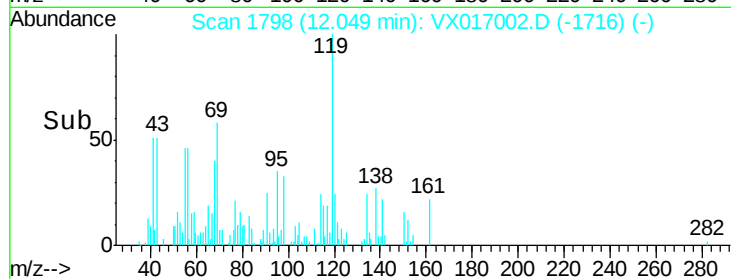
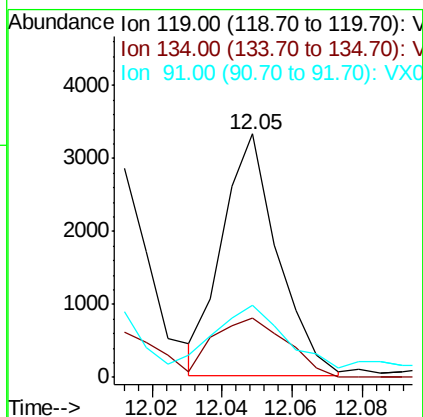
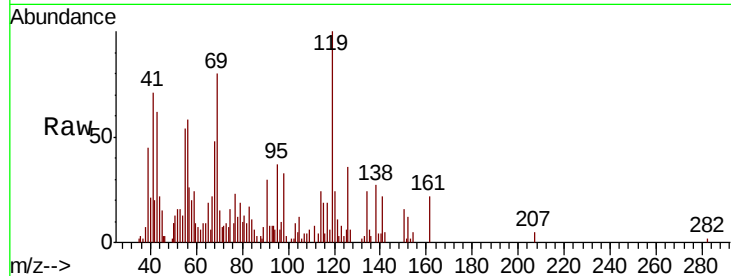




#82
 p-Isopropyltoluene
 Concen: 0.246 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

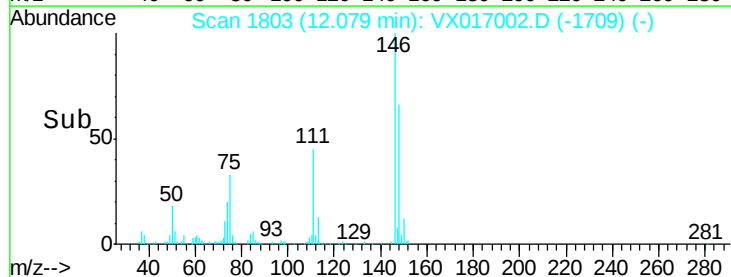
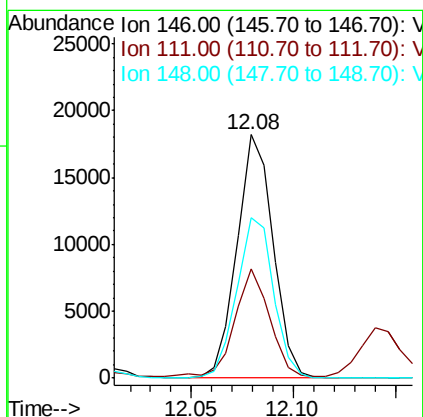
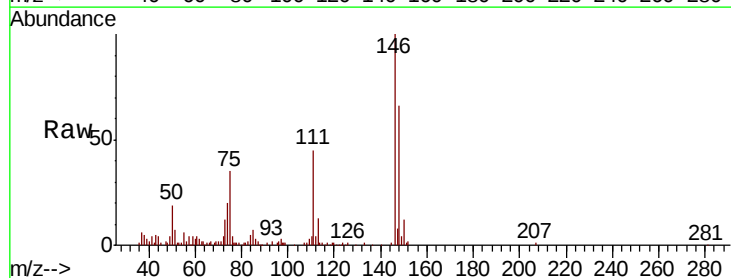
Instrument :
 MSVOA_X
 ClientSampled :

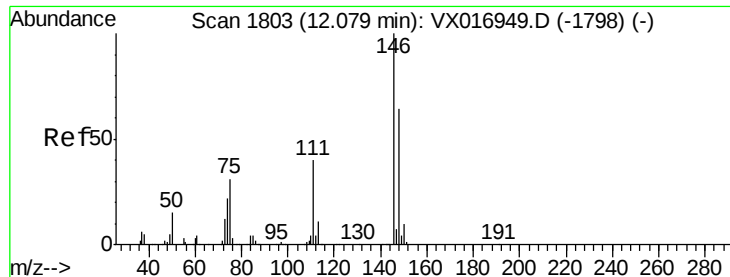
Tot Ion:119 Resp: 3643
 Ion Ratio Lower Upper
 119 100
 134 32.1 0.0 53.0
 91 32.5 0.0 49.0



#83
 1,3-Dichlorobenzene
 Concen: 2.946 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.07 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion:146 Resp: 22465
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.5 58.5
 148 66.7 31.8 95.4

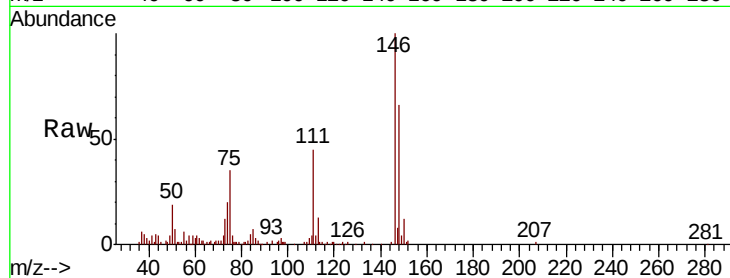




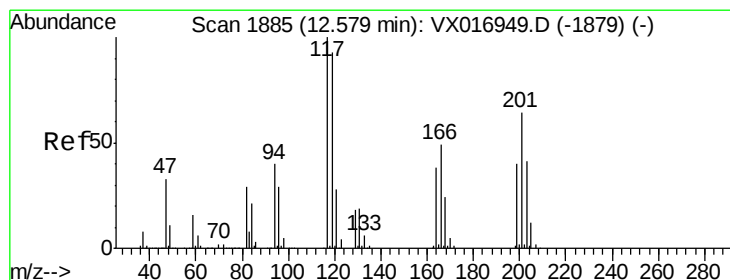
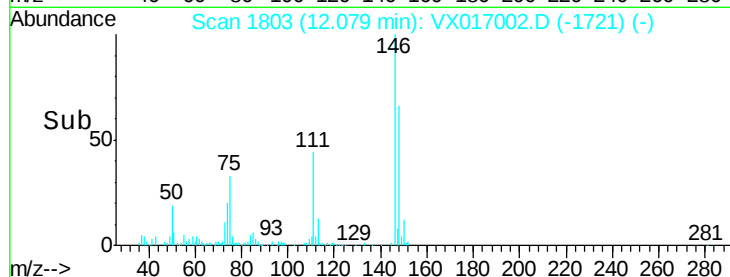
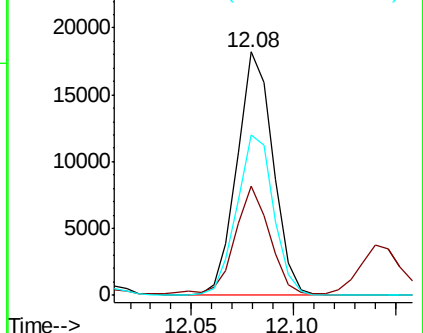
#84
 1,4-Dichlorobenzene
 Concen: 2.932 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 22465
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.4 58.2
 148 66.7 32.1 96.3

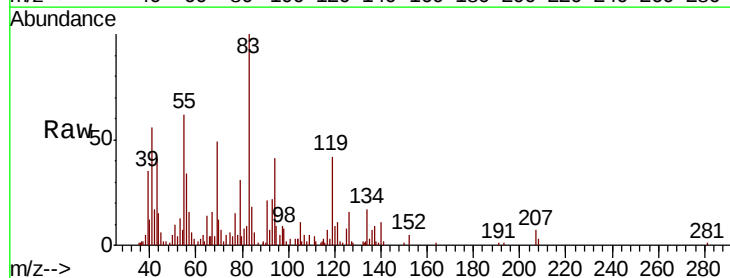


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

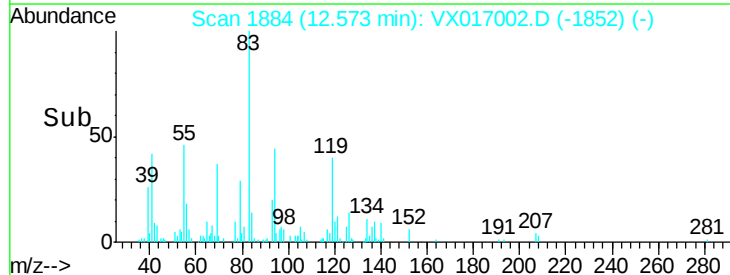
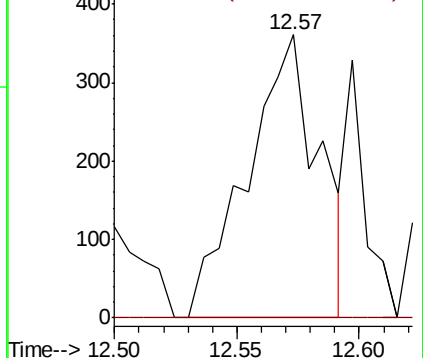


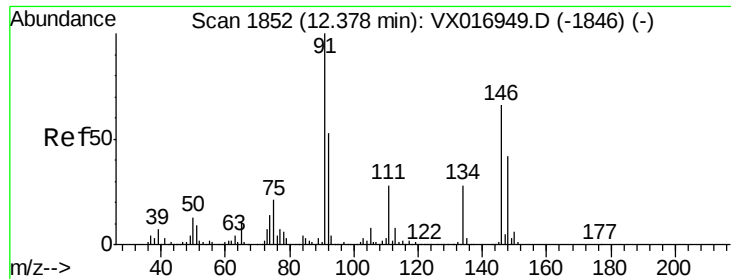
#86
 Hexachloroethane
 Concen: 0.253 ug/l
 RT: 12.57 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion:117 Resp: 734
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.6 103.9#



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 201.00 (200.70 to 201.70): V

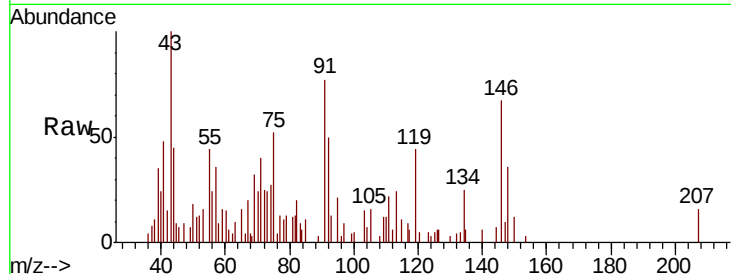




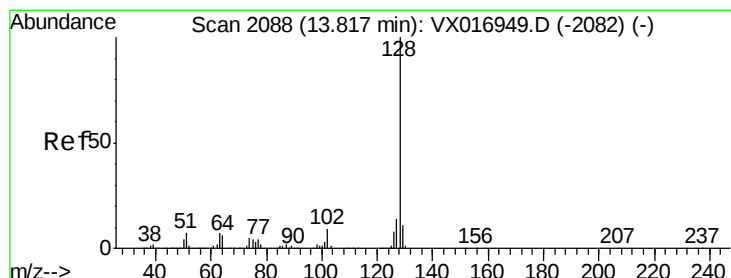
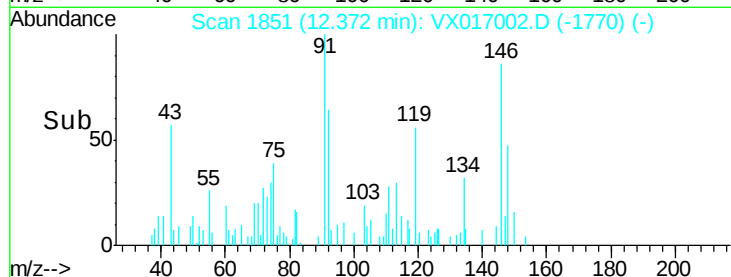
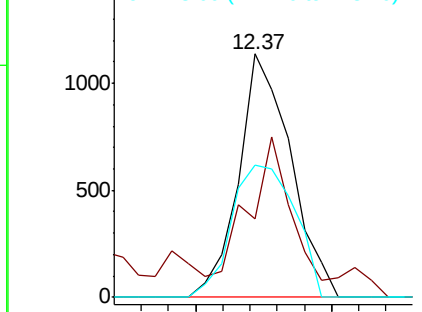
#87
 1,2-Dichlorobenzene
 Concen: 0.211 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 1509
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.1 63.1
 148 66.1 32.1 96.3

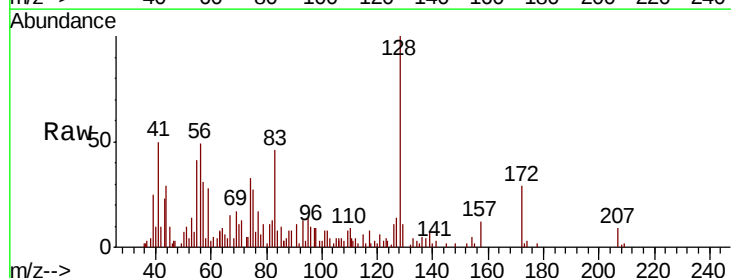


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#91
 Naphthalene
 Concen: 0.315 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017002.D
 Acq: 27 Jun 2020 00:26

Tgt Ion:128 Resp: 4978
 Ion Ratio Lower Upper
 128 100
 127 15.1 10.5 15.7
 129 12.6 9.0 13.4



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

