

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016345.D
 Acq On : 19 May 2020 19:12
 Operator : JC/SP
 Sample : L2673-02 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30559

Quant Time: May 20 03:50:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151918	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	5.47	113	127777	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.70	98	527986	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.12	95	208193	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
5) Bromomethane	1.63	94	355	0.207	ug/l	100
8) Diethyl Ether	2.17	74	1868	0.993	ug/l	87
11) Tert butyl alcohol	3.00	59	3340	3.872	ug/l #	91
13) Acrolein	2.25	56	923	1.710	ug/l #	1
14) Allyl chloride	2.87	41	1082	0.219	ug/l #	27
16) Acetone	2.42	43	1607169	1055.881	ug/l	94
17) Carbon Disulfide	2.56	76	762	Below Cal	#	56
18) Methyl Acetate	2.87	43	7330	1.959	ug/l #	50
25) 2-Butanone	4.65	43	2602	1.061	ug/l #	82
26) 2,2-Dichloropropane	4.65	77	1640	0.344	ug/l #	53
29) Tetrahydrofuran	5.09	42	432	0.266	ug/l	91
31) Cyclohexane	5.55	56	6438	1.359	ug/l #	92
36) 1,1-Dichloropropene	5.63	75	18832	4.389	ug/l #	49
38) Carbon Tetrachloride	5.64	117	25014	5.736	ug/l #	14
39) Methylcyclohexane	7.43	83	2986	0.578	ug/l	94
40) Benzene	6.11	78	132774	10.577	ug/l	98
42) 1,2-Dichloroethane	6.12	62	1518	0.336	ug/l #	74
49) 1,4-Dioxane	7.72	88	416	4.614	ug/l	98
52) Toluene	8.77	92	745148	95.228	ug/l	99
53) t-1,3-Dichloropropene	8.76	75	8257	1.575	ug/l #	1
65) Chlorobenzene	10.12	112	1939	0.223	ug/l	95
67) Ethyl Benzene	10.24	91	81902	5.268	ug/l	98
68) m/p-Xylenes	10.34	106	104283	17.902	ug/l	100
69) o-Xylene	10.68	106	49890	8.910	ug/l	100
70) Styrene	10.68	104	2740	0.288	ug/l #	1
73) Isopropylbenzene	11.00	105	13532	0.903	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.30	83	20	2.056	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	100302	21.457	ug/l #	35
78) n-propylbenzene	11.34	91	13364	0.767	ug/l	99
79) 2-Chlorotoluene	11.42	91	7162	0.696	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	13792	1.090	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	100302	51.135	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	58846	4.601	ug/l	100
85) sec-Butylbenzene	11.79	105	58846	3.998	ug/l #	56

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QLast Update : Wed May 06 06:43:32 2020
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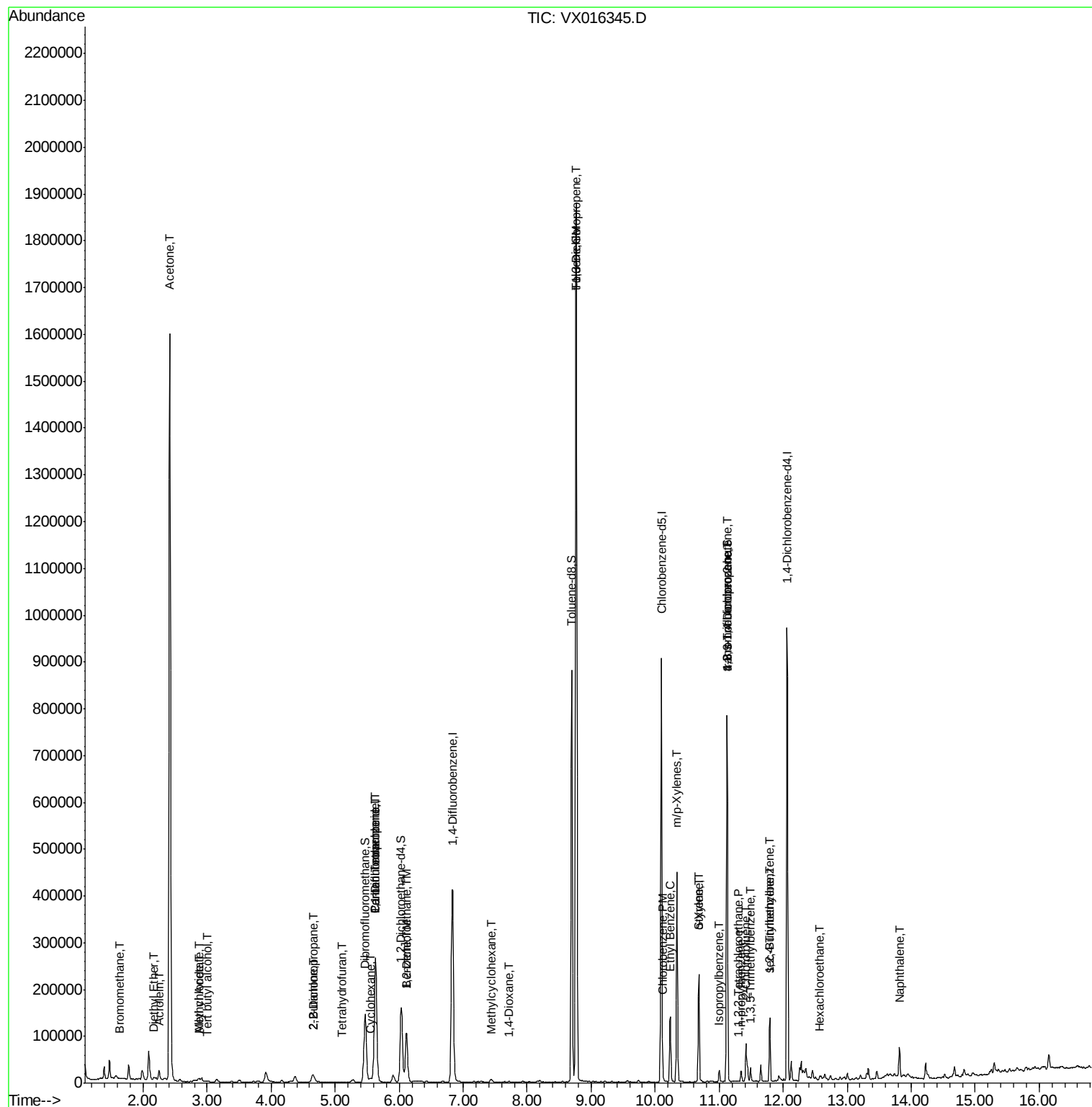
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.57	117	474	0.202	ug/l #	10
95) Naphthalene	13.82	128	38807	2.421	ug/l	99

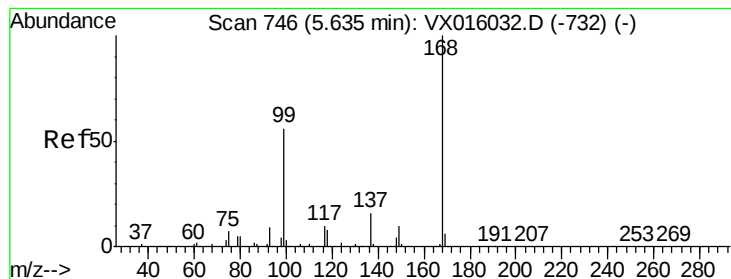
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

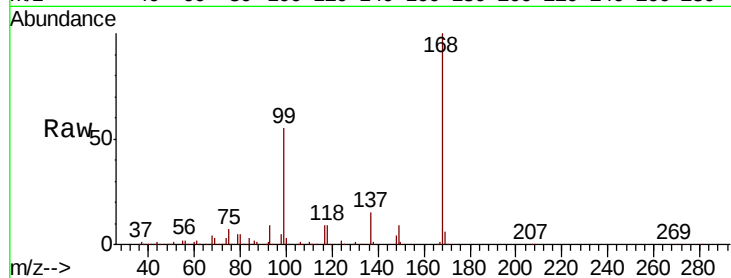
30559

Tot Ion:168 Resp: 259241

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

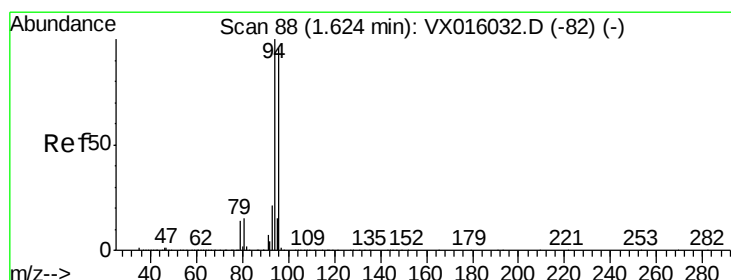
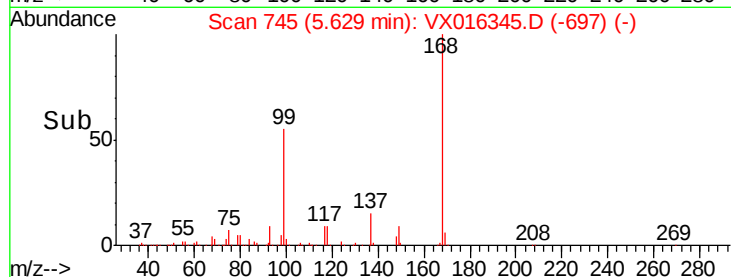
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.207 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016345.D

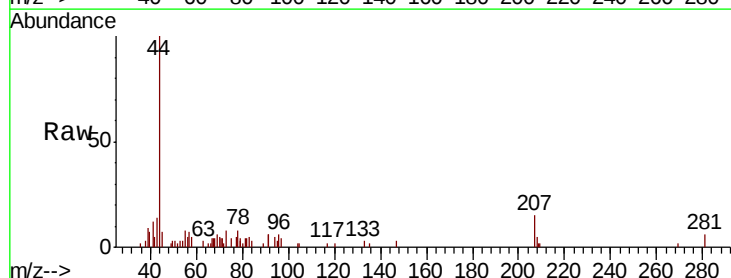
Acq: 19 May 2020 19:12

Tgt Ion: 94 Resp: 355

Ion Ratio Lower Upper

94 100

96 96.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

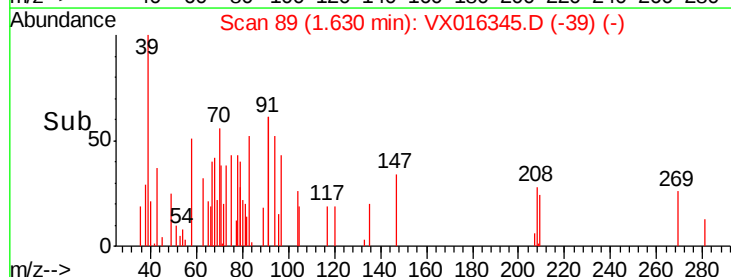
100

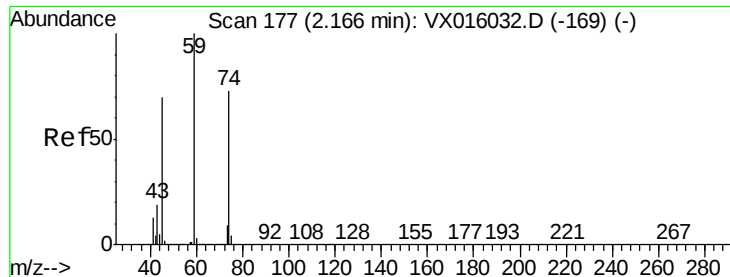
50

0

Time-->

1.60 1.65





#8

Diethyl Ether

Concen: 0.993 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

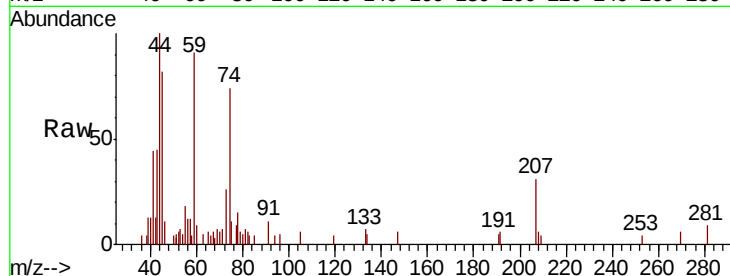
30559

Tot Ion: 74 Resp: 1868

Ion Ratio Lower Upper

74 100

45 107.2 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

20000

15000

10000

5000

0

Time--> 2.10 2.15 2.20

2.17

2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

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2.10 2.15 2.20

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2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

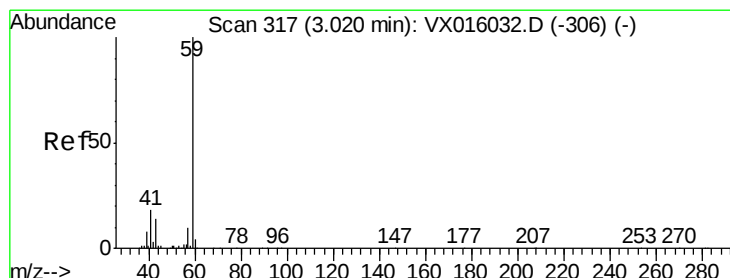
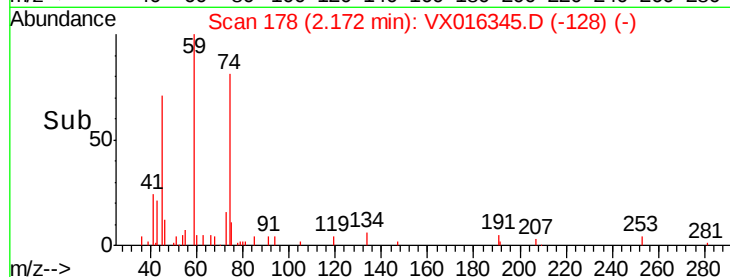
2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20

2.10 2.15 2.20



#11

Tert butyl alcohol

Concen: 3.872 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

Lab File: VX016345.D

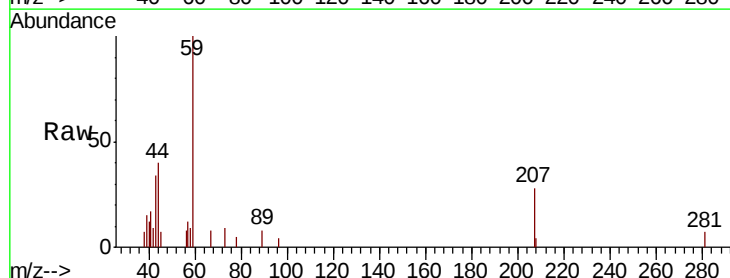
Acq: 19 May 2020 19:12

Tgt Ion: 59 Resp: 3340

Ion Ratio Lower Upper

59 100

57 13.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

1000

500

0

Time--> 2.90 2.95 3.00 3.05 3.10

3.00

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

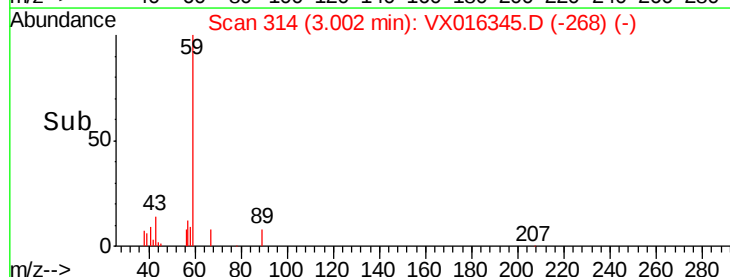
2.90 2.95 3.00 3.05 3.10

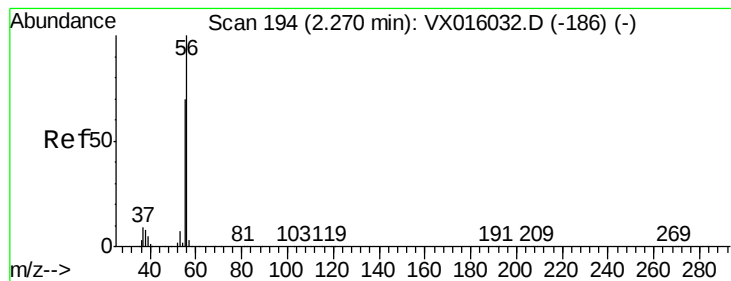
2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10

2.90 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 1.710 ug/l

RT: 2.25 min Scan# 190

Delta R.T. -0.02 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

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ClientSampleId :

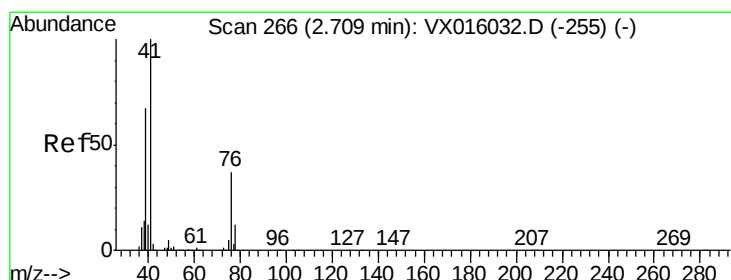
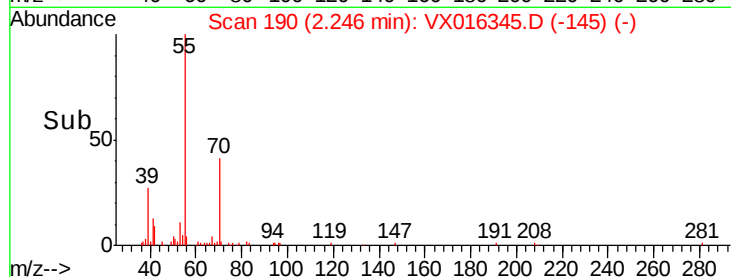
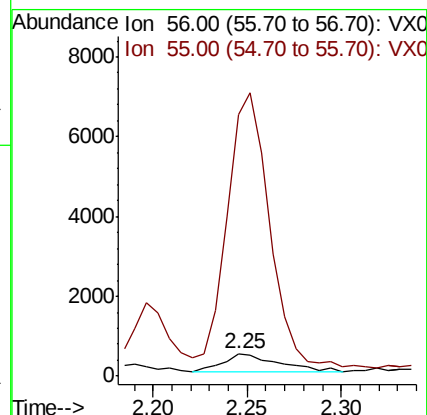
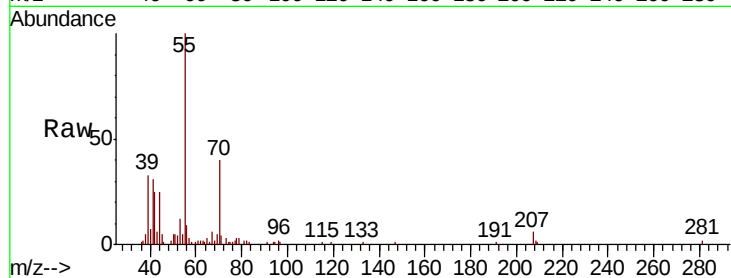
30559

Tot Ion: 56 Resp: 923

Ion Ratio Lower Upper

56 100

55 1173.0 56.5 84.7#



#14

Allyl chloride

Concen: 0.219 ug/l

RT: 2.87 min Scan# 292

Delta R.T. 0.16 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

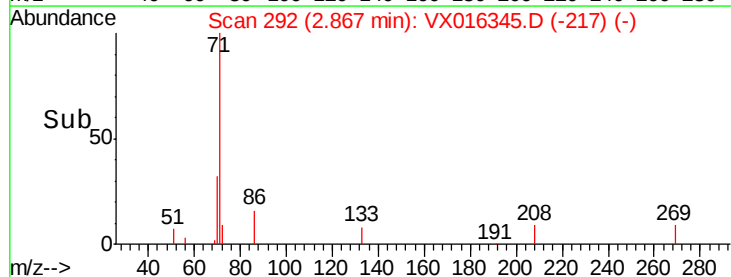
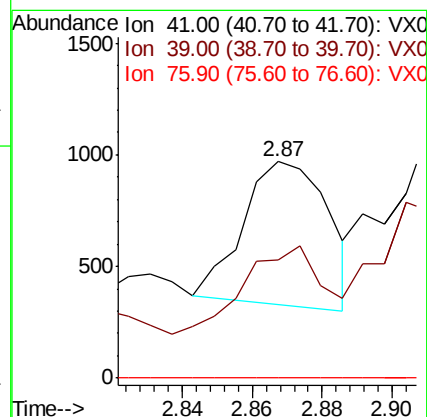
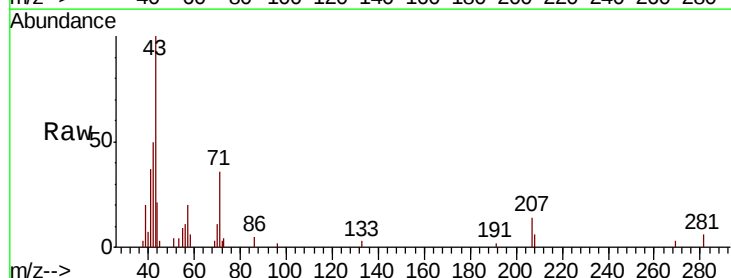
Tgt Ion: 41 Resp: 1082

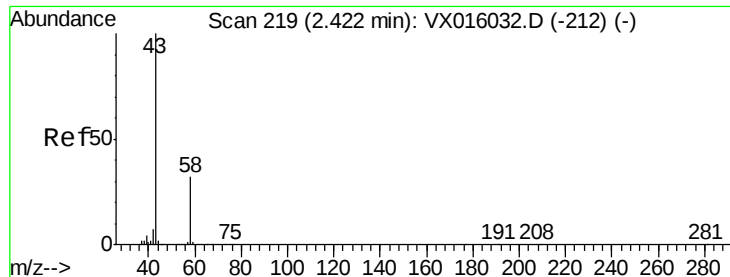
Ion Ratio Lower Upper

41 100

39 0.0 50.5 75.7#

76 0.0 26.6 40.0#

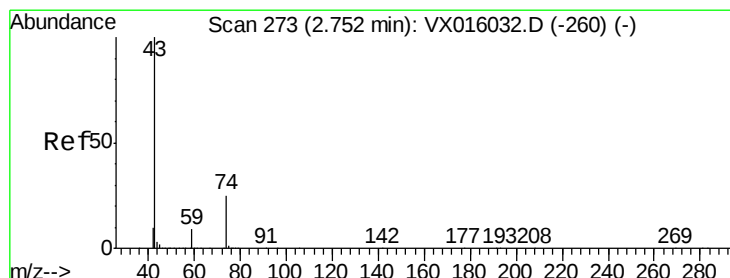
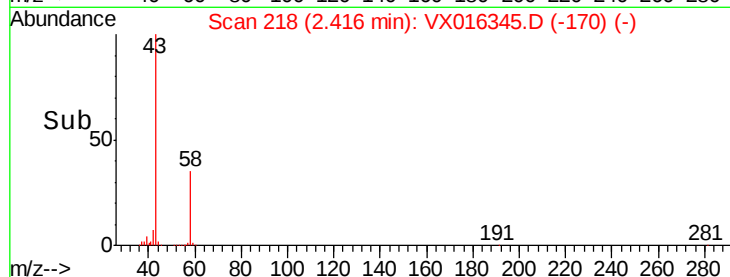
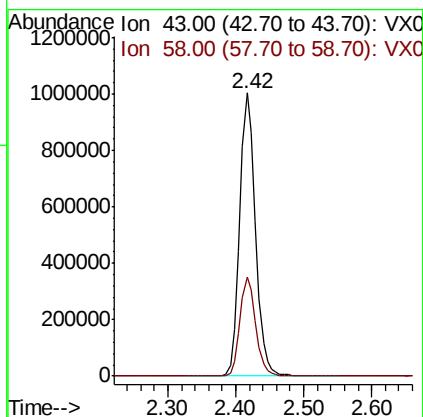
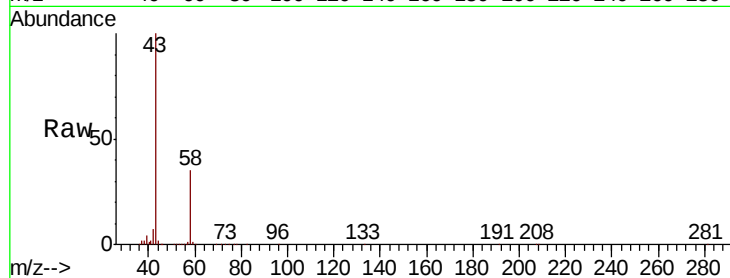




#16
Acetone
Concen: 1055.881 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016345.D
Acq: 19 May 2020 19:12

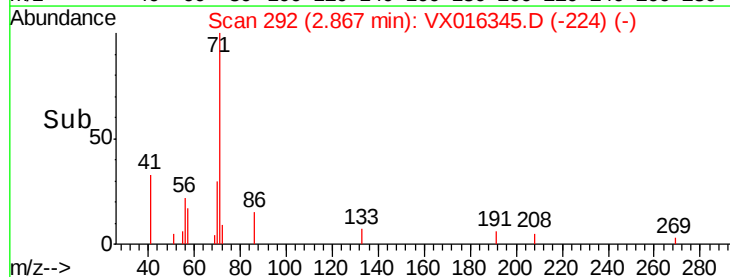
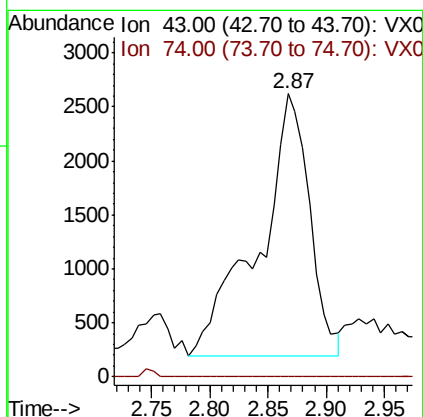
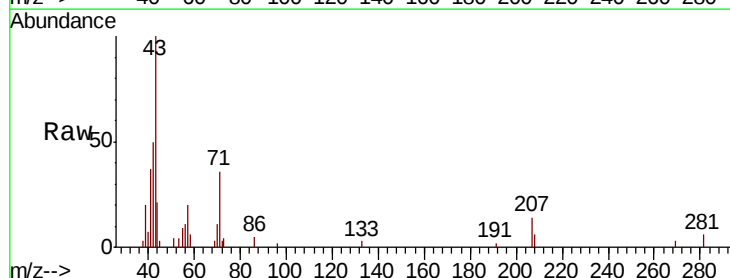
Instrument :
MSVOA_X
ClientSampled :
30559

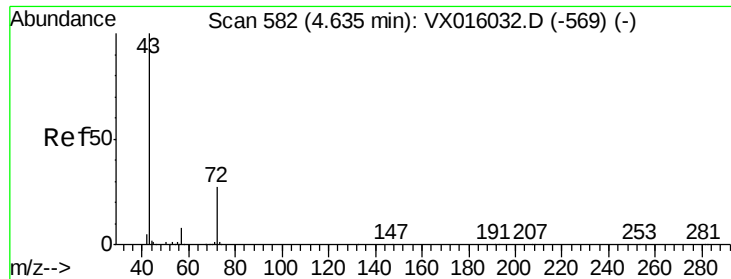
Tot Ion: 43 Resp: 1607169
Ion Ratio Lower Upper
43 100
58 35.2 25.4 38.0



#18
Methyl Acetate
Concen: 1.959 ug/l
RT: 2.87 min Scan# 292
Delta R.T. 0.12 min
Lab File: VX016345.D
Acq: 19 May 2020 19:12

Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#25

2-Butanone

Concen: 1.061 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

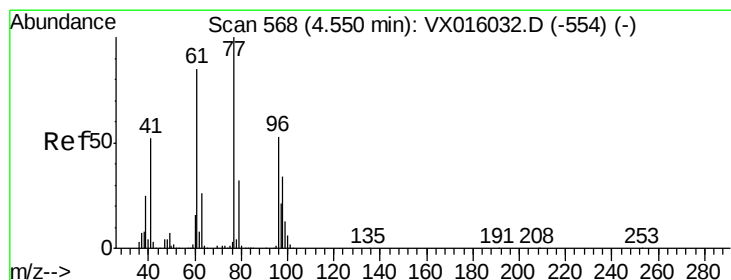
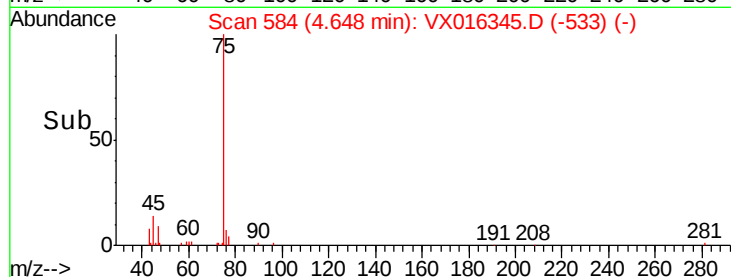
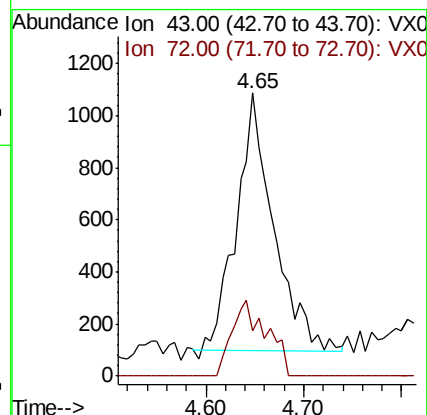
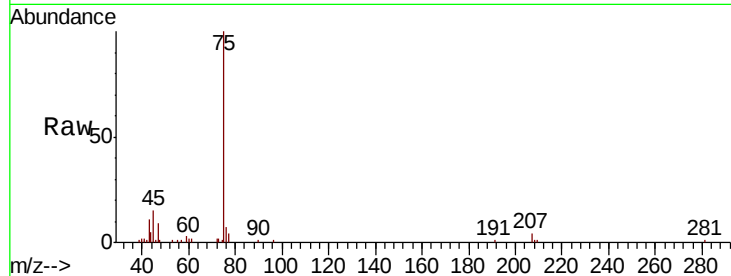
30559

Tot Ion: 43 Resp: 2602

Ion Ratio Lower Upper

43 100

72 17.7 21.8 32.8#



#26

2,2-Dichloropropane

Concen: 0.344 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.10 min

Lab File: VX016345.D

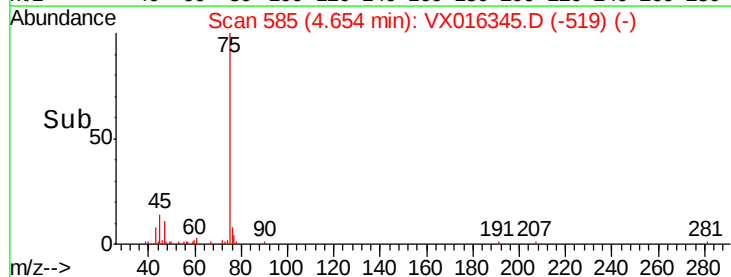
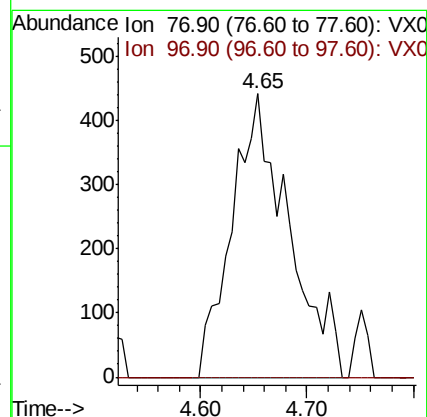
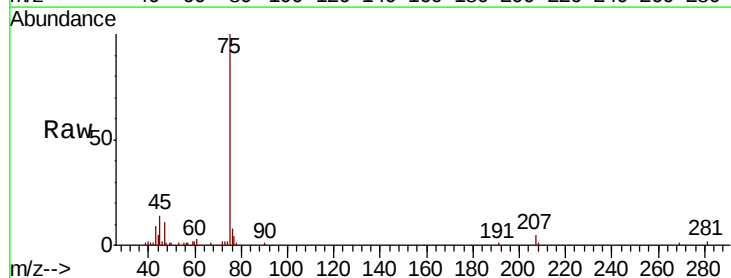
Acq: 19 May 2020 19:12

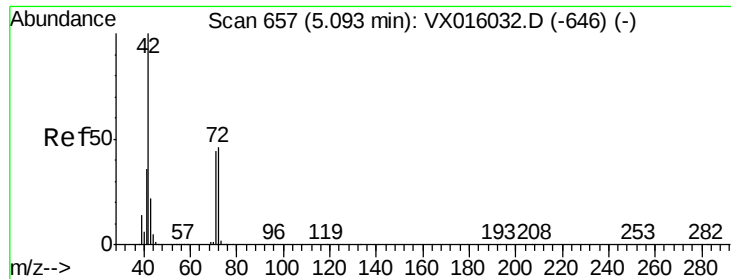
Tgt Ion: 77 Resp: 1640

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 0.266 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampled :

30559

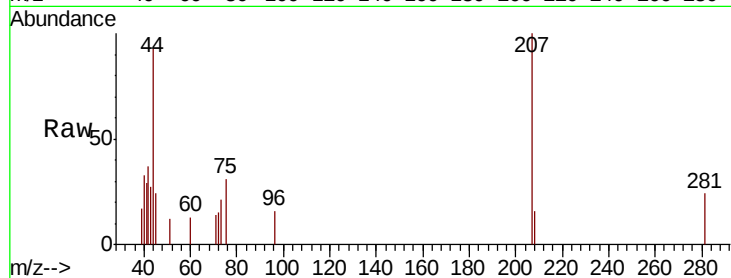
Tot Ion: 42 Resp: 432

Ion Ratio Lower Upper

42 100

72 39.4 37.1 55.7

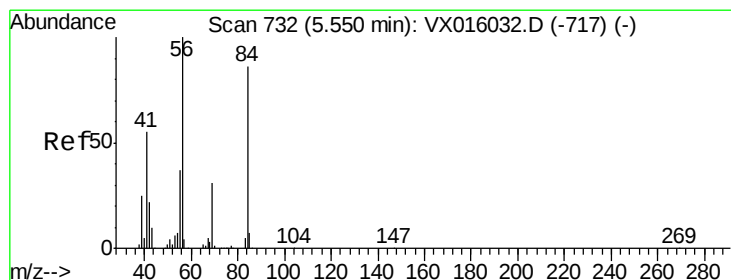
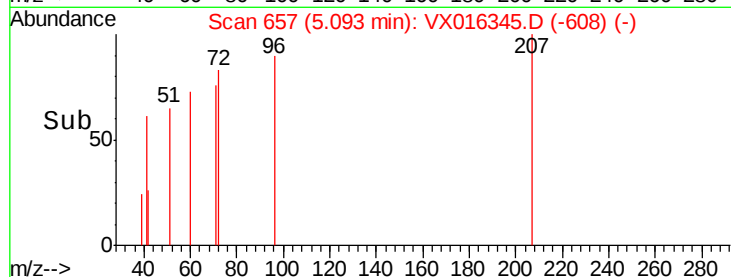
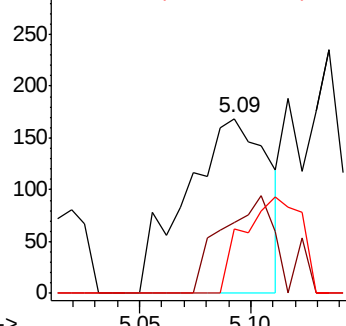
71 38.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.359 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

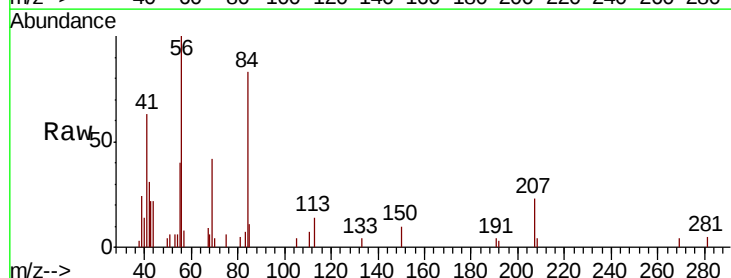
Tgt Ion: 56 Resp: 6438

Ion Ratio Lower Upper

56 100

69 42.3 25.0 37.6#

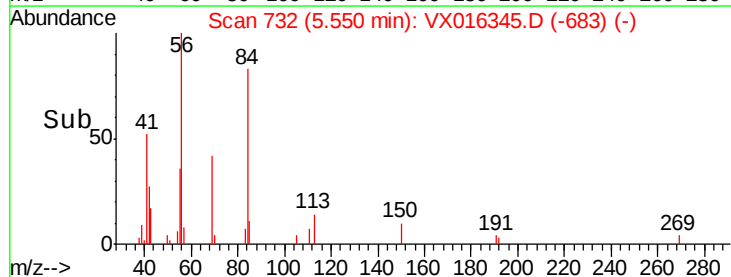
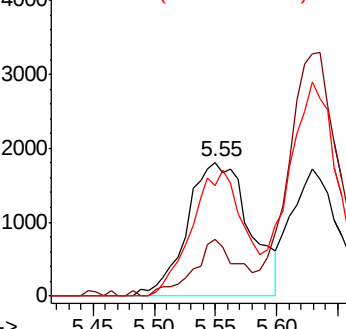
84 82.9 69.0 103.6

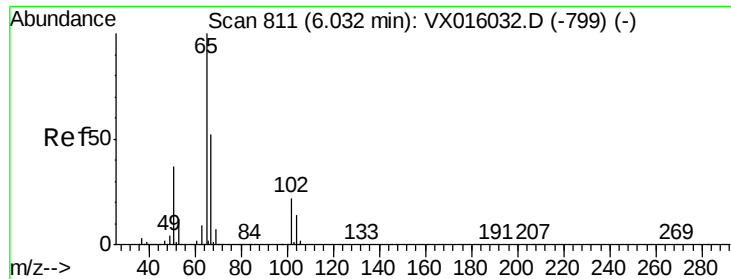


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.533 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

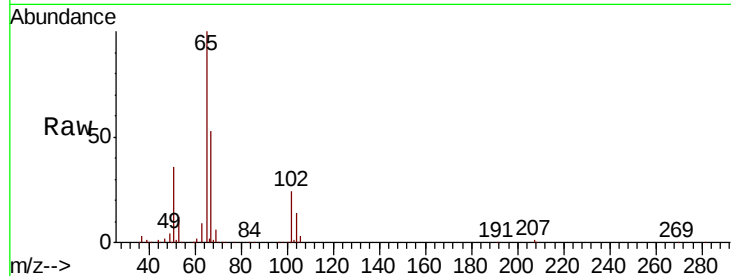
30559

Tot Ion: 65 Resp: 151918

Ion Ratio Lower Upper

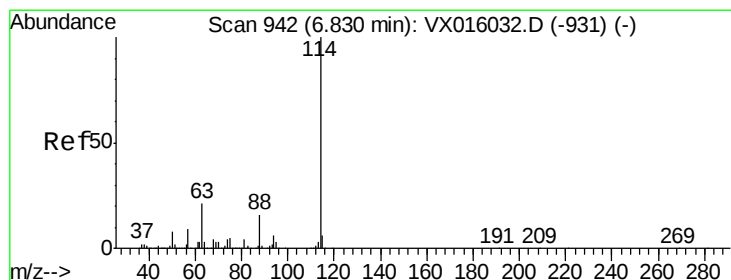
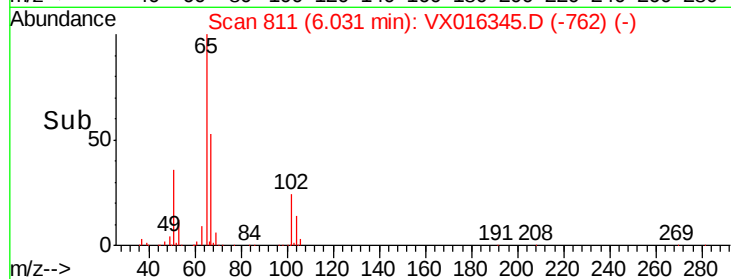
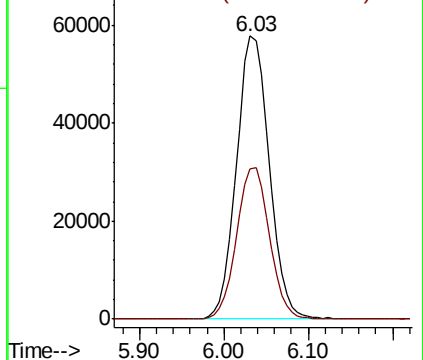
65 100

67 53.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

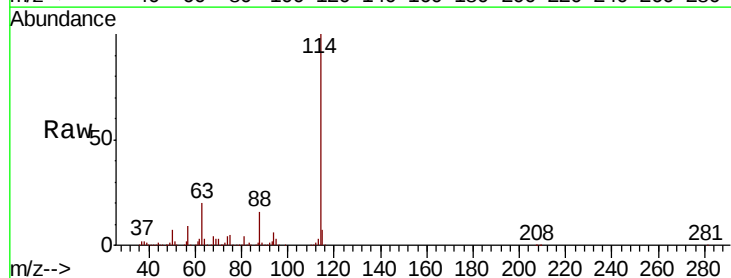
Tgt Ion: 114 Resp: 435863

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

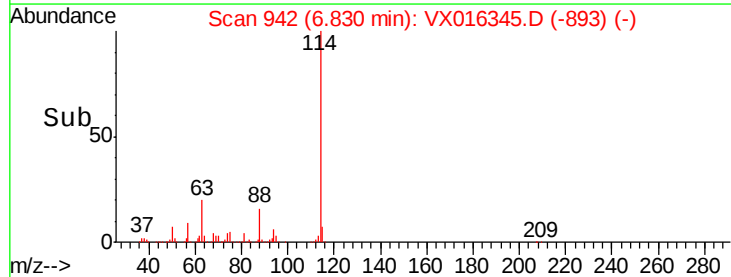
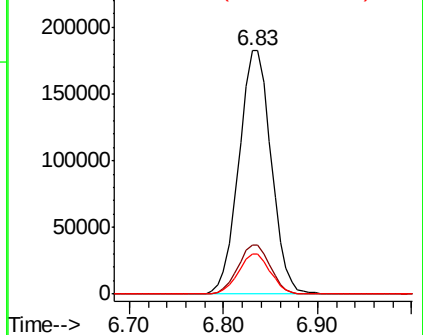
88 16.4 0.0 31.4

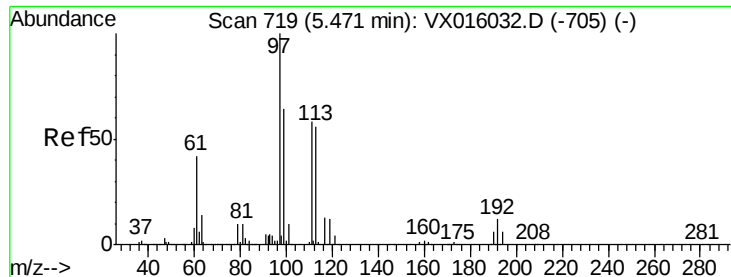


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

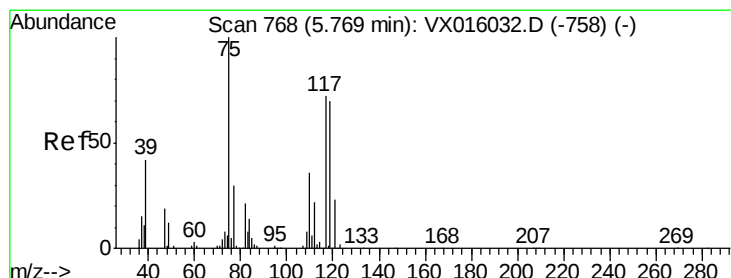
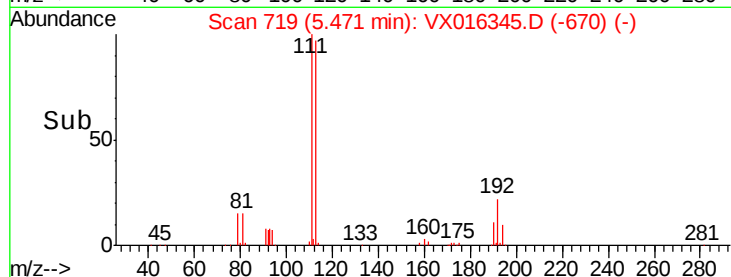
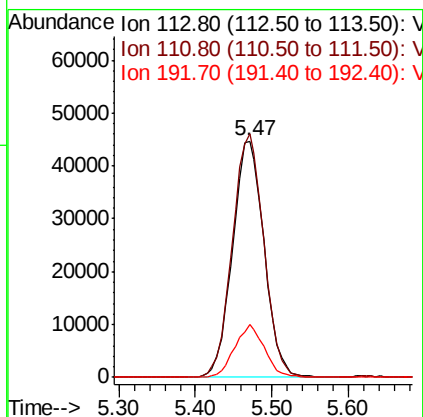
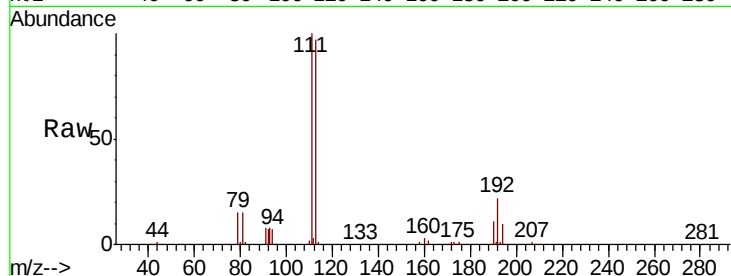




#35
 Dibromofluoromethane
 Concen: 46.273 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016345.D
 Acq: 19 May 2020 19:12

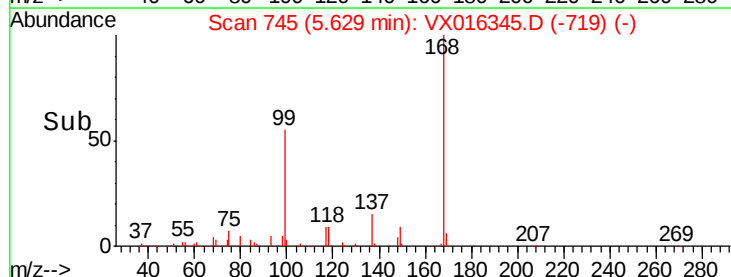
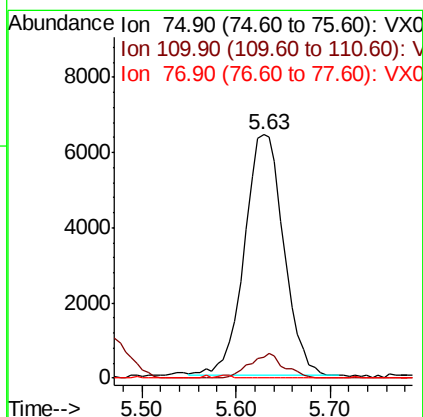
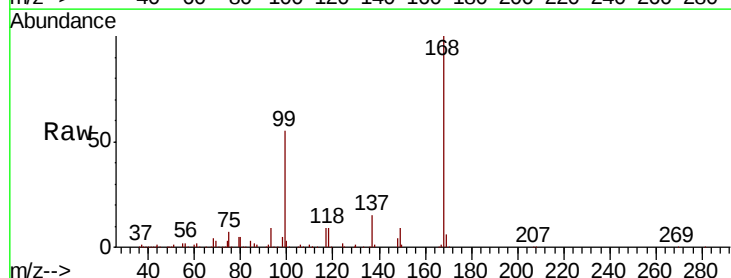
Instrument :
 MSVOA_X
 ClientSampleId :
 30559

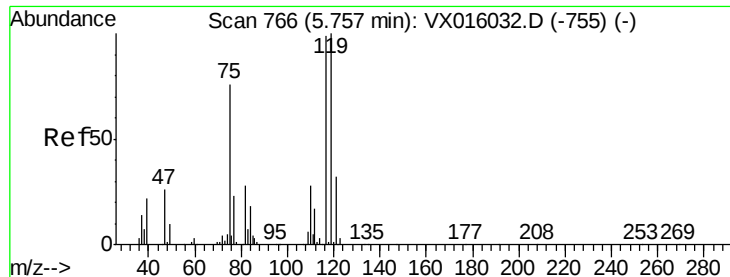
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	21.2	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.389 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016345.D
 Acq: 19 May 2020 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.736 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

30559

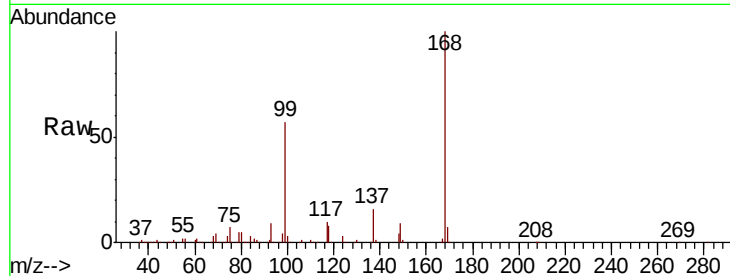
Tot Ion:117 Resp: 25014

Ion Ratio Lower Upper

117 100

119 4.9 80.3 120.5#

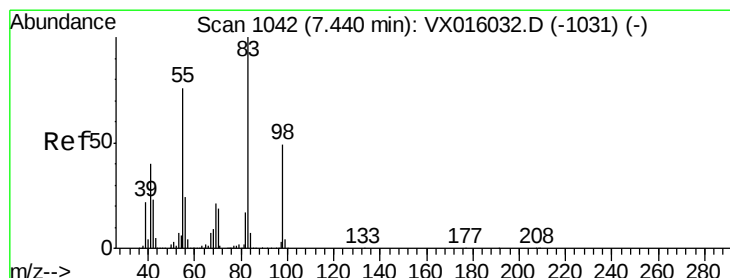
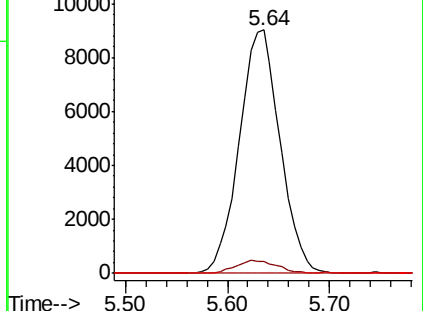
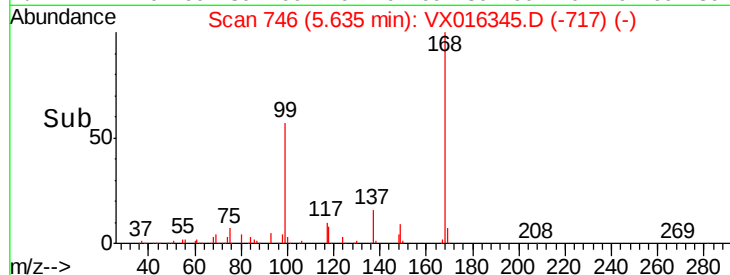
121 0.0 25.7 38.5#



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



#39

Methylcyclohexane

Concen: 0.578 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

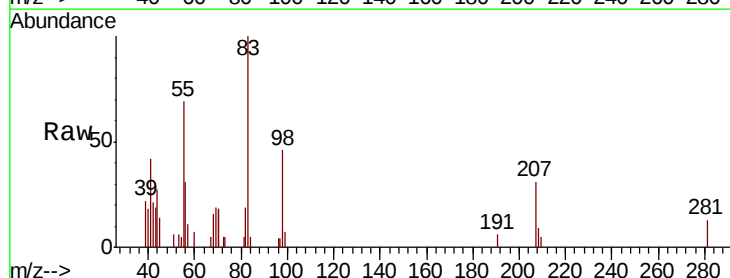
Tgt Ion: 83 Resp: 2986

Ion Ratio Lower Upper

83 100

55 69.3 61.1 91.7

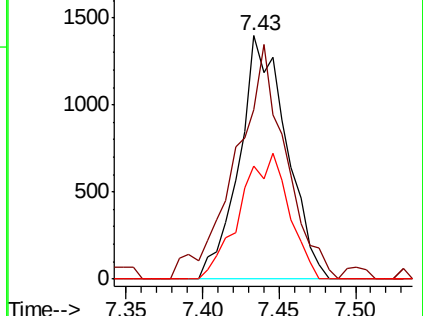
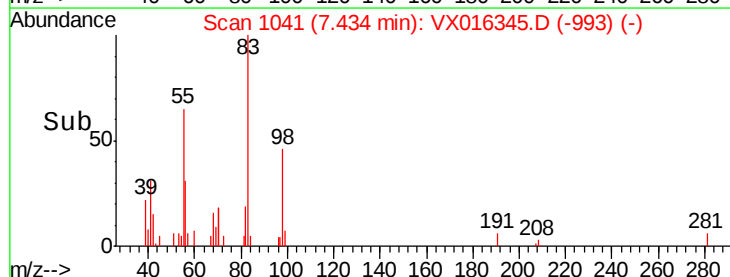
98 46.4 39.0 58.4

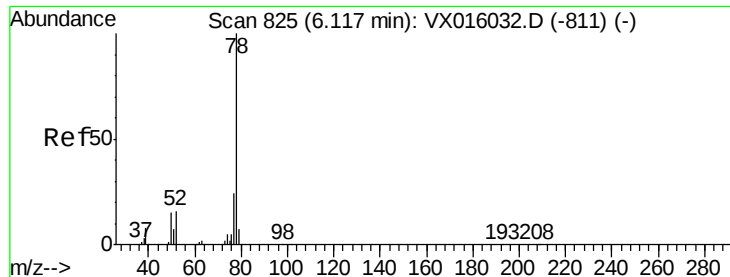


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 10.577 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampled :

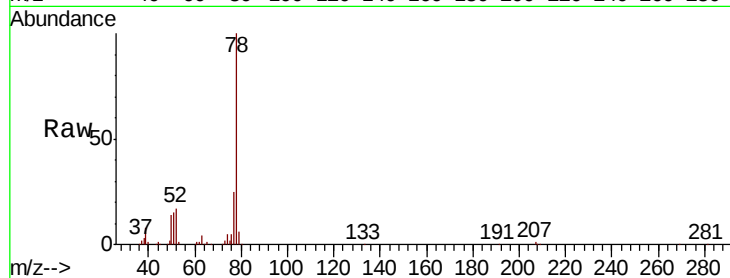
30559

Tot Ion: 78 Resp: 132774

Ion Ratio Lower Upper

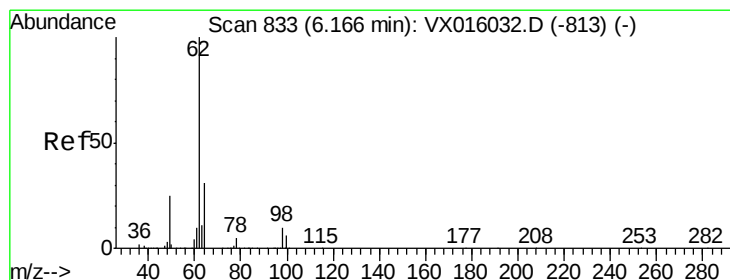
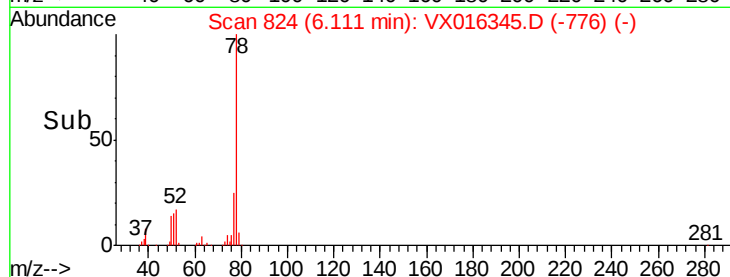
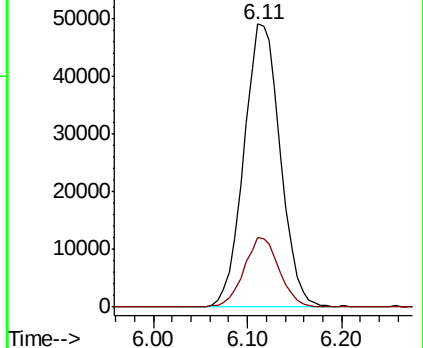
78 100

77 24.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.336 ug/l

RT: 6.12 min Scan# 826

Delta R.T. -0.04 min

Lab File: VX016345.D

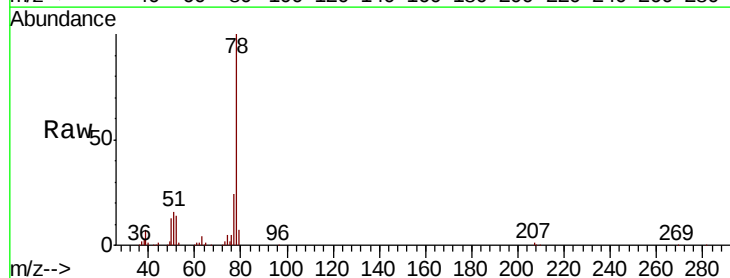
Acq: 19 May 2020 19:12

Tgt Ion: 62 Resp: 1518

Ion Ratio Lower Upper

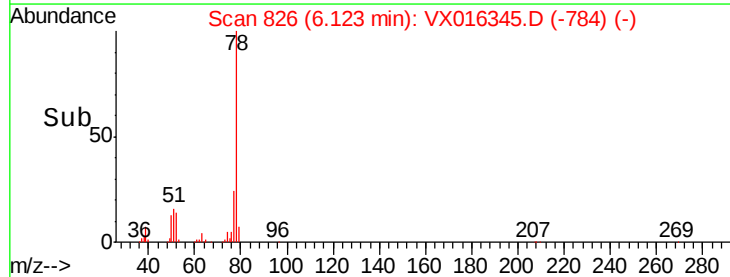
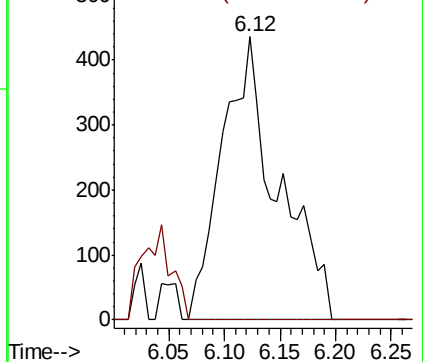
62 100

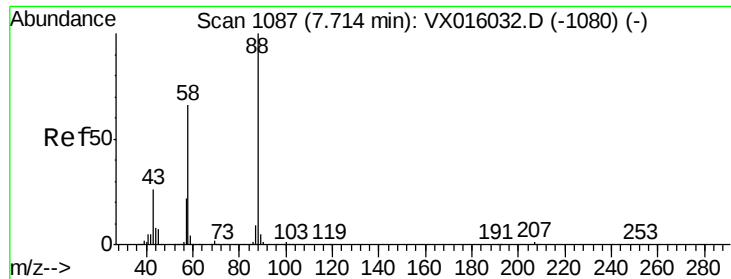
98 0.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 4.614 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

30559

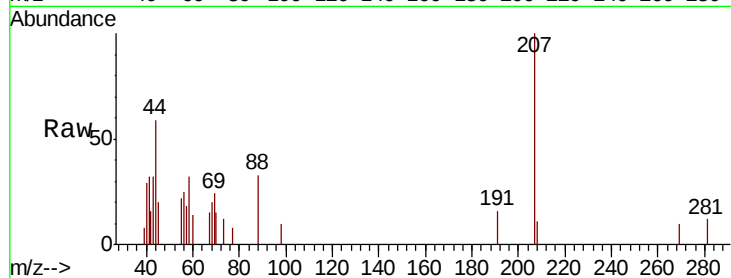
Tot Ion: 88 Resp: 416

Ion Ratio Lower Upper

88 100

43 33.9 25.3 37.9

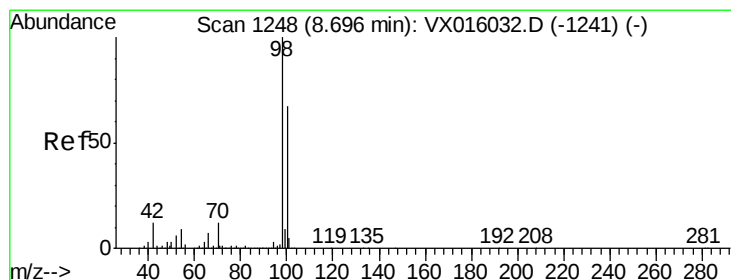
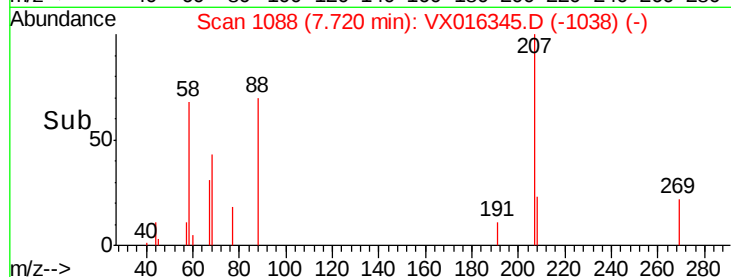
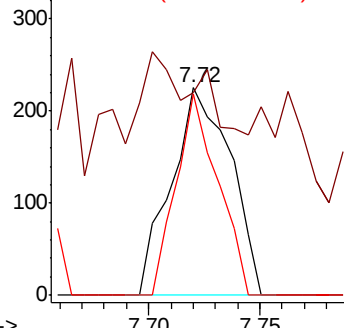
58 68.8 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.624 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016345.D

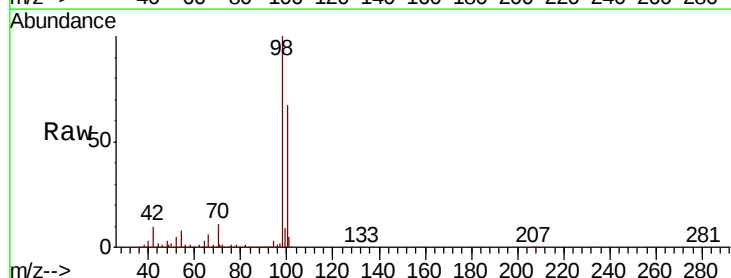
Acq: 19 May 2020 19:12

Tgt Ion: 98 Resp: 527986

Ion Ratio Lower Upper

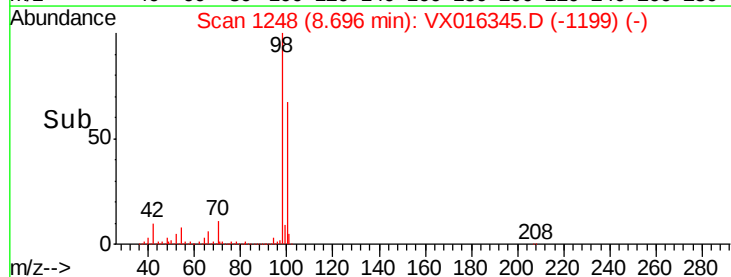
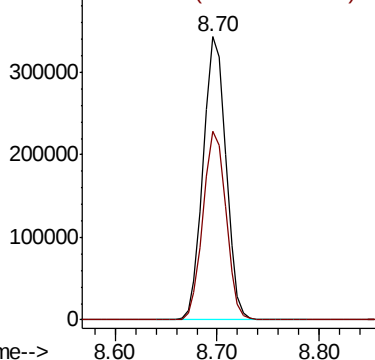
98 100

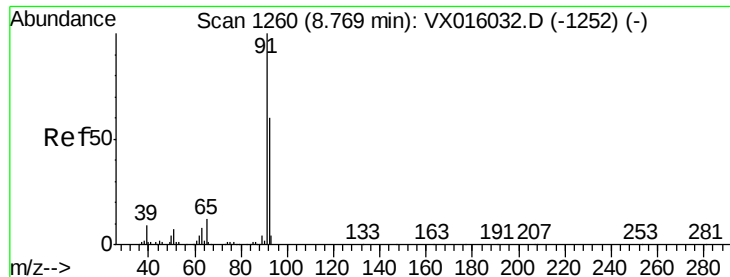
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 95.228 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

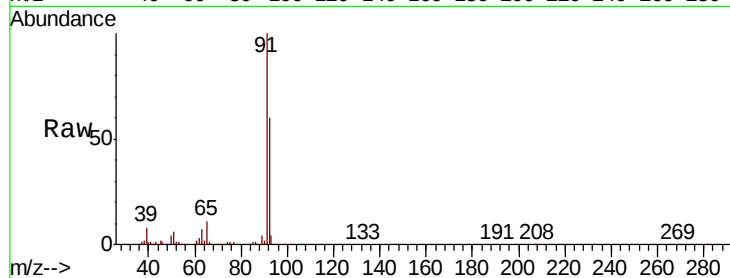
30559

Tot Ion: 92 Resp: 745148

Ion Ratio Lower Upper

92 100

91 169.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

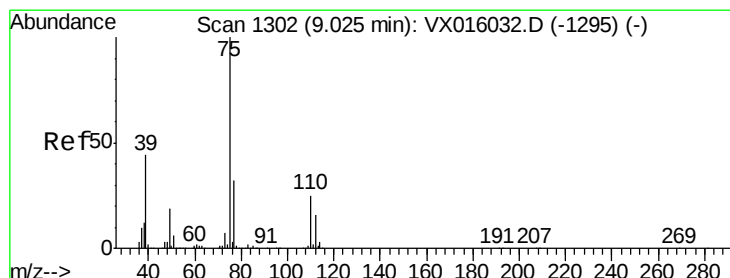
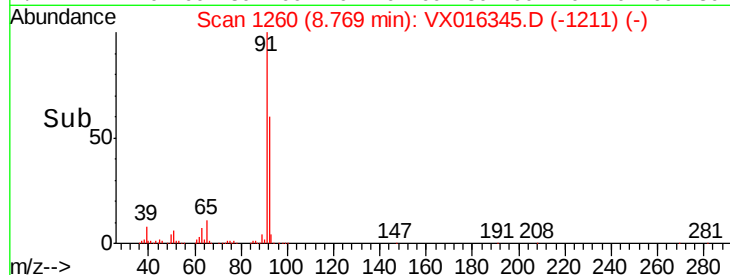
400000

200000

0

8.70 8.75 8.80 8.85

Time-->



#53

t-1,3-Dichloropropene

Concen: 1.575 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.26 min

Lab File: VX016345.D

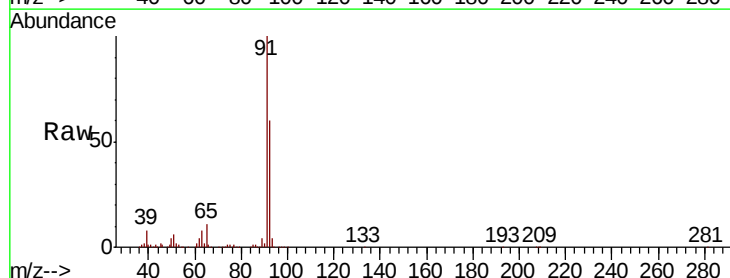
Acq: 19 May 2020 19:12

Tgt Ion: 75 Resp: 8257

Ion Ratio Lower Upper

75 100

77 155.3 25.7 38.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8000

6000

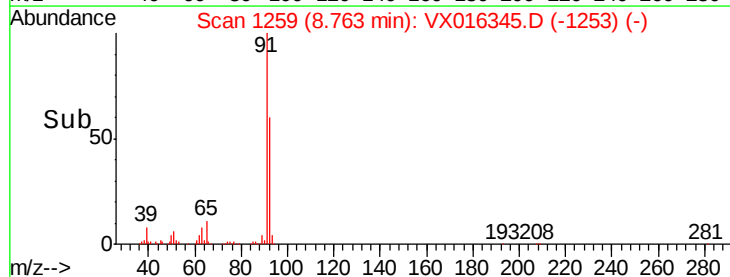
4000

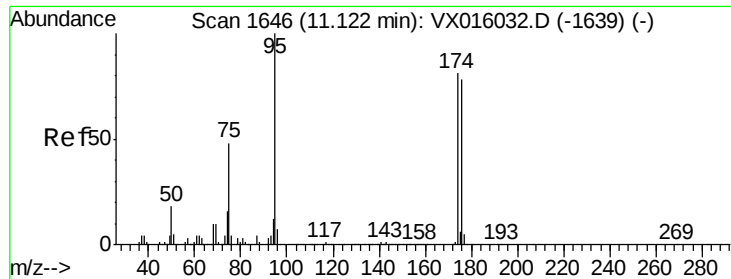
2000

0

8.70 8.75 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 51.445 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

30559

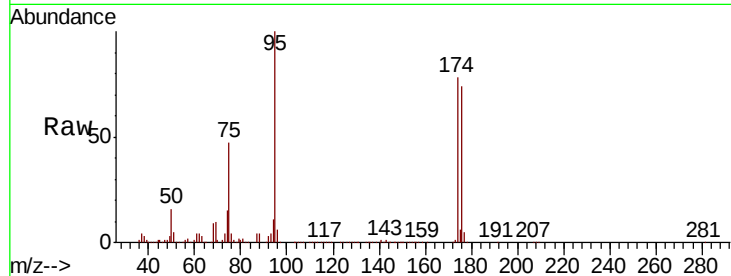
Tot Ion: 95 Resp: 208193

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

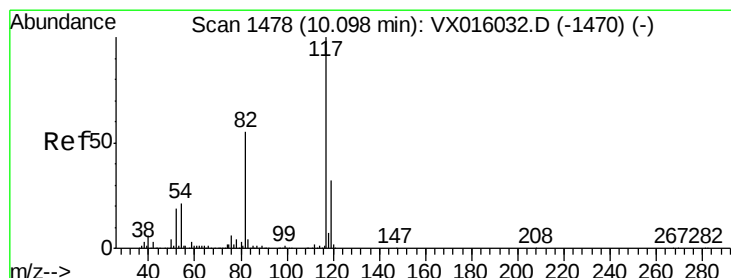
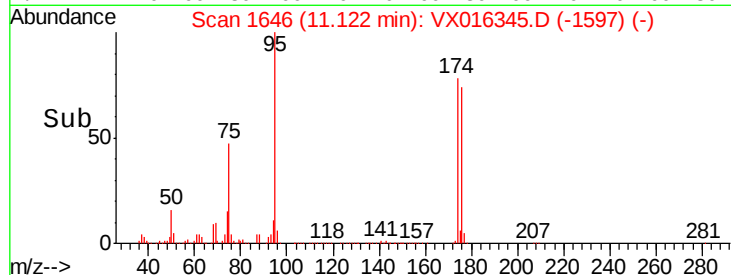
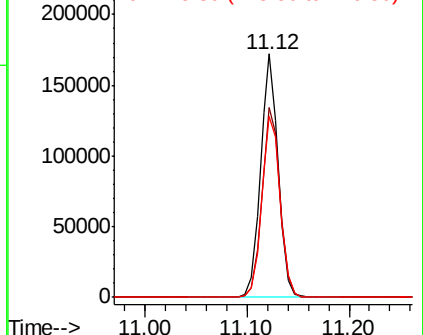
176 77.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

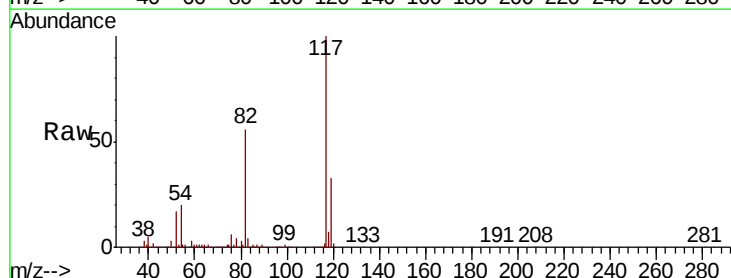
Tgt Ion: 117 Resp: 416164

Ion Ratio Lower Upper

117 100

82 55.9 44.4 66.6

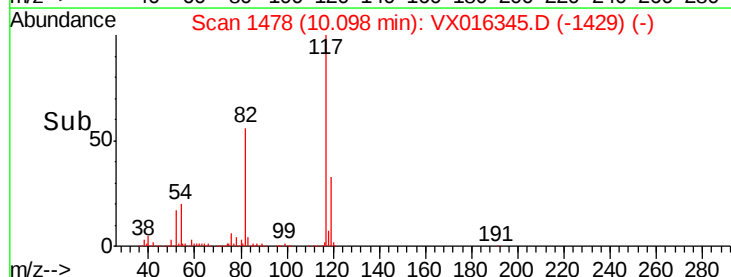
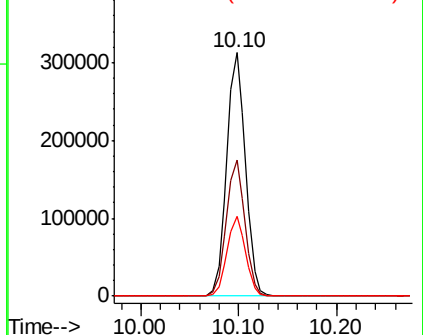
119 32.8 25.5 38.3

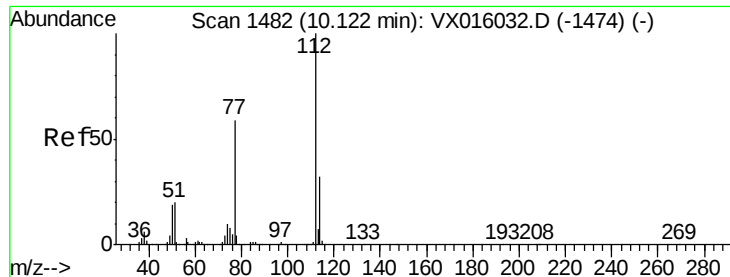


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

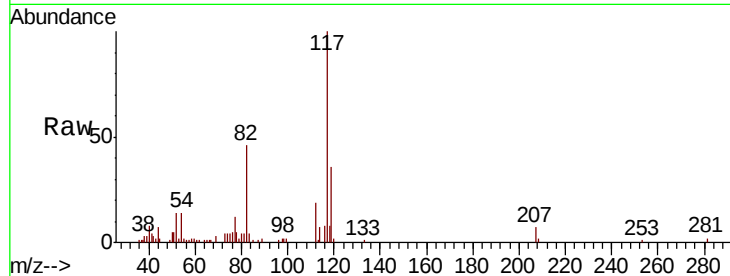




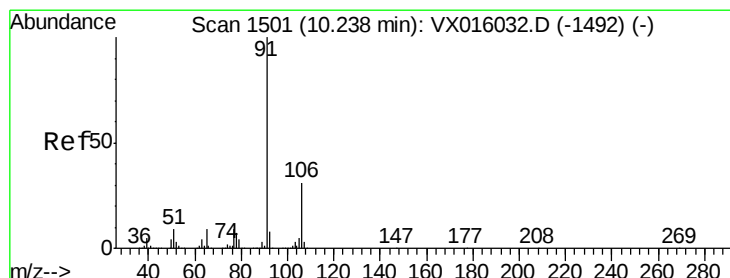
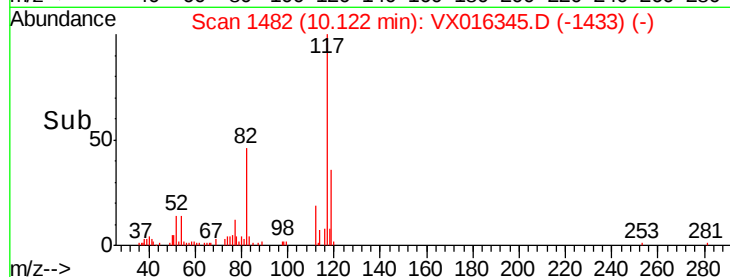
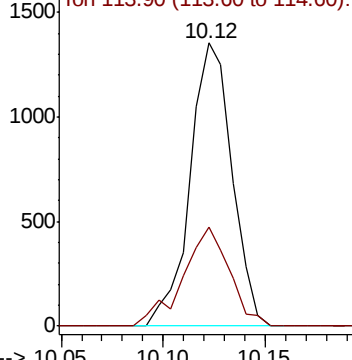
#65
Chlorobenzene
Concen: 0.223 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016345.D
Acq: 19 May 2020 19:12

Instrument :
MSVOA_X
ClientSampled :
30559

Tot Ion:112 Resp: 1939
Ion Ratio Lower Upper
112 100
114 35.2 25.7 38.5

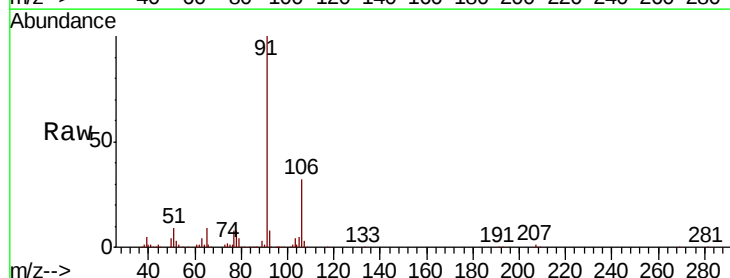


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

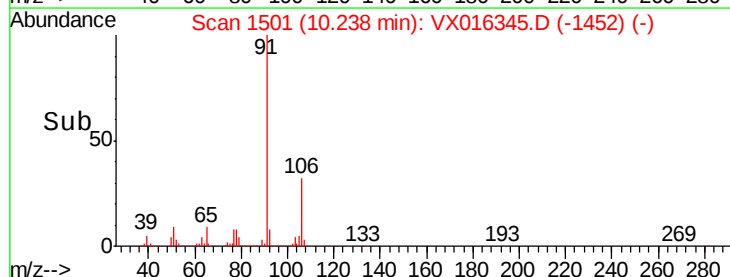
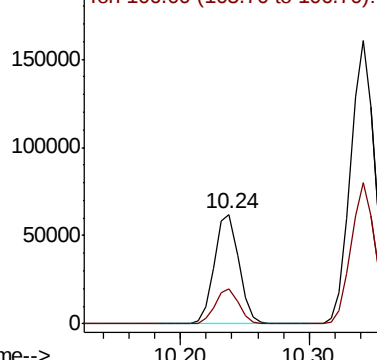


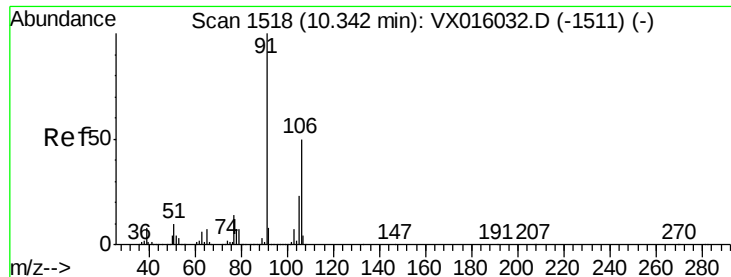
#67
Ethyl Benzene
Concen: 5.268 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016345.D
Acq: 19 May 2020 19:12

Tgt Ion: 91 Resp: 81902
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 17.902 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

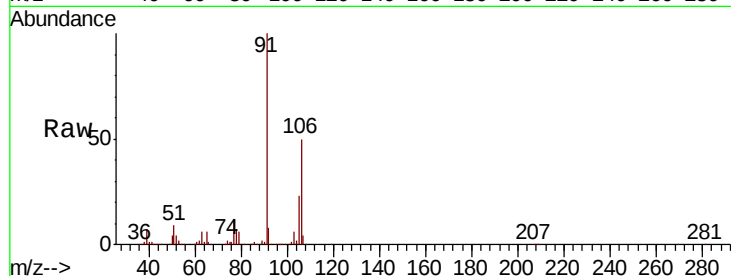
30559

Tot Ion:106 Resp: 104283

Ion Ratio Lower Upper

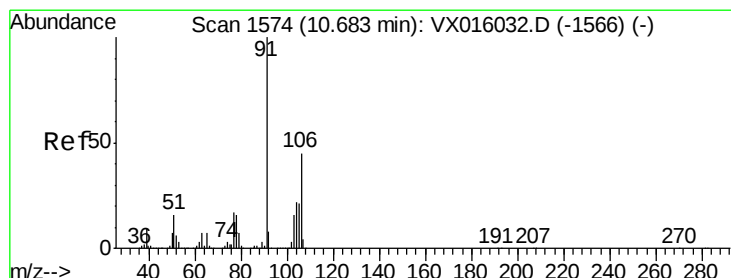
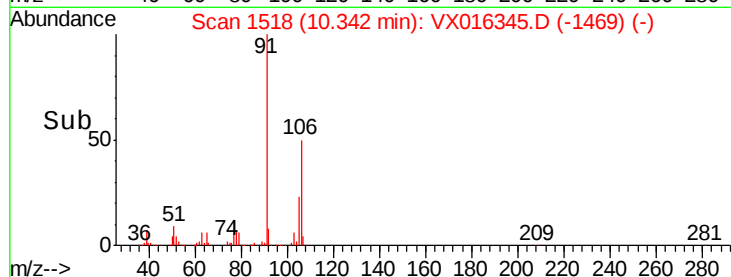
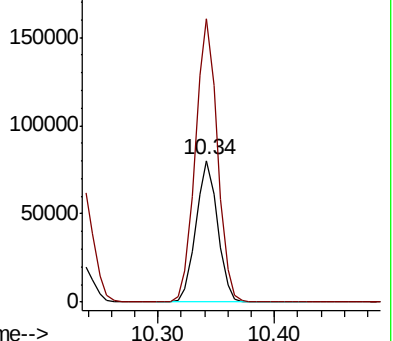
106 100

91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.910 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016345.D

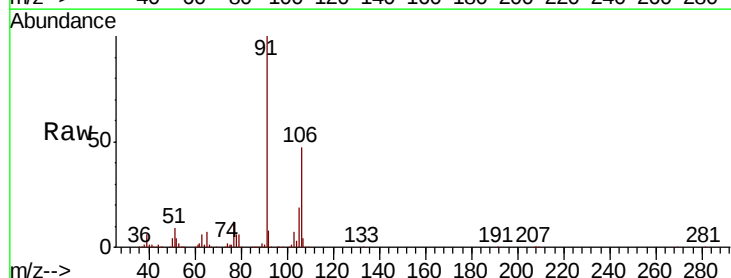
Acq: 19 May 2020 19:12

Tgt Ion:106 Resp: 49890

Ion Ratio Lower Upper

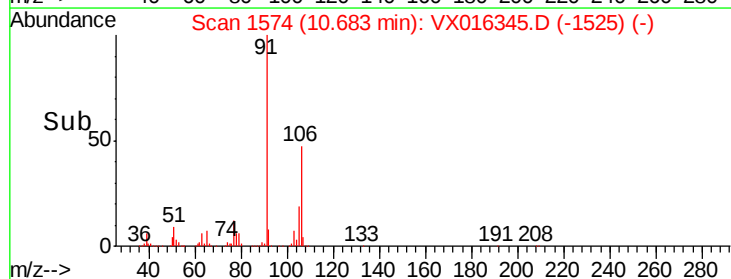
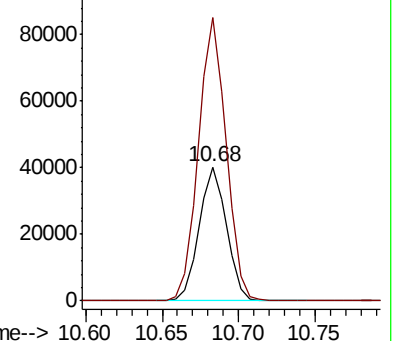
106 100

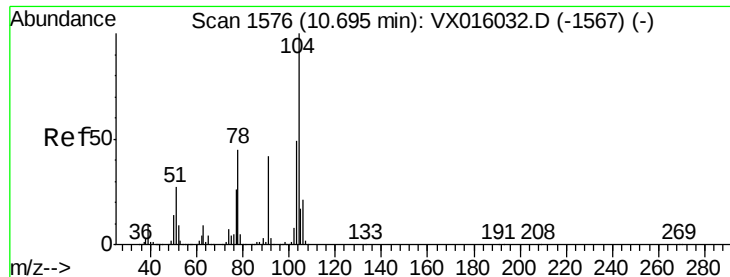
91 214.7 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.288 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

30559

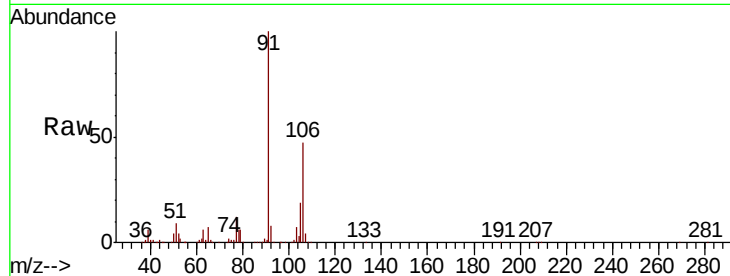
Tot Ion:104 Resp: 2740

Ion Ratio Lower Upper

104 100

78 263.6 40.2 60.2#

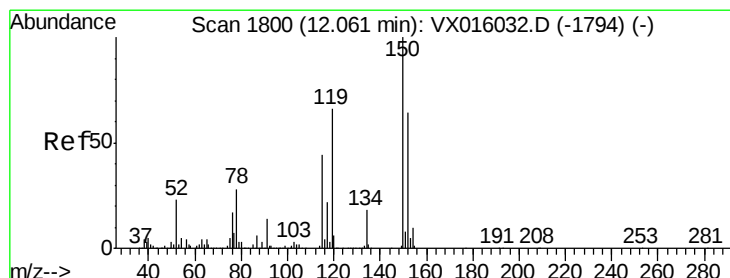
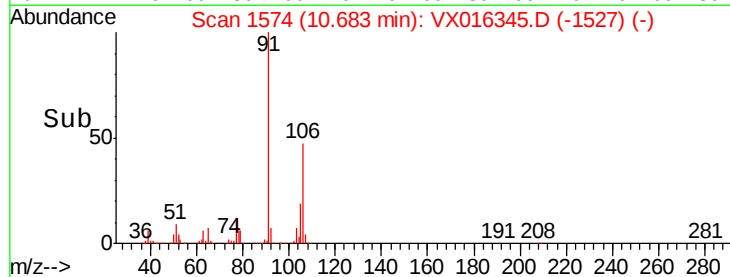
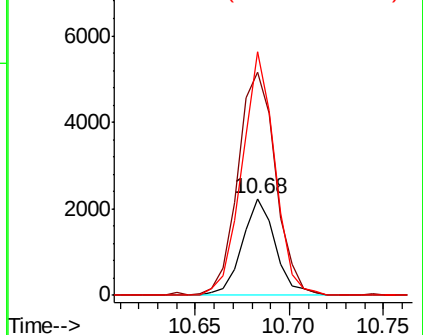
103 247.9 43.0 64.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

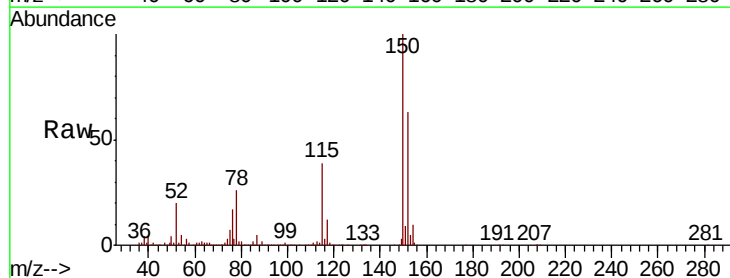
Tgt Ion:152 Resp: 205993

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

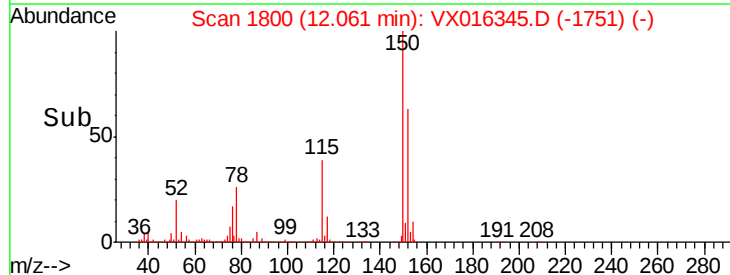
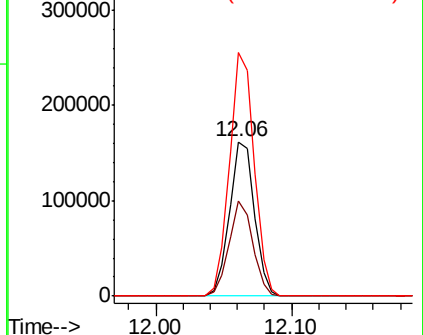
150 156.4 0.0 352.2

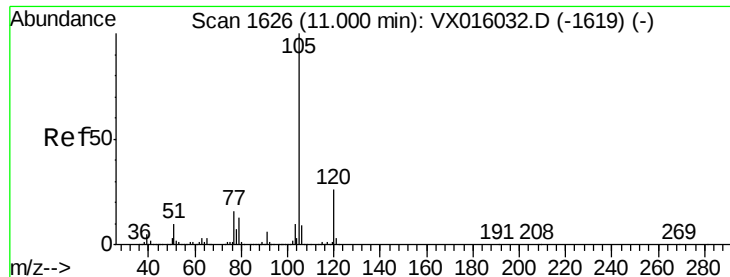


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

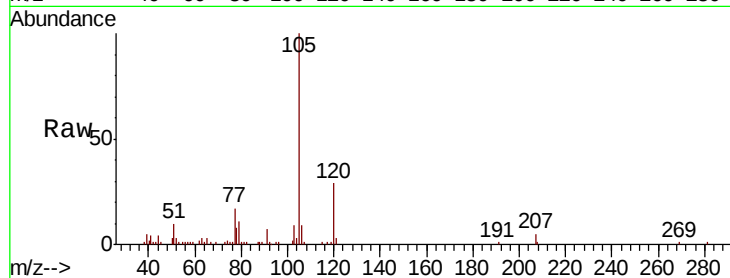
30559

Tot Ion: 105 Resp: 13532

Ion Ratio Lower Upper

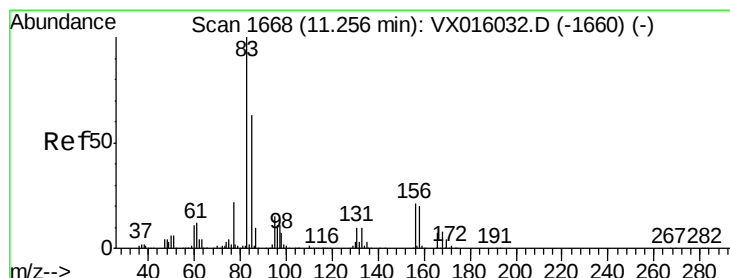
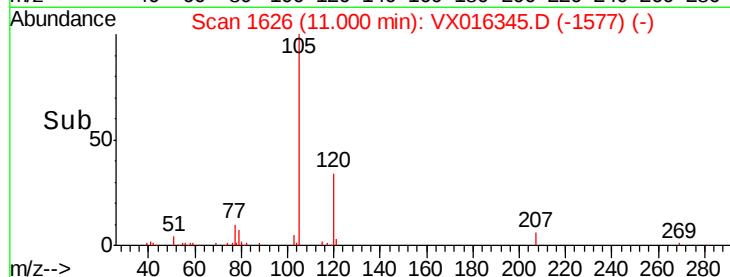
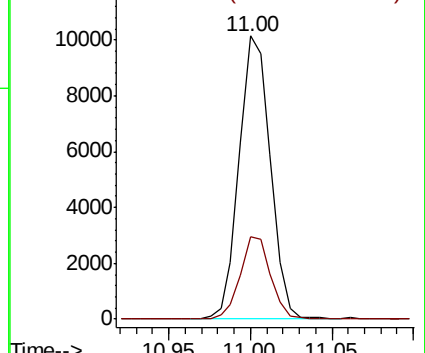
105 100

120 28.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 2.056 ug/l

RT: 11.30 min Scan# 1676

Delta R.T. 0.05 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

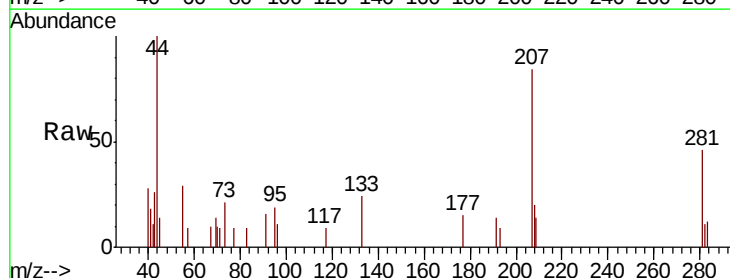
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

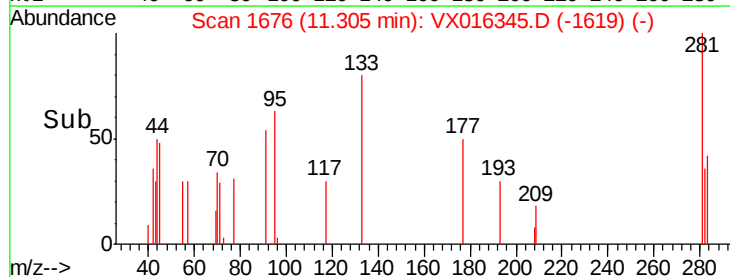
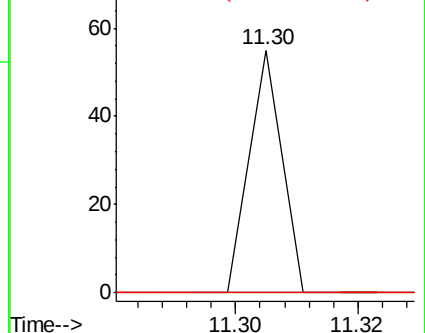
85 0.0 32.0 96.0#

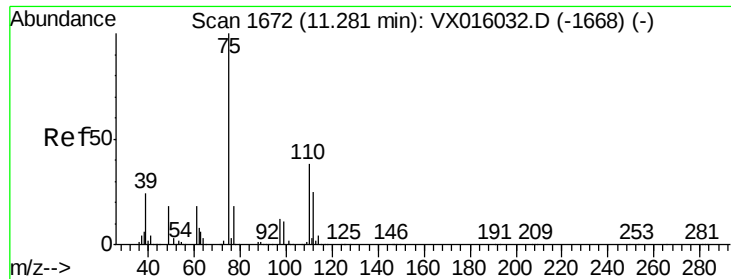


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.457 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

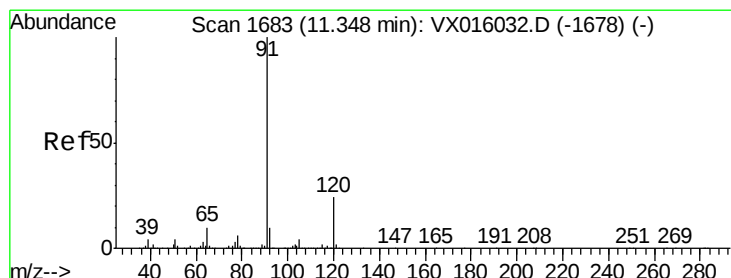
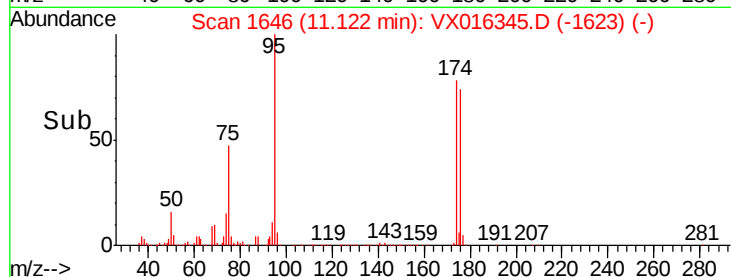
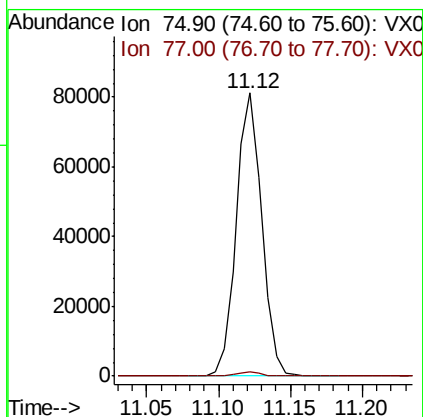
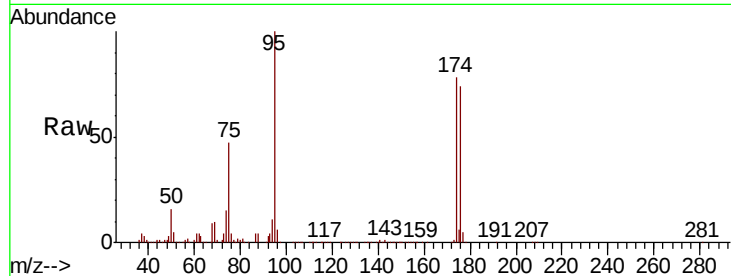
30559

Tot Ion: 75 Resp: 100302

Ion Ratio Lower Upper

75 100

77 1.4 21.2 63.6#



#78

n-propylbenzene

Concen: 0.767 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016345.D

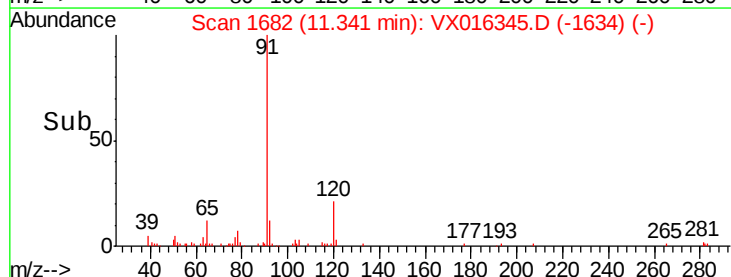
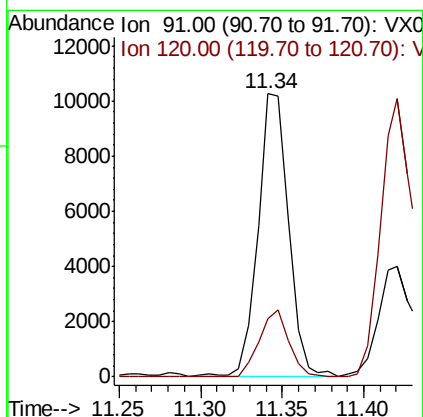
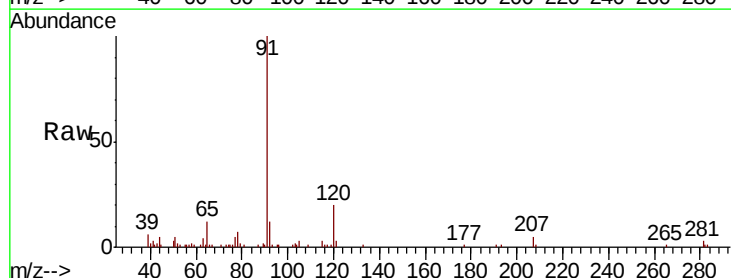
Acq: 19 May 2020 19:12

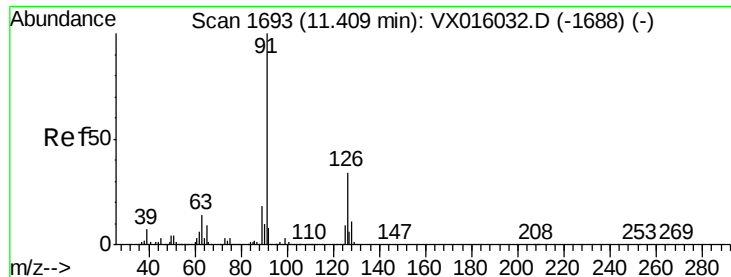
Tgt Ion: 91 Resp: 13364

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5

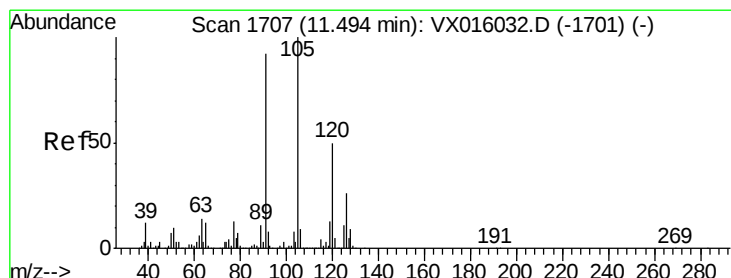
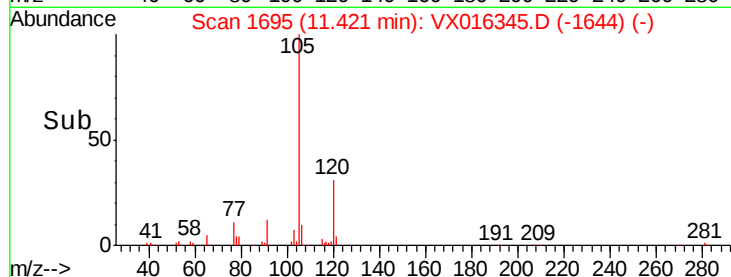
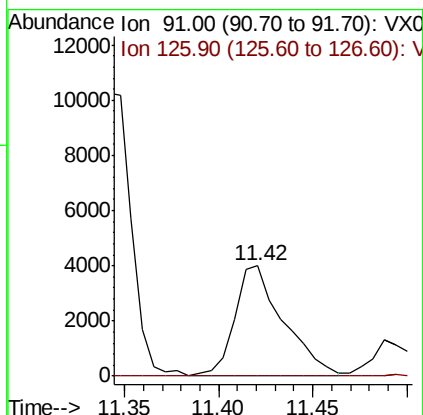
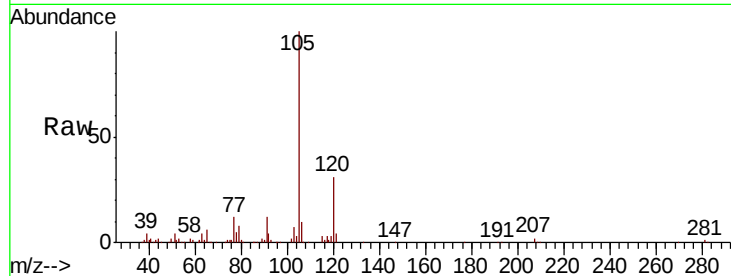




#79
 2-Chlorotoluene
 Concen: 0.696 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VX016345.D
 Acq: 19 May 2020 19:12

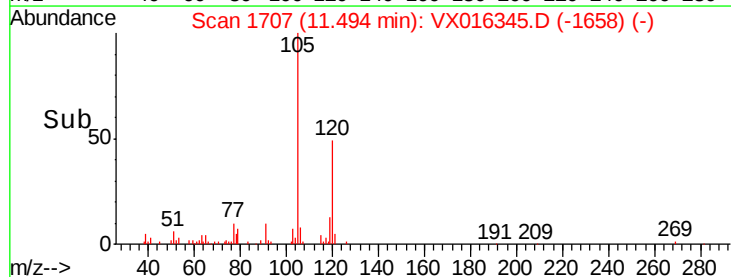
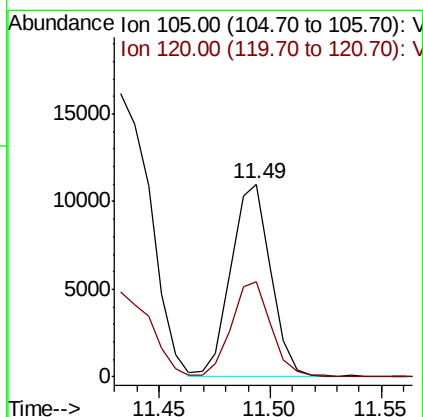
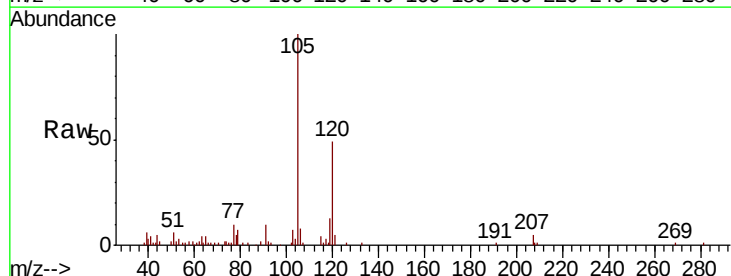
Instrument :
 MSVOA_X
 ClientSampled :
 30559

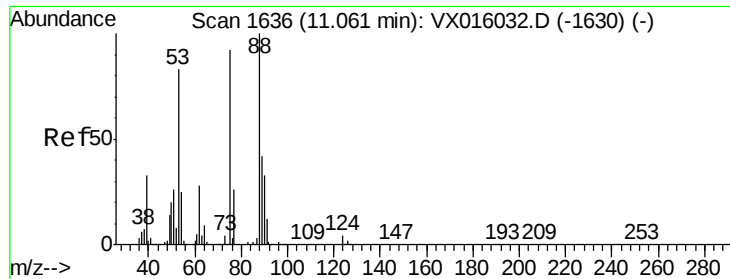
Tot Ion: 91 Resp: 7162
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.090 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016345.D
 Acq: 19 May 2020 19:12

Tgt Ion: 105 Resp: 13792
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0

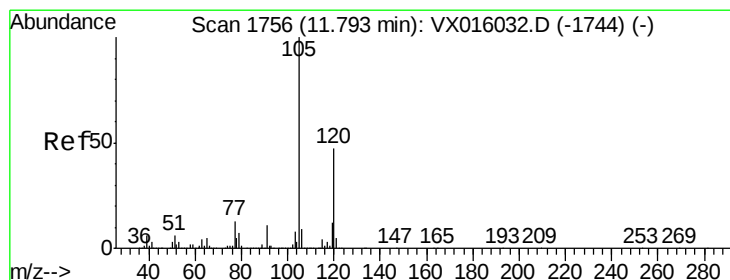
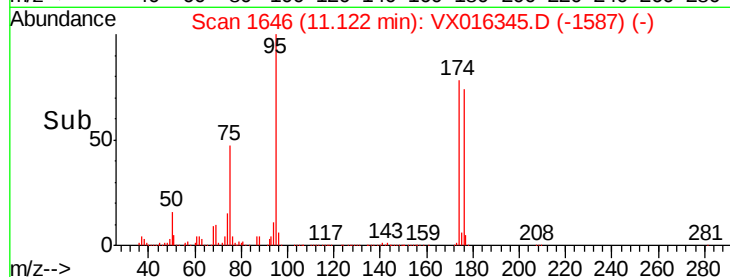
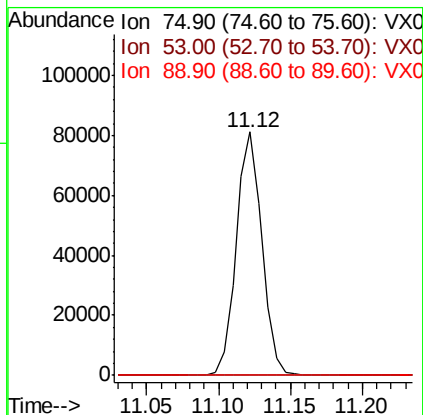
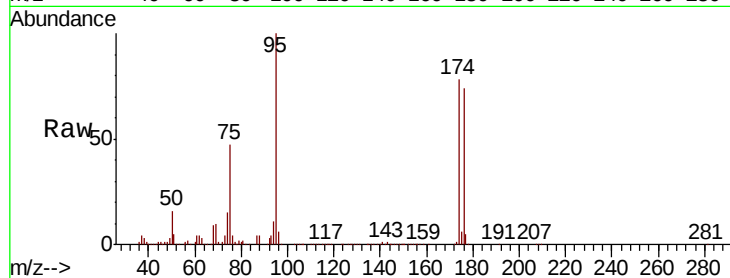




#81
trans-1,4-Dichloro-2-butene
Concen: 51.135 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016345.D
Acq: 19 May 2020 19:12

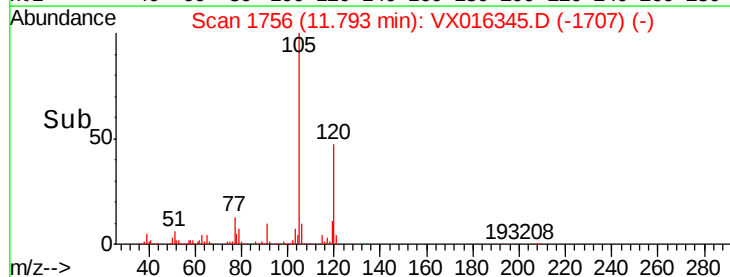
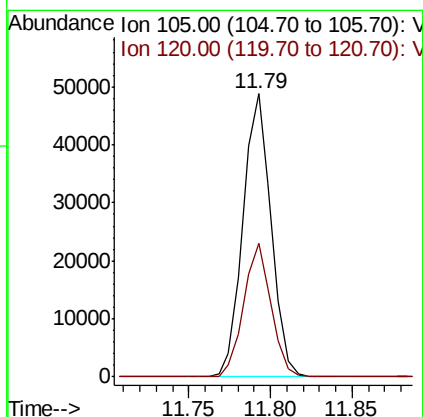
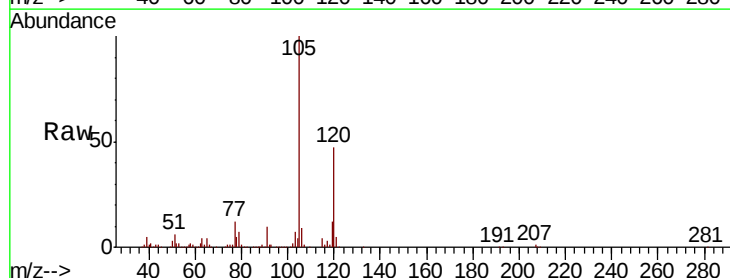
Instrument :
MSVOA_X
ClientSampleId :
30559

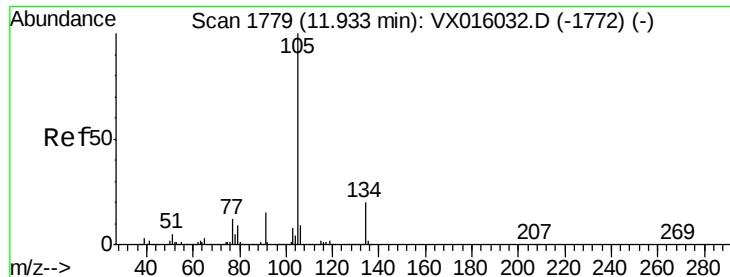
Tot Ion: 75 Resp: 100302
Ion Ratio Lower Upper
75 100
53 0.1 73.1 109.7#
89 0.0 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 4.601 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016345.D
Acq: 19 May 2020 19:12

Tgt Ion: 105 Resp: 58846
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 3.998 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampled :

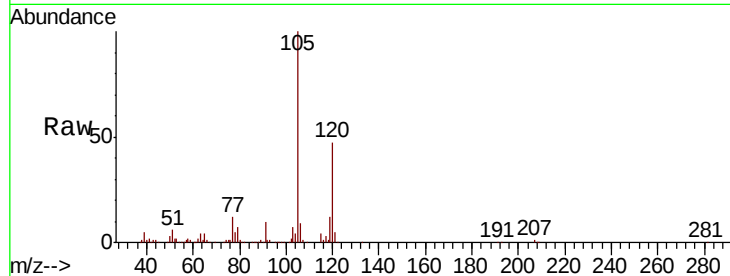
30559

Tot Ion:105 Resp: 58846

Ion Ratio Lower Upper

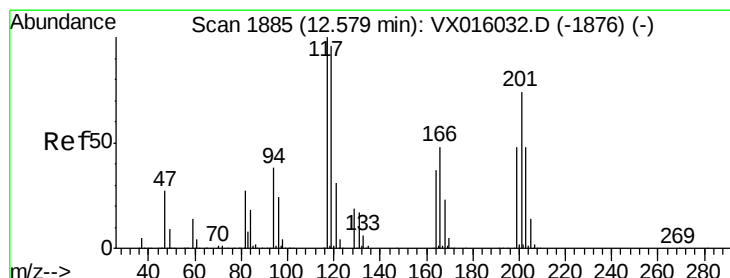
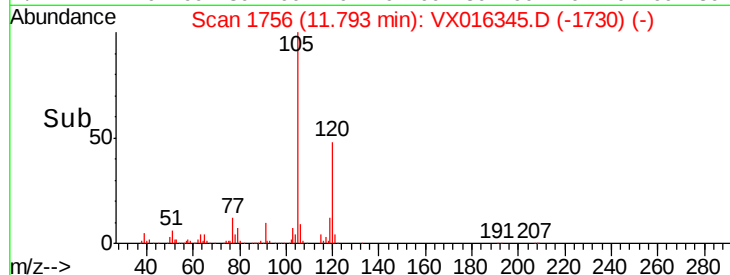
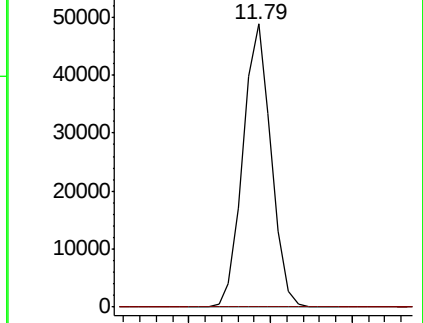
105 100

134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.202 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016345.D

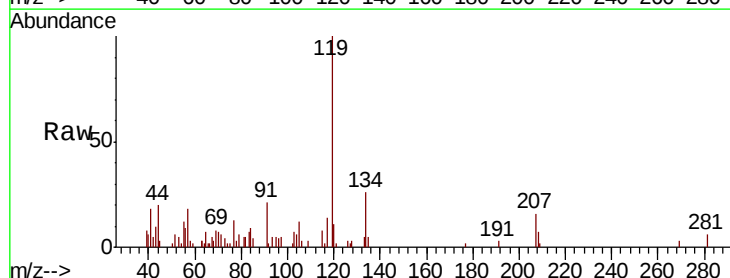
Acq: 19 May 2020 19:12

Tgt Ion:117 Resp: 474

Ion Ratio Lower Upper

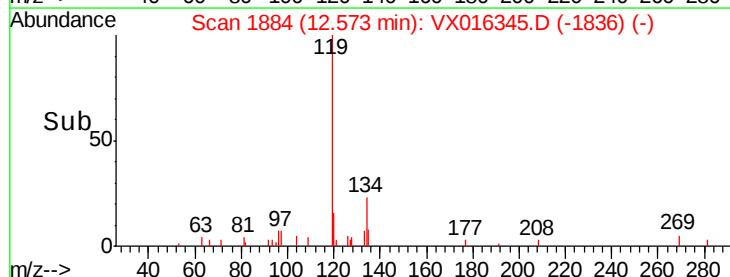
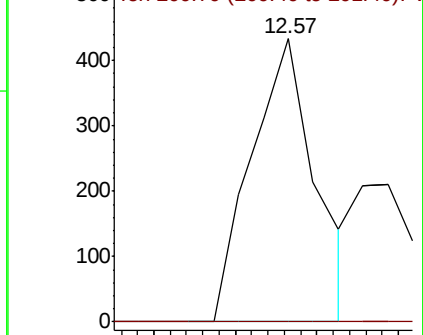
117 100

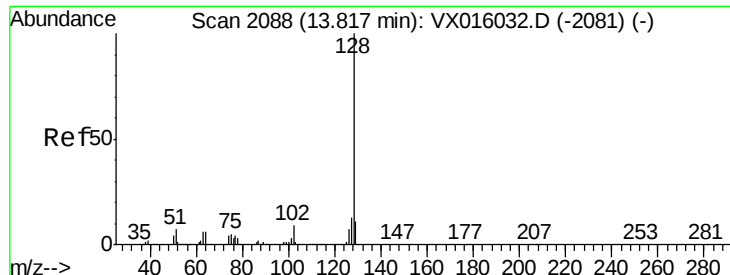
201 0.0 39.8 119.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 2.421 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016345.D

Acq: 19 May 2020 19:12

Instrument :

MSVOA_X

ClientSampleId :

30559

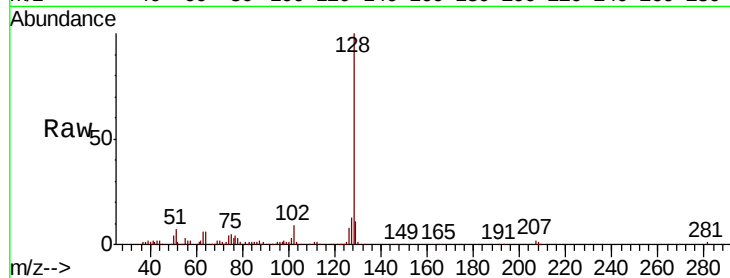
Tot Ion:128 Resp: 38807

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.3 8.7 13.1



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

