

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX051420\
 Data File : VX016226.D
 Acq On : 14 May 2020 13:22
 Operator : JC/SP
 Sample : L2596-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E-1U

Quant Time: May 15 01:32:17 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	253987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	427084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	159360	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	5.46	113	127793	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.70	98	528544	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.12	95	214231	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

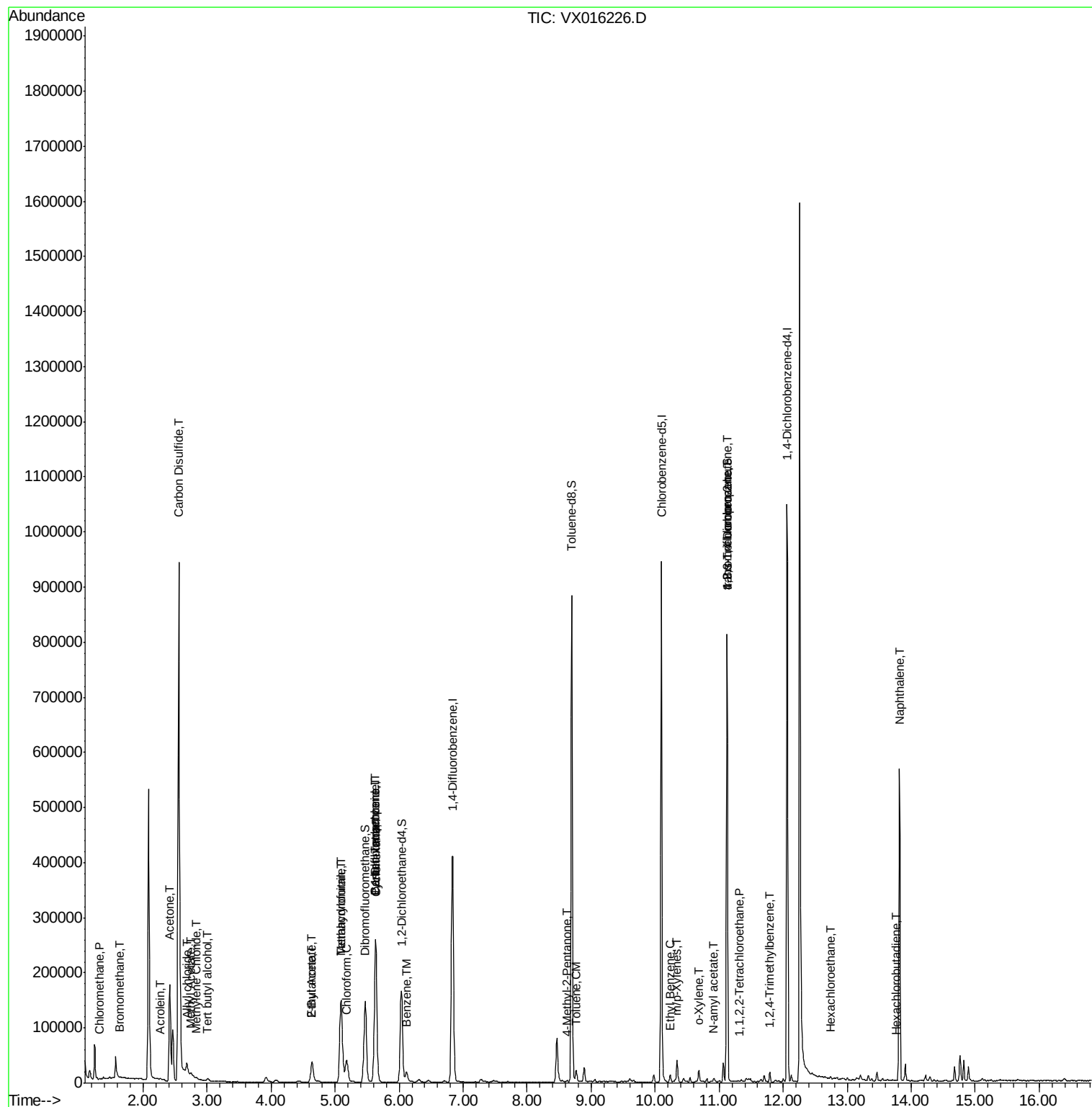
						Qvalue
3) Chloromethane	1.32	50	841	0.27	ug/l	89
5) Bromomethane	1.64	94	351	0.21	ug/l #	51
11) Tert butyl alcohol	3.01	59	4460	5.28	ug/l	96
13) Acrolein	2.28	56	279	0.53	ug/l #	68
14) Allyl chloride	2.68	41	16449	3.40	ug/l #	45
16) Acetone	2.42	43	180112	120.78	ug/l	96
17) Carbon Disulfide	2.56	76	1146899	145.04	ug/l	99
18) Methyl Acetate	2.75	43	3025	0.83	ug/l	97
20) Methylene Chloride	2.83	84	807	0.26	ug/l #	89
25) 2-Butanone	4.64	43	57600	23.97	ug/l	96
29) Tetrahydrofuran	5.09	42	136093	85.47	ug/l	99
30) Chloroform	5.18	83	47801	9.40	ug/l	99
31) Cyclohexane	5.64	56	4774	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	19021	4.52	ug/l #	49
37) Ethyl Acetate	4.64	43	57600	11.82	ug/l #	67
38) Carbon Tetrachloride	5.64	117	24405	5.71	ug/l #	14
40) Benzene	6.12	78	22256	1.81	ug/l	98
41) Methacrylonitrile	5.09	41	77226	29.35	ug/l #	42
51) 4-Methyl-2-Pentanone	8.62	43	995	0.21	ug/l	90
52) Toluene	8.77	92	6718	0.88	ug/l	96
67) Ethyl Benzene	10.24	91	6762	0.43	ug/l	99
68) m/p-Xylenes	10.34	106	8662	1.46	ug/l	98
69) o-Xylene	10.68	106	4865	0.85	ug/l	95
74) N-amyl acetate	10.91	43	1642	0.22	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	11.32	83	99	2.08	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	104961	21.46	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	104961	51.15	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	7345	0.55	ug/l	100
90) Hexachloroethane	12.74	117	1361	0.55	ug/l #	10
94) Hexachlorobutadiene	13.77	225	103	0.57	ug/l #	18
95) Naphthalene	13.82	128	331864	19.79	ug/l	99

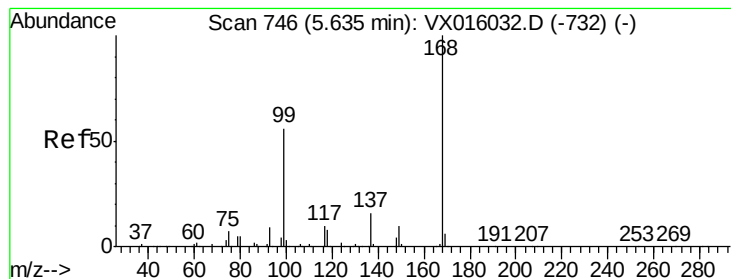
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

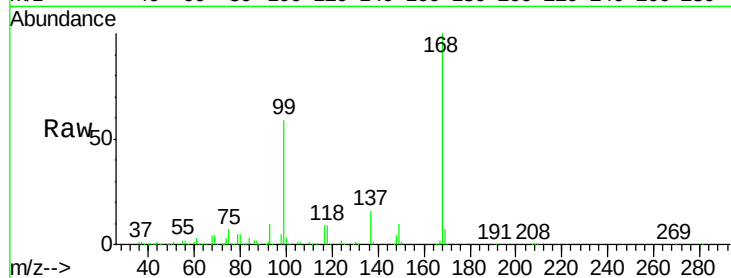
E-1U

Tgt Ion:168 Resp: 253987

Ion Ratio Lower Upper

168 100

99 59.1 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

80000

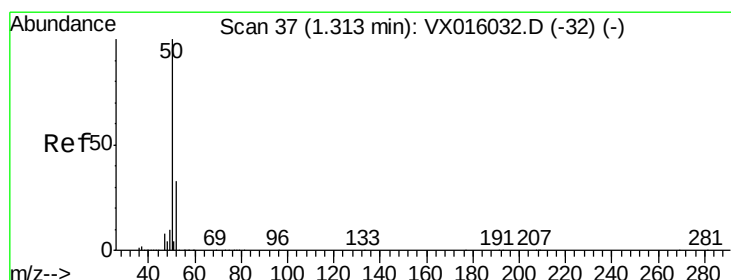
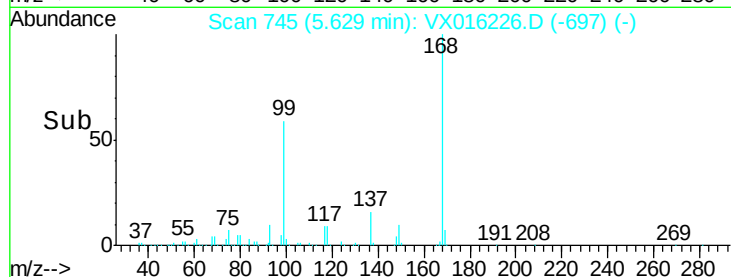
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016226.D

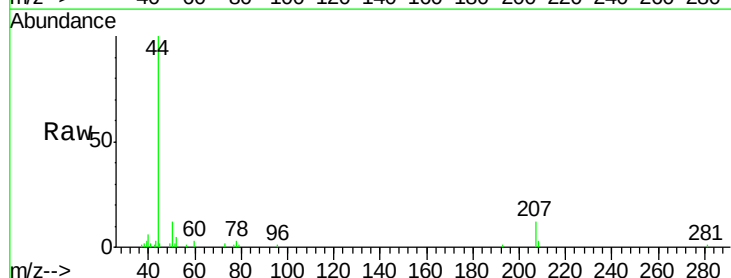
Acq: 14 May 2020 13:22

Tgt Ion: 50 Resp: 841

Ion Ratio Lower Upper

50 100

52 38.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

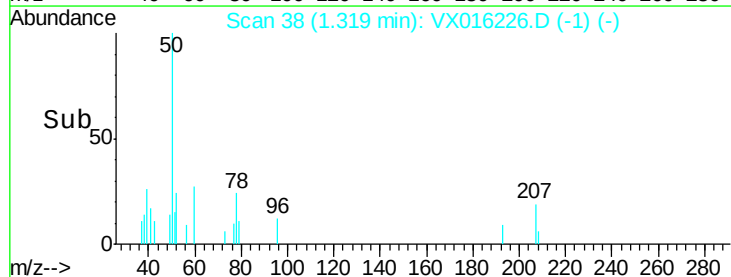
600

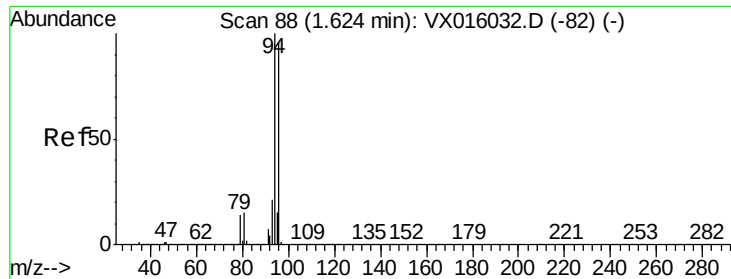
400

200

0

Time-->





#5

Bromomethane

Concen: 0.21 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampled :

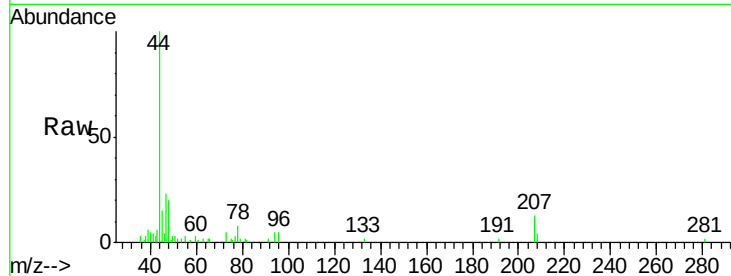
E-1U

Tgt Ion: 94 Resp: 351

Ion Ratio Lower Upper

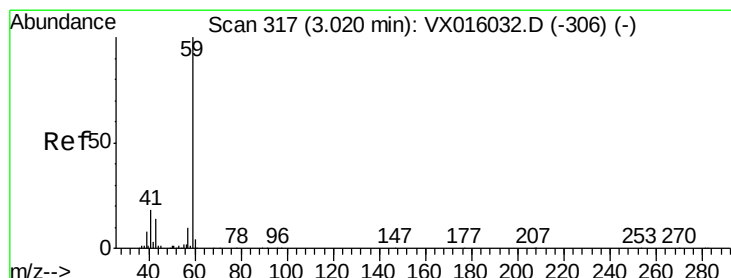
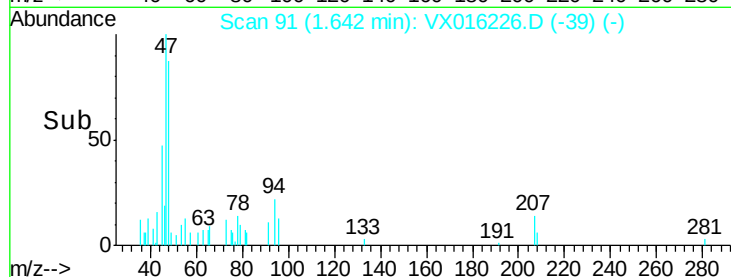
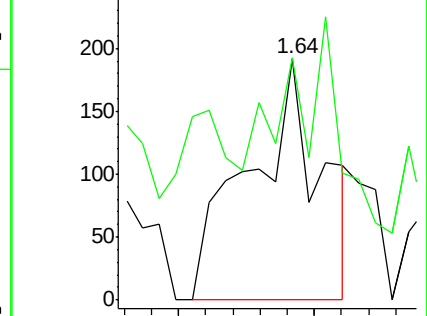
94 100

96 47.9 76.9 115.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 5.28 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016226.D

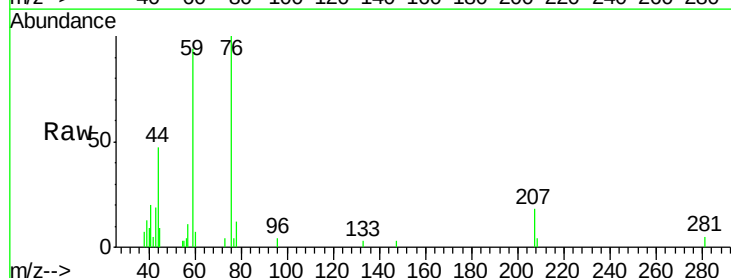
Acq: 14 May 2020 13:22

Tgt Ion: 59 Resp: 4460

Ion Ratio Lower Upper

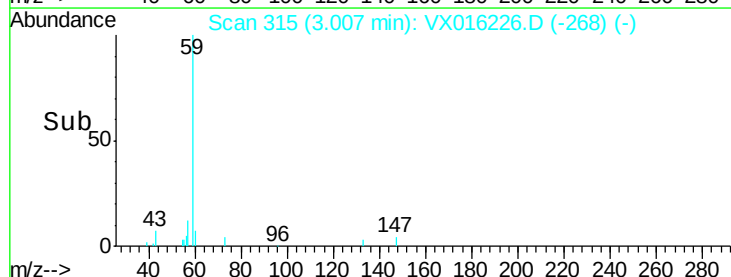
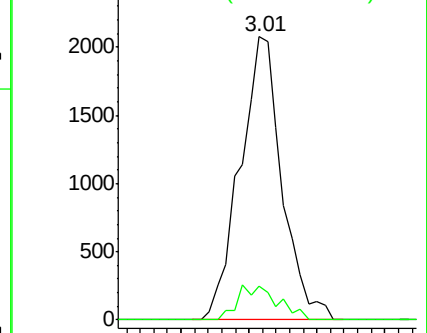
59 100

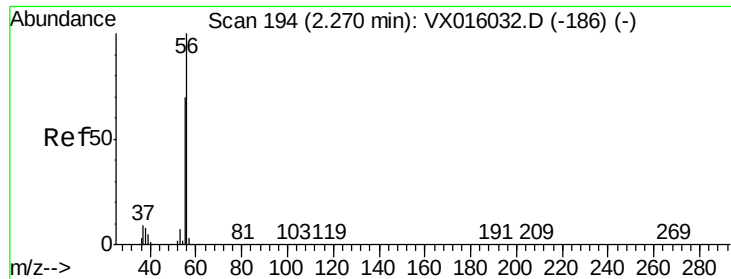
57 11.7 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

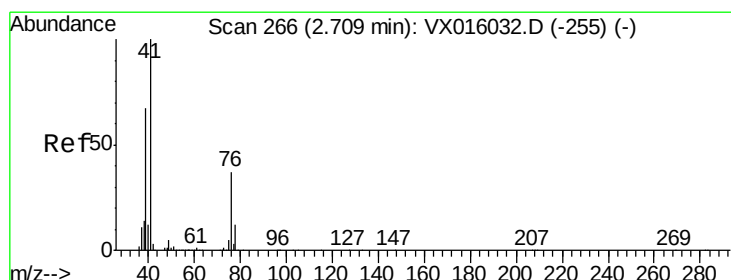
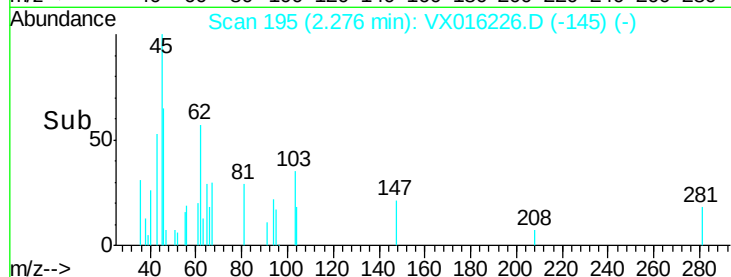
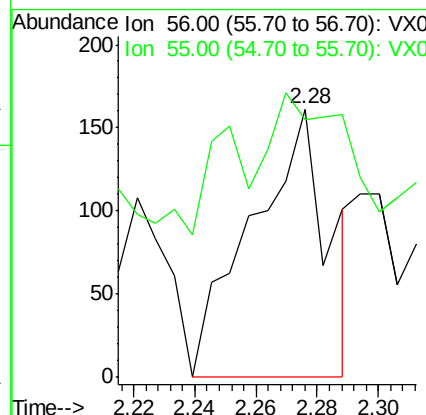
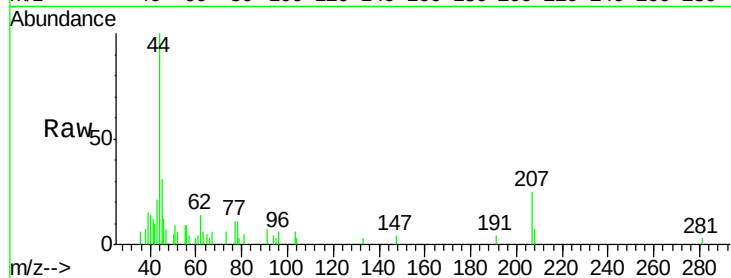




#13
 Acrolein
 Concen: 0.53 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: VX016226.D
 Acq: 14 May 2020 13:22

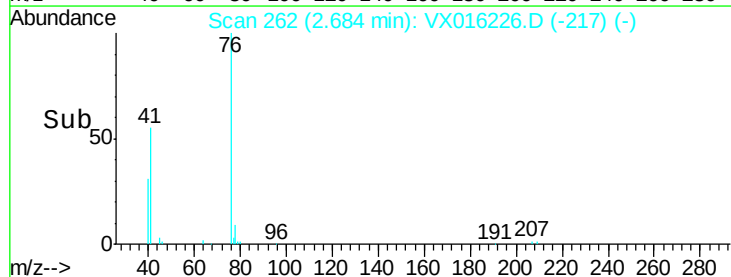
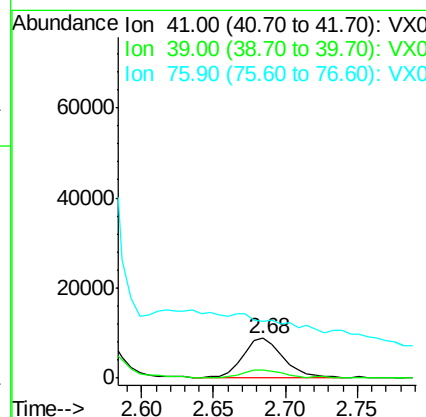
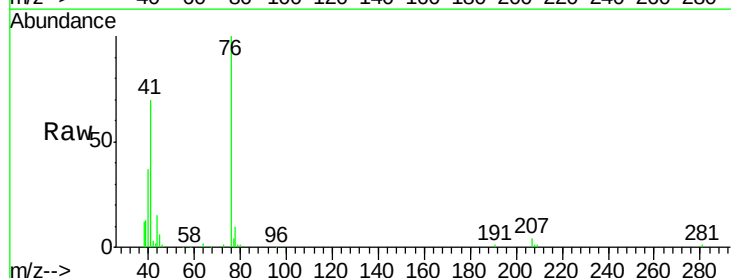
Instrument :
 MSVOA_X
 ClientSampleId :
 E-1U

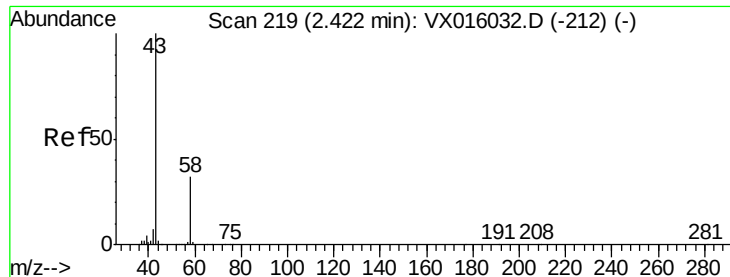
Tgt Ion: 56 Resp: 279
 Ion Ratio Lower Upper
 56 100
 55 44.4 56.5 84.7#



#14
 Allyl chloride
 Concen: 3.40 ug/l
 RT: 2.68 min Scan# 262
 Delta R.T. -0.02 min
 Lab File: VX016226.D
 Acq: 14 May 2020 13:22

Tgt Ion: 41 Resp: 16449
 Ion Ratio Lower Upper
 41 100
 39 21.7 50.5 75.7#
 76 0.0 26.6 40.0#





#16

Acetone

Concen: 120.78 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampled :

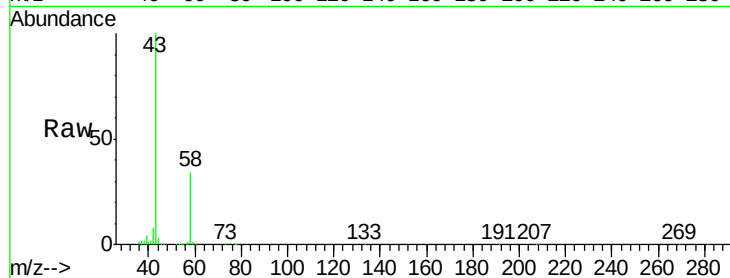
E-1U

Tgt Ion: 43 Resp: 180112

Ion Ratio Lower Upper

43 100

58 33.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

120000

100000

80000

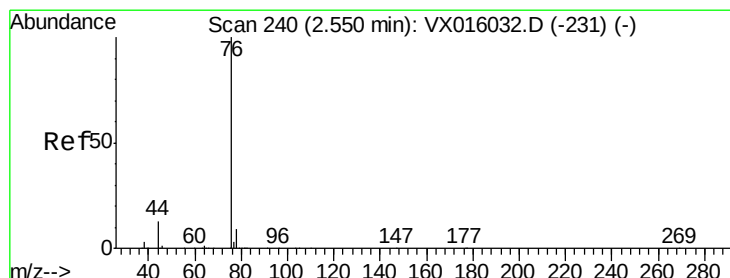
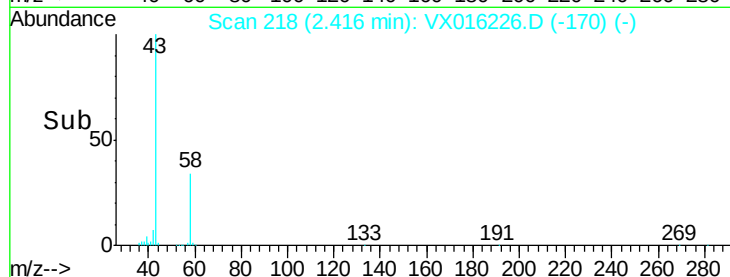
60000

40000

20000

0

Time--> 2.30 2.40 2.50



#17

Carbon Disulfide

Concen: 145.04 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016226.D

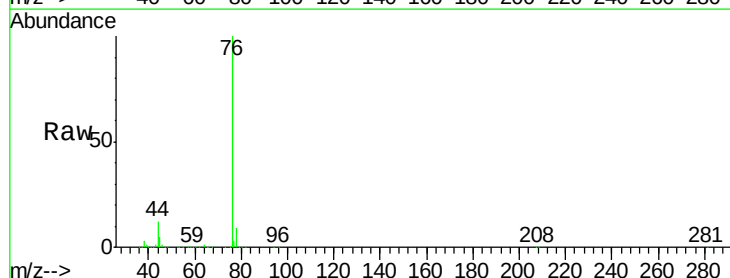
Acq: 14 May 2020 13:22

Tgt Ion: 76 Resp: 1146899

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800000

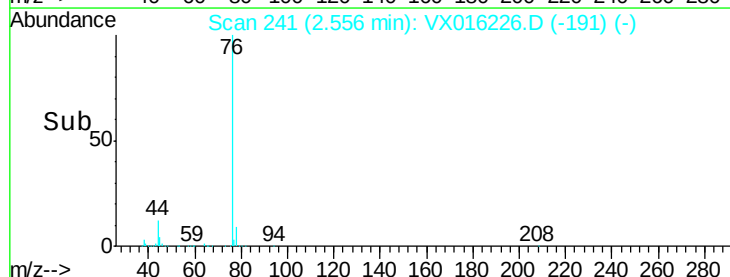
600000

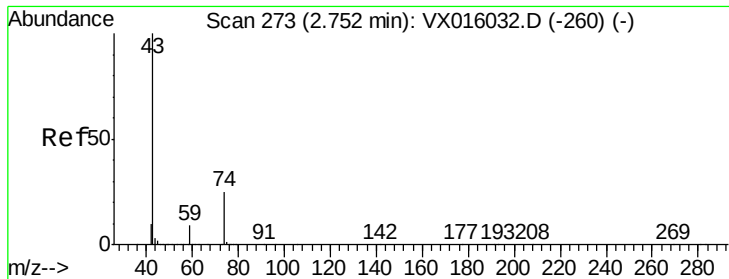
400000

200000

0

Time--> 2.45 2.50 2.55 2.60

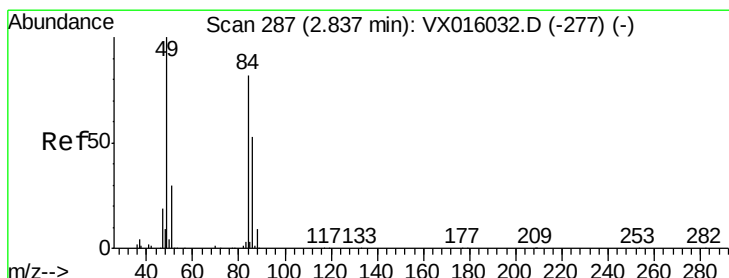
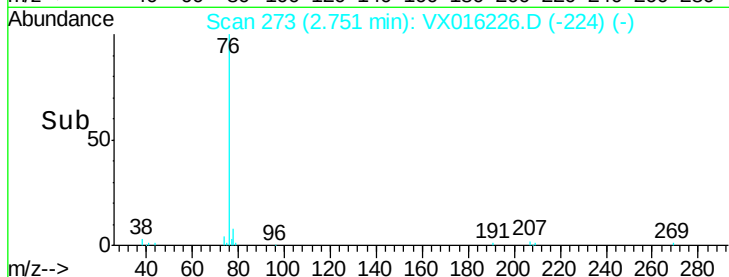
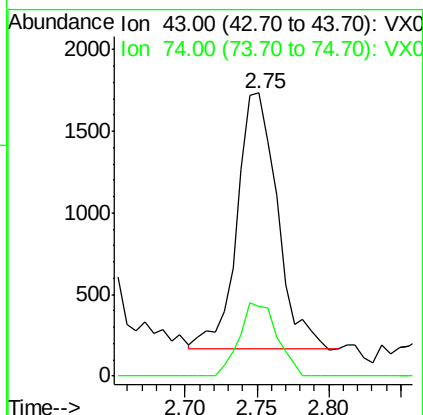
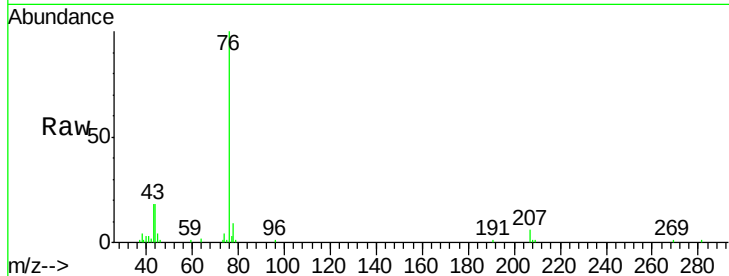




#18
Methyl Acetate
Concen: 0.83 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016226.D
Acq: 14 May 2020 13:22

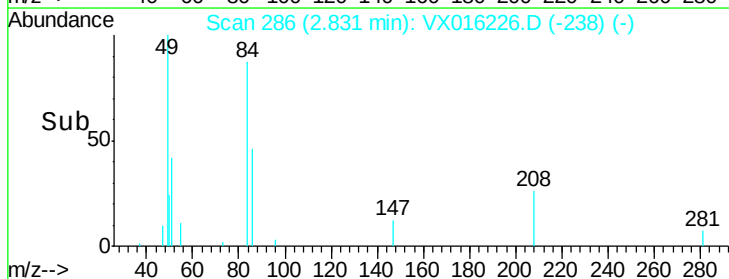
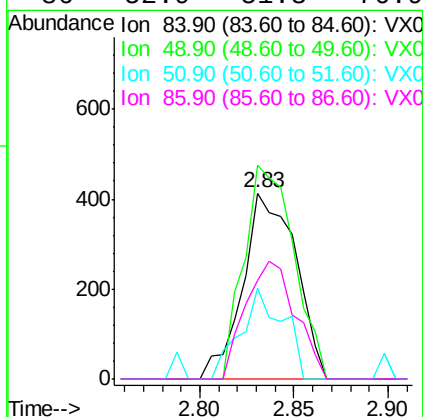
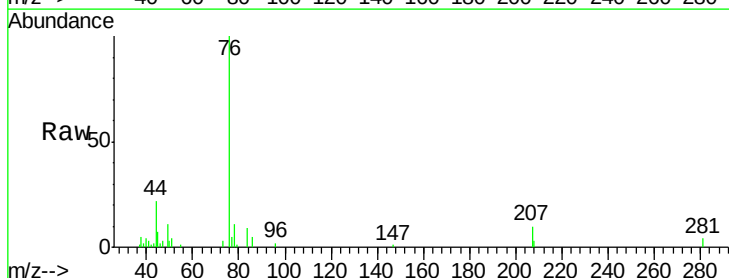
Instrument :
MSVOA_X
ClientSampleId :
E-1U

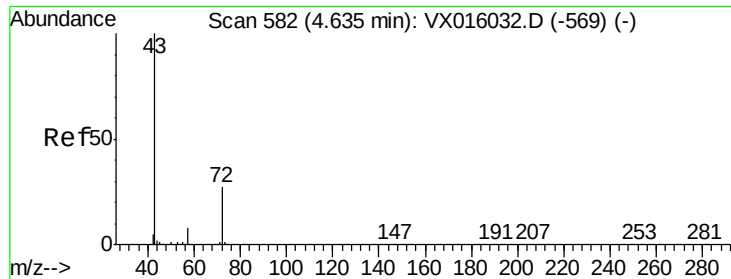
Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
74 26.9 20.2 30.2



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016226.D
Acq: 14 May 2020 13:22

Tgt Ion: 84 Resp: 807
Ion Ratio Lower Upper
84 100
49 114.7 97.3 145.9
51 48.6 29.3 43.9#
86 52.9 51.3 76.9





#25

2-Butanone

Concen: 23.97 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampled :

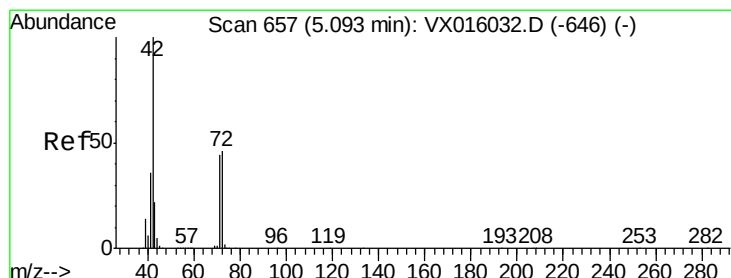
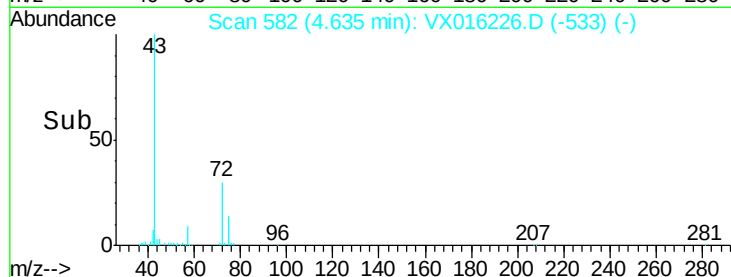
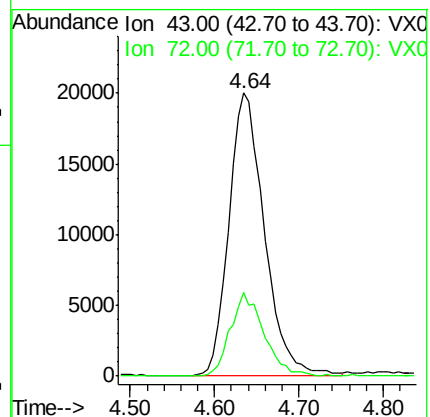
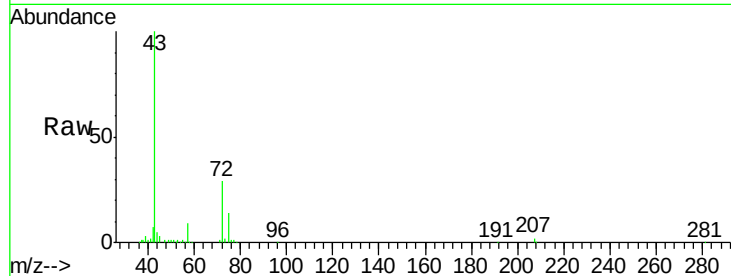
E-1U

Tgt Ion: 43 Resp: 57600

Ion Ratio Lower Upper

43 100

72 29.4 21.8 32.8



#29

Tetrahydrofuran

Concen: 85.47 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

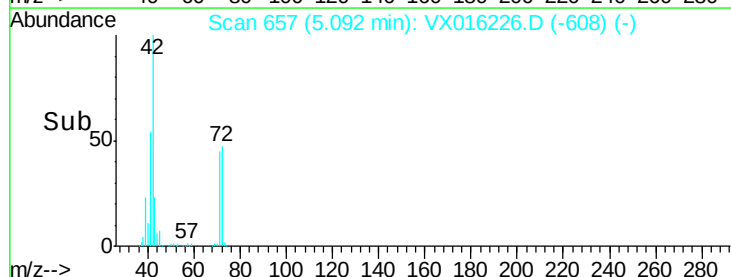
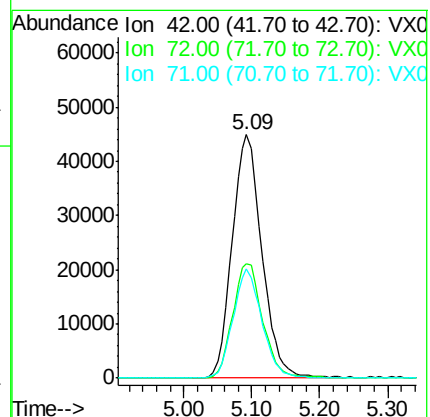
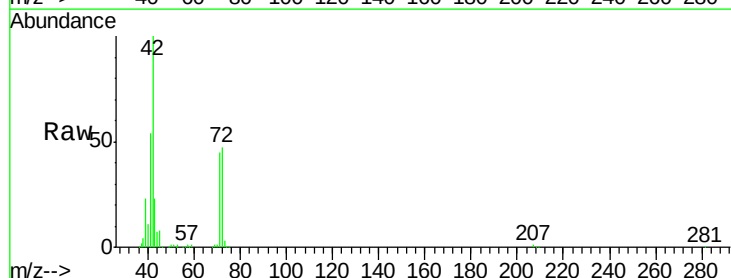
Tgt Ion: 42 Resp: 136093

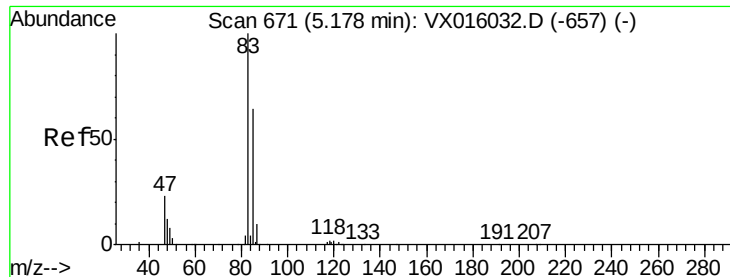
Ion Ratio Lower Upper

42 100

72 47.4 37.1 55.7

71 43.4 34.5 51.7





#30

Chloroform

Concen: 9.40 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

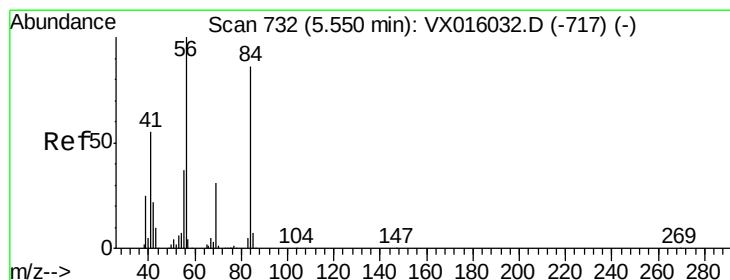
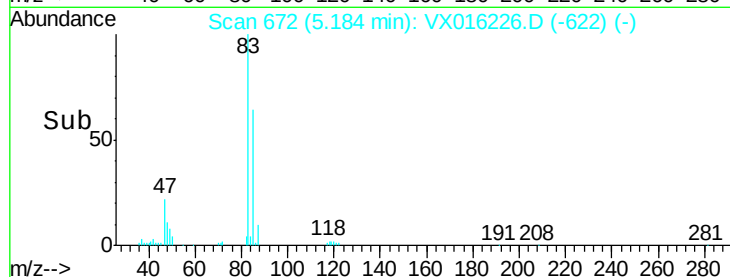
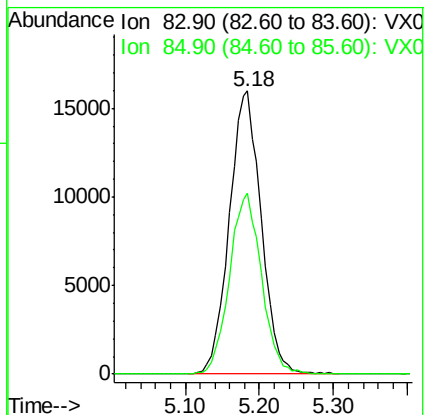
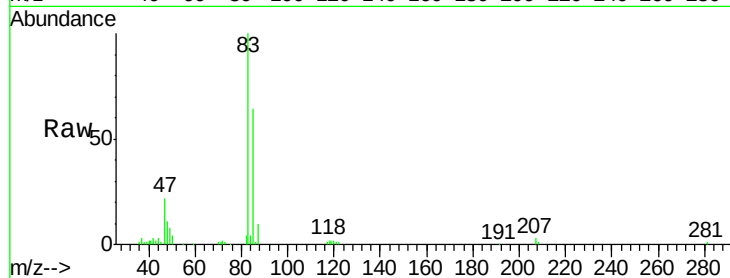
E-1U

Tgt Ion: 83 Resp: 47801

Ion Ratio Lower Upper

83 100

85 63.9 51.6 77.4



#31

Cyclohexane

Concen: 1.03 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.09 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

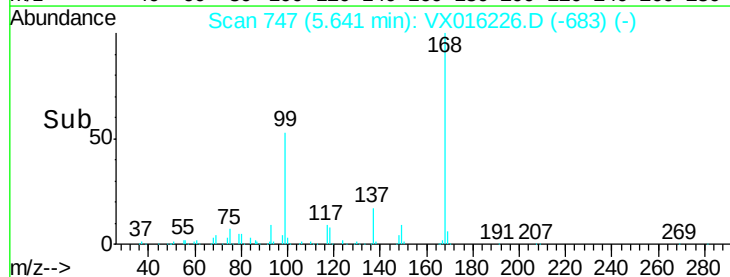
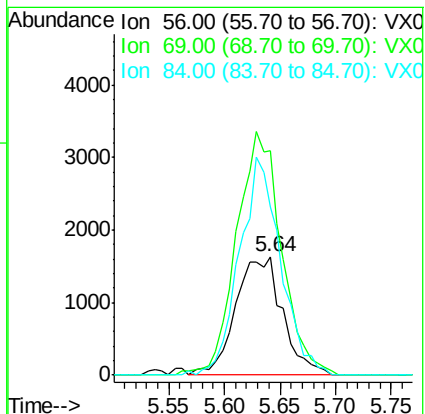
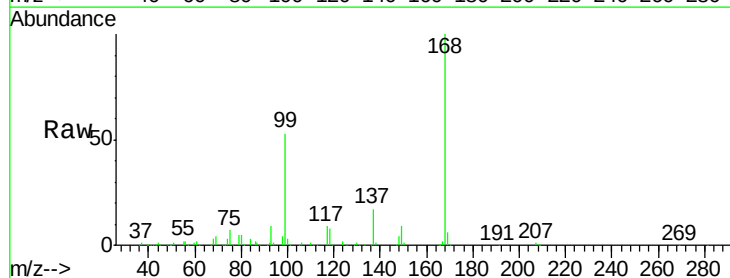
Tgt Ion: 56 Resp: 4774

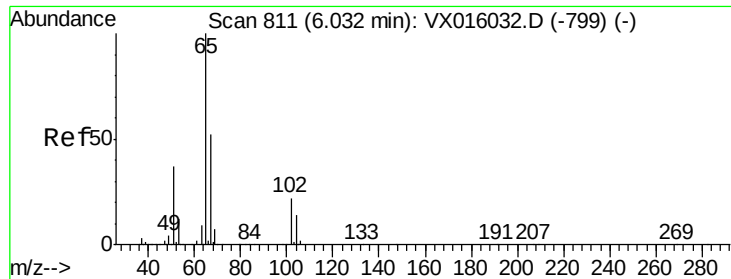
Ion Ratio Lower Upper

56 100

69 189.5 25.0 37.6#

84 142.4 69.0 103.6#

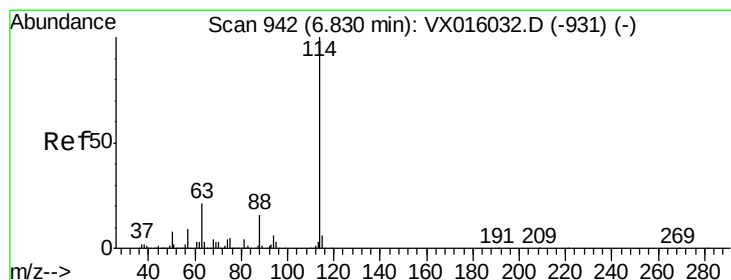
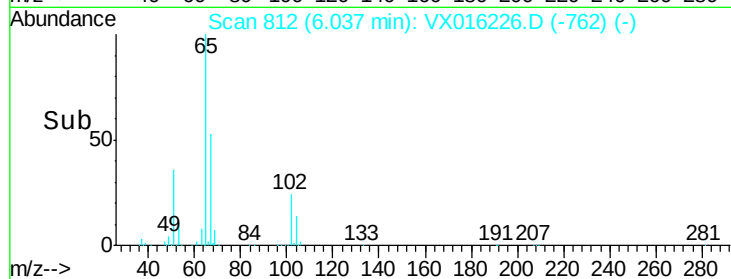
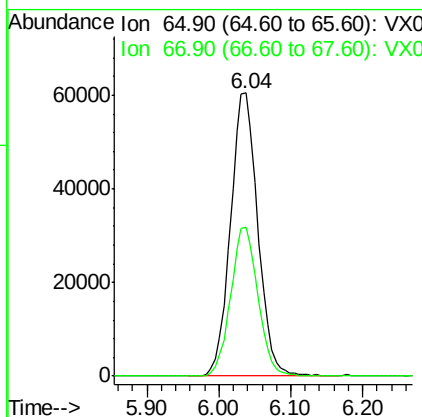
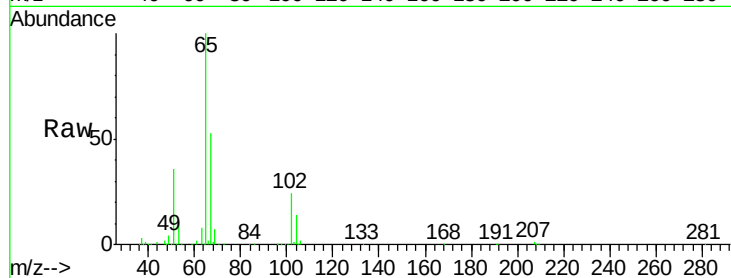




#33
 1,2-Dichloroethane-d4
 Concen: 47.68 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016226.D
 Acq: 14 May 2020 13:22

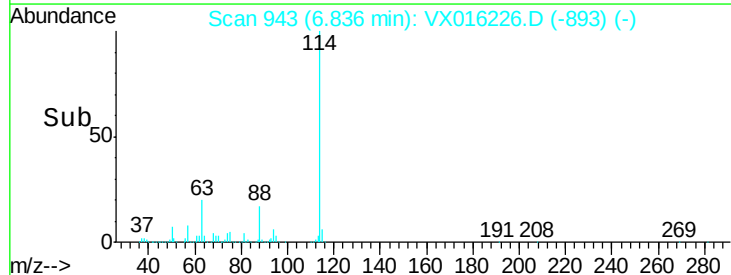
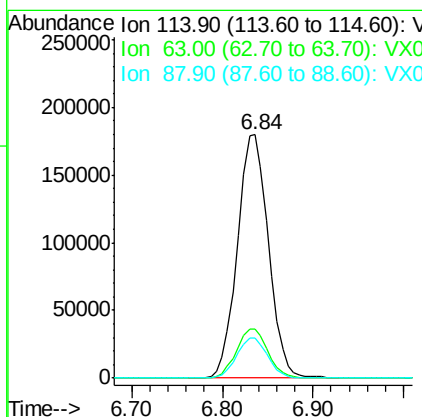
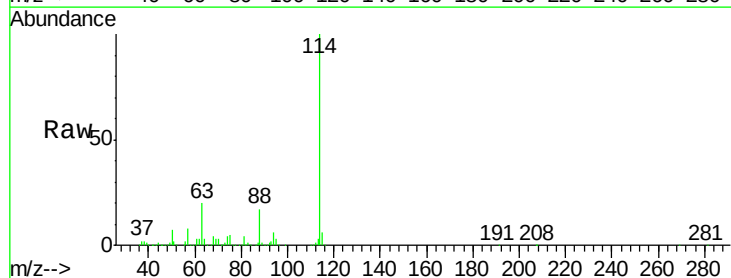
Instrument :
 MSVOA_X
 ClientSampleId :
 E-1U

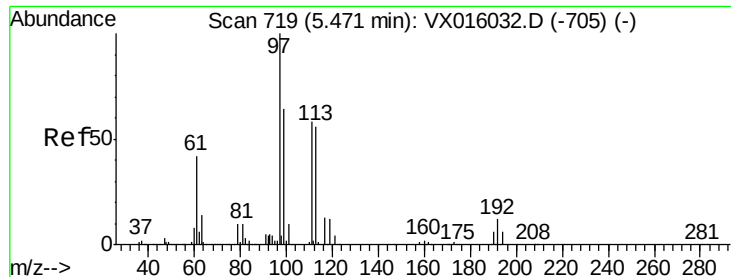
Tgt Ion: 65 Resp: 159360
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016226.D
 Acq: 14 May 2020 13:22

Tgt Ion: 114 Resp: 427084
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 16.6 0.0 31.4

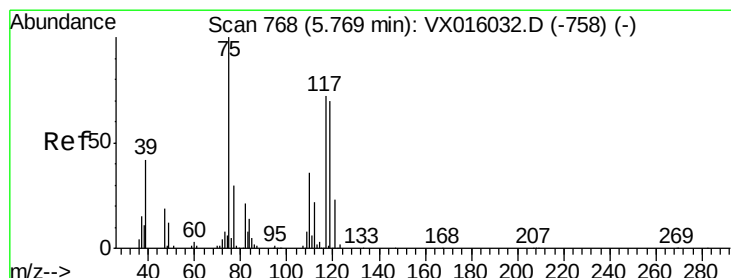
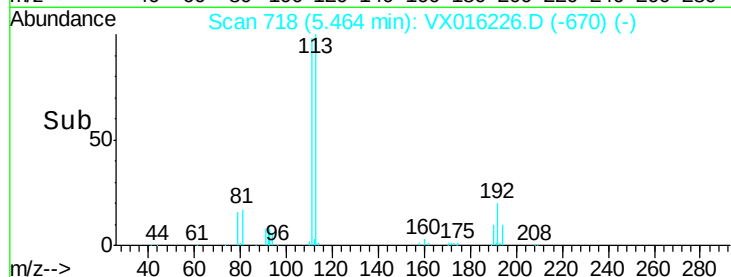
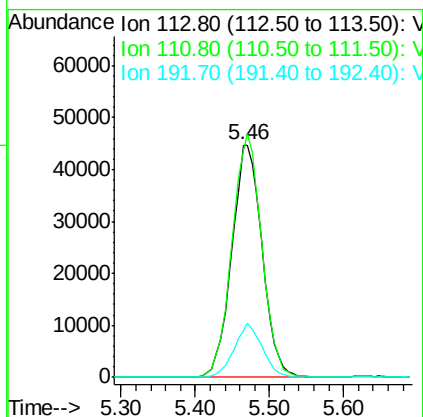
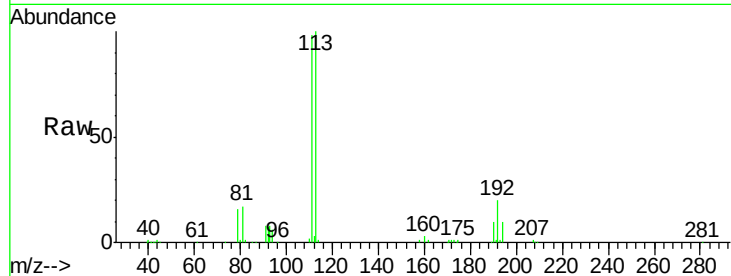




#35
 Dibromofluoromethane
 Concen: 47.23 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016226.D
 Acq: 14 May 2020 13:22

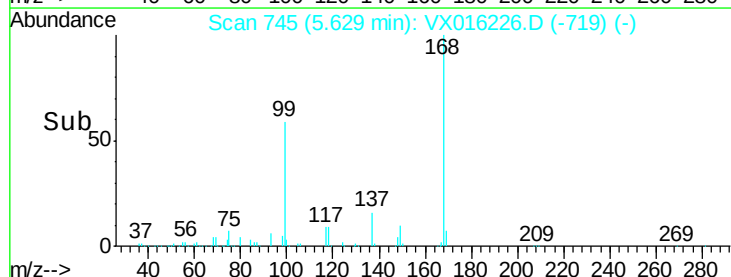
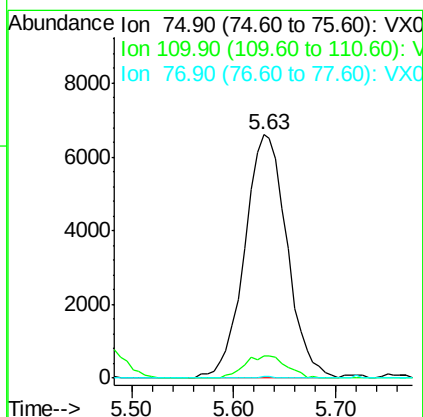
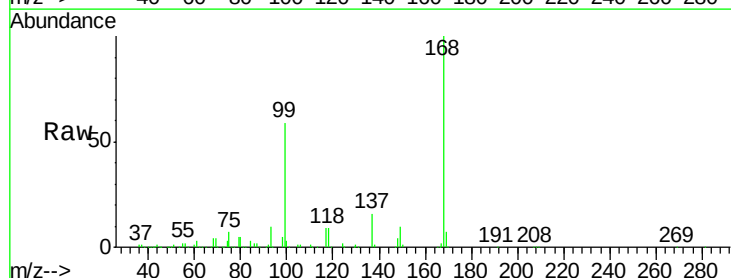
Instrument :
 MSVOA_X
 ClientSampleId :
 E-1U

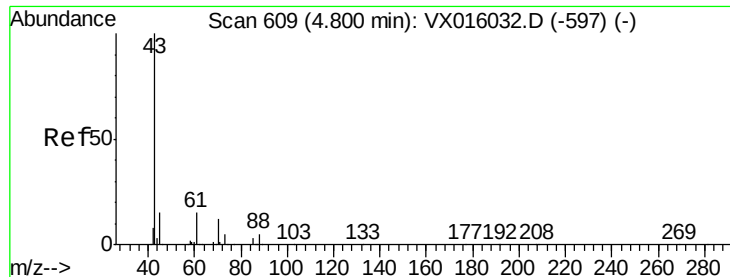
Tgt Ion:113 Resp: 127793
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 21.6 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.52 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016226.D
 Acq: 14 May 2020 13:22

Tgt Ion: 75 Resp: 19021
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.1#
 77 0.2 25.0 37.6#





#37

Ethyl Acetate

Concen: 11.82 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

E-1U

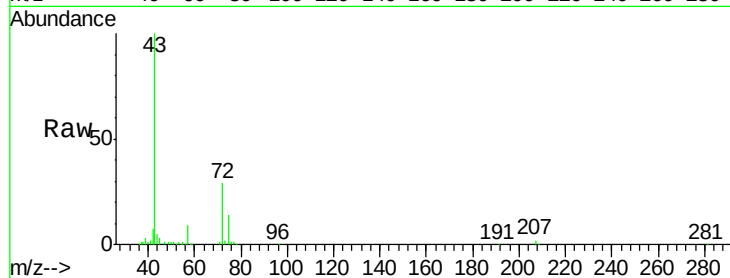
Tgt Ion: 43 Resp: 57600

Ion Ratio Lower Upper

43 100

61 0.2 11.7 17.5#

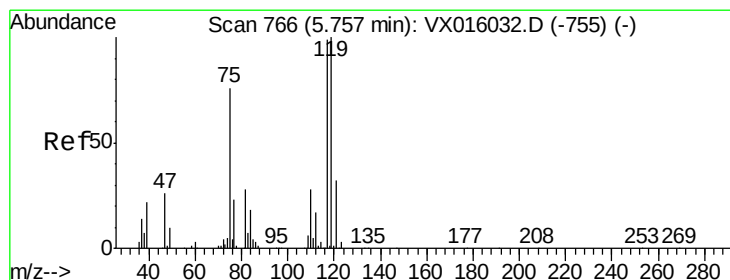
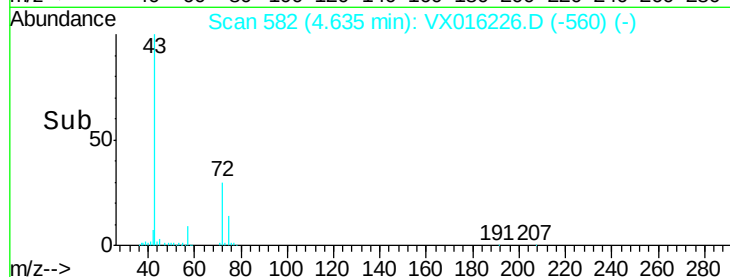
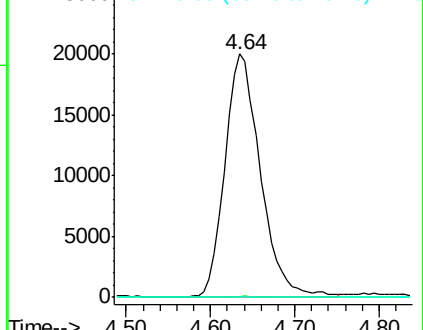
70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.71 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

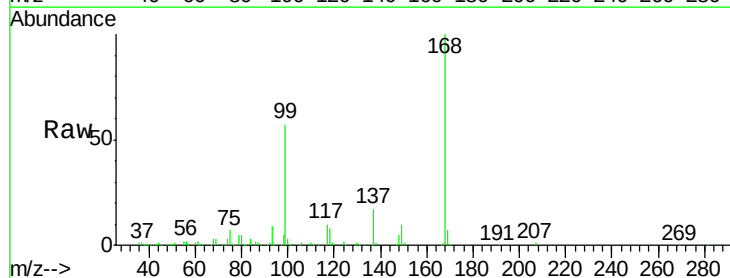
Tgt Ion: 117 Resp: 24405

Ion Ratio Lower Upper

117 100

119 5.7 80.3 120.5#

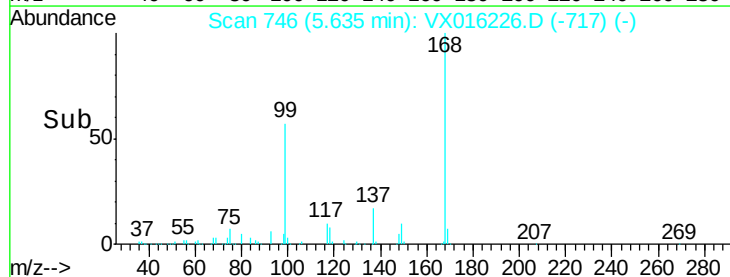
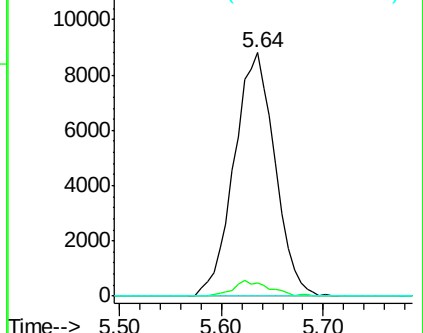
121 0.0 25.7 38.5#

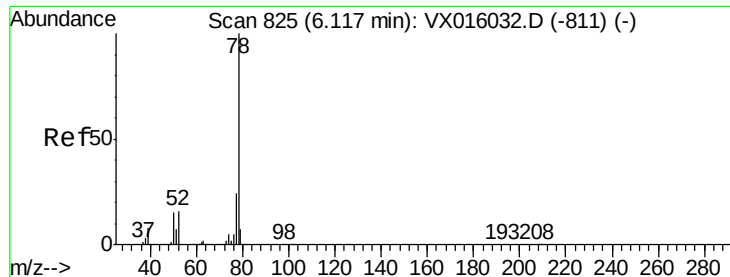


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 1.81 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

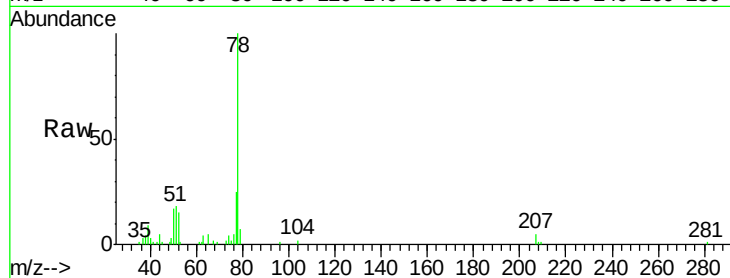
E-1U

Tgt Ion: 78 Resp: 22256

Ion Ratio Lower Upper

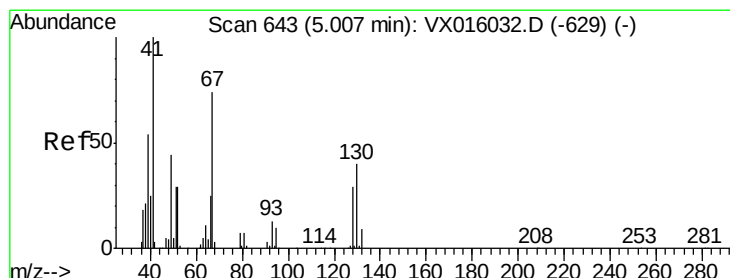
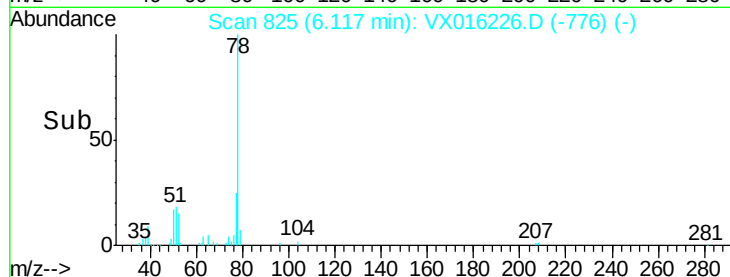
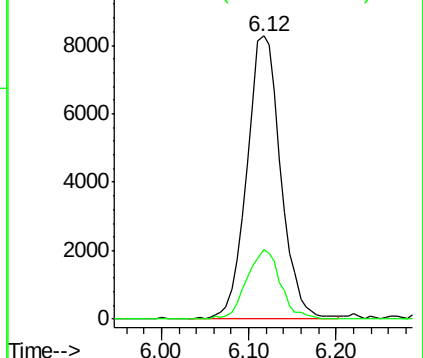
78 100

77 24.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 29.35 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.08 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Tgt Ion: 41 Resp: 77226

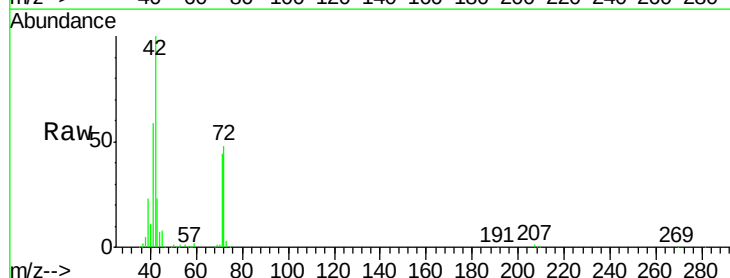
Ion Ratio Lower Upper

41 100

39 39.9 43.2 64.8#

67 0.0 59.3 88.9#

52 0.1 23.5 35.3#

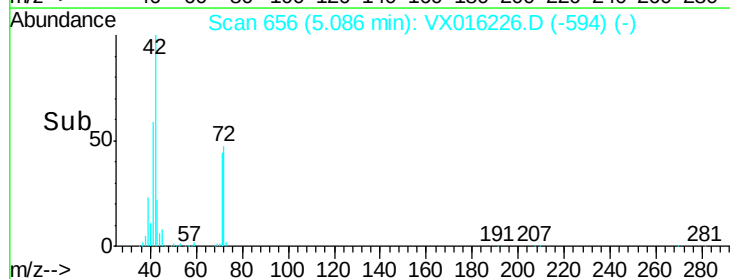
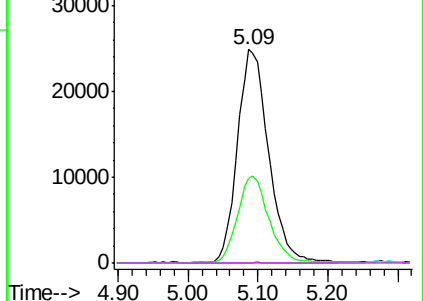


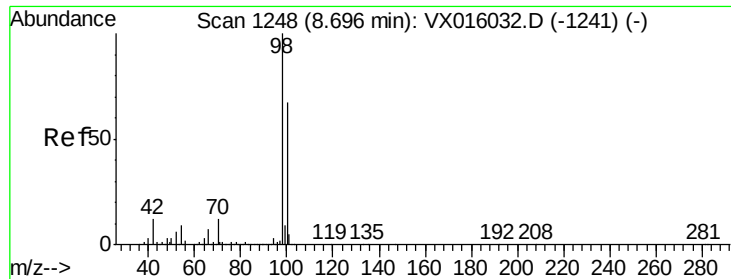
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#50

Toluene-d8

Concen: 50.70 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

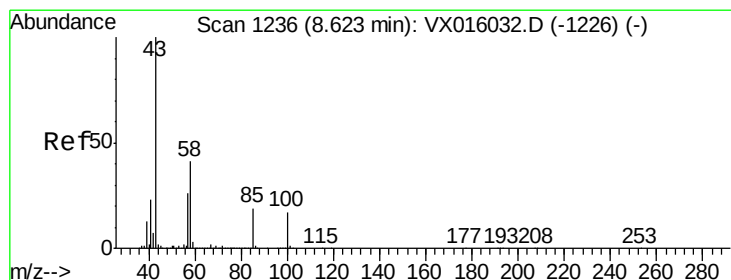
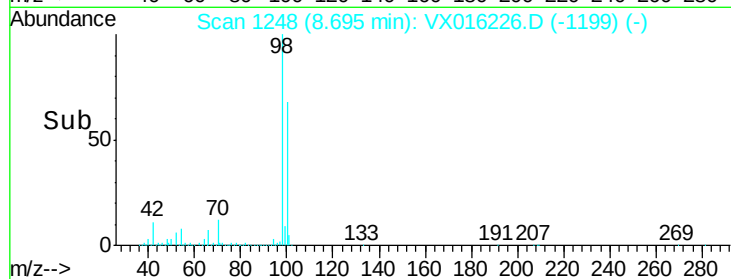
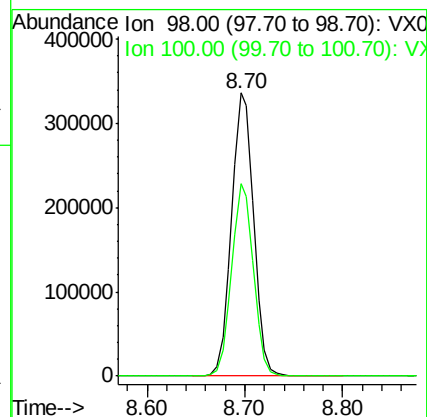
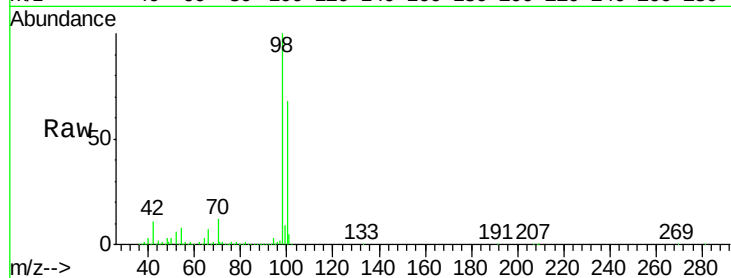
E-1U

Tgt Ion: 98 Resp: 528544

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016226.D

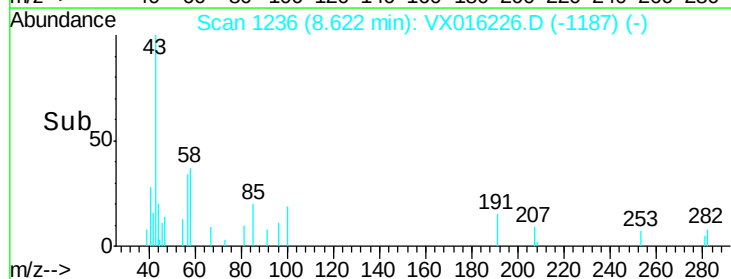
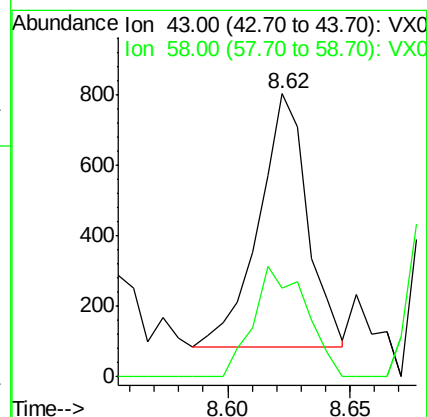
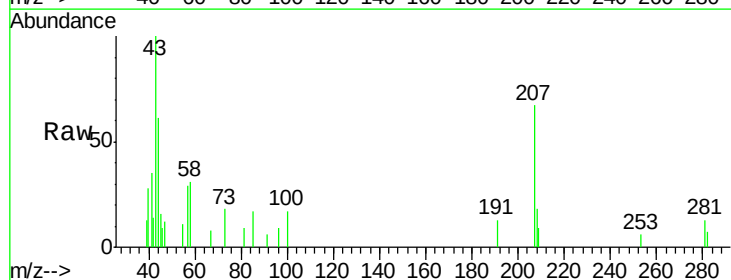
Acq: 14 May 2020 13:22

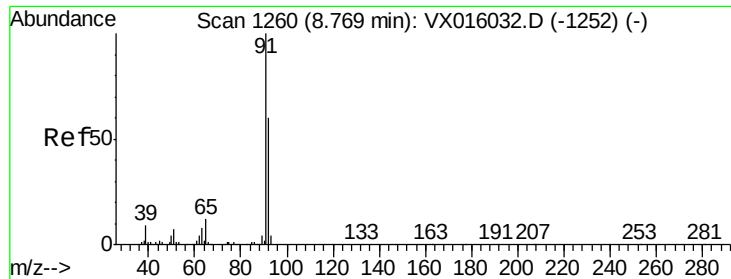
Tgt Ion: 43 Resp: 995

Ion Ratio Lower Upper

43 100

58 47.2 33.0 49.4





#52

Toluene

Concen: 0.88 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

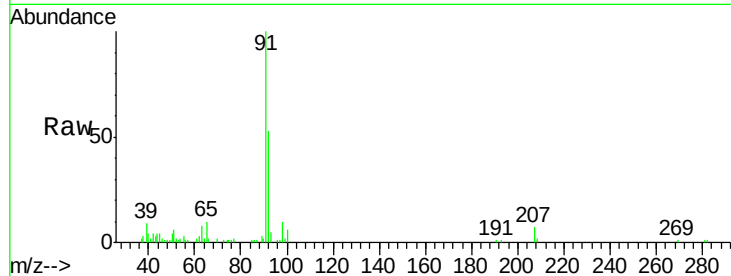
E-1U

Tgt Ion: 92 Resp: 6718

Ion Ratio Lower Upper

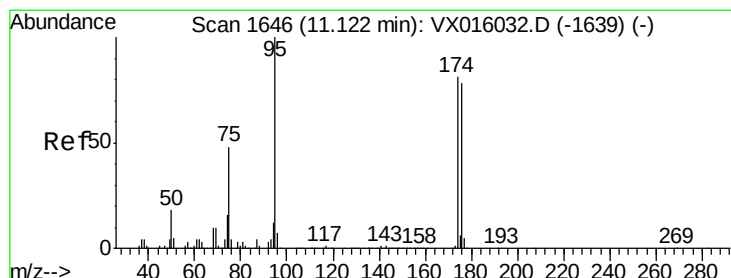
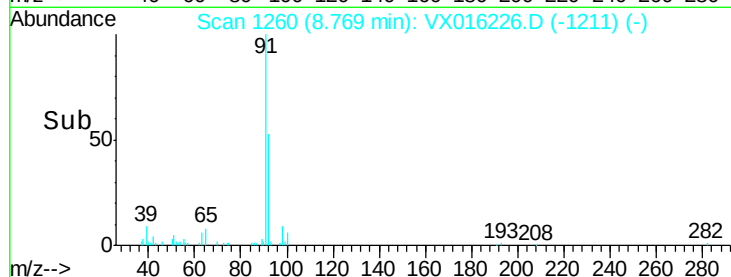
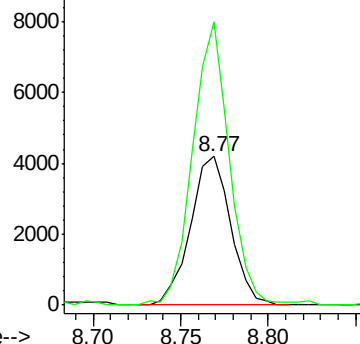
92 100

91 173.6 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.03 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

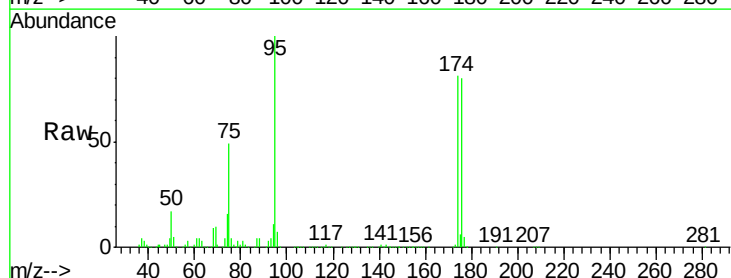
Tgt Ion: 95 Resp: 214231

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.4

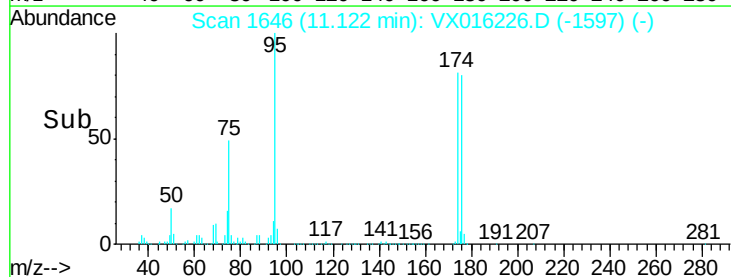
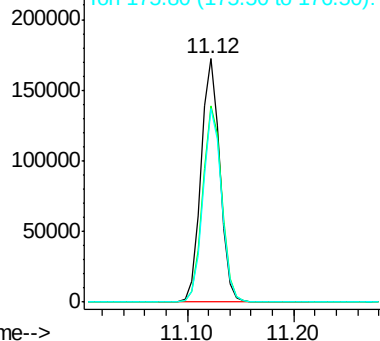
176 78.7 0.0 157.6

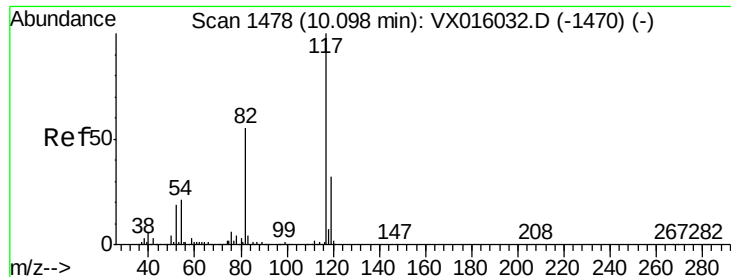


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

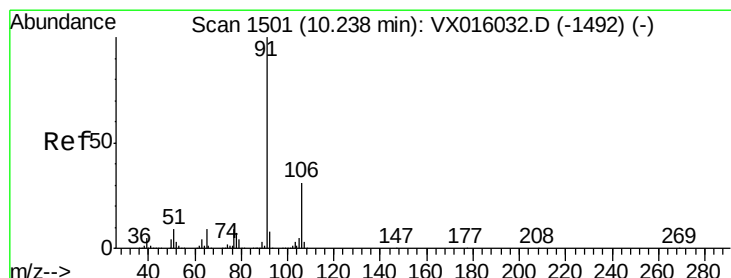
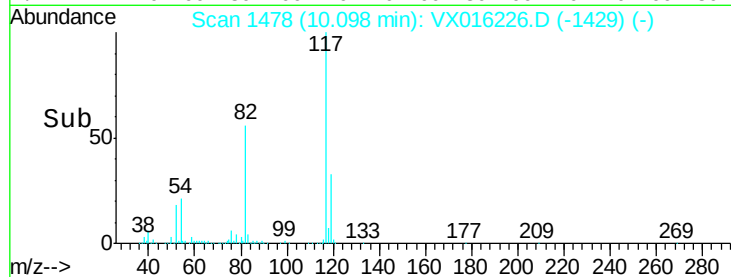
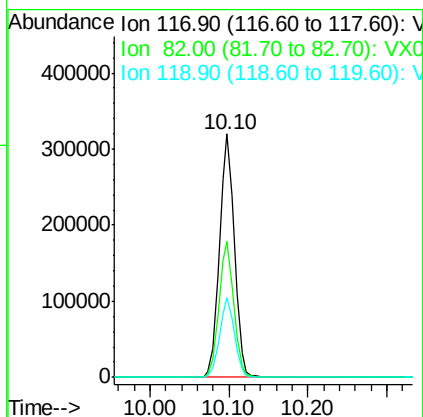
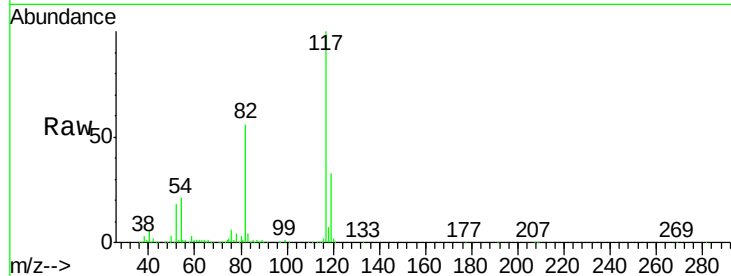




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016226.D
Acq: 14 May 2020 13:22

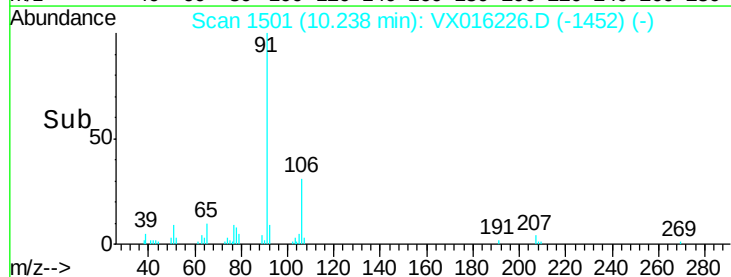
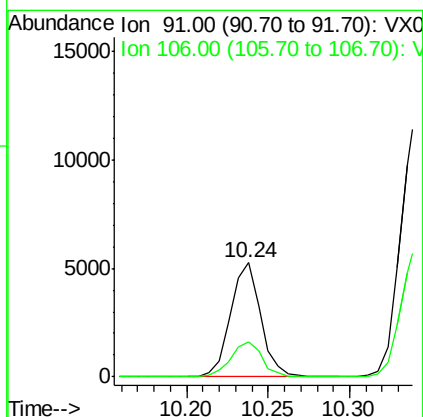
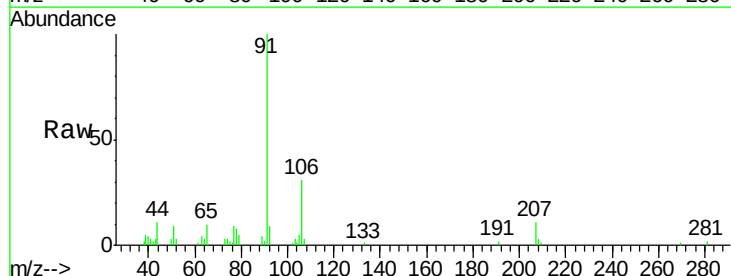
Instrument :
MSVOA_X
ClientSampleId :
E-1U

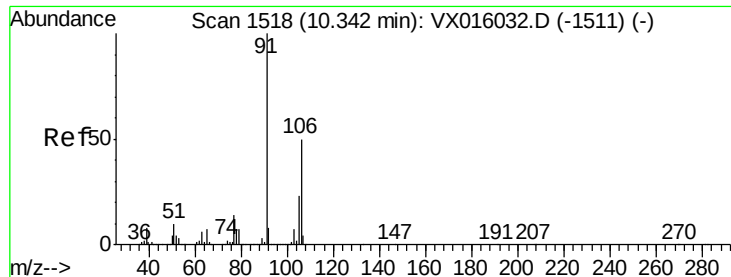
Tgt Ion: 117 Resp: 423840
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 32.7 25.5 38.3



#67
Ethyl Benzene
Concen: 0.43 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016226.D
Acq: 14 May 2020 13:22

Tgt Ion: 91 Resp: 6762
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7





#68

m/p-Xylenes

Concen: 1.46 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

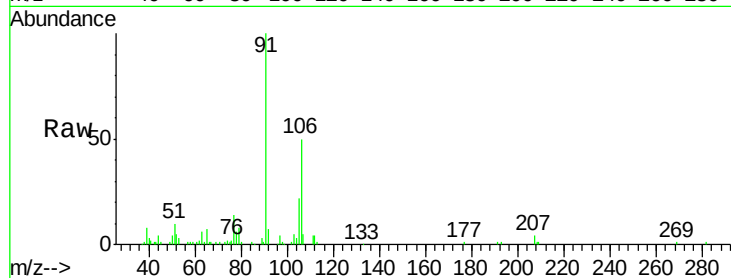
E-1U

Tgt Ion:106 Resp: 8662

Ion Ratio Lower Upper

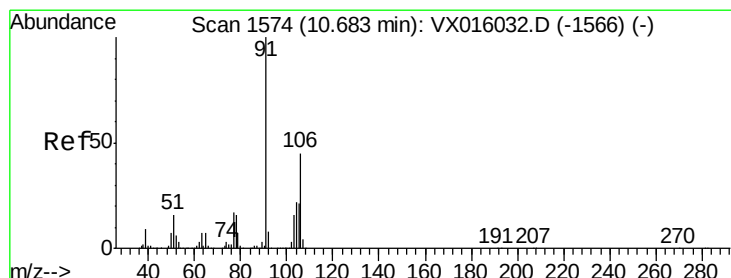
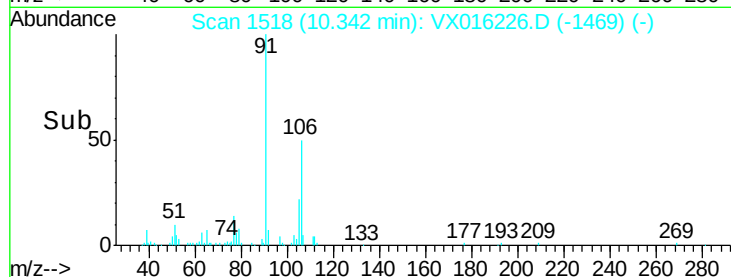
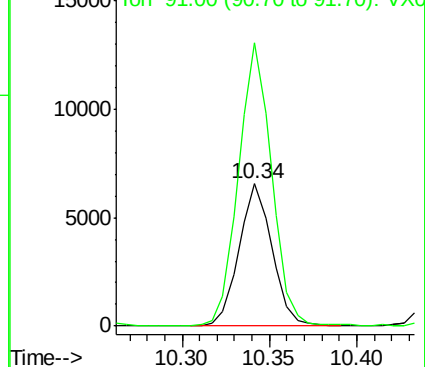
106 100

91 198.8 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.85 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016226.D

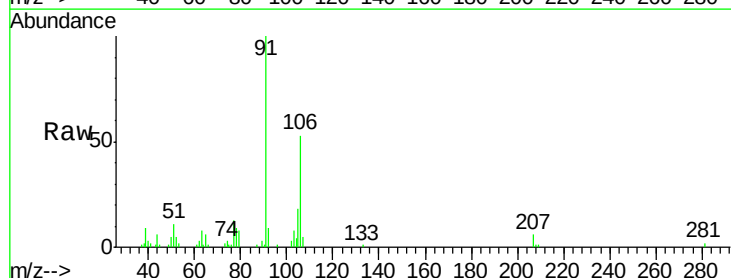
Acq: 14 May 2020 13:22

Tgt Ion:106 Resp: 4865

Ion Ratio Lower Upper

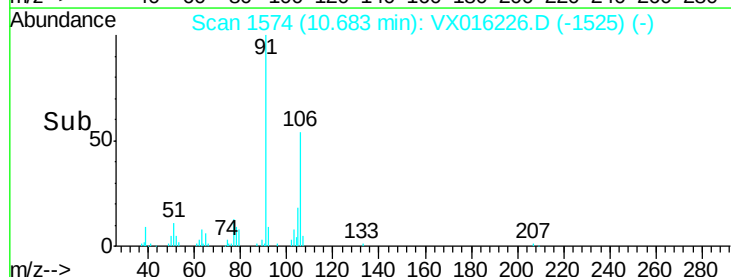
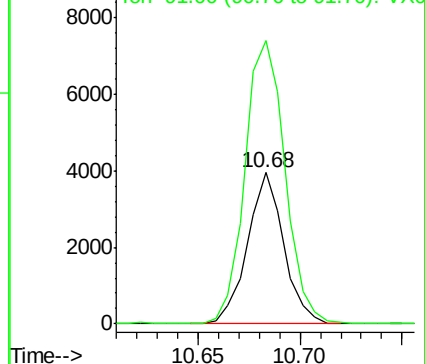
106 100

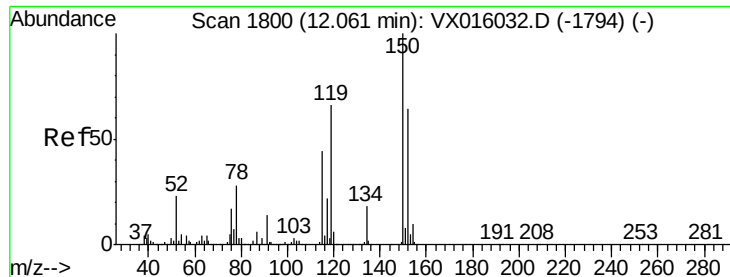
91 207.4 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

E-1U

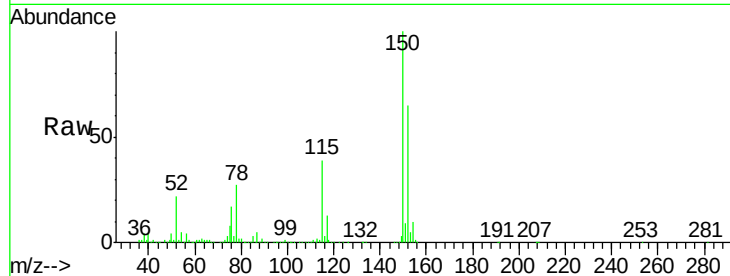
Tgt Ion: 152 Resp: 215489

Ion Ratio Lower Upper

152 100

115 59.6 41.3 124.1

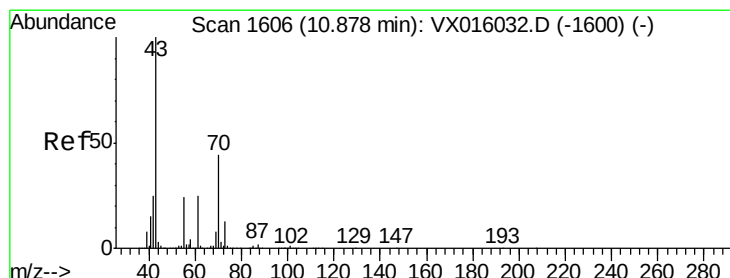
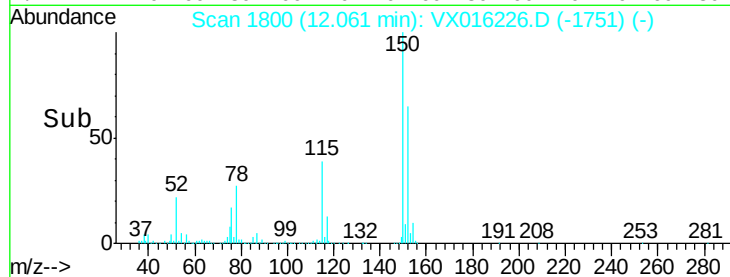
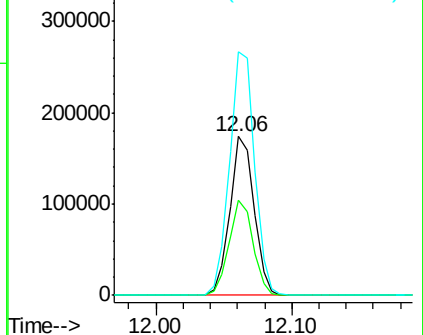
150 158.7 0.0 352.2



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



#74

N-ethyl acetate

Concen: 0.22 ug/l

RT: 10.91 min Scan# 1612

Delta R.T. 0.04 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Tgt Ion: 43 Resp: 1642

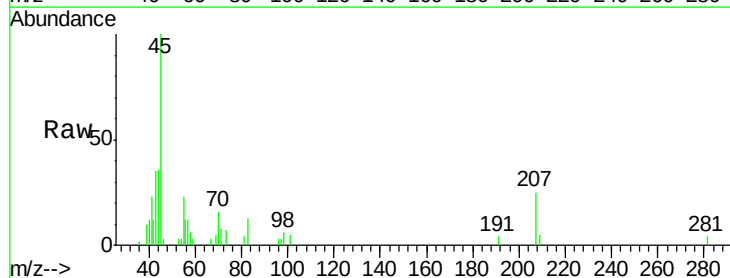
Ion Ratio Lower Upper

43 100

70 43.7 36.5 54.7

55 85.3 19.7 29.5#

61 0.0 20.9 31.3#

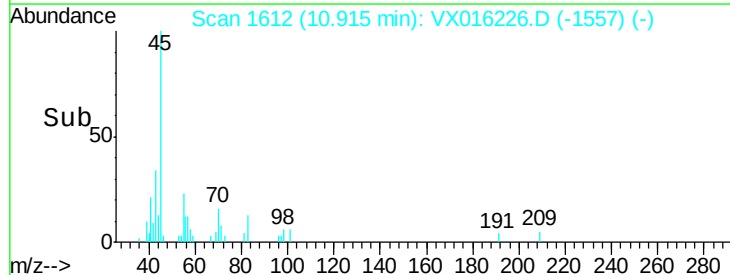
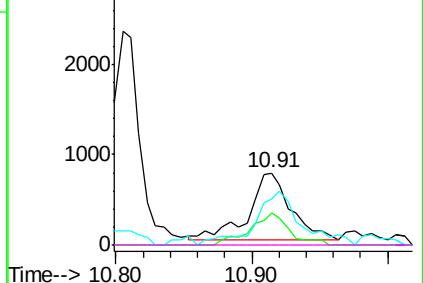


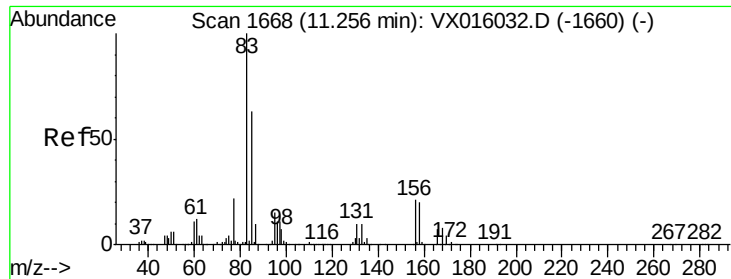
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.08 ug/l

RT: 11.32 min Scan# 1678

Delta R.T. 0.06 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

E-1U

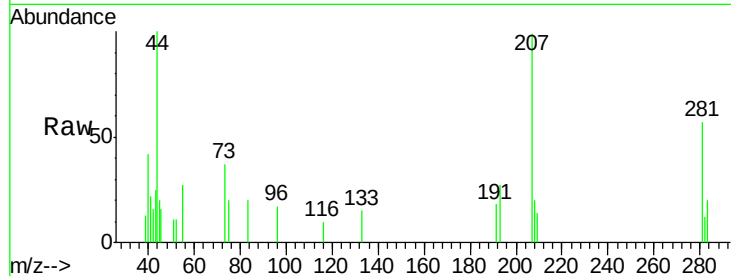
Tgt Ion: 83 Resp: 99

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

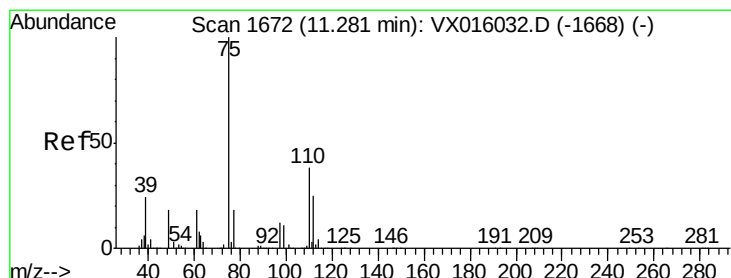
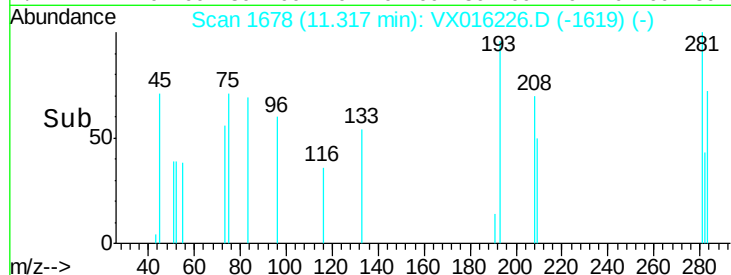
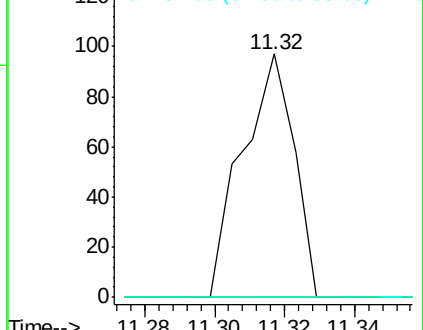
85 0.0 32.0 96.0#



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: 21.46 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016226.D

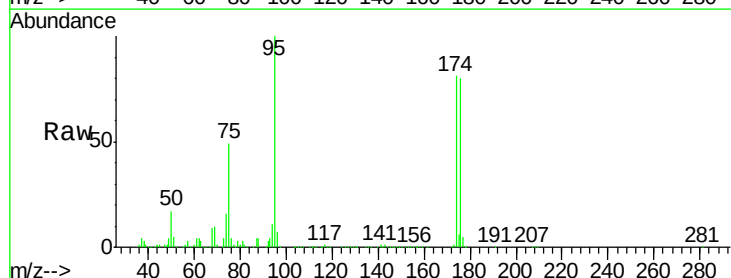
Acq: 14 May 2020 13:22

Tgt Ion: 75 Resp: 104961

Ion Ratio Lower Upper

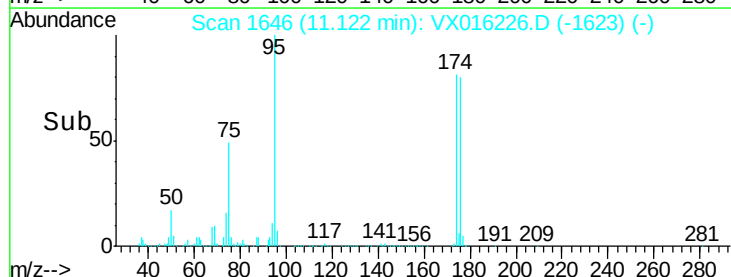
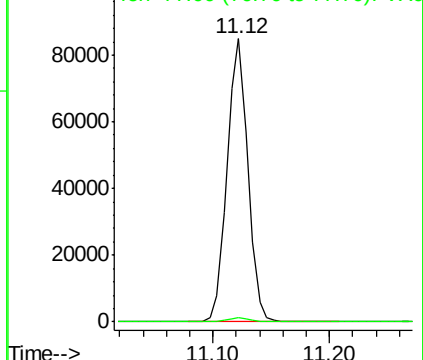
75 100

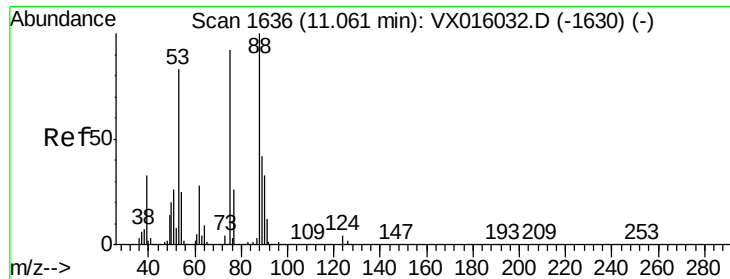
77 1.6 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.15 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

E-1U

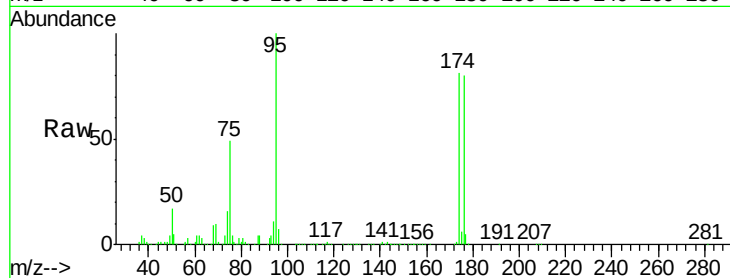
Tgt Ion: 75 Resp: 104961

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

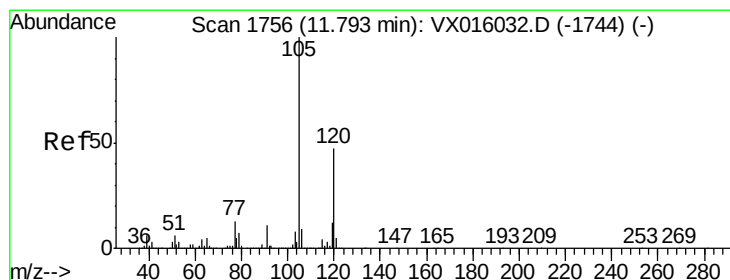
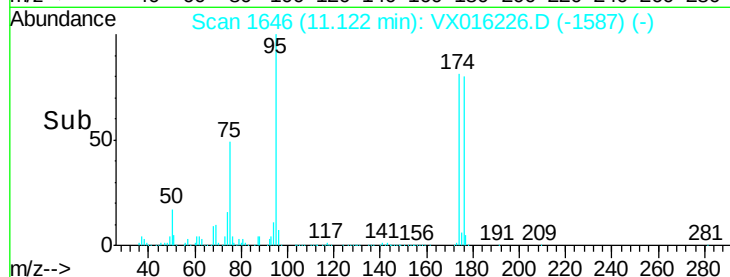
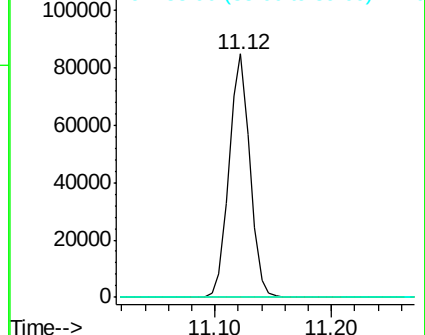
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.55 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016226.D

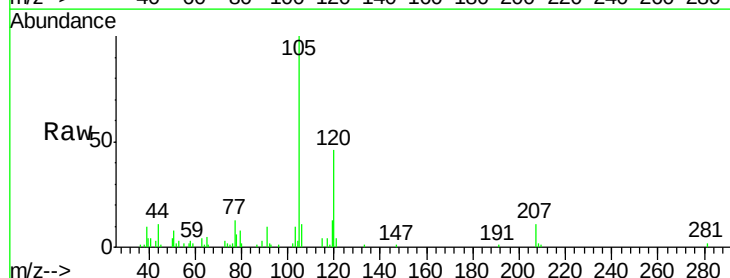
Acq: 14 May 2020 13:22

Tgt Ion:105 Resp: 7345

Ion Ratio Lower Upper

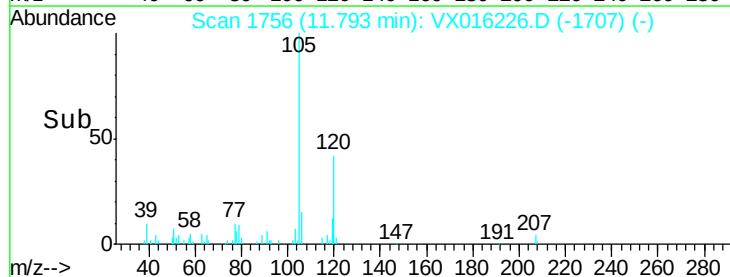
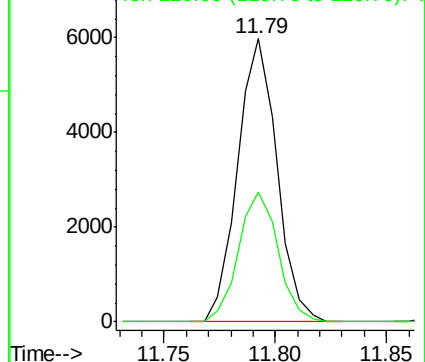
105 100

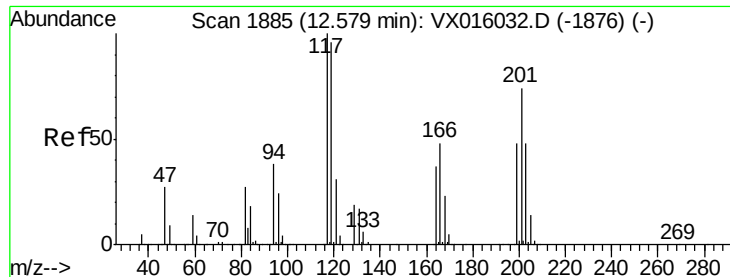
120 46.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.55 ug/l

RT: 12.74 min Scan# 1911

Delta R.T. 0.16 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

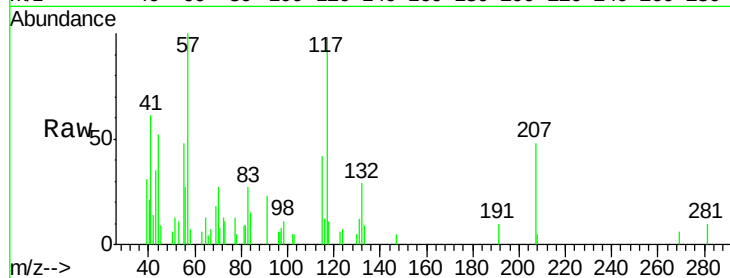
E-1U

Tgt Ion:117 Resp: 1361

Ion Ratio Lower Upper

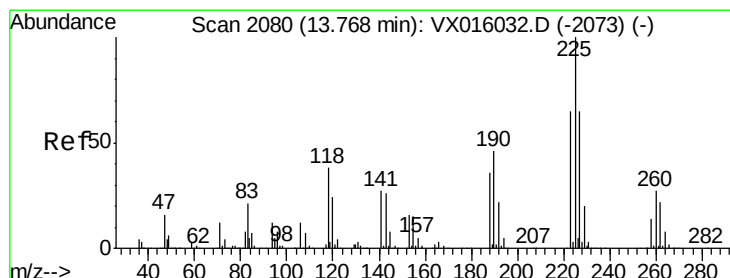
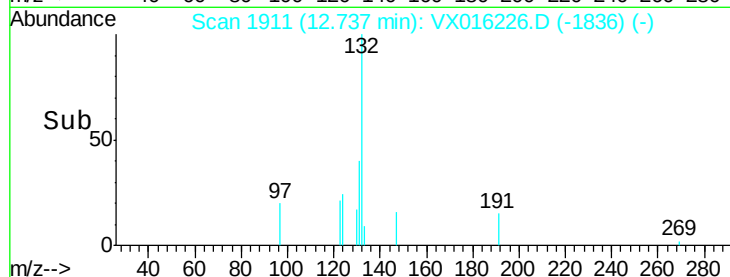
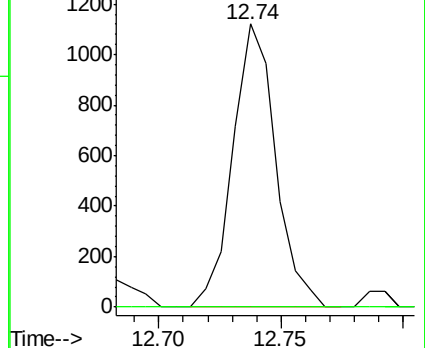
117 100

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



#94

Hexachlorobutadiene

Concen: 0.57 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

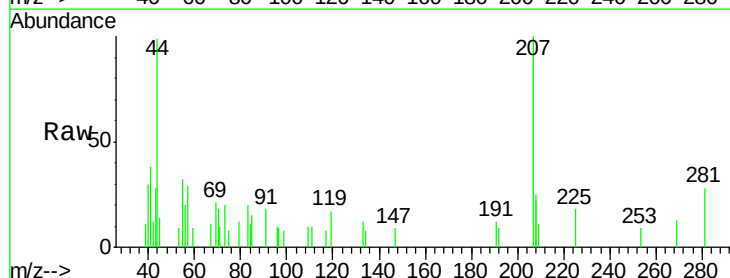
Tgt Ion:225 Resp: 103

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.9#

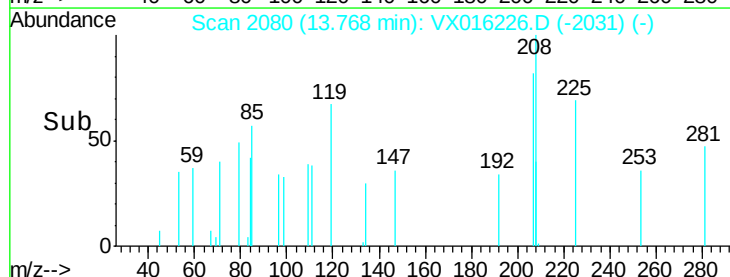
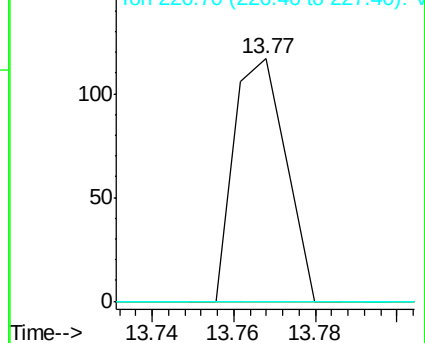
227 0.0 31.8 95.4#

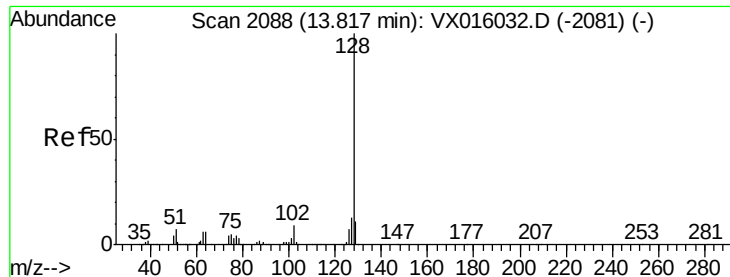


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.79 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016226.D

Acq: 14 May 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

E-1U

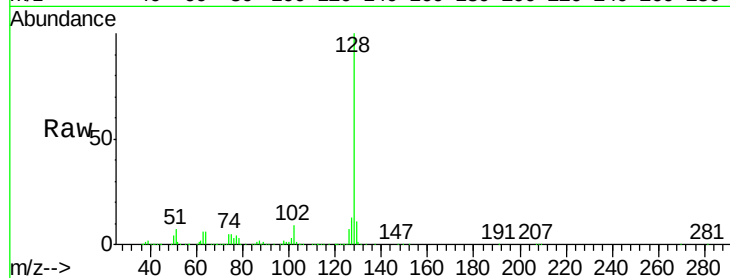
Tgt Ion:128 Resp: 331864

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.6 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

