

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019690.D
 Acq On : 01 Dec 2020 13:14
 Operator : JC/MD
 Sample : PB133320TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133320TB

Quant Time: Dec 02 02:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	283899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169319	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	178323	48.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.88%	
35) Dibromofluoromethane		5.46	113	143003	48.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.48%	
50) Toluene-d8		8.70	98	561758	49.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.54%	
62) 4-Bromofluorobenzene		11.12	95	191316	46.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.28%	

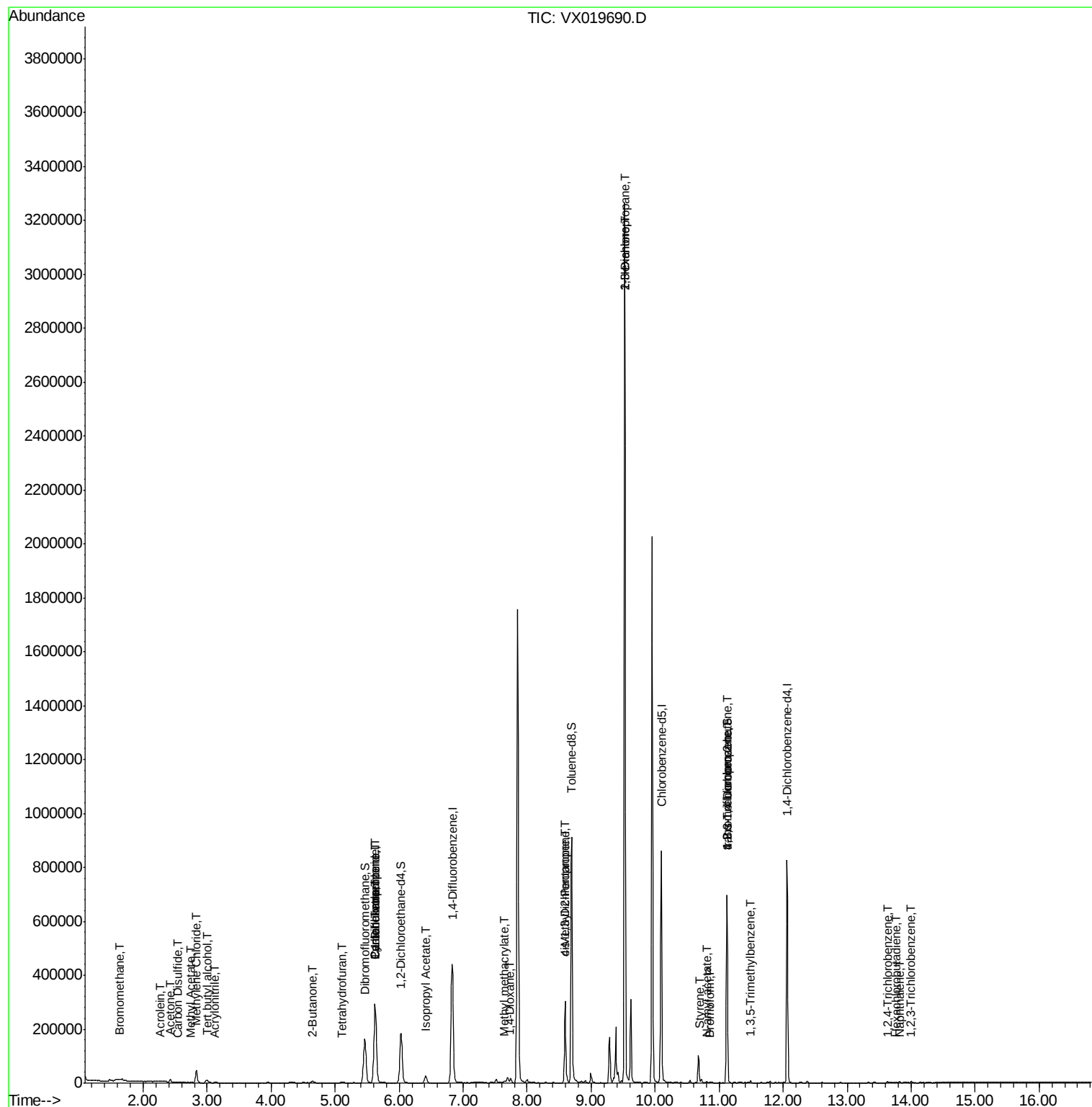
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	271	0.210	ug/l	83
6) Chloroethane	1.67	64	192	Below Cal	#	15
11) Tert butyl alcohol	3.00	59	8354	11.992	ug/l #	77
13) Acrolein	2.27	56	345	0.737	ug/l	85
15) Acrylonitrile	3.12	53	612	0.373	ug/l	94
16) Acetone	2.42	43	10716	7.528	ug/l	98
17) Carbon Disulfide	2.54	76	2106	0.278	ug/l #	84
18) Methyl Acetate	2.75	43	1672	1.107	ug/l	96
20) Methylene Chloride	2.83	84	22278	6.262	ug/l	97
25) 2-Butanone	4.64	43	8043	3.761	ug/l	98
29) Tetrahydrofuran	5.10	42	2466	1.807	ug/l #	78
31) Cyclohexane	5.62	56	5756	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	21500	4.907	ug/l #	49
38) Carbon Tetrachloride	5.63	117	27280	6.432	ug/l #	16
43) Isopropyl Acetate	6.42	43	32956	4.766	ug/l	100
48) Methyl methacrylate	7.65	41	7722	2.384	ug/l #	9
49) 1,4-Dioxane	7.73	88	128	1.741	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	98105	24.329	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	53058	10.057	ug/l #	60
57) 1,3-Dichloropropane	9.52	76	28120	5.007	ug/l #	44
59) 2-Hexanone	9.52	43	332868	108.843	ug/l #	48
70) Styrene	10.69	104	734	1.718	ug/l #	90
71) Bromoform	10.84	173	56	3.623	ug/l #	28
74) N-amyl acetate	10.80	43	1828	0.416	ug/l #	45
76) 1,2,3-Trichloropropane	11.12	75	91722	24.823	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	2518	0.256	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	91722	65.601	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.63	180	1036	0.293	ug/l	99
94) Hexachlorobutadiene	13.77	225	529	0.328	ug/l	95
95) Naphthalene	13.82	128	2600	2.377	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	1010	0.285	ug/l	95

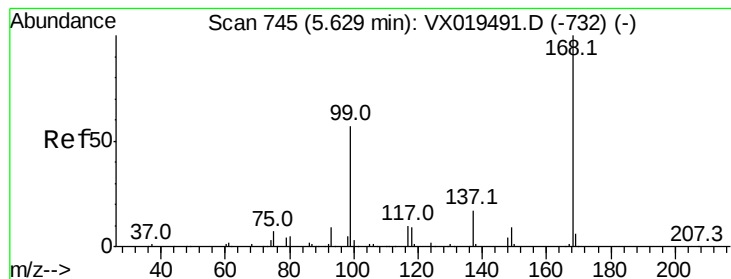
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

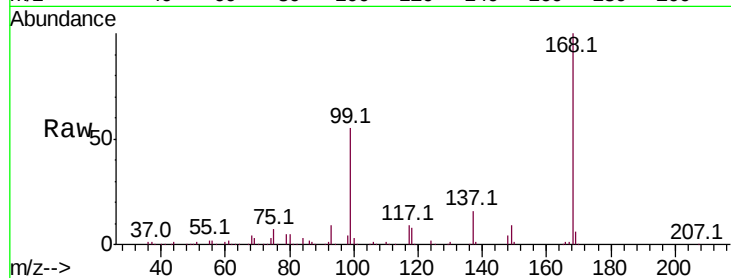
PB133320TB

Tot Ion:168 Resp: 283899

Ion Ratio Lower Upper

168 100

99 55.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

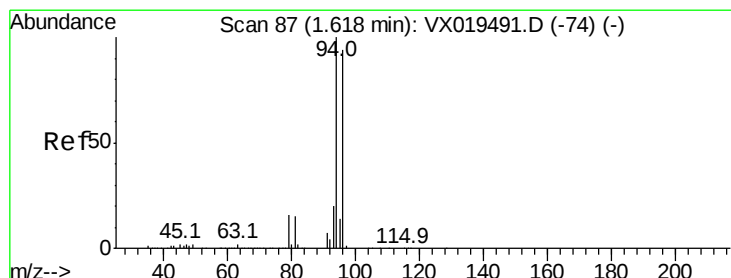
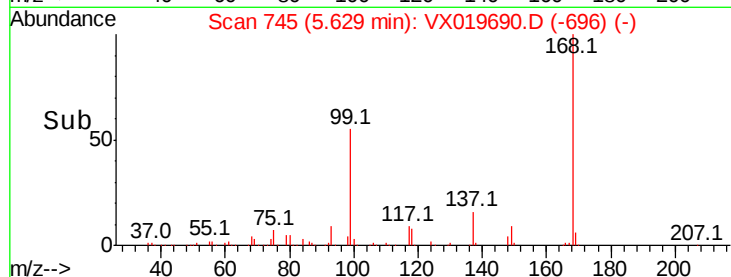
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.210 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019690.D

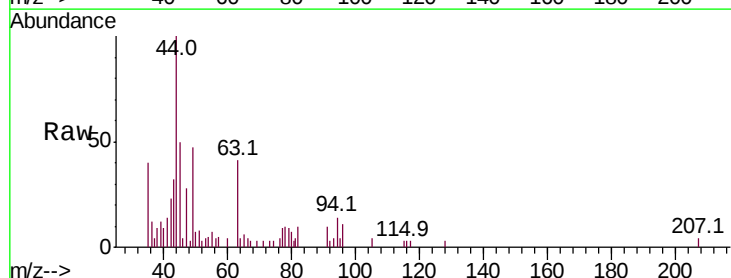
Acq: 01 Dec 2020 13:14

Tgt Ion: 94 Resp: 271

Ion Ratio Lower Upper

94 100

96 110.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

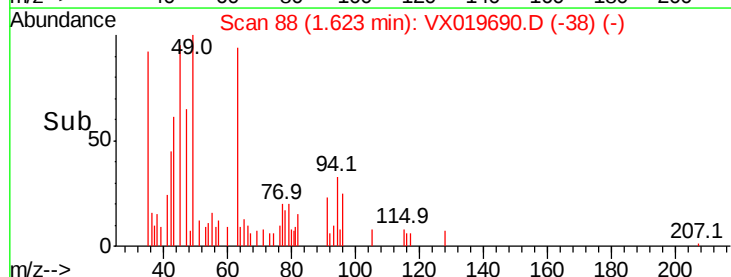
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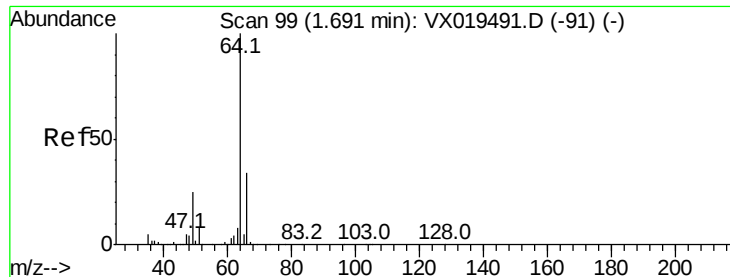
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 96

Delta R.T. -0.02 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

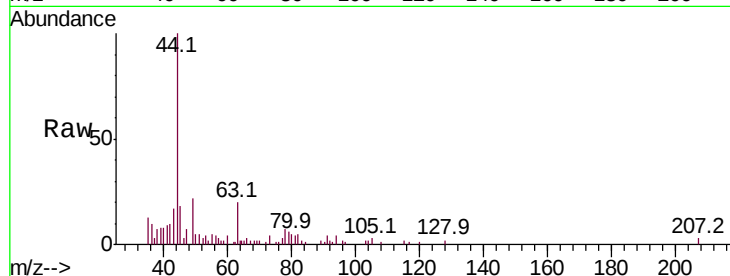
PB133320TB

Tot Ion: 64 Resp: 192

Ion Ratio Lower Upper

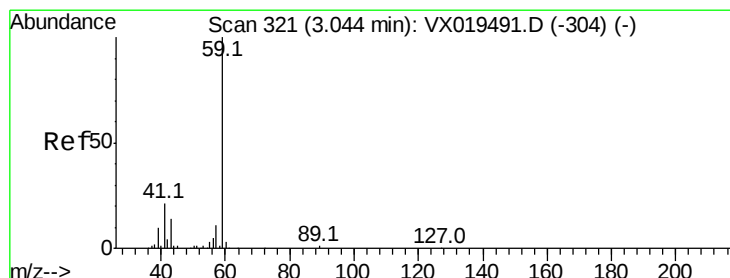
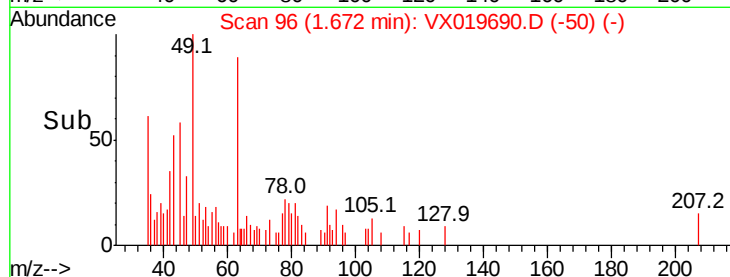
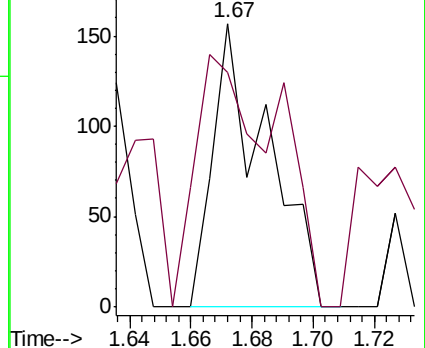
64 100

66 82.8 27.1 40.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 11.992 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.04 min

Lab File: VX019690.D

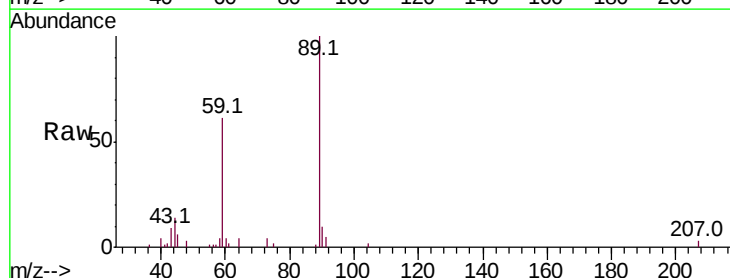
Acq: 01 Dec 2020 13:14

Tgt Ion: 59 Resp: 8354

Ion Ratio Lower Upper

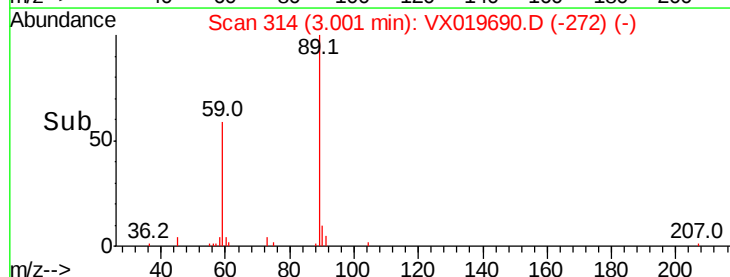
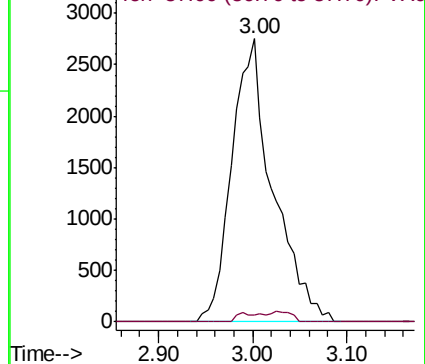
59 100

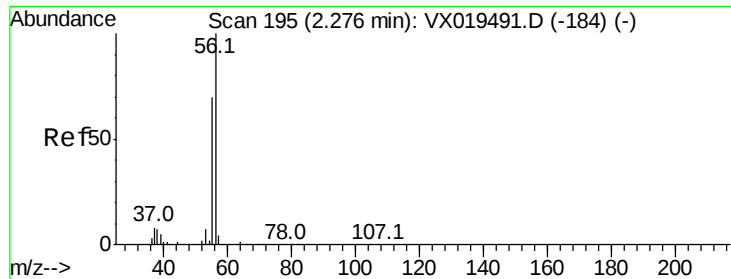
57 1.3 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.737 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

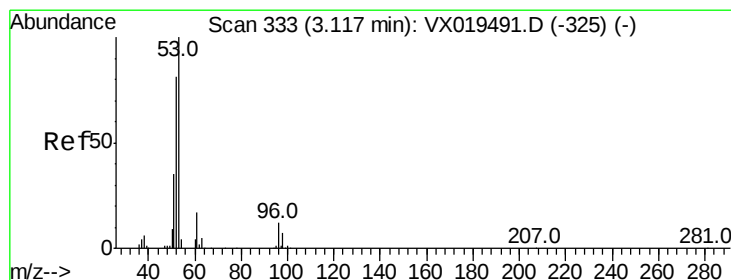
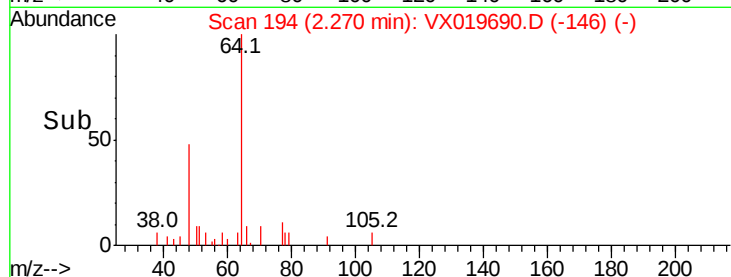
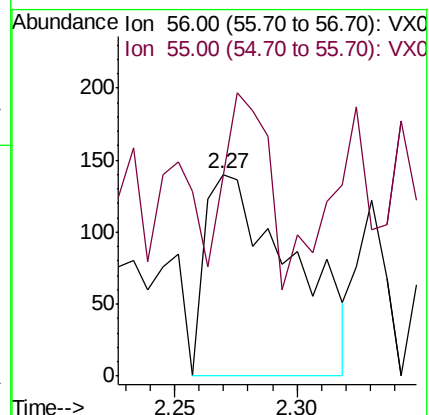
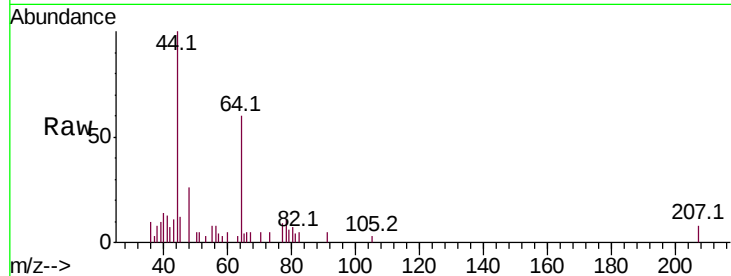
PB133320TB

Tot Ion: 56 Resp: 345

Ion Ratio Lower Upper

56 100

55 57.1 55.5 83.3



#15

Acrylonitrile

Concen: 0.373 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

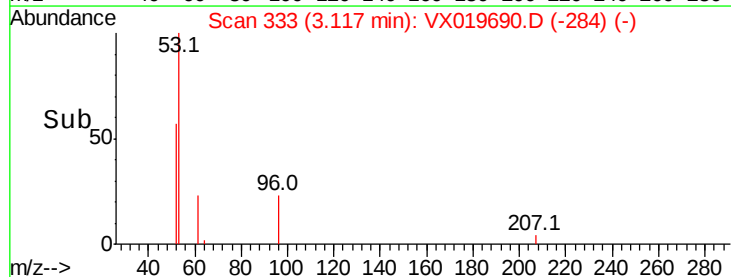
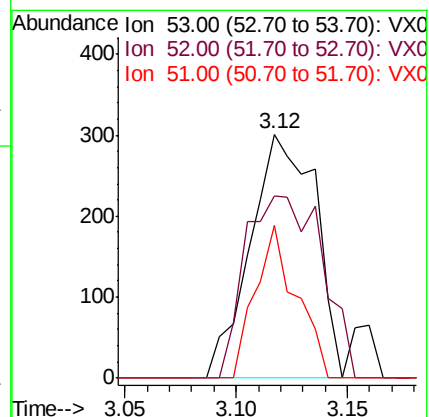
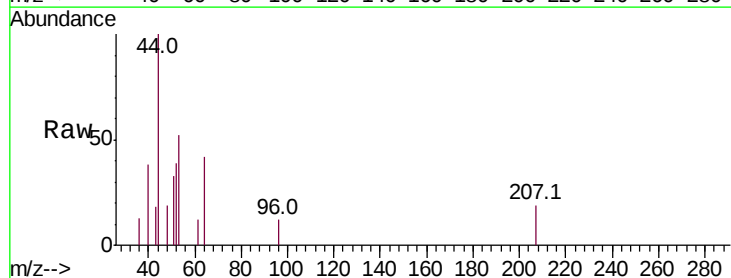
Tgt Ion: 53 Resp: 612

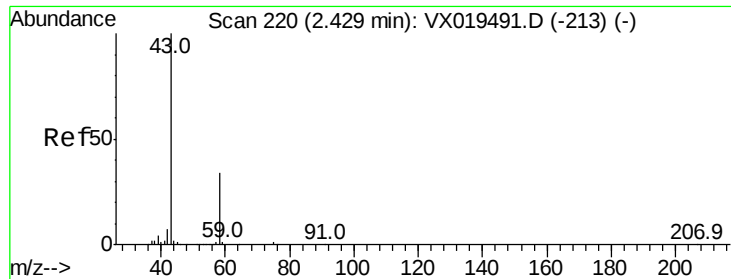
Ion Ratio Lower Upper

53 100

52 88.4 66.2 99.2

51 39.5 28.5 42.7





#16

Acetone

Concen: 7.528 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

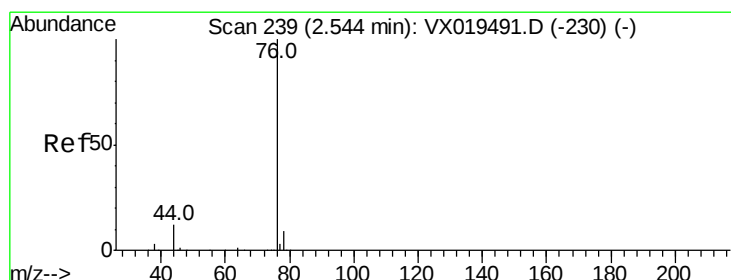
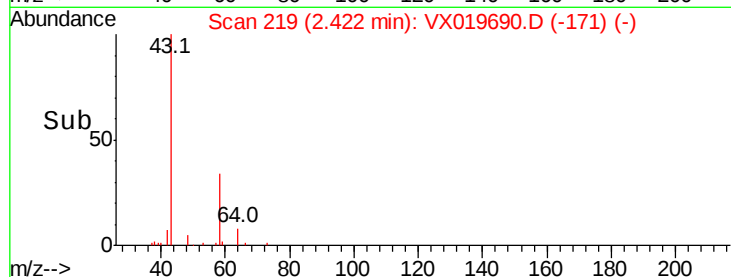
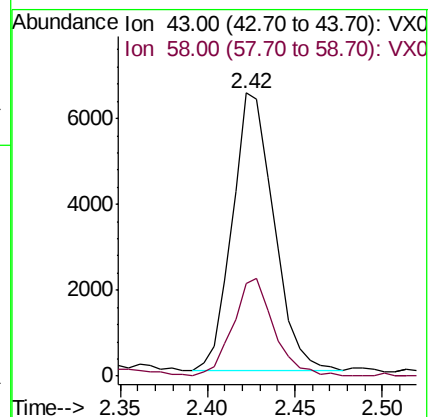
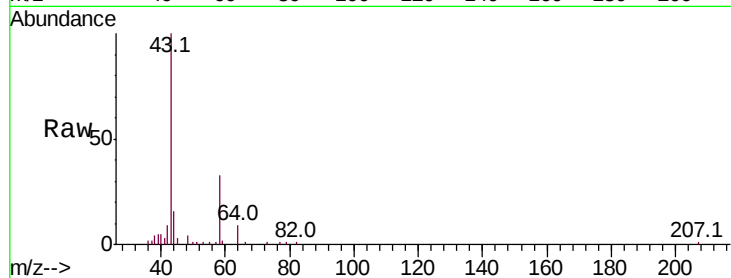
PB133320TB

Tot Ion: 43 Resp: 10716

Ion Ratio Lower Upper

43 100

58 33.3 27.4 41.2



#17

Carbon Disulfide

Concen: 0.278 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019690.D

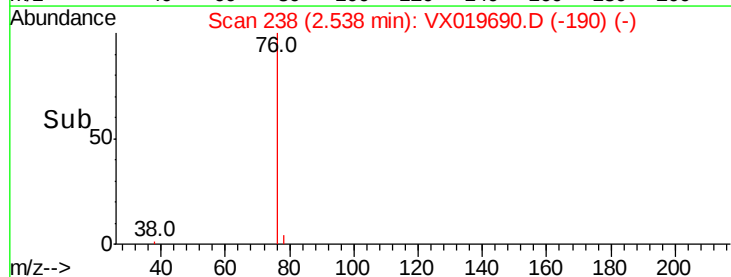
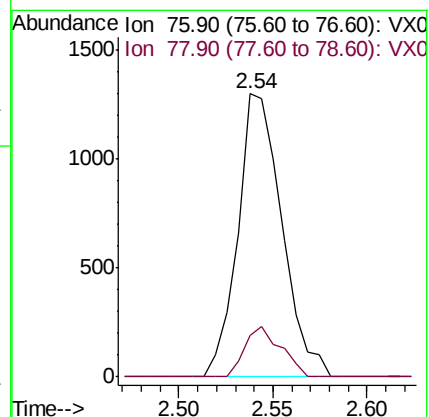
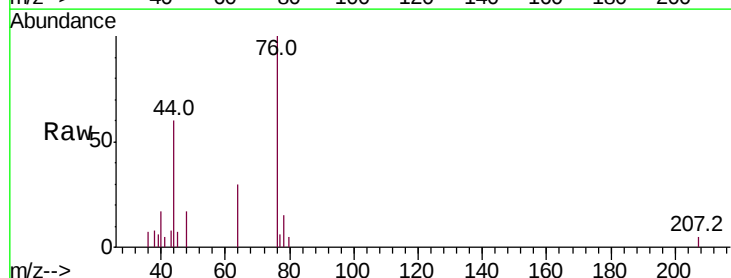
Acq: 01 Dec 2020 13:14

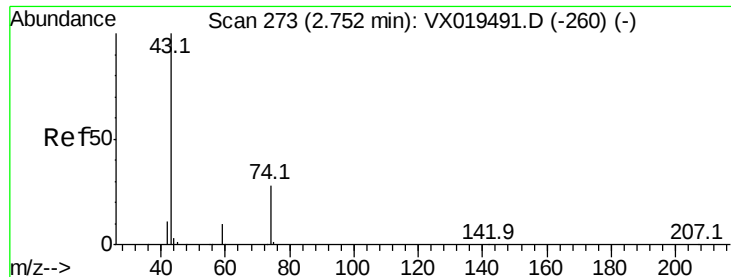
Tgt Ion: 76 Resp: 2106

Ion Ratio Lower Upper

76 100

78 14.6 7.2 10.8#

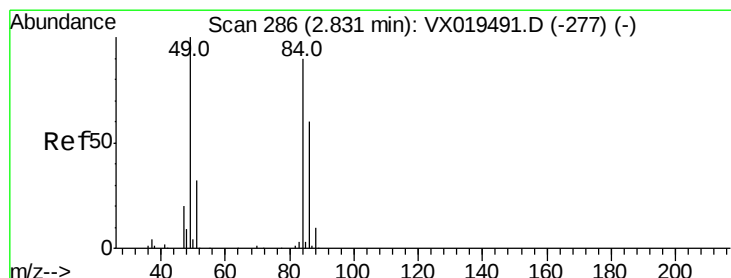
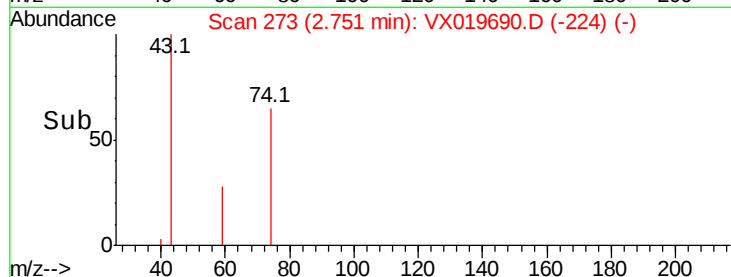
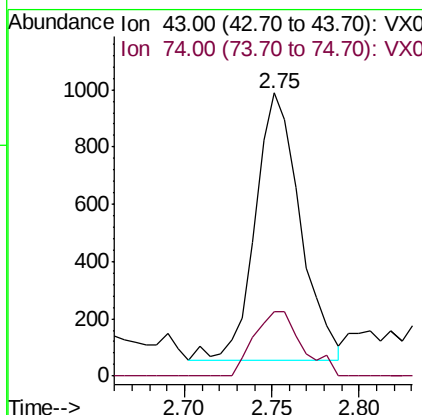
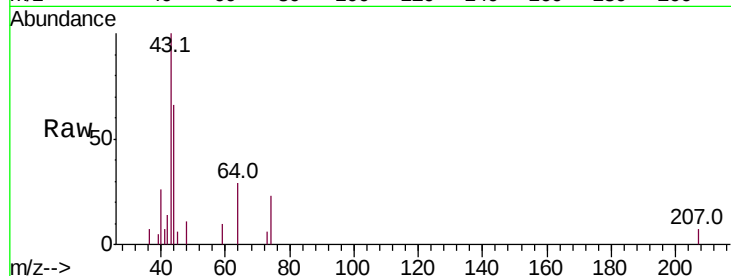




#18
Methyl Acetate
Concen: 1.107 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

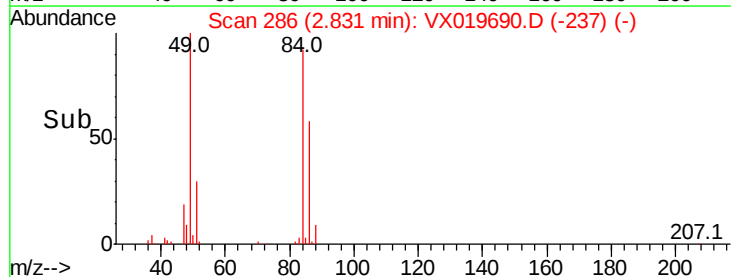
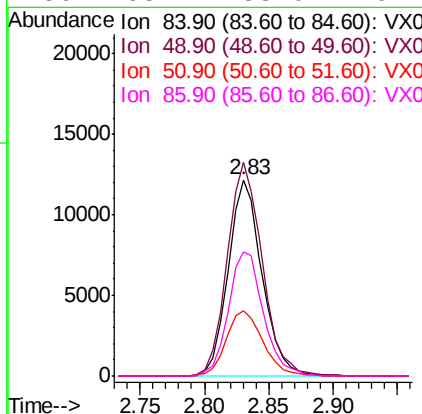
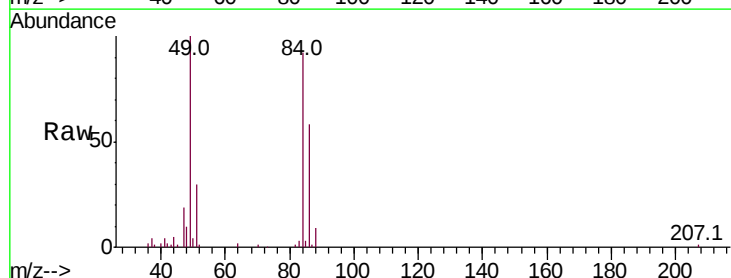
Instrument :
MSVOA_X
ClientSampled :
PB133320TB

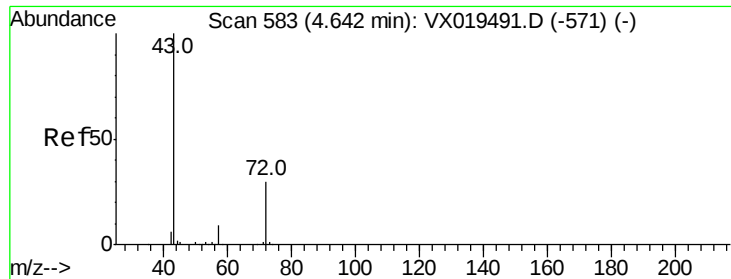
Tot Ion: 43 Resp: 1672
Ion Ratio Lower Upper
43 100
74 25.8 22.2 33.4



#20
Methylene Chloride
Concen: 6.262 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Tgt Ion: 84 Resp: 22278
Ion Ratio Lower Upper
84 100
49 109.0 88.5 132.7
51 33.1 28.0 42.0
86 63.2 53.0 79.4

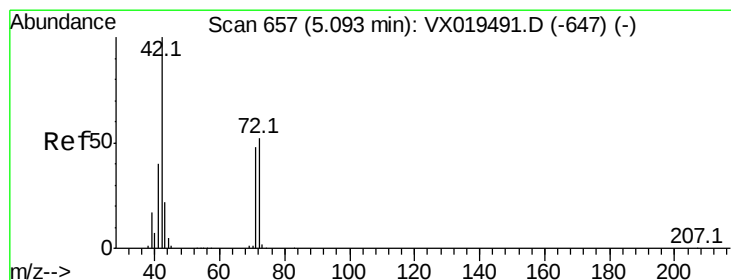
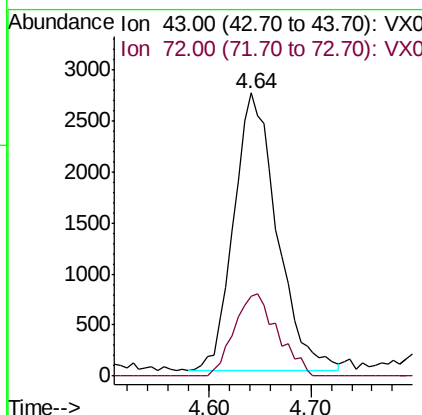
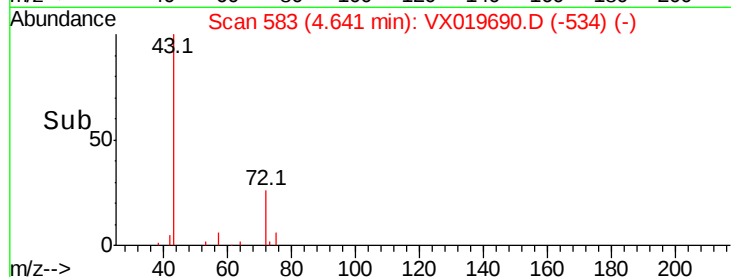
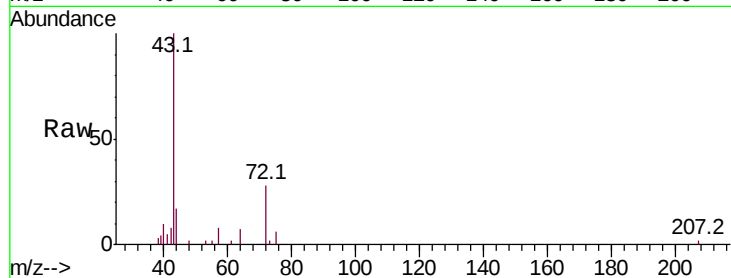




#25
2-Butanone
Concen: 3.761 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

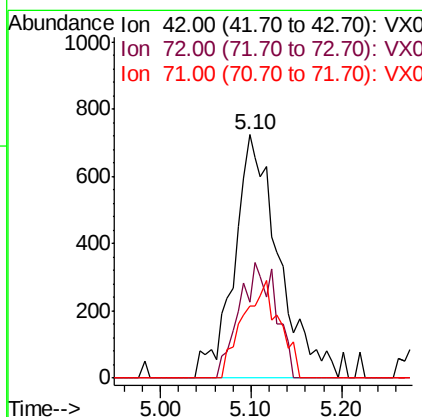
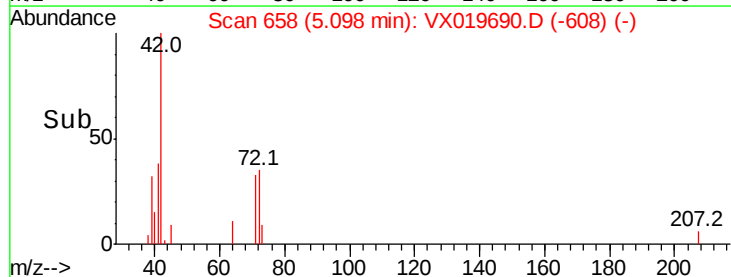
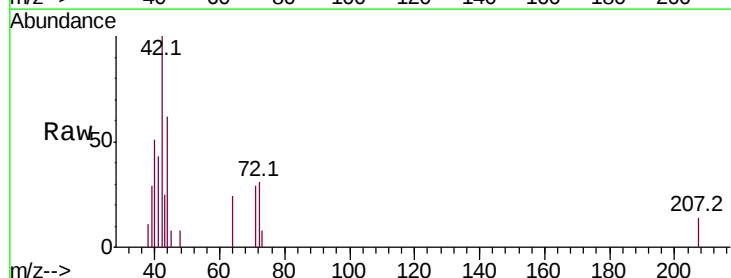
Instrument :
MSVOA_X
ClientSampleId :
PB133320TB

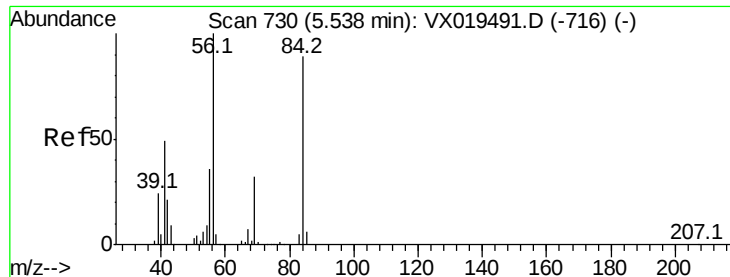
Tot Ion: 43 Resp: 8043
Ion Ratio Lower Upper
43 100
72 28.7 24.0 36.0



#29
Tetrahydrofuran
Concen: 1.807 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Tgt Ion: 42 Resp: 2466
Ion Ratio Lower Upper
42 100
72 39.1 42.6 63.8#
71 32.7 39.0 58.6#

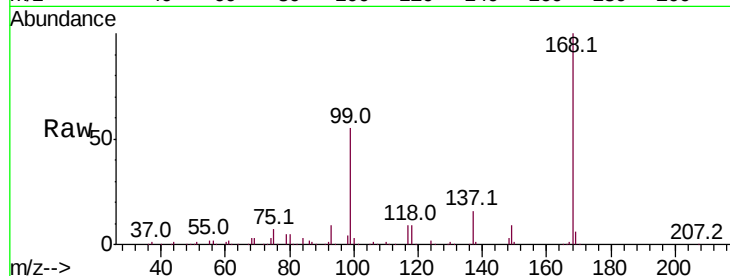




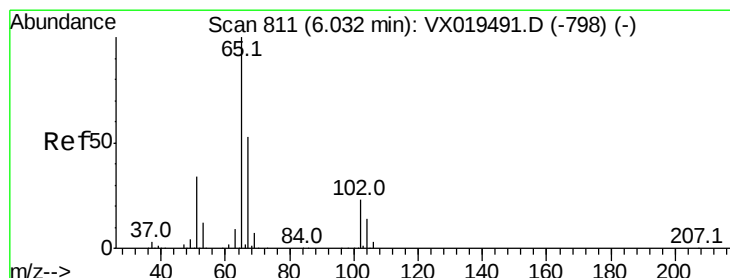
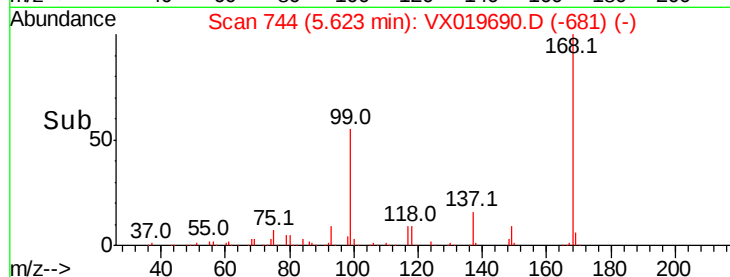
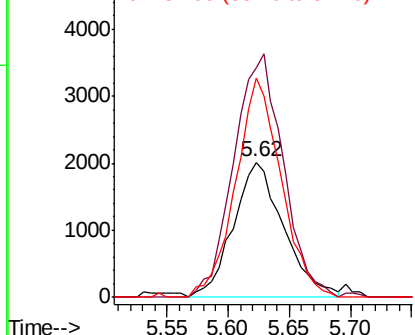
#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Instrument :
MSVOA_X
ClientSampled :
PB133320TB

Tot Ion: 56 Resp: 5756
Ion Ratio Lower Upper
56 100
69 170.7 25.5 38.3#
84 162.3 71.1 106.7#

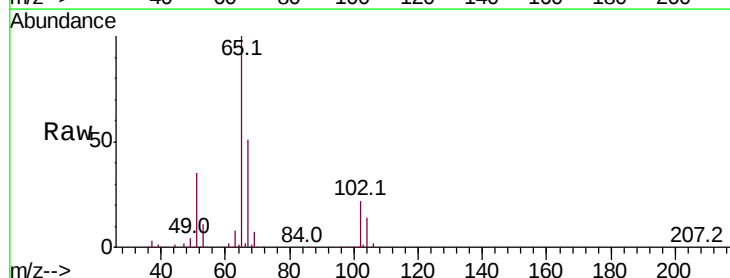


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

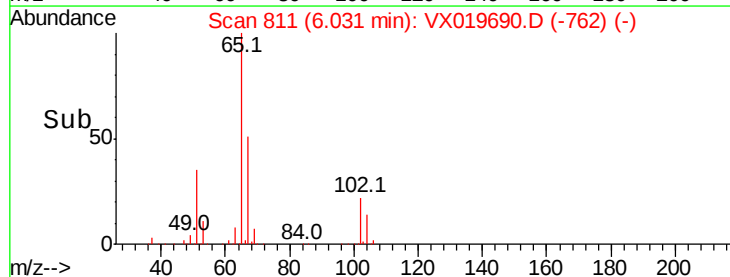
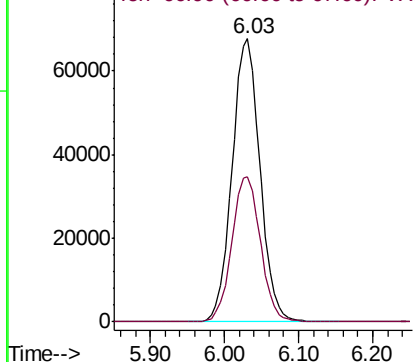


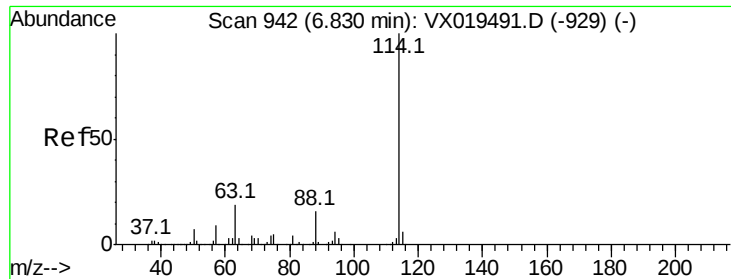
#33
1,2-Dichloroethane-d4
Concen: 48.444 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Tgt Ion: 65 Resp: 178323
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0



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: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB133320TB

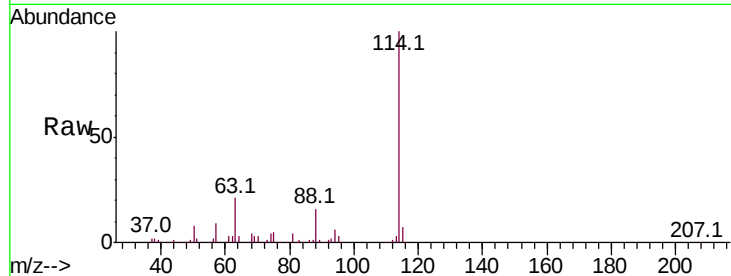
Tot Ion:114 Resp: 467396

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

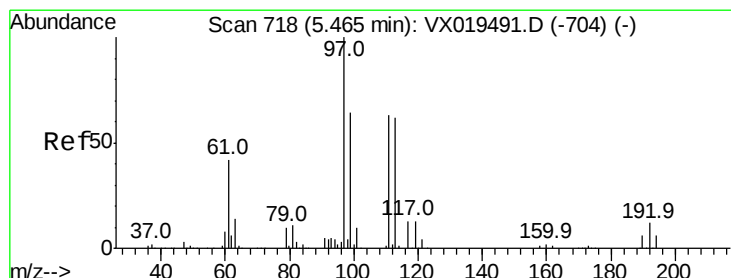
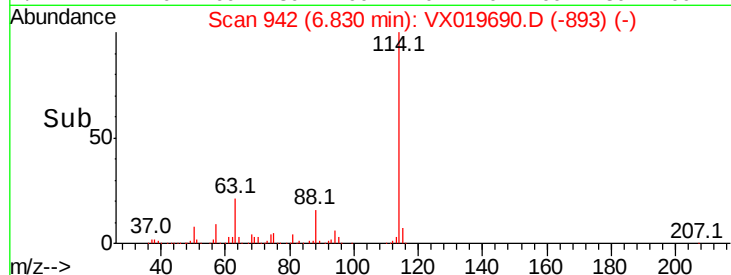
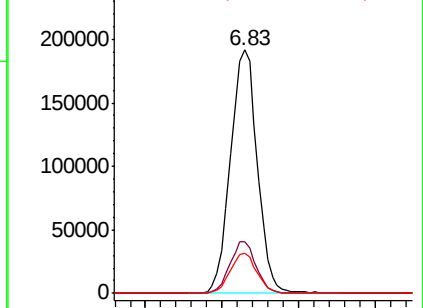
88 16.3 0.0 31.6



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: 48.743 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

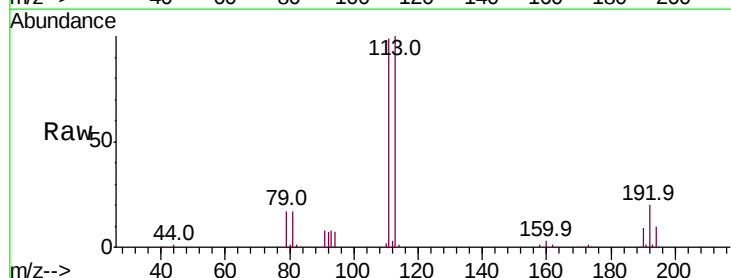
Tgt Ion:113 Resp: 143003

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

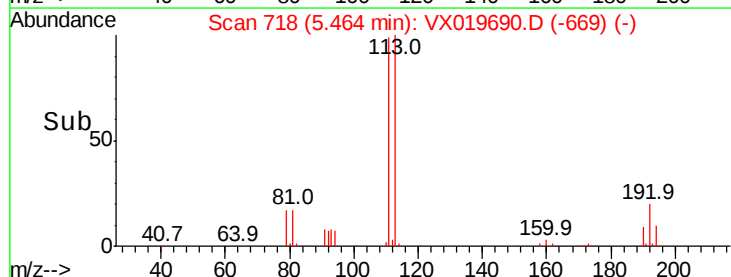
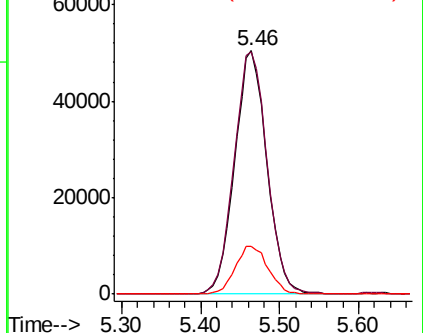
192 20.1 16.2 24.2

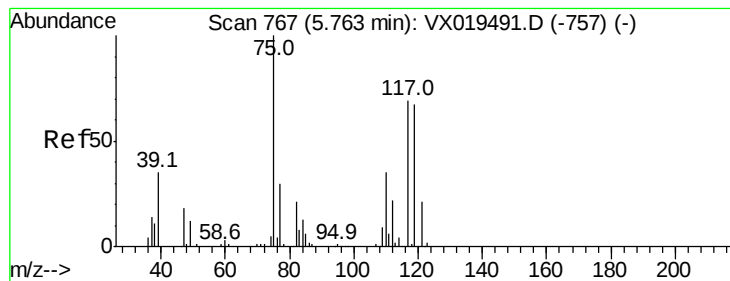


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.907 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB133320TB

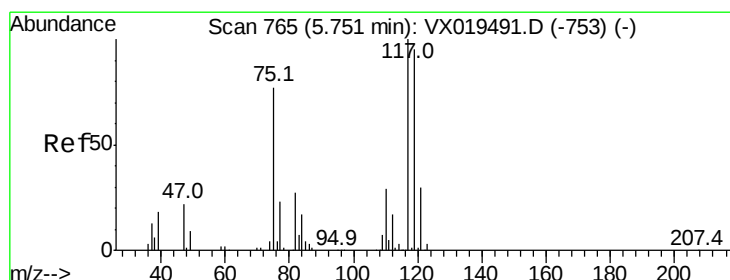
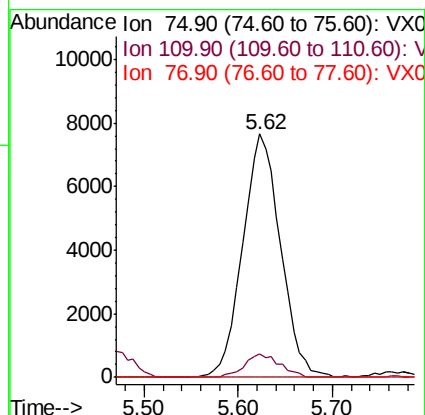
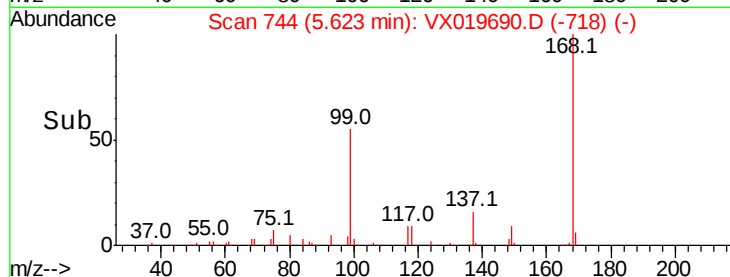
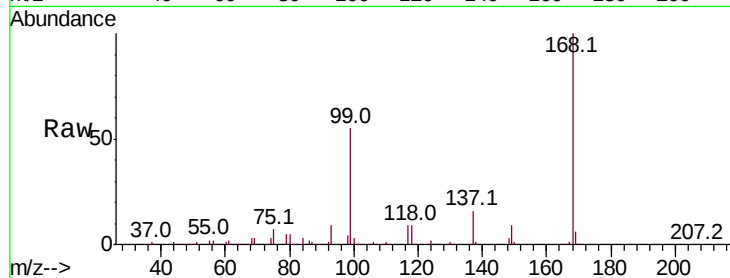
Tot Ion: 75 Resp: 21500

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 6.432 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

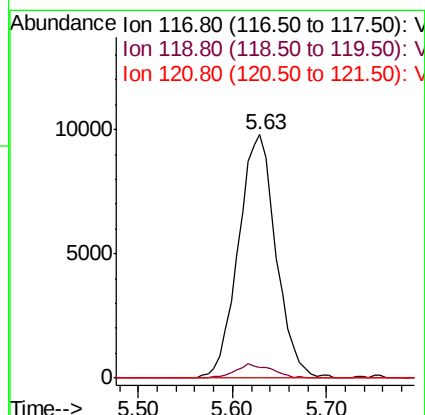
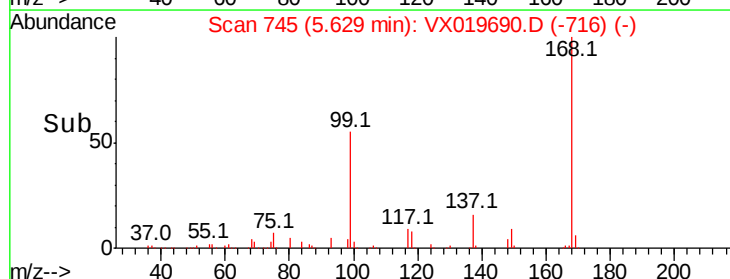
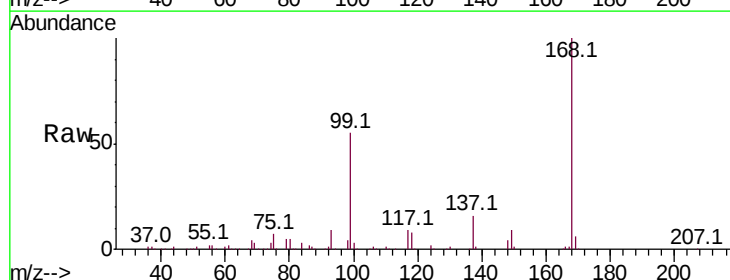
Tgt Ion: 117 Resp: 27280

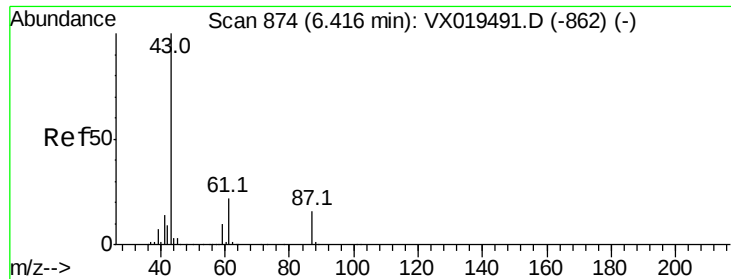
Ion Ratio Lower Upper

117 100

119 4.4 75.9 113.9#

121 0.0 24.0 36.0#





#43

Isopropyl Acetate

Concen: 4.766 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB133320TB

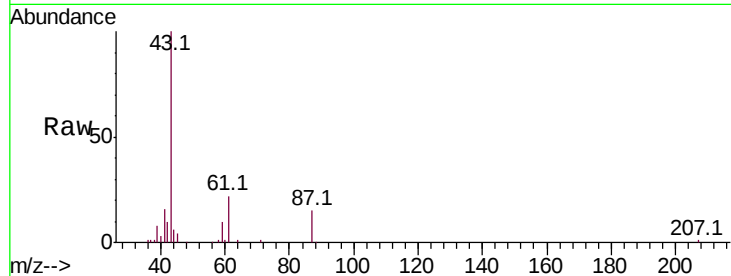
Tot Ion: 43 Resp: 32956

Ion Ratio Lower Upper

43 100

61 22.5 18.2 27.2

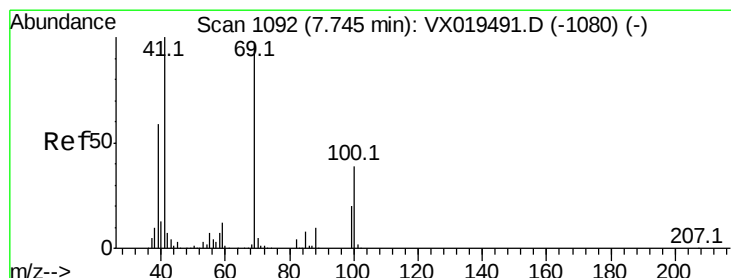
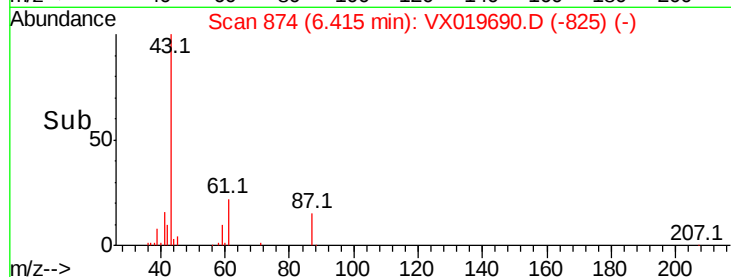
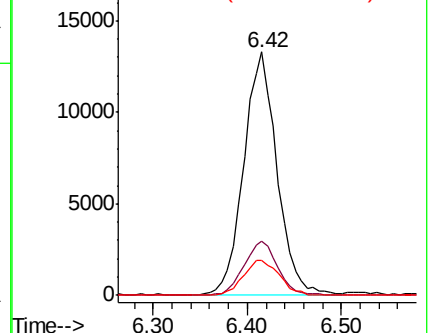
87 15.5 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.384 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.09 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

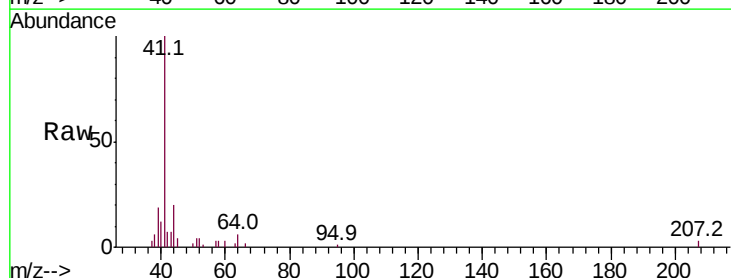
Tgt Ion: 41 Resp: 7722

Ion Ratio Lower Upper

41 100

69 0.0 77.0 115.6#

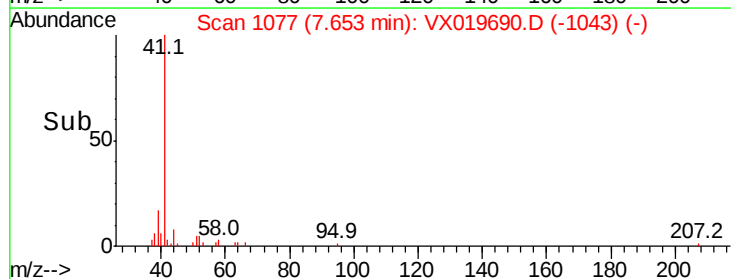
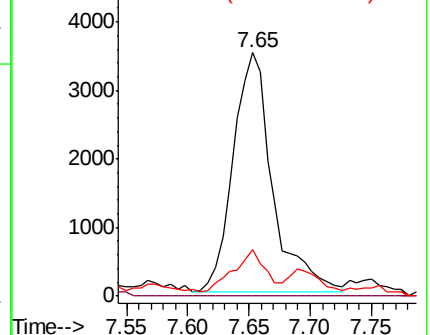
39 0.0 45.6 68.4#

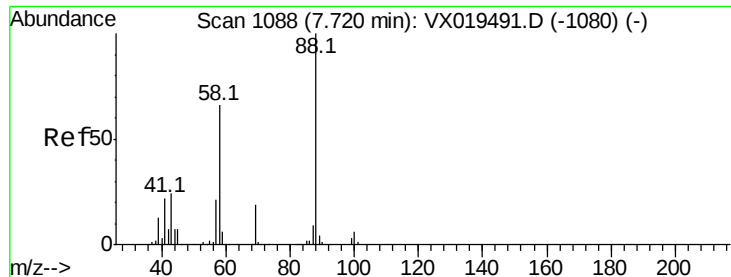


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1.741 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

PB133320TB

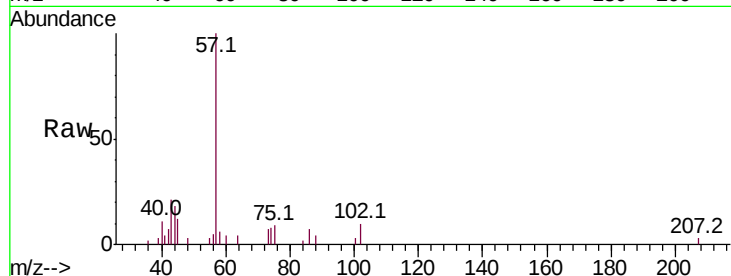
Tot Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.6#

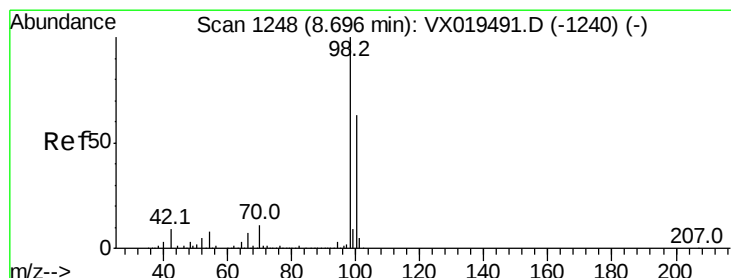
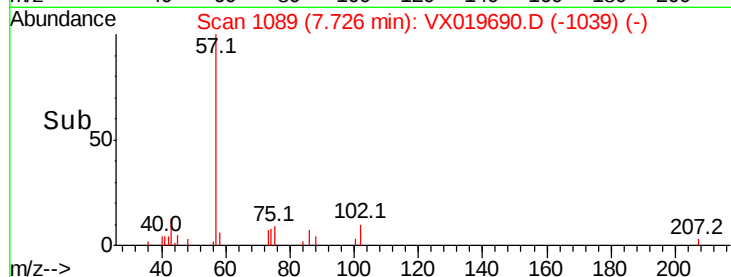
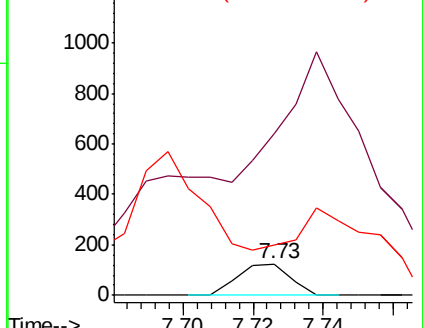
58 485.2 54.2 81.2#



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: 49.274 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019690.D

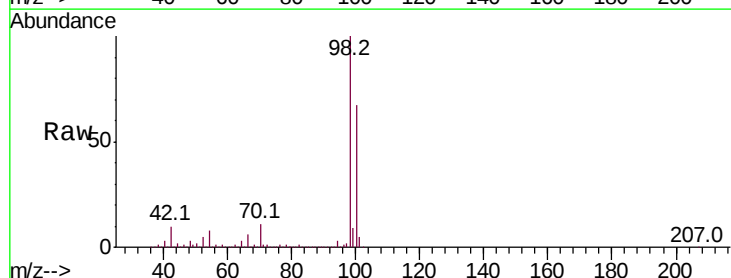
Acq: 01 Dec 2020 13:14

Tgt Ion: 98 Resp: 561758

Ion Ratio Lower Upper

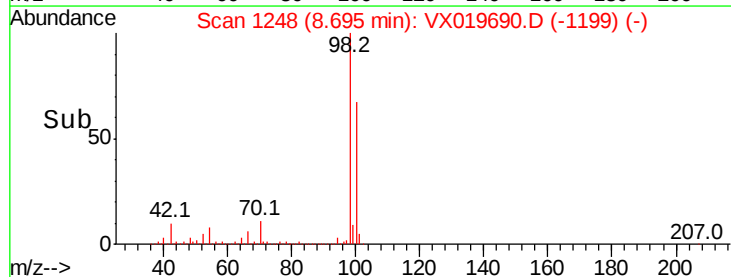
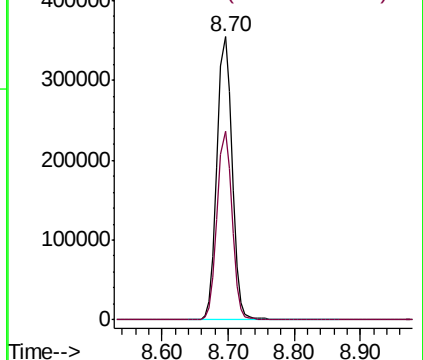
98 100

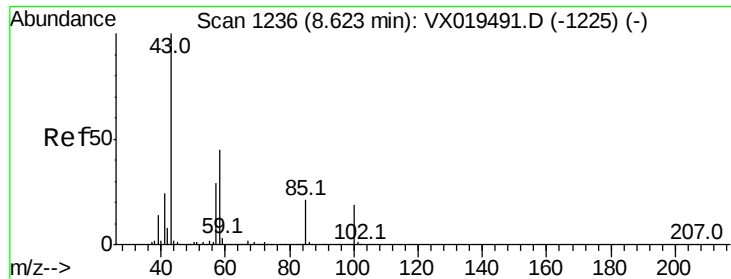
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 24.329 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

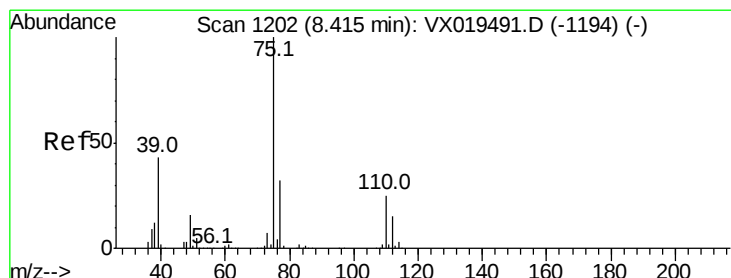
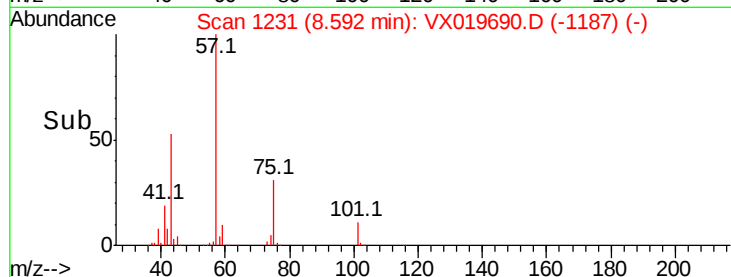
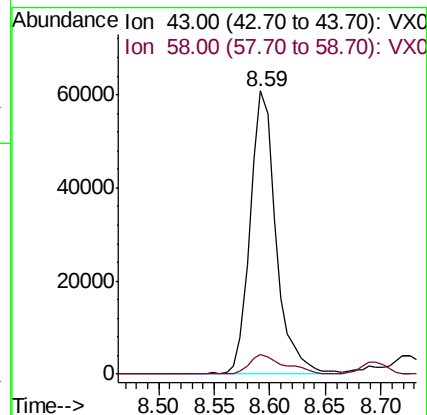
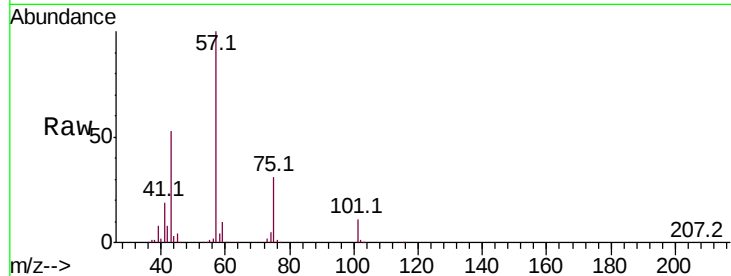
PB133320TB

Tot Ion: 43 Resp: 98105

Ion Ratio Lower Upper

43 100

58 9.5 35.1 52.7#



#54

cis-1,3-Dichloropropene

Concen: 10.057 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

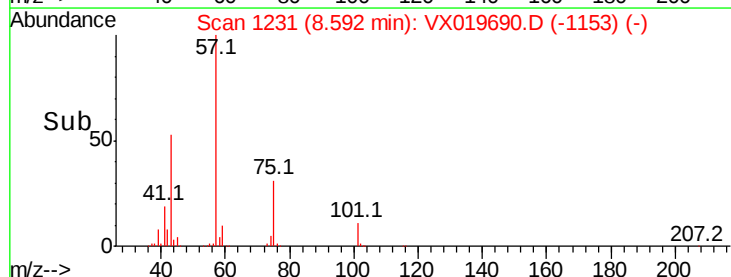
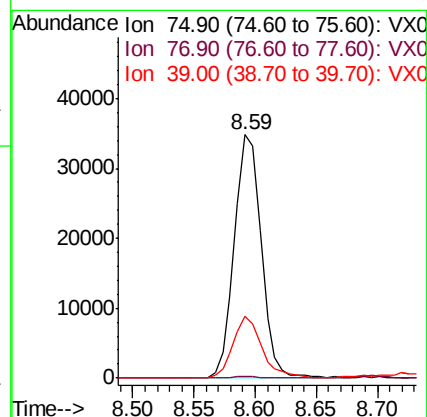
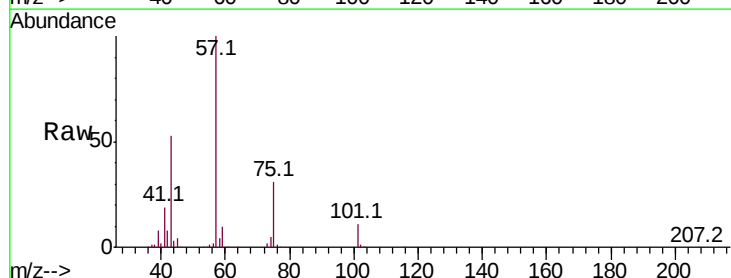
Tgt Ion: 75 Resp: 53058

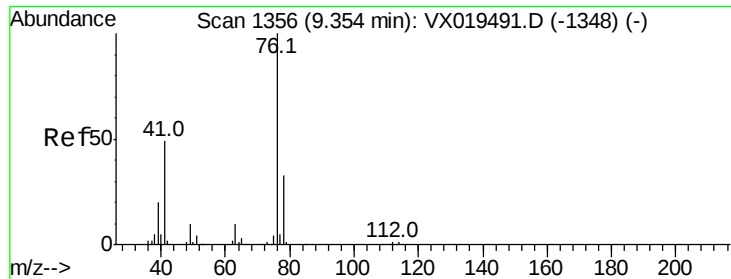
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 25.0 34.6 51.8#

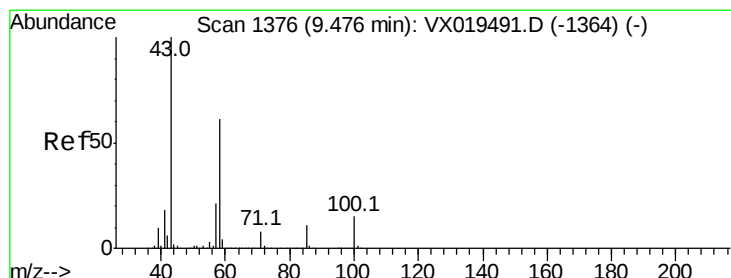
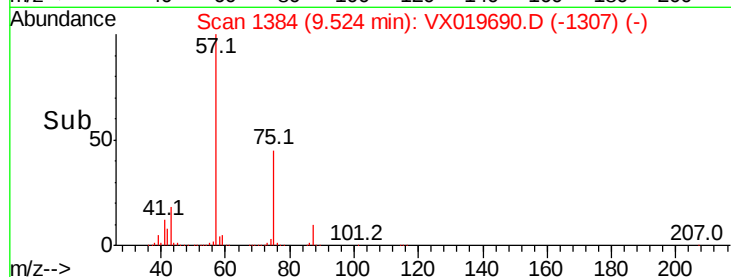
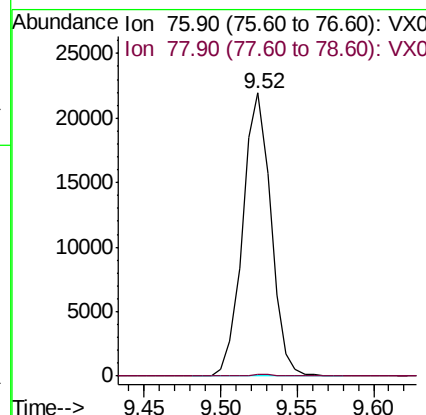
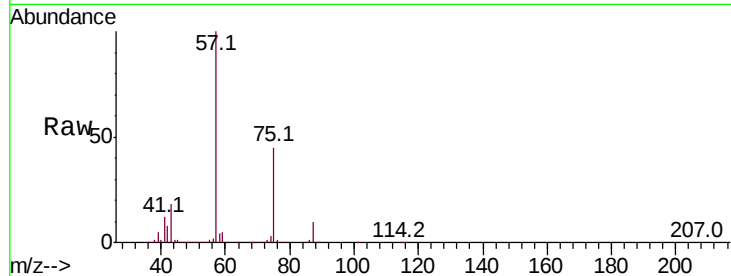




#57
 1,3-Dichloropropane
 Concen: 5.007 ug/l
 RT: 9.52 min Scan# 1384
 Delta R.T. 0.17 min
 Lab File: VX019690.D
 Acq: 01 Dec 2020 13:14

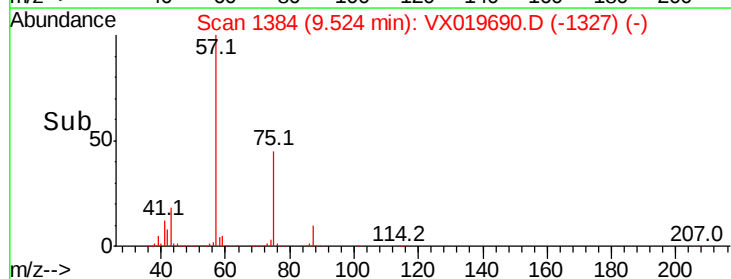
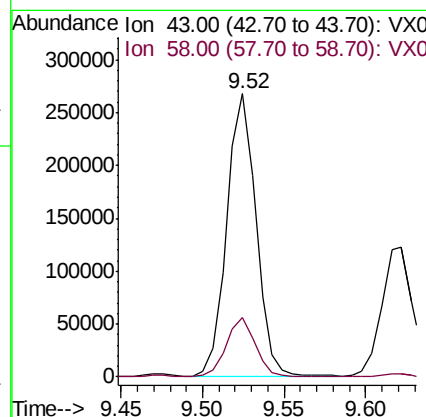
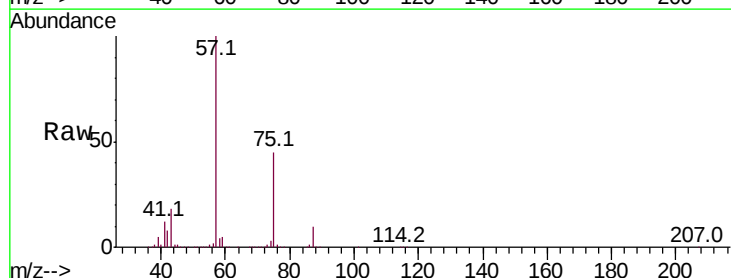
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133320TB

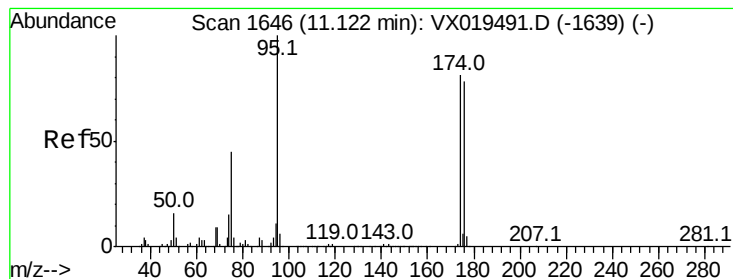
Tot Ion: 76 Resp: 28120
 Ion Ratio Lower Upper
 76 100
 78 0.7 25.7 38.5#



#59
 2-Hexanone
 Concen: 108.843 ug/l
 RT: 9.52 min Scan# 1384
 Delta R.T. 0.05 min
 Lab File: VX019690.D
 Acq: 01 Dec 2020 13:14

Tgt Ion: 43 Resp: 332868
 Ion Ratio Lower Upper
 43 100
 58 21.1 30.6 91.6#





#62

4-Bromofluorobenzene

Concen: 46.642 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB133320TB

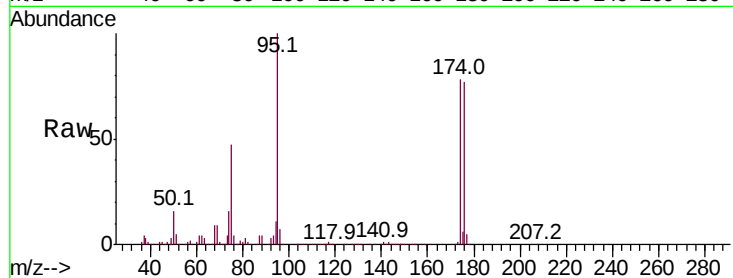
Tot Ion: 95 Resp: 191316

Ion Ratio Lower Upper

95 100

174 76.6 0.0 156.2

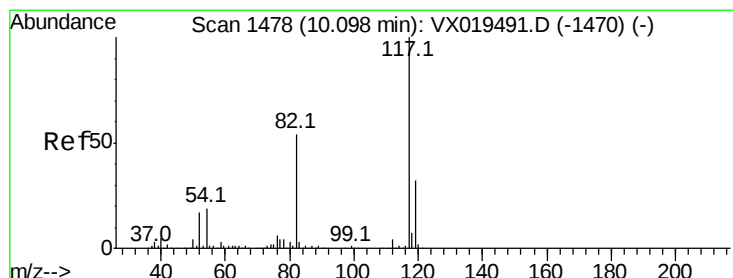
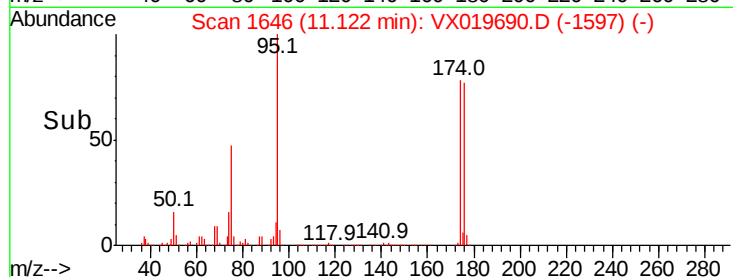
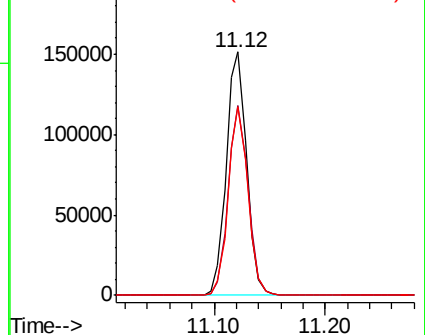
176 75.0 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

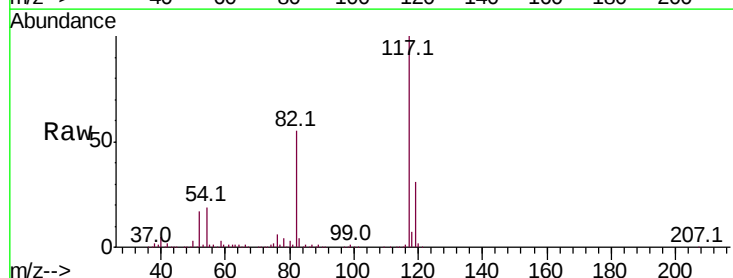
Tgt Ion: 117 Resp: 412500

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

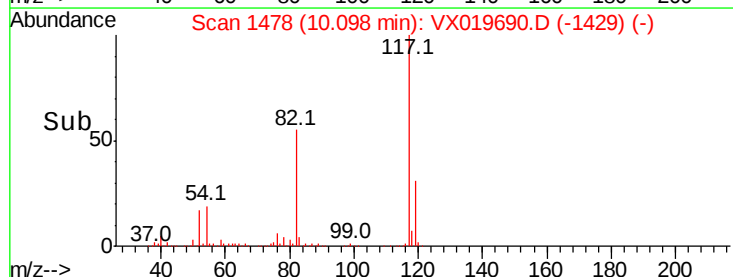
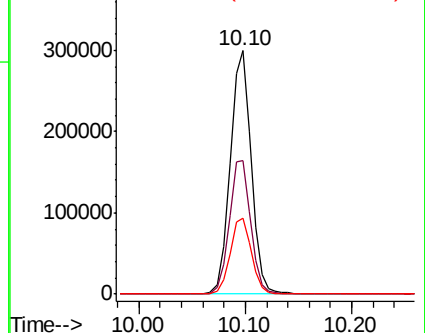
119 31.1 25.6 38.4

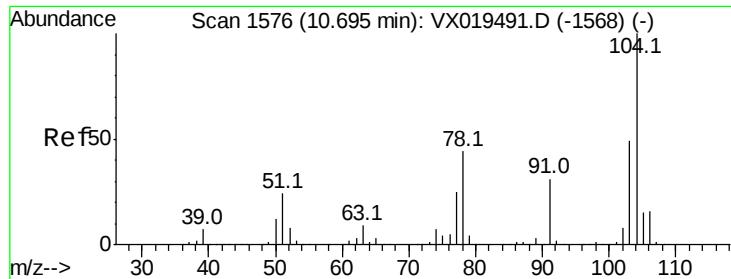


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

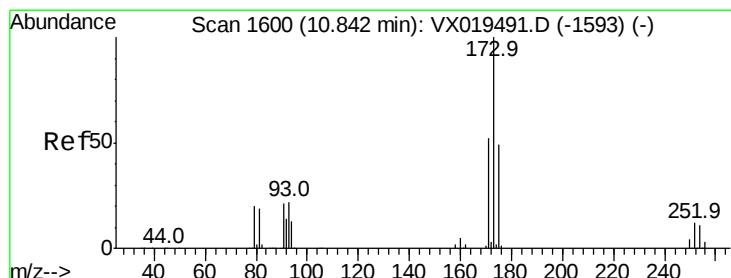
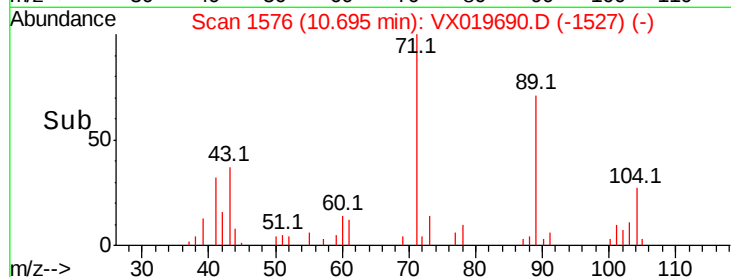
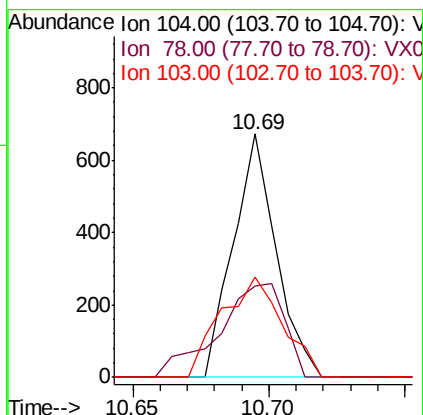
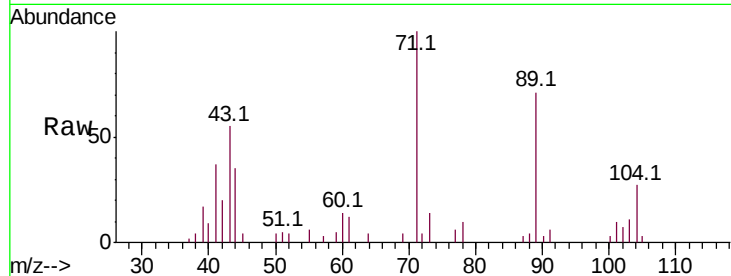




#70
Stvrene
Concen: 1.718 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

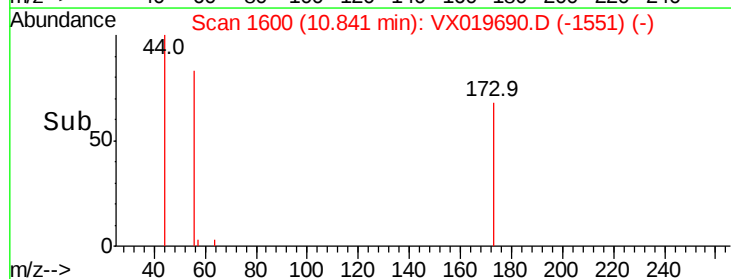
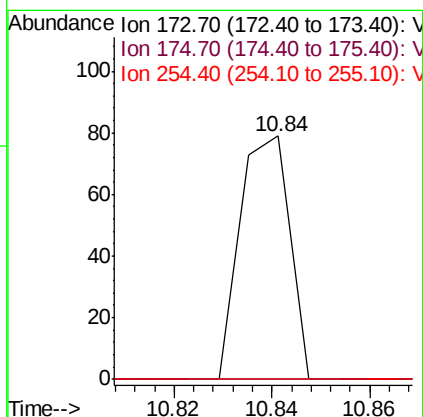
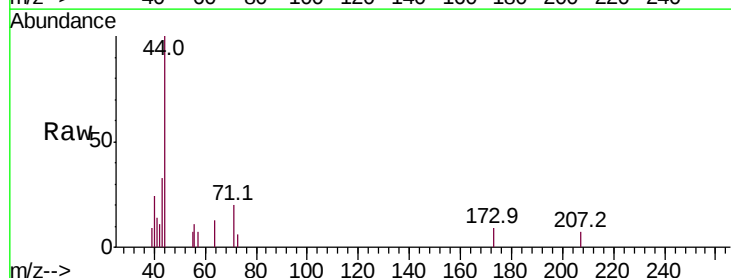
Instrument :
MSVOA_X
ClientSampleId :
PB133320TB

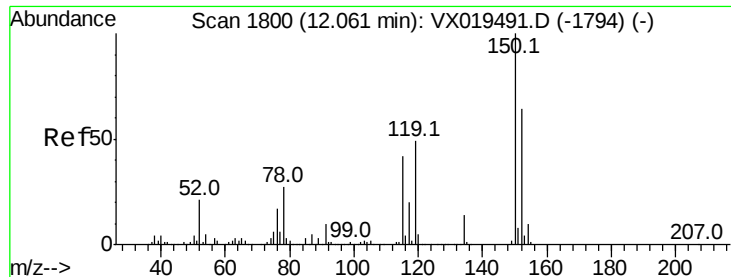
Tot Ion:104 Resp: 734
Ion Ratio Lower Upper
104 100
78 59.4 39.5 59.3#
103 59.1 43.6 65.4



#71
Bromoform
Concen: 3.623 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Tgt Ion:173 Resp: 56
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampled :

PB133320TB

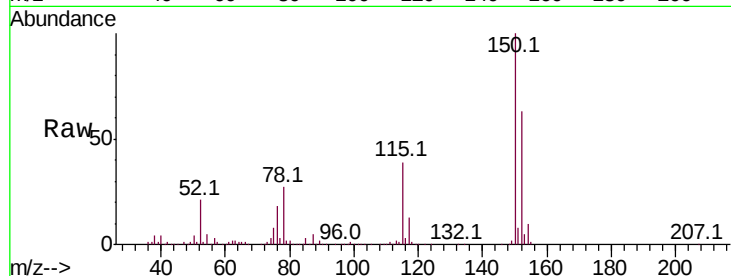
Tot Ion:152 Resp: 169319

Ion Ratio Lower Upper

152 100

115 60.4 41.8 125.4

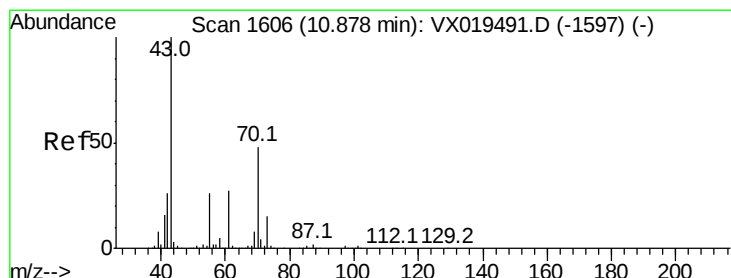
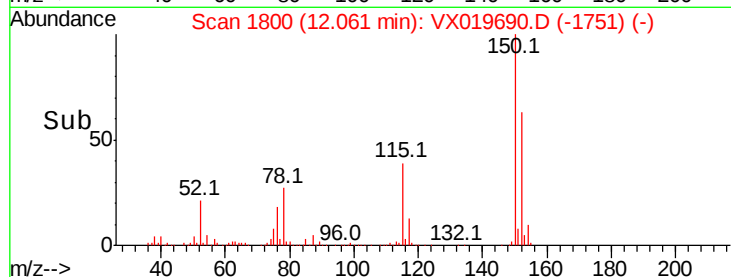
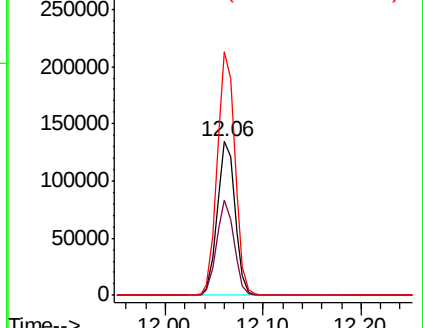
150 158.5 0.0 348.2



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: 0.416 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Tgt Ion: 43 Resp: 1828

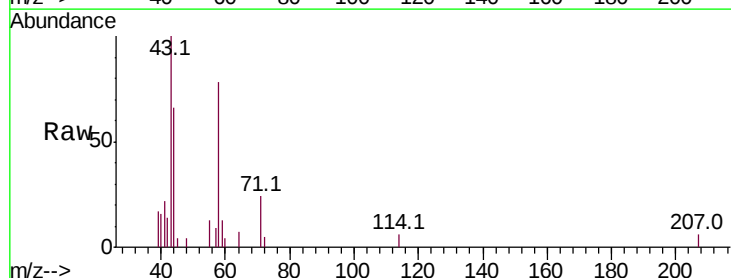
Ion Ratio Lower Upper

43 100

70 0.0 39.7 59.5#

55 13.6 21.8 32.6#

61 0.0 22.2 33.4#

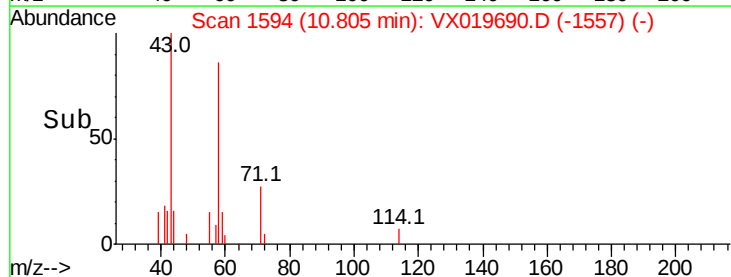
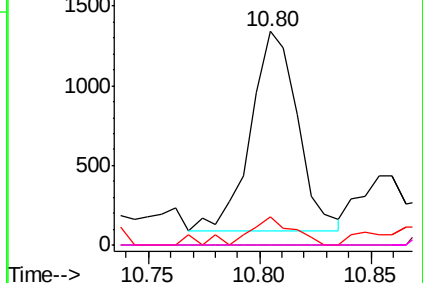


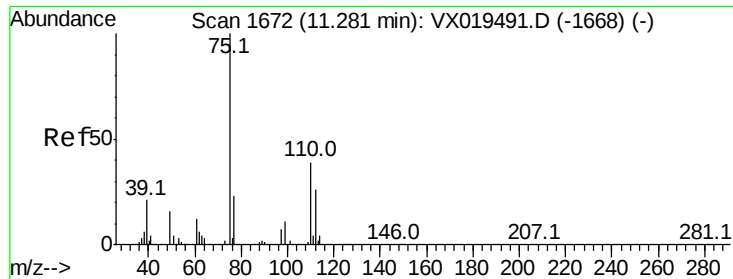
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 24.823 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

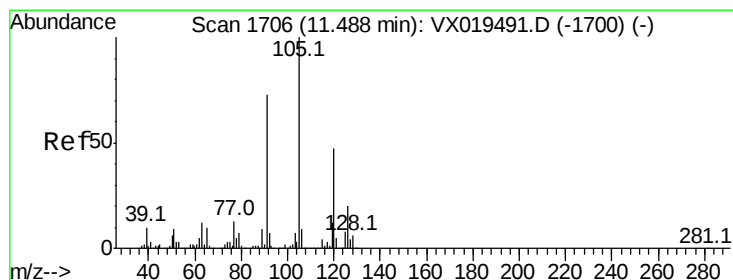
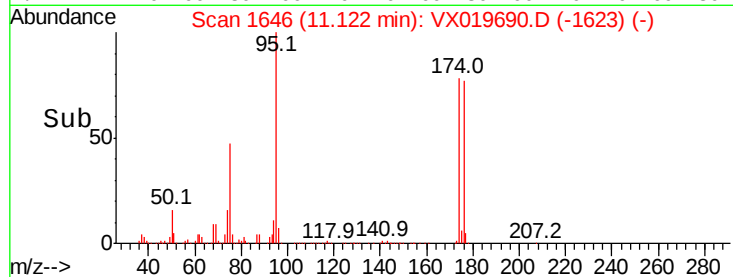
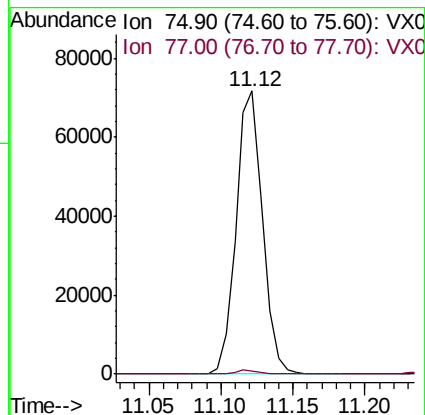
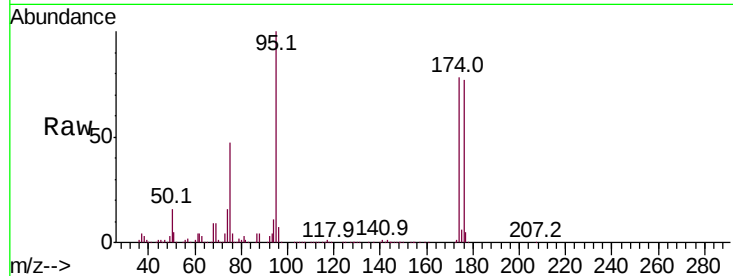
PB133320TB

Tot Ion: 75 Resp: 91722

Ion Ratio Lower Upper

75 100

77 1.3 20.0 60.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.256 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019690.D

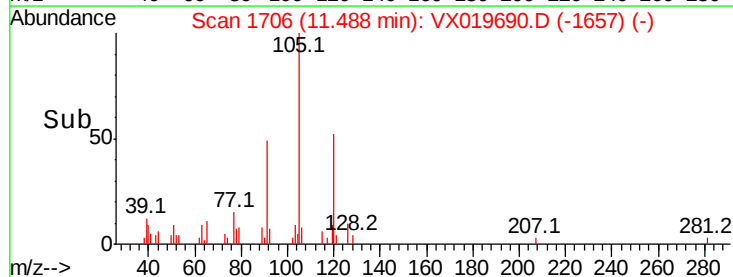
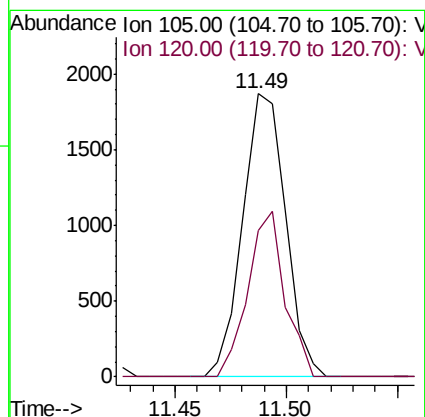
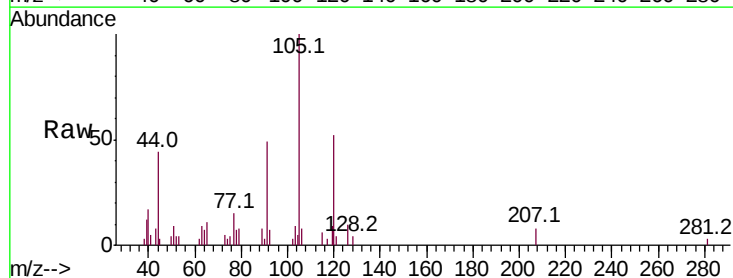
Acq: 01 Dec 2020 13:14

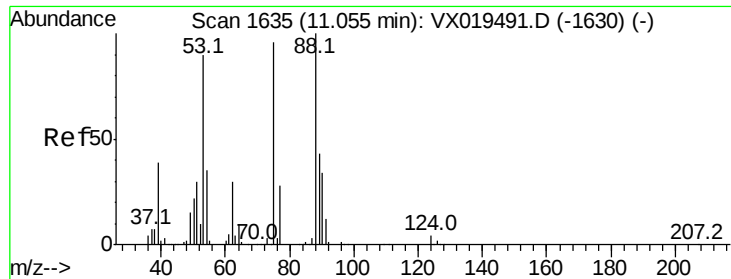
Tgt Ion: 105 Resp: 2518

Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.3

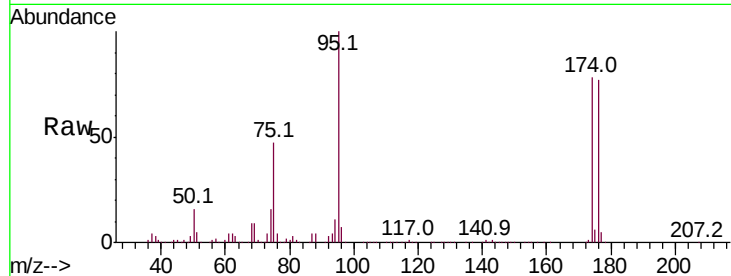




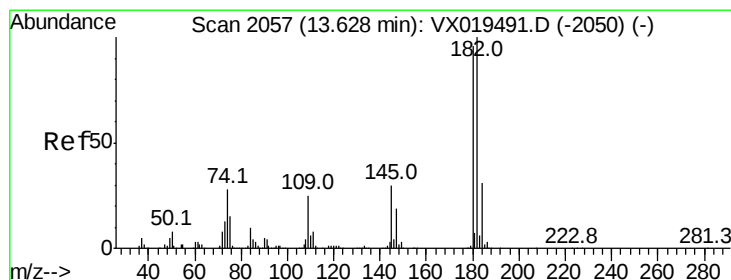
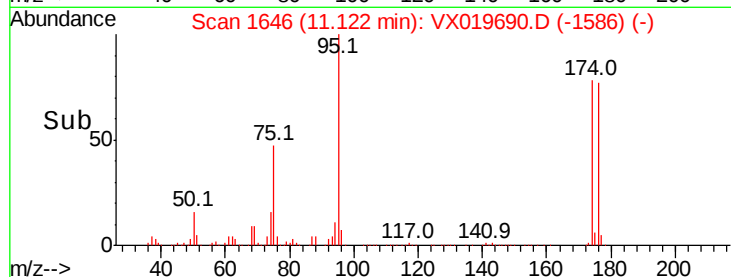
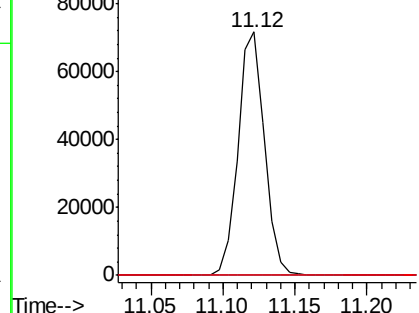
#81
trans-1,4-Dichloro-2-butene
Concen: 65.601 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
PB133320TB

Tot Ion: 75 Resp: 91722
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.3 55.9#

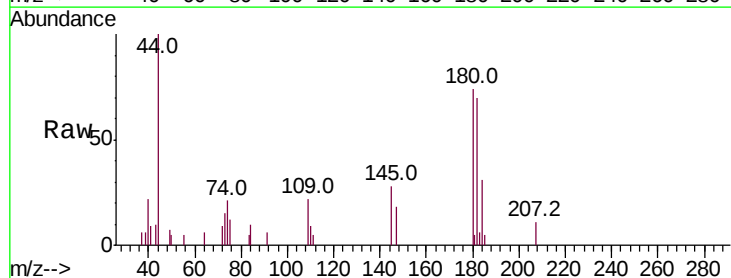


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

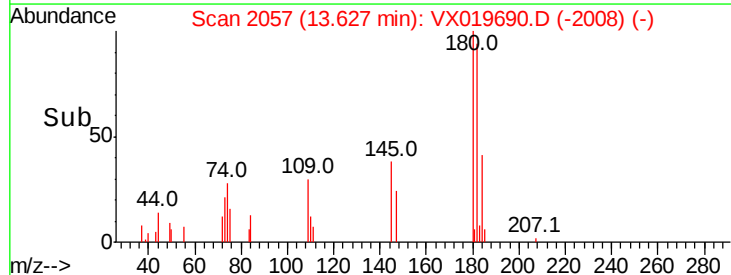
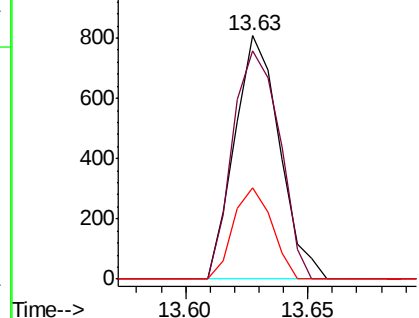


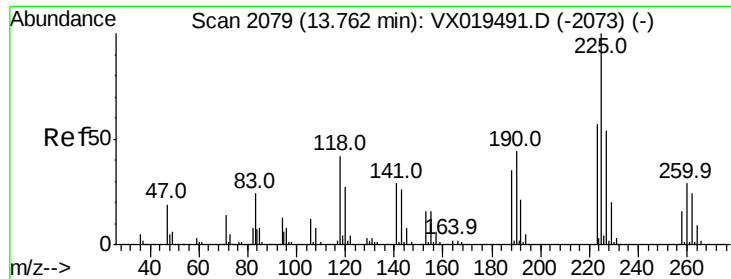
#93
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019690.D
Acq: 01 Dec 2020 13:14

Tgt Ion:180 Resp: 1036
Ion Ratio Lower Upper
180 100
182 98.0 48.6 145.9
145 32.1 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.328 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB133320TB

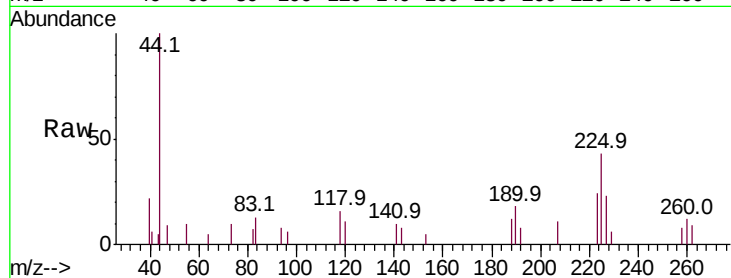
Tot Ion:225 Resp: 529

Ion Ratio Lower Upper

225 100

223 62.8 32.5 97.5

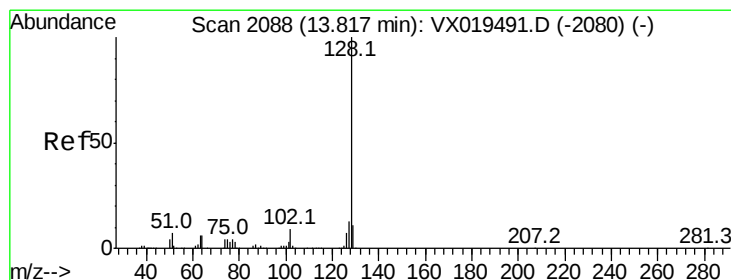
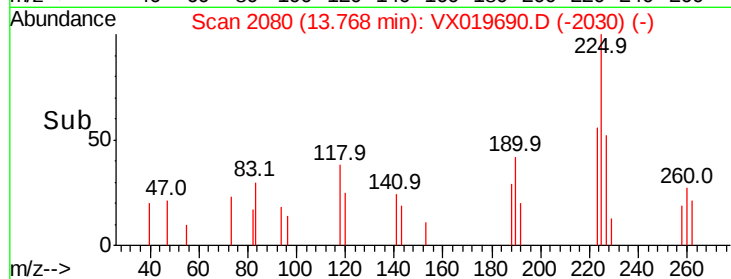
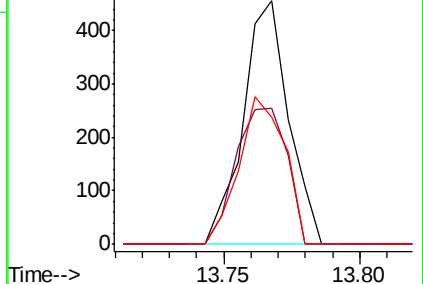
227 60.5 32.8 98.3



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: 2.377 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

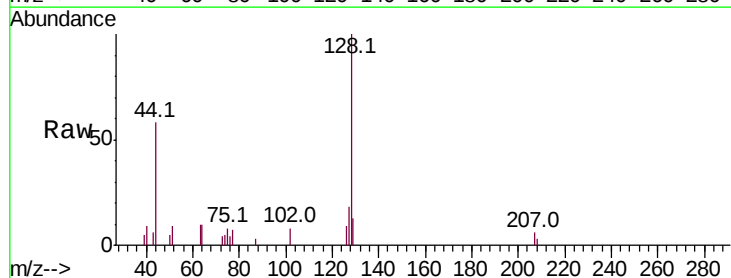
Tgt Ion:128 Resp: 2600

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

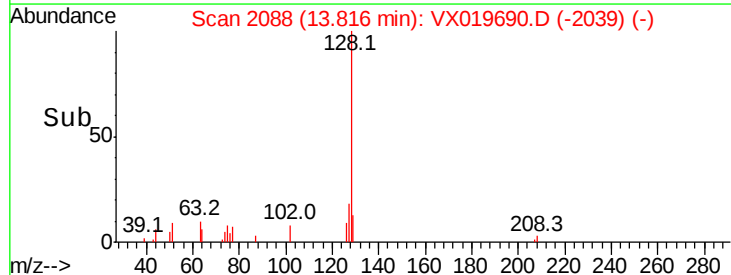
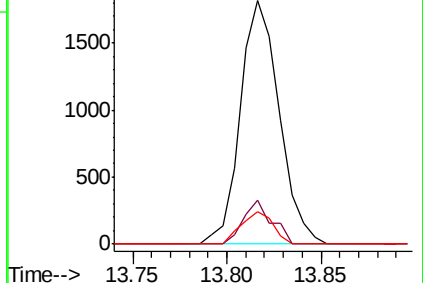
129 10.9 8.7 13.1

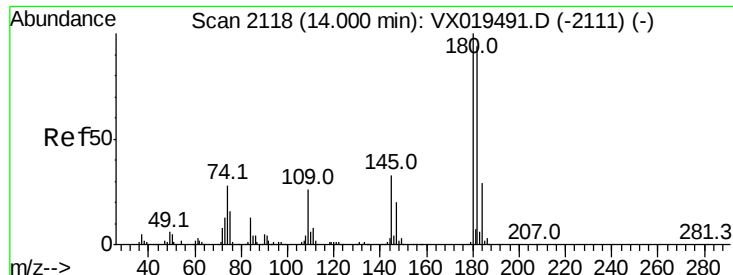


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.285 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019690.D

Acq: 01 Dec 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB133320TB

Tot Ion:180 Resp: 1010

Ion Ratio Lower Upper

180 100

182 90.4 48.1 144.3

145 31.7 16.6 49.8

