

Data File : VX019615.D
Acq On : 24 Nov 2020 19:01
Operator : JC/MD
Sample : L4882-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-0-1

Quant Time: Nov 25 04:05:19 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	308436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179965	50.00	ug/l	0.00

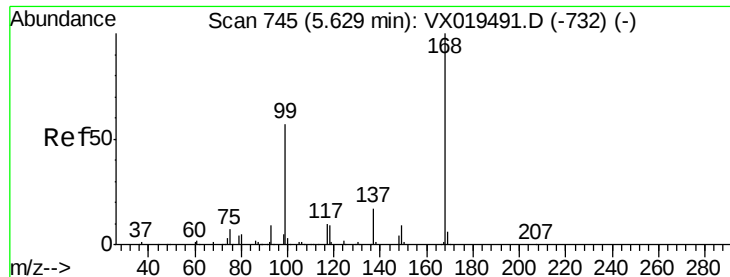
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189989	47.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.02%
35) Dibromofluoromethane	5.46	113	150410	47.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.34%
50) Toluene-d8	8.70	98	603921	48.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.48%
62) 4-Bromofluorobenzene	11.12	95	196652	44.11	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.22%

Target Compounds

					Qvalue	
5) Bromomethane	1.62	94	292	0.208	ug/l #	44
6) Chloroethane	1.73	64	621	Below Cal	#	41
11) Tert butyl alcohol	3.06	59	424	0.560	ug/l #	73
13) Acrolein	2.29	56	338	0.664	ug/l #	52
16) Acetone	2.43	43	11645	7.530	ug/l	98
18) Methyl Acetate	2.76	43	4811	1.887	ug/l	99
20) Methylene Chloride	2.83	84	9264	2.397	ug/l	92
25) 2-Butanone	4.65	43	2002	0.862	ug/l	94
29) Tetrahydrofuran	5.11	42	814	0.549	ug/l	89
31) Cyclohexane	5.62	56	6026	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23261	4.884	ug/l #	49
38) Carbon Tetrachloride	5.63	117	30185	6.548	ug/l #	17
41) Methacrylonitrile	5.10	41	872	0.354	ug/l #	40
43) Isopropyl Acetate	6.42	43	56989	7.582	ug/l	99
44) Trichloroethene	7.18	130	993	0.259	ug/l	79
48) Methyl methacrylate	7.66	41	3126	0.888	ug/l #	9
49) 1,4-Dioxane	7.85	88	154	1.927	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	51150	11.670	ug/l #	48
54) cis-1,3-Dichloropropene	8.59	75	26489	4.619	ug/l #	60
57) 1,3-Dichloropropane	9.52	76	4695	0.769	ug/l #	43
59) 2-Hexanone	9.52	43	56562	17.016	ug/l #	47
70) Styrene	10.70	104	118	1.657	ug/l #	55
74) N-ethyl acetate	10.80	43	2577	0.552	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	95478	24.310	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	95478	64.335	ug/l #	12
95) Naphthalene	13.82	128	1026	2.252	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

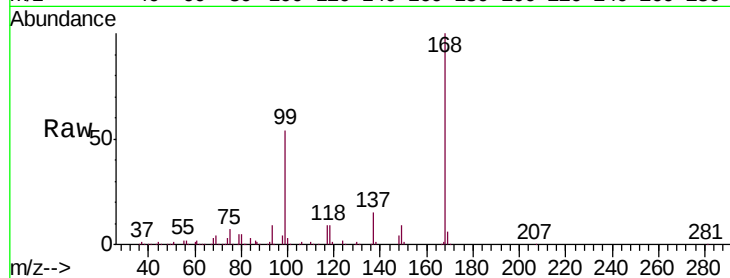
PAV-B48-112320-0-1

Tgt Ion:168 Resp: 308436

Ion Ratio Lower Upper

168 100

99 54.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

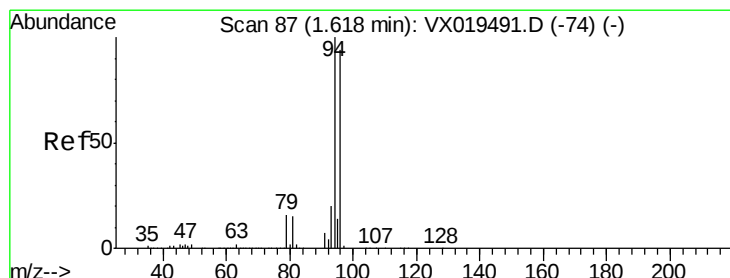
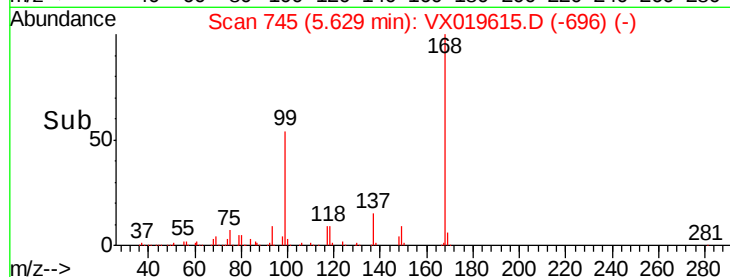
5.50

5.60

5.70

5.80

Time-->



#5

Bromomethane

Concen: 0.208 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019615.D

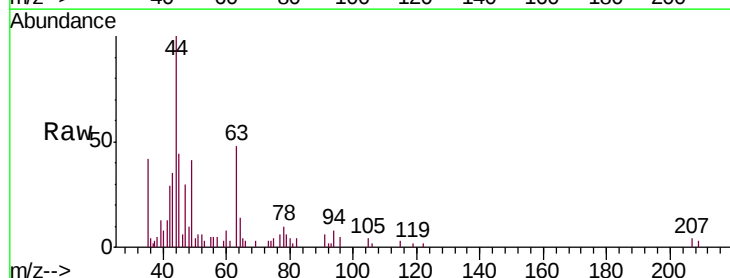
Acq: 24 Nov 2020 19:01

Tgt Ion: 94 Resp: 292

Ion Ratio Lower Upper

94 100

96 40.0 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

200

150

100

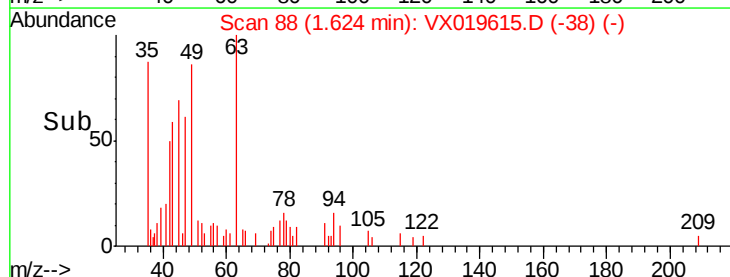
50

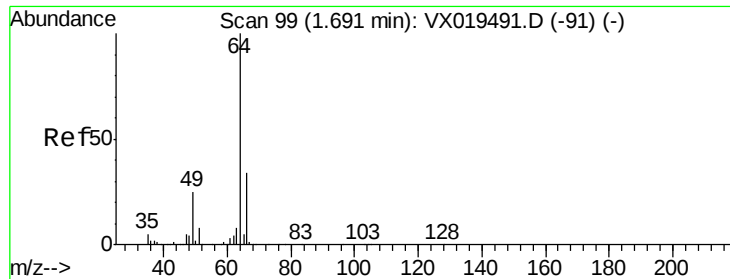
0

1.60

1.65

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 105

Delta R.T. 0.04 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

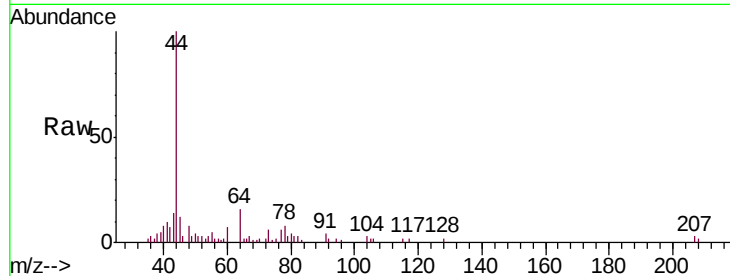
PAV-B48-112320-0-1

Tgt Ion: 64 Resp: 621

Ion Ratio Lower Upper

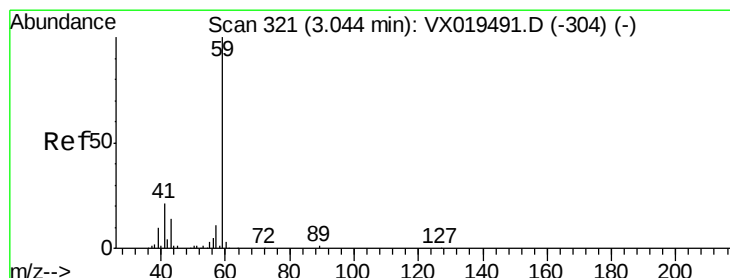
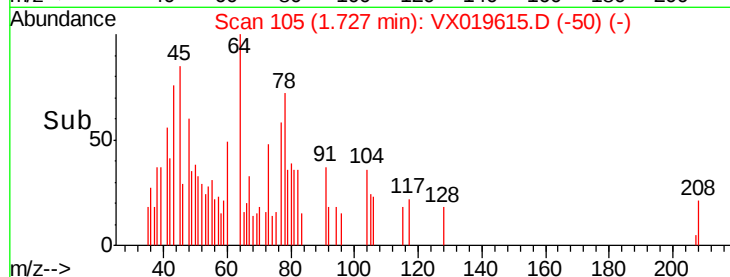
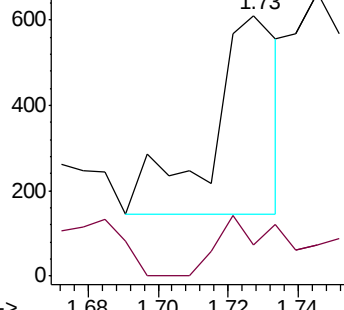
64 100

66 0.0 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: 0.560 ug/l

RT: 3.06 min Scan# 324

Delta R.T. 0.02 min

Lab File: VX019615.D

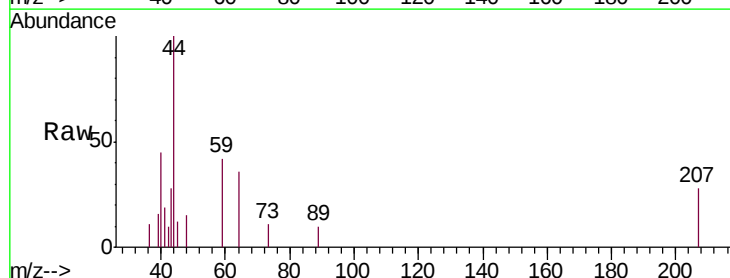
Acq: 24 Nov 2020 19:01

Tgt Ion: 59 Resp: 424

Ion Ratio Lower Upper

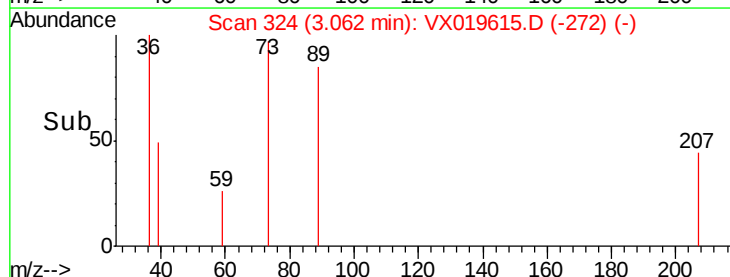
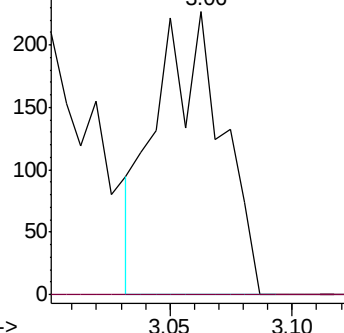
59 100

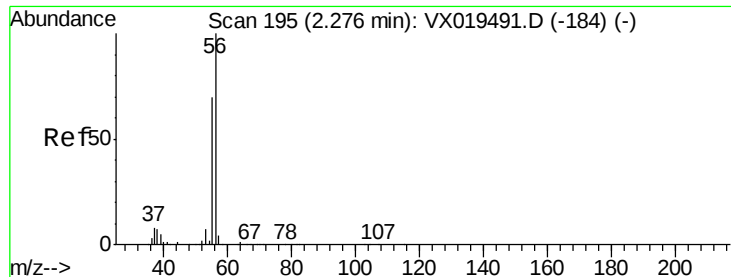
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.664 ug/l

RT: 2.29 min Scan# 198

Delta R.T. 0.02 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

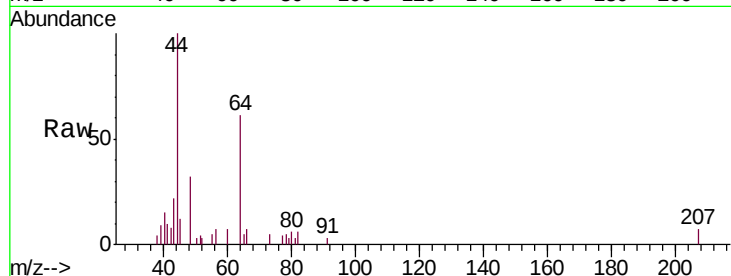
PAV-B48-112320-0-1

Tgt Ion: 56 Resp: 338

Ion Ratio Lower Upper

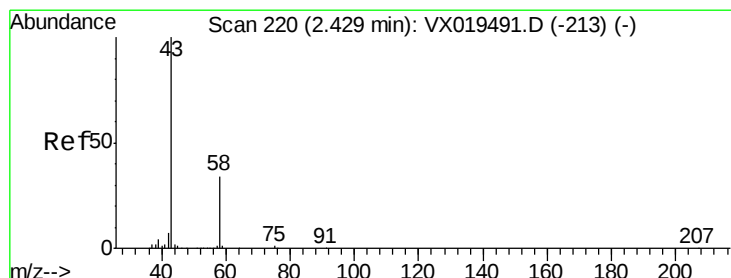
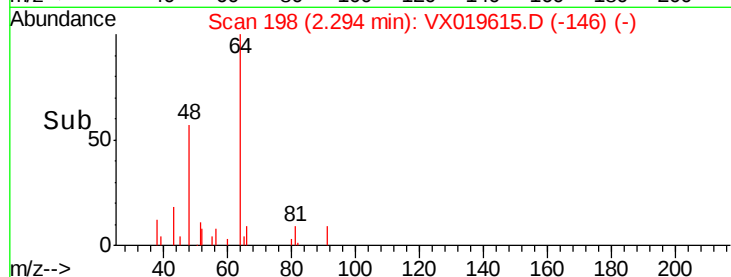
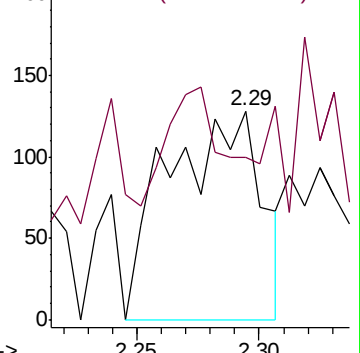
56 100

55 29.9 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 7.530 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019615.D

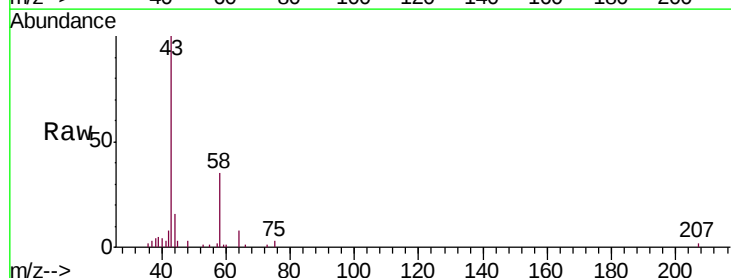
Acq: 24 Nov 2020 19:01

Tgt Ion: 43 Resp: 11645

Ion Ratio Lower Upper

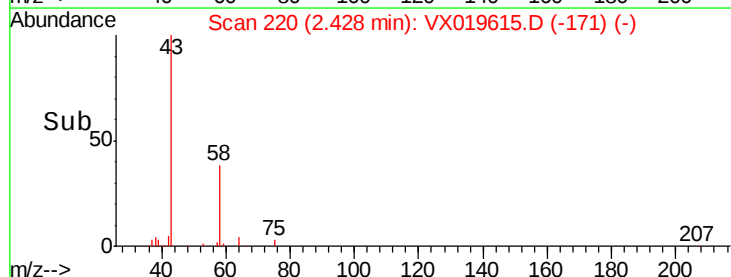
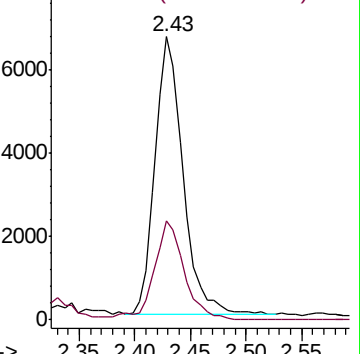
43 100

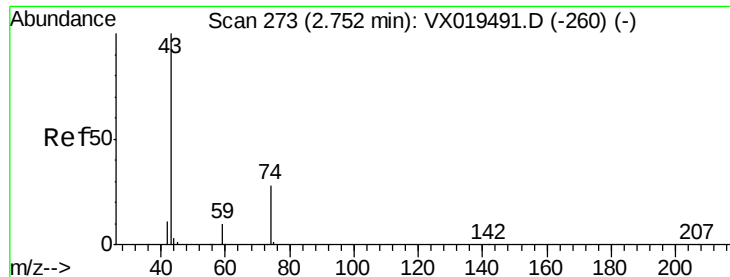
58 35.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.887 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

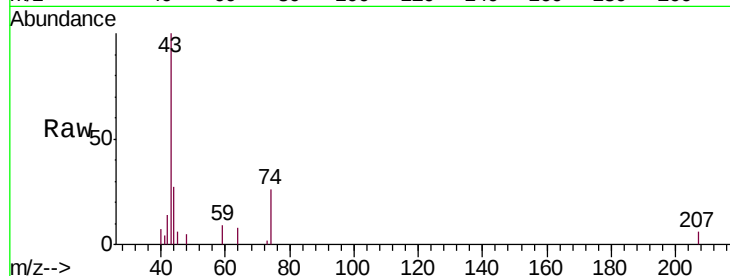
PAV-B48-112320-0-1

Tgt Ion: 43 Resp: 4811

Ion Ratio Lower Upper

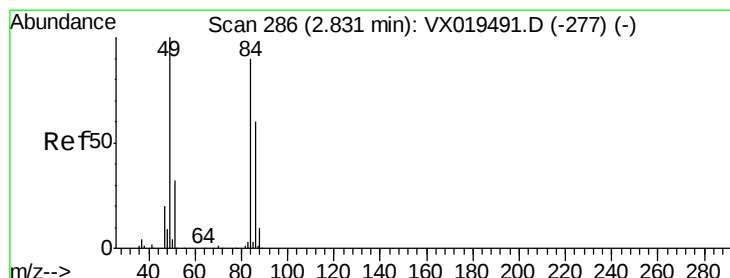
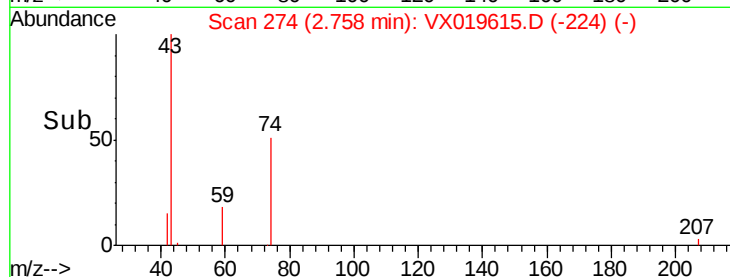
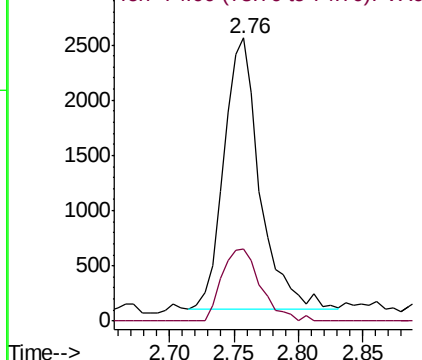
43 100

74 28.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 2.397 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Tgt Ion: 84 Resp: 9264

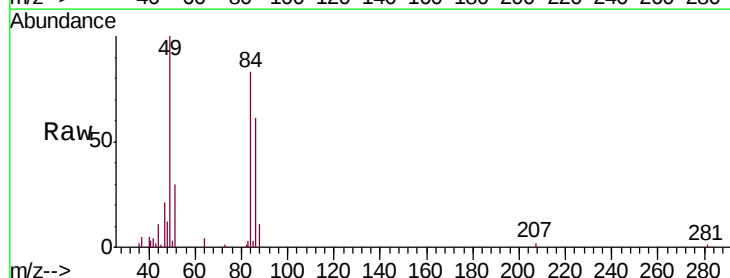
Ion Ratio Lower Upper

84 100

49 120.0 88.5 132.7

51 35.9 28.0 42.0

86 72.9 53.0 79.4

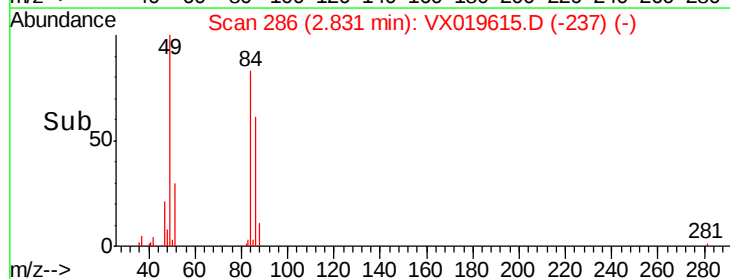
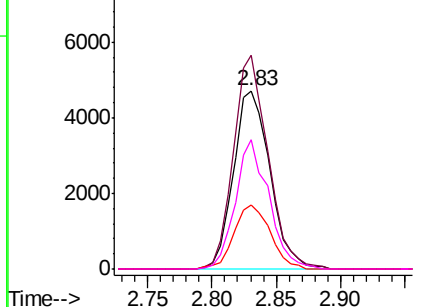


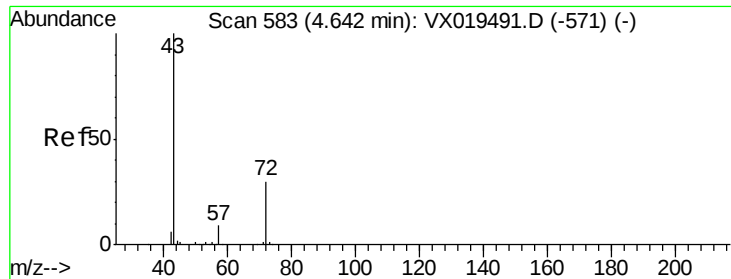
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 0.862 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

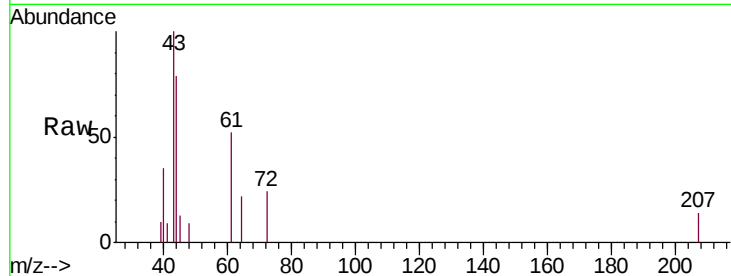
PAV-B48-112320-0-1

Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

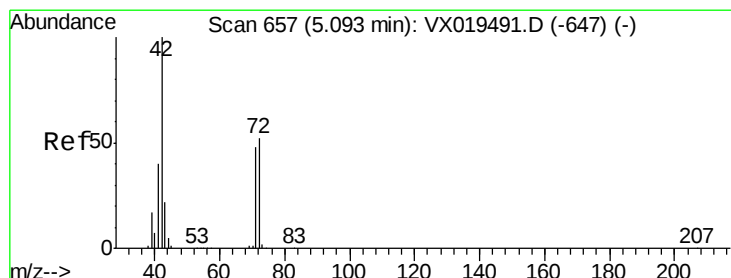
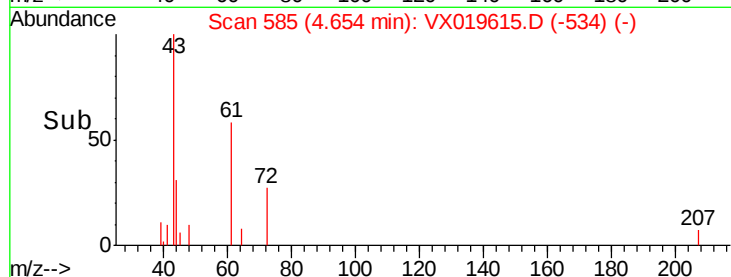
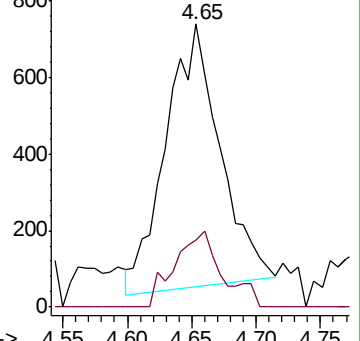
43 100

72 26.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.549 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

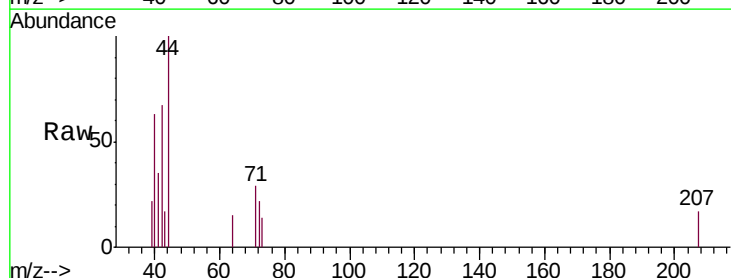
Tgt Ion: 42 Resp: 814

Ion Ratio Lower Upper

42 100

72 58.7 42.6 63.8

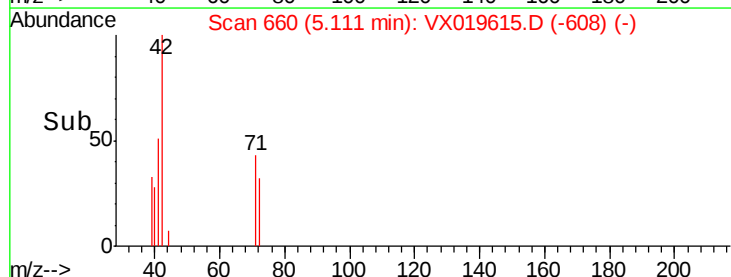
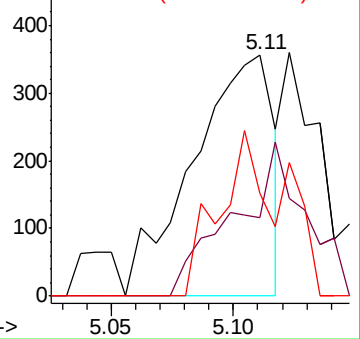
71 39.3 39.0 58.6

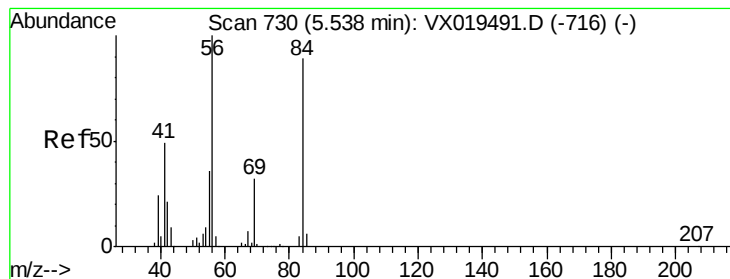


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.09 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

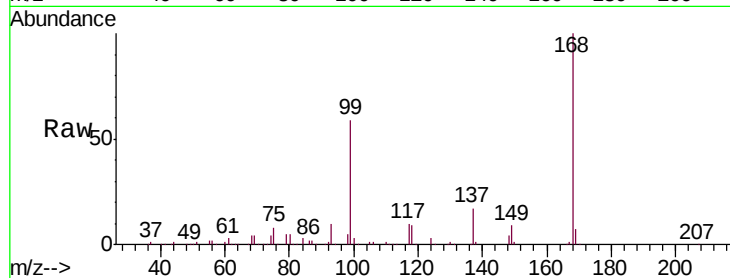
Tgt Ion: 56 Resp: 6026

Ion Ratio Lower Upper

56 100

69 166.0 25.5 38.3#

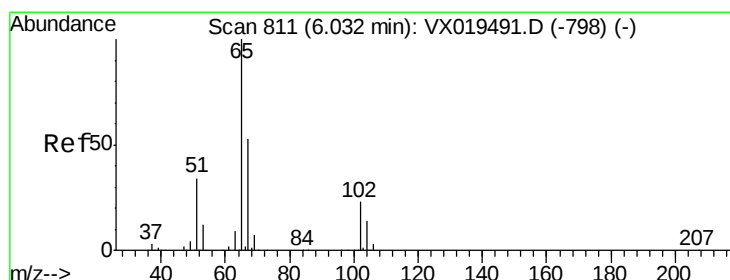
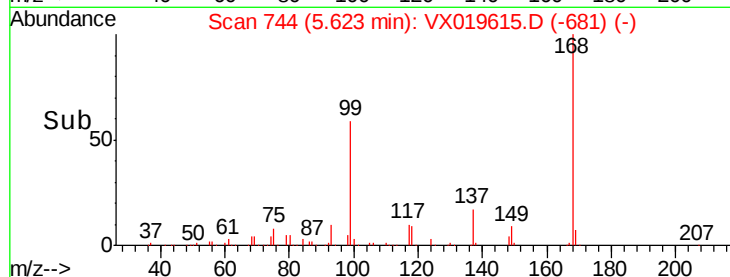
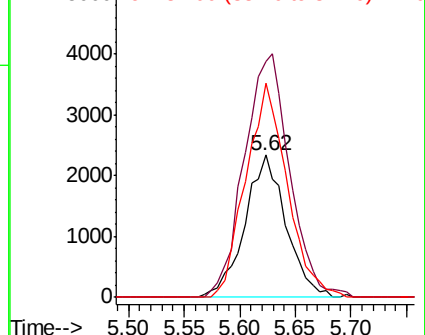
84 151.2 71.1 106.7#



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: 47.508 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019615.D

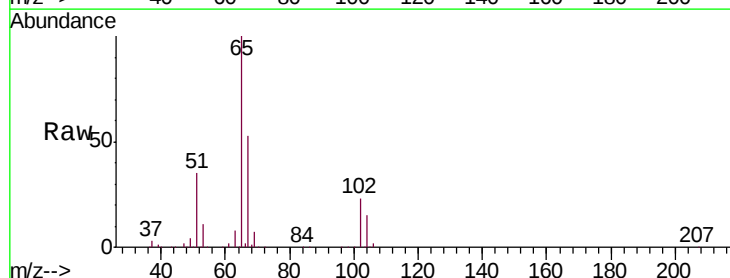
Acq: 24 Nov 2020 19:01

Tgt Ion: 65 Resp: 189989

Ion Ratio Lower Upper

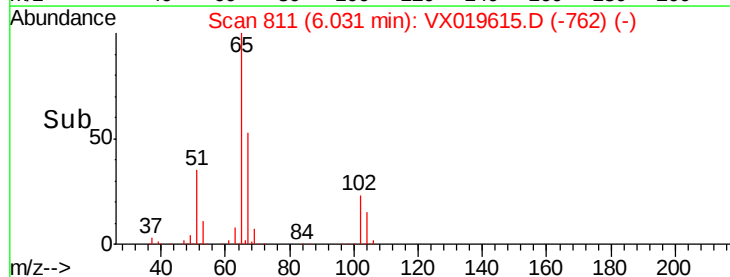
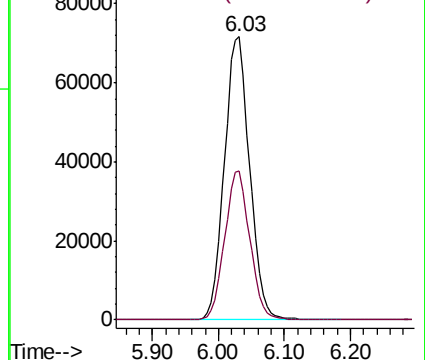
65 100

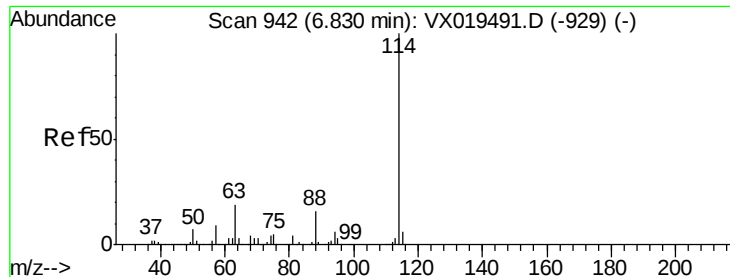
67 52.0 0.0 105.0



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: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

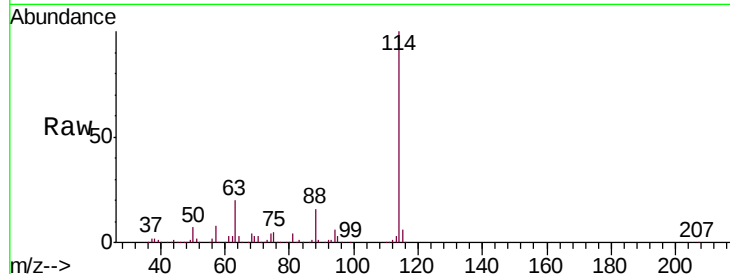
Tgt Ion:114 Resp: 508031

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

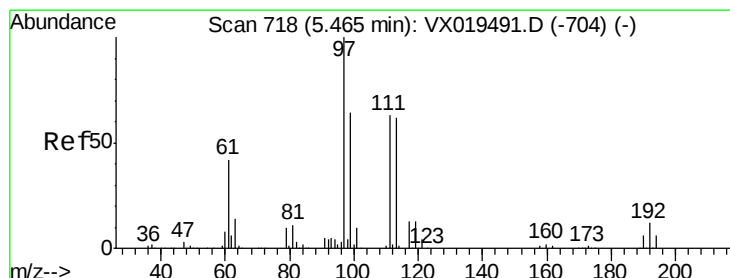
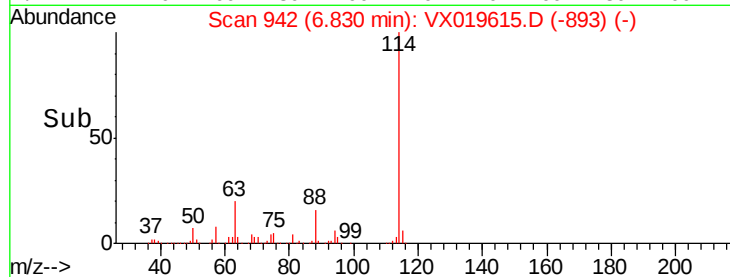
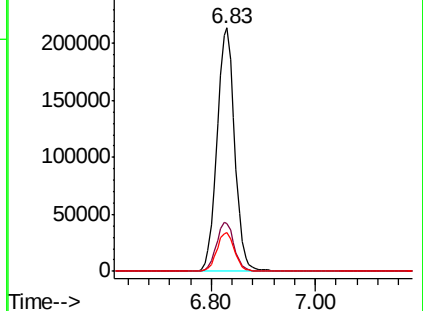
88 16.0 0.0 31.6



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: 47.167 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

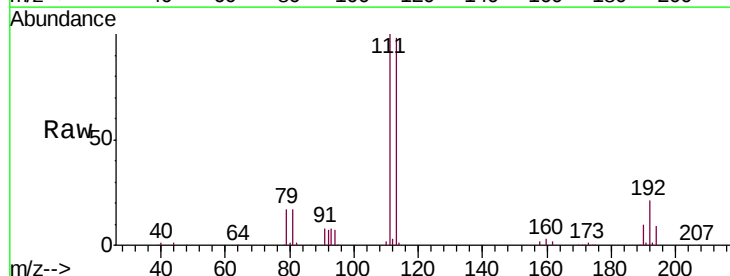
Tgt Ion:113 Resp: 150410

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

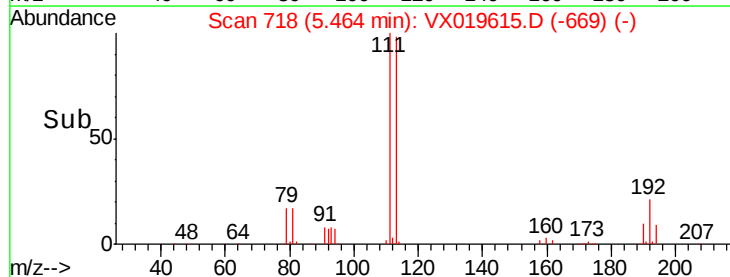
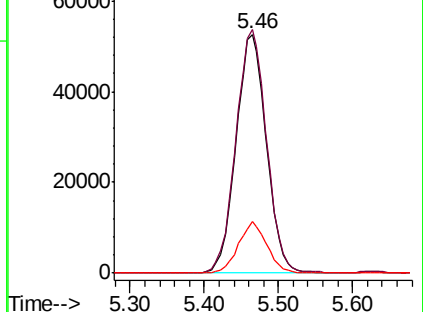
192 20.2 16.2 24.2

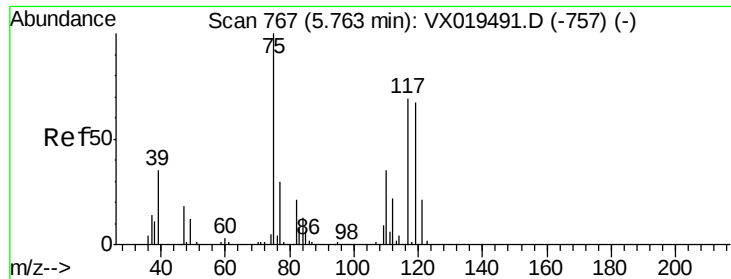


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

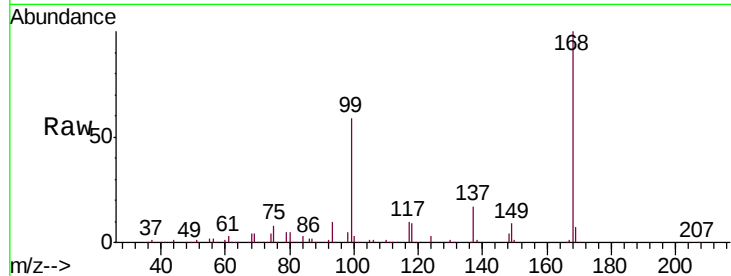
Tgt Ion: 75 Resp: 23261

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

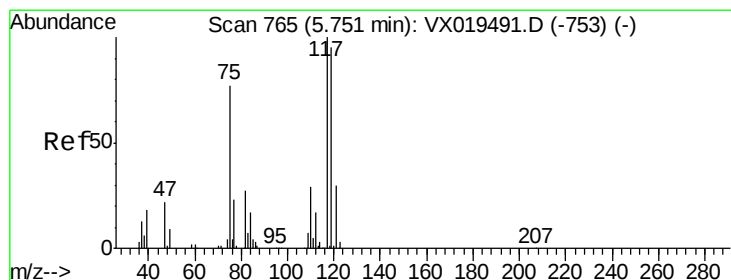
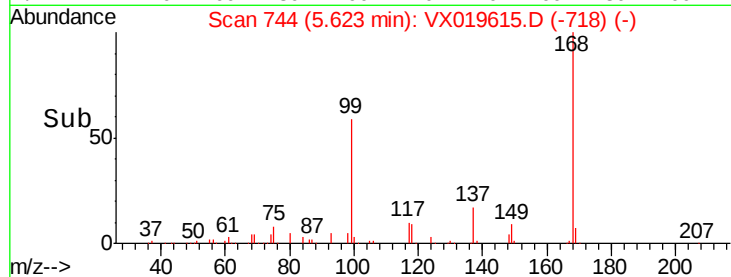
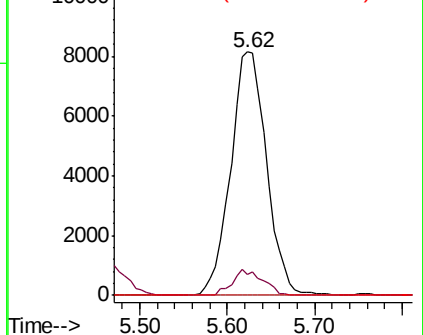
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.548 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

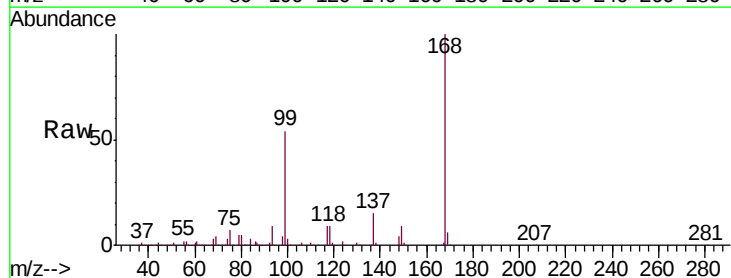
Tgt Ion: 117 Resp: 30185

Ion Ratio Lower Upper

117 100

119 5.6 75.9 113.9#

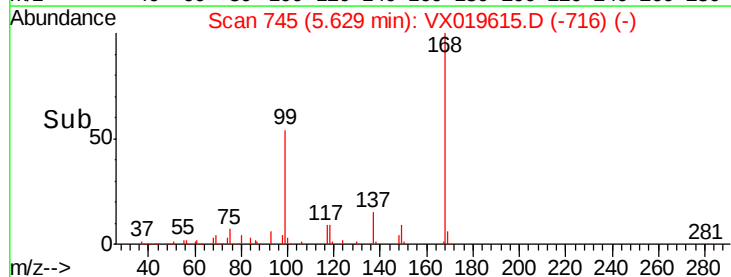
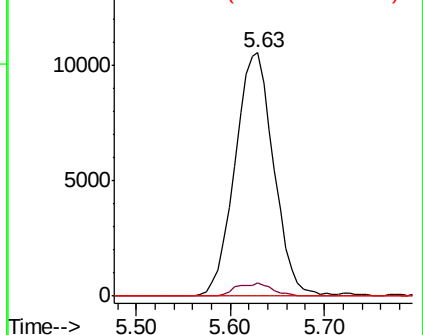
121 0.0 24.0 36.0#

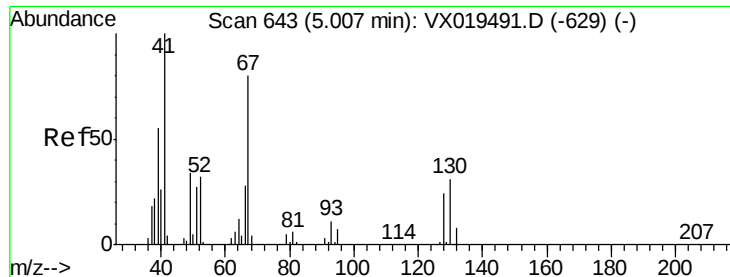


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#41

Methacrylonitrile

Concen: 0.354 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.10 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

Tgt Ion: 41 Resp: 872

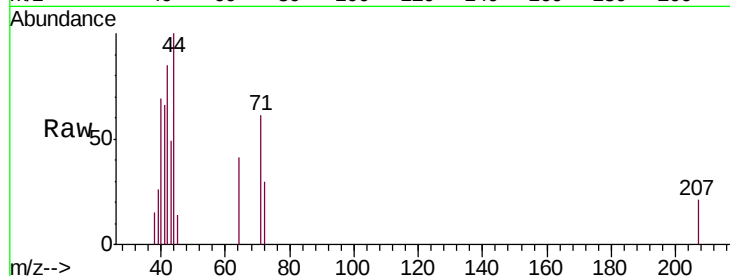
Ion Ratio Lower Upper

41 100

39 45.6 43.3 64.9

67 0.0 66.0 99.0#

52 0.0 25.4 38.2#

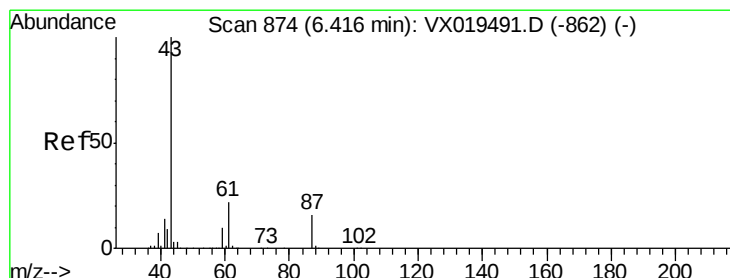
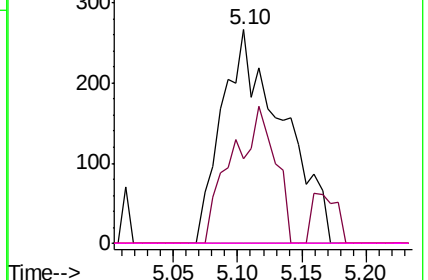
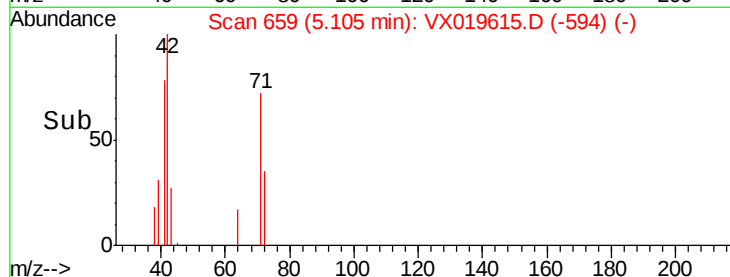


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#43

Isopropyl Acetate

Concen: 7.582 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

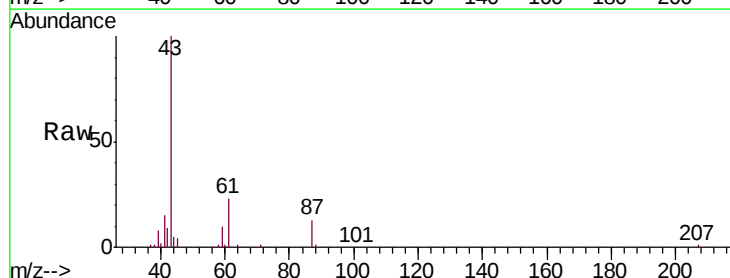
Tgt Ion: 43 Resp: 56989

Ion Ratio Lower Upper

43 100

61 22.6 18.2 27.2

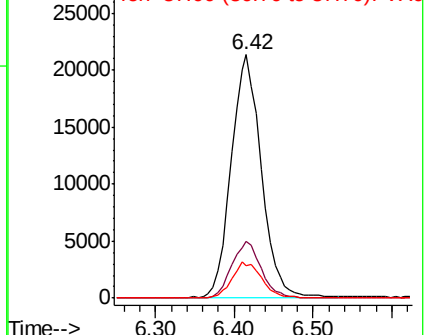
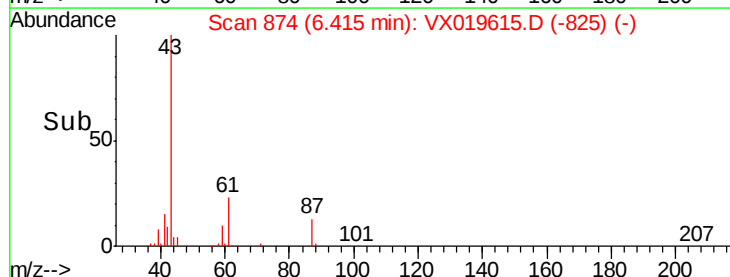
87 14.5 12.6 18.8

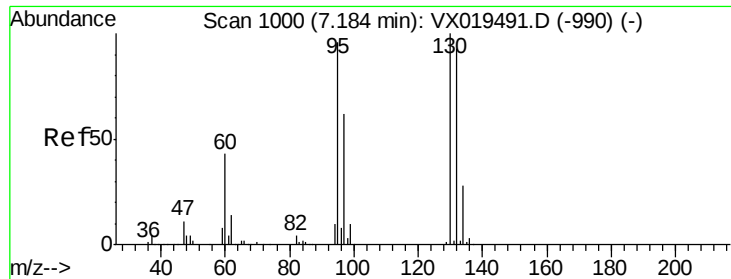


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

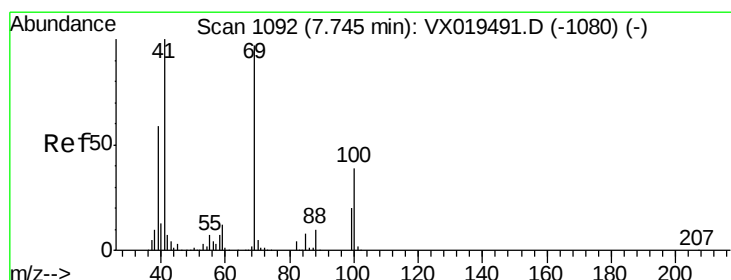
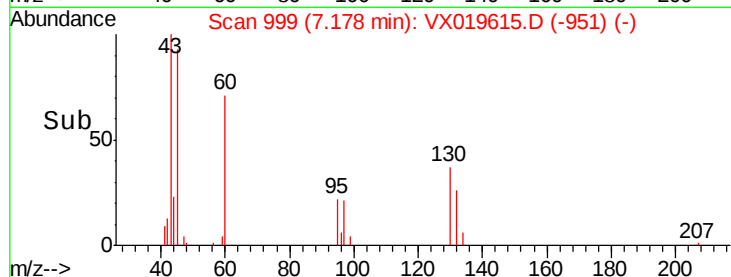
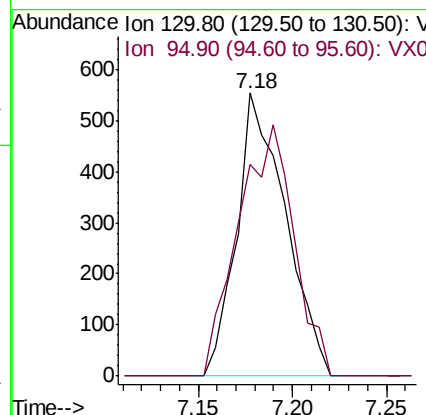
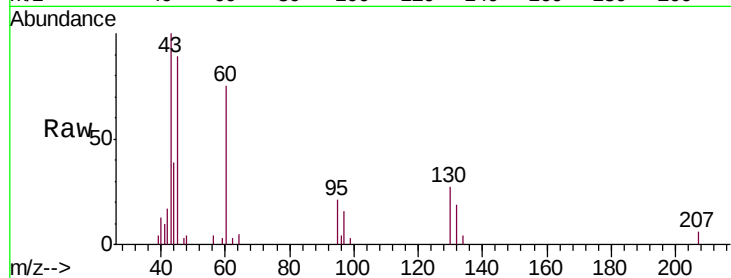




#44
 Trichloroethene
 Concen: 0.259 ug/l
 RT: 7.18 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

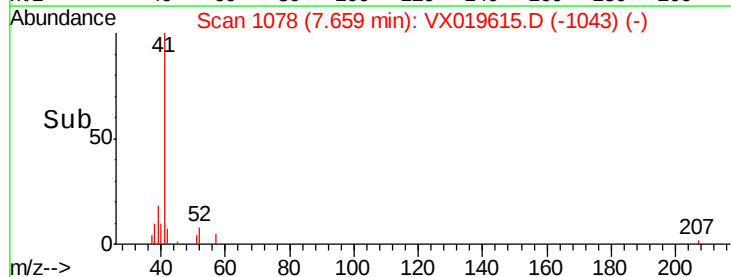
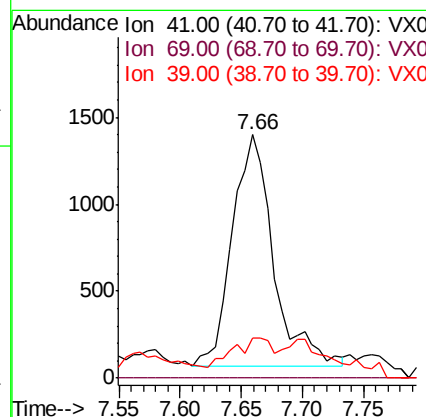
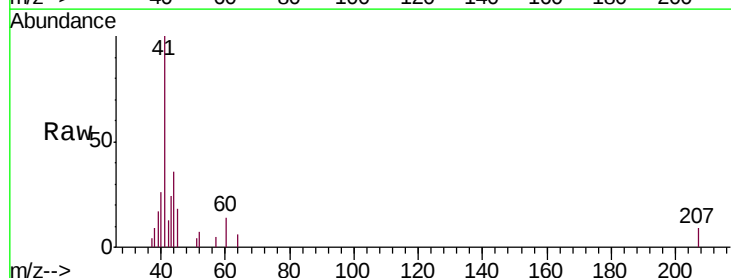
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B48-112320-0-1

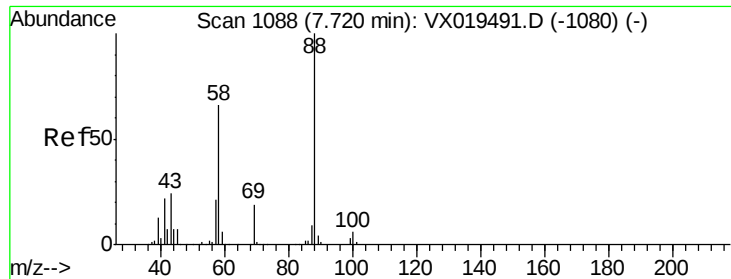
Tgt Ion: 130 Resp: 993
 Ion Ratio Lower Upper
 130 100
 95 74.9 0.0 191.2



#48
 Methyl methacrylate
 Concen: 0.888 ug/l
 RT: 7.66 min Scan# 1078
 Delta R.T. -0.09 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

Tgt Ion: 41 Resp: 3126
 Ion Ratio Lower Upper
 41 100
 69 0.0 77.0 115.6#
 39 0.0 45.6 68.4#





#49

1,4-Dioxane

Concen: 1.927 ug/l

RT: 7.85 min Scan# 1109

Delta R.T. 0.13 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

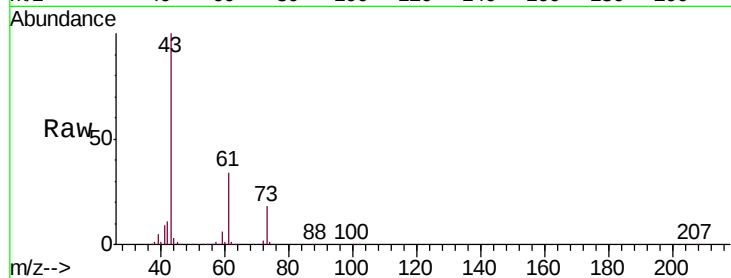
Tgt Ion: 88 Resp: 154

Ion Ratio Lower Upper

88 100

43 624146.1 23.8 35.6#

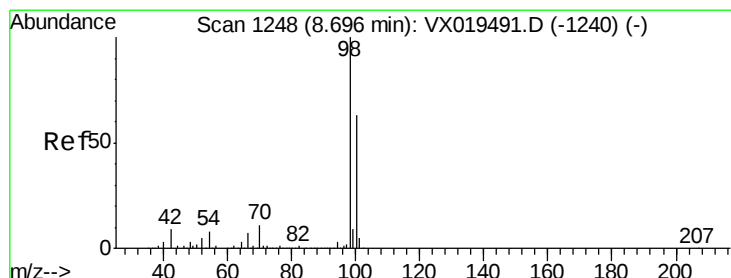
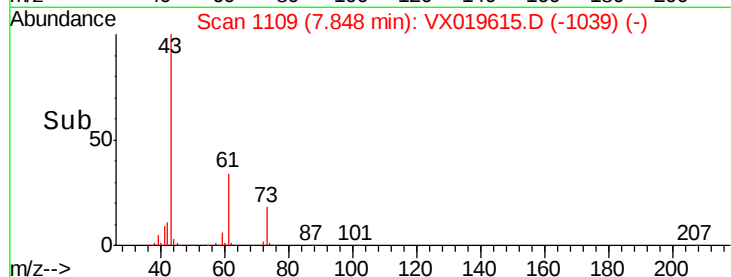
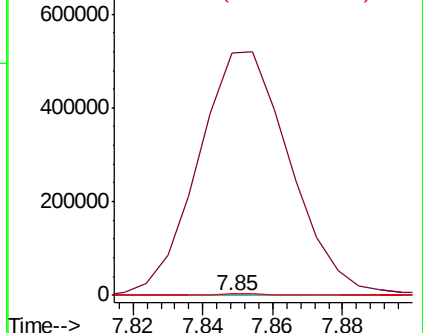
58 3270.8 54.2 81.2#



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: 48.736 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019615.D

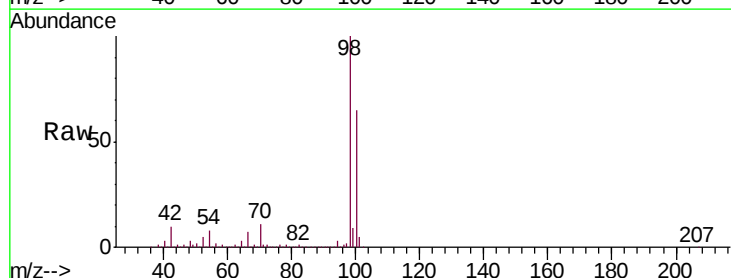
Acq: 24 Nov 2020 19:01

Tgt Ion: 98 Resp: 603921

Ion Ratio Lower Upper

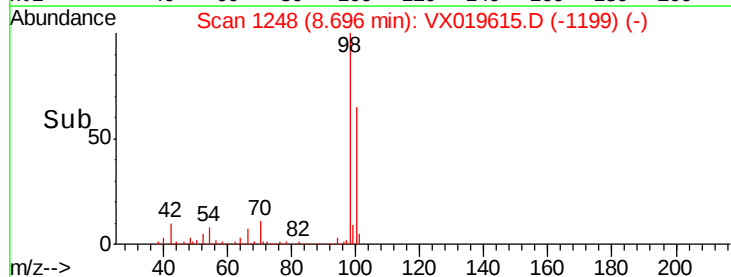
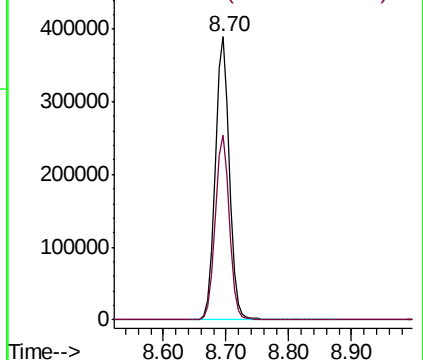
98 100

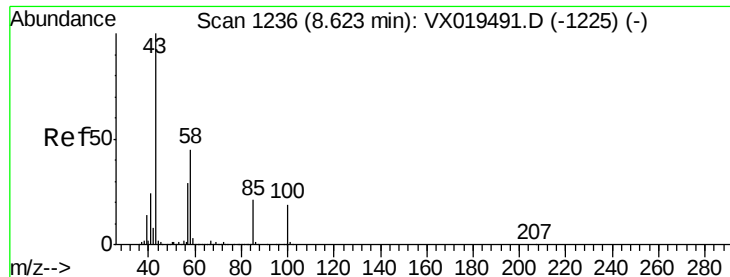
100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

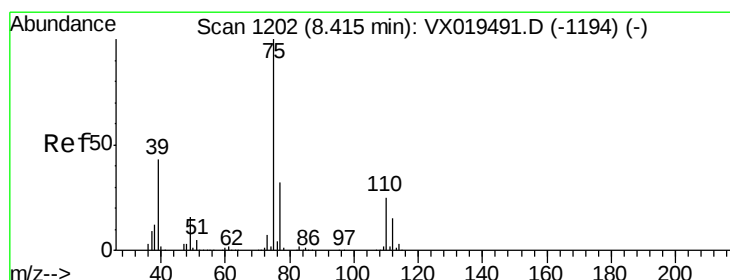
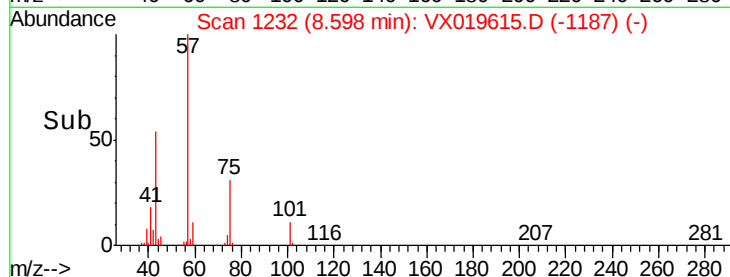
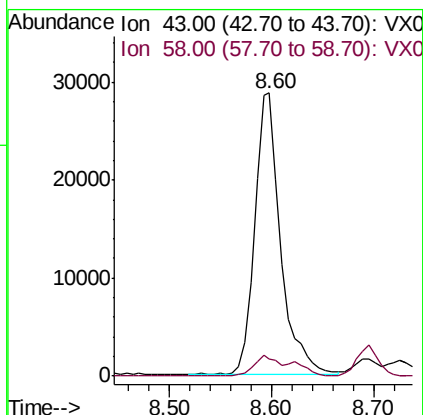
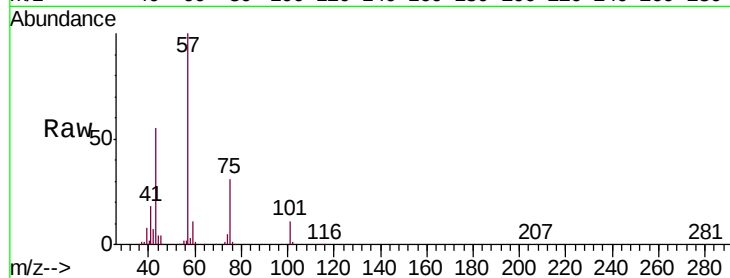




#51
 4-Methyl-2-Pentanone
 Concen: 11.670 ug/l
 RT: 8.60 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

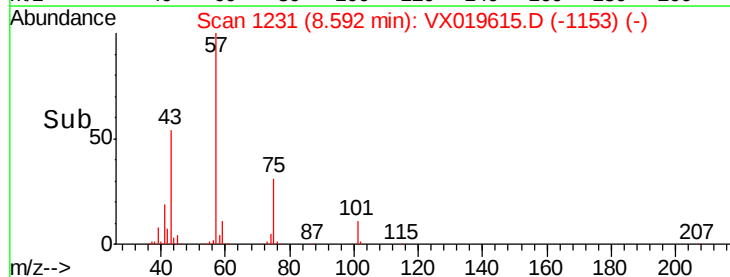
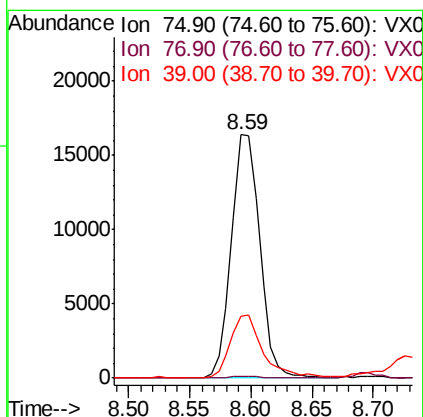
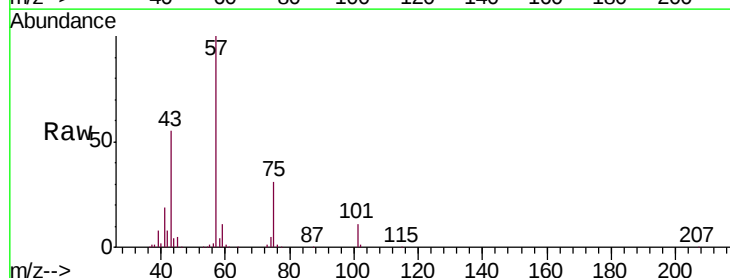
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B48-112320-0-1

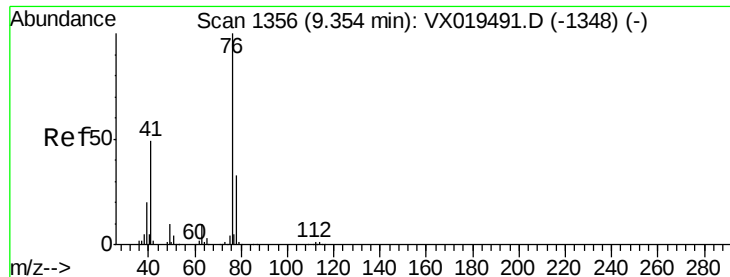
Tgt Ion: 43 Resp: 51150
 Ion Ratio Lower Upper
 43 100
 58 10.5 35.1 52.7#



#54
 cis-1,3-Dichloropropene
 Concen: 4.619 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. 0.18 min
 Lab File: VX019615.D
 Acq: 24 Nov 2020 19:01

Tgt Ion: 75 Resp: 26489
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.8 38.6#
 39 25.4 34.6 51.8#





#57

1,3-Dichloropropane

Concen: 0.769 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

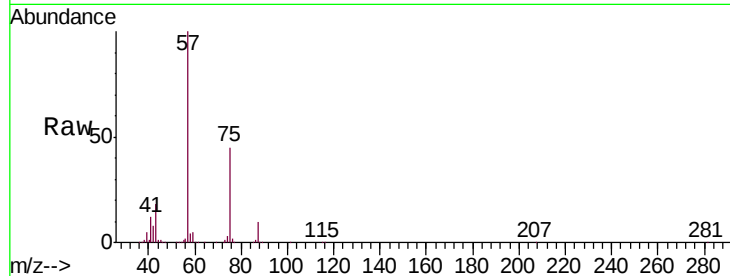
PAV-B48-112320-0-1

Tgt Ion: 76 Resp: 4695

Ion Ratio Lower Upper

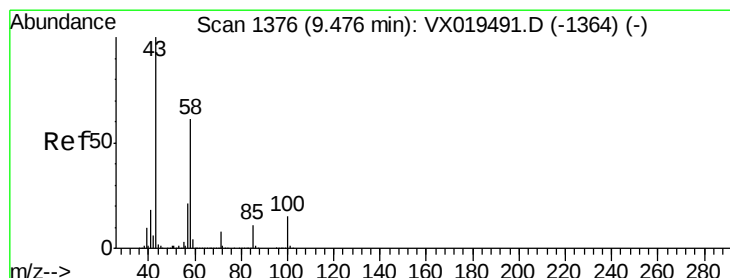
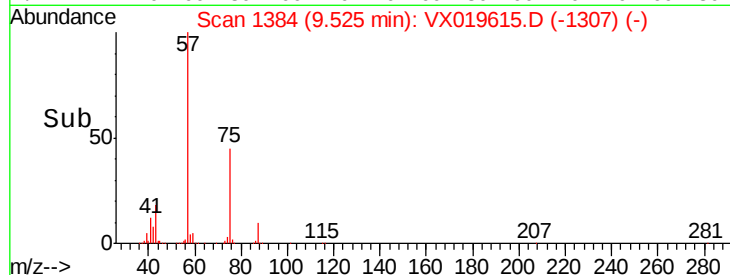
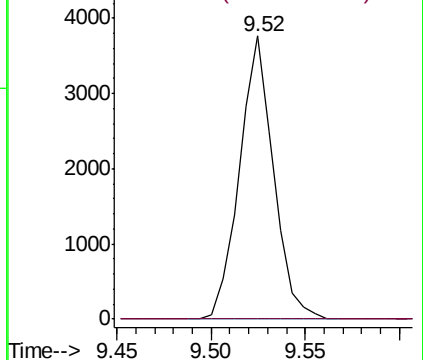
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 17.016 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX019615.D

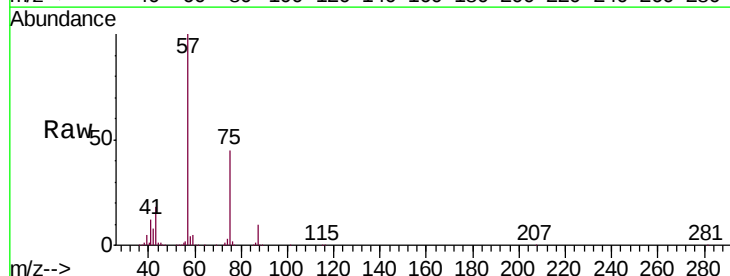
Acq: 24 Nov 2020 19:01

Tgt Ion: 43 Resp: 56562

Ion Ratio Lower Upper

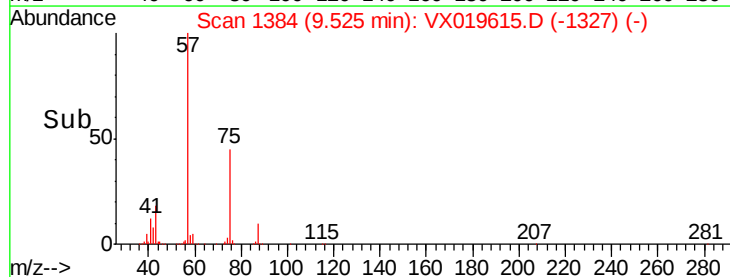
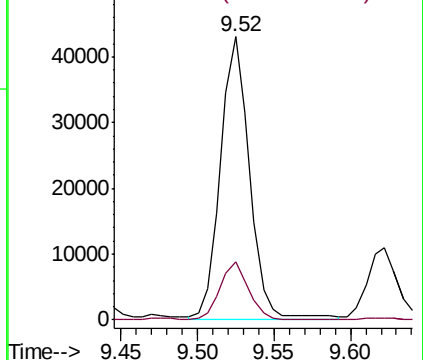
43 100

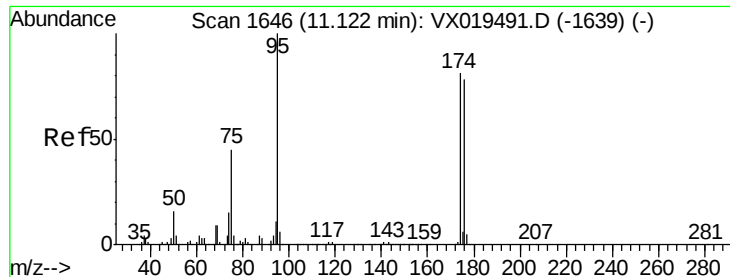
58 20.5 30.6 91.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

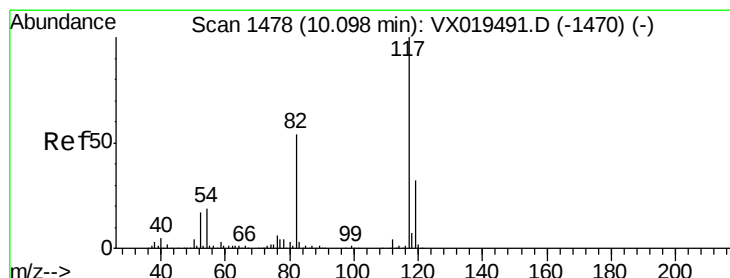
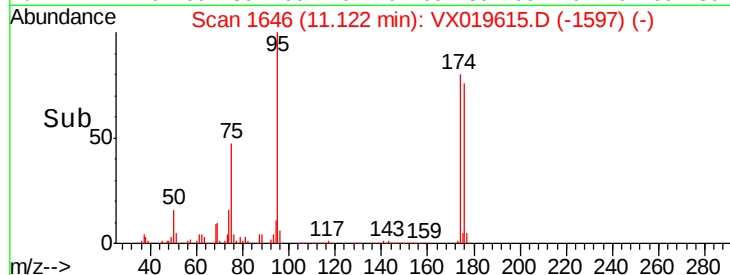
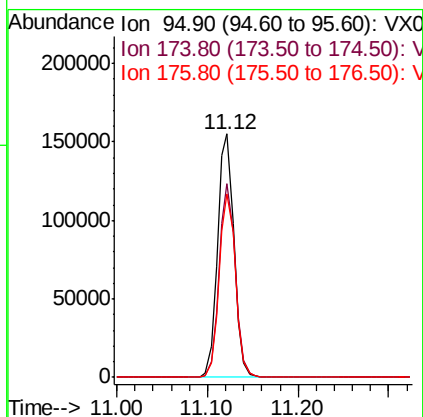
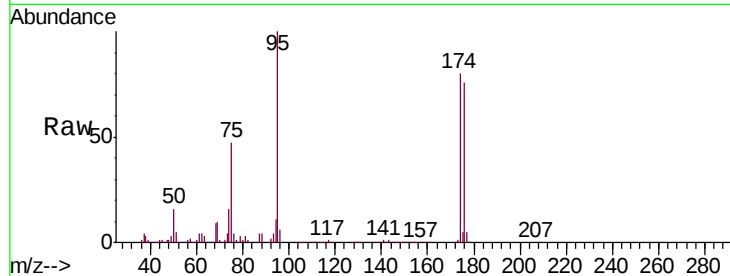




#62
4-Bromofluorobenzene
Concen: 44.108 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

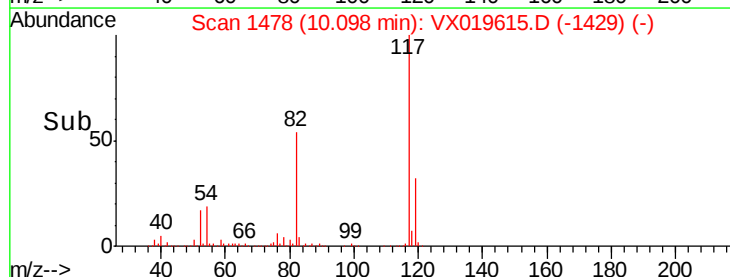
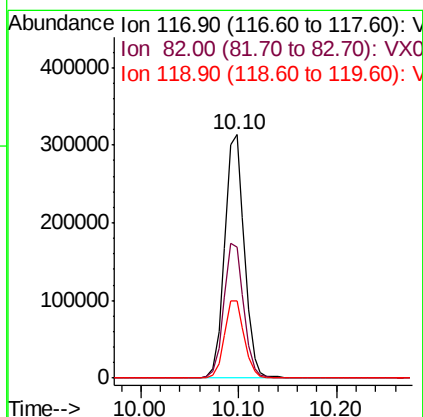
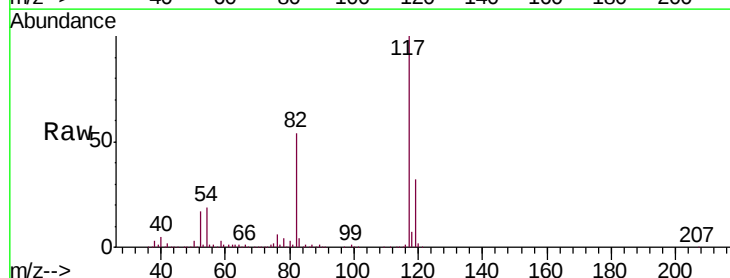
Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-0-1

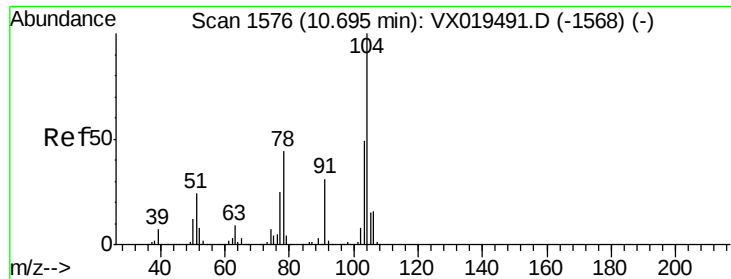
Tgt Ion: 95 Resp: 196652
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.2
176 74.9 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

Tgt Ion: 117 Resp: 436625
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.9 25.6 38.4

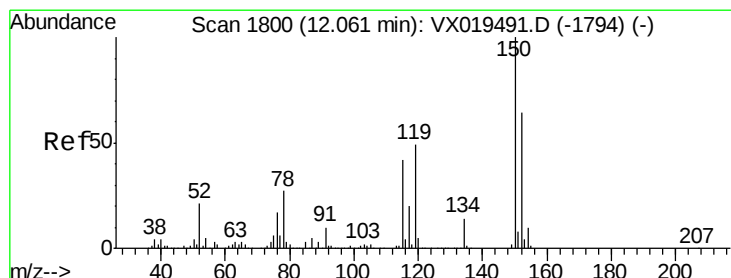
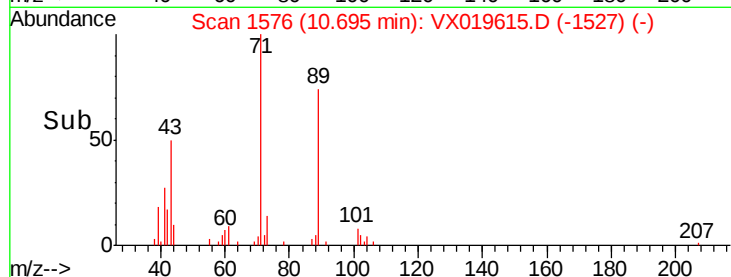
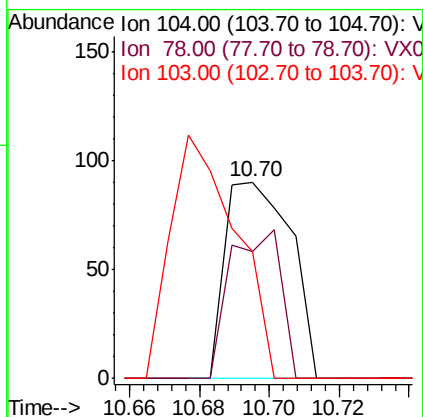
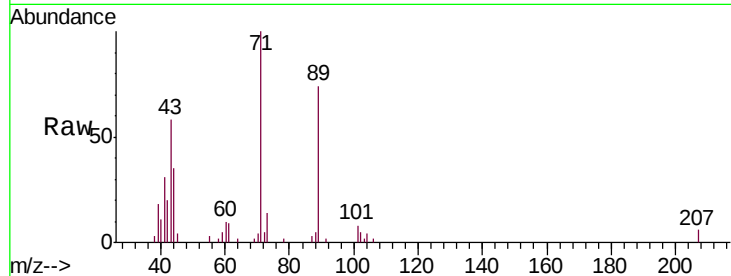




#70
Styrene
Concen: 1.657 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

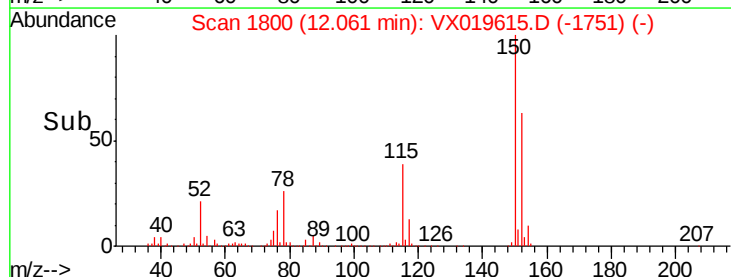
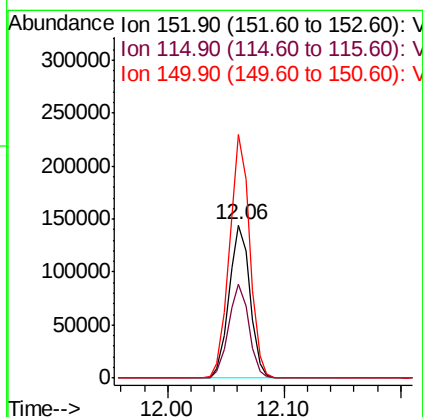
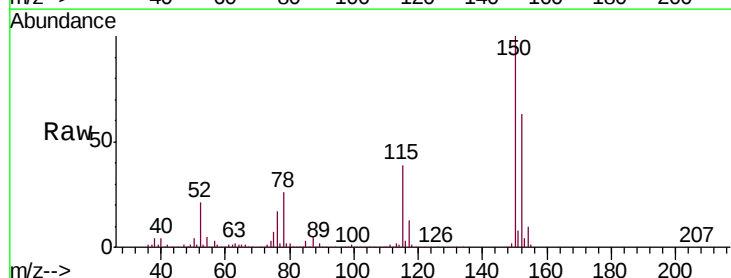
Instrument :
MSVOA_X
ClientSampleId :
PAV-B48-112320-0-1

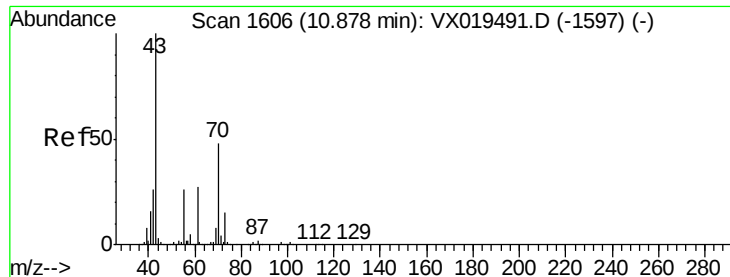
Tgt Ion:104 Resp: 118
Ion Ratio Lower Upper
104 100
78 57.6 39.5 59.3
103 0.0 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019615.D
Acq: 24 Nov 2020 19:01

Tgt Ion:152 Resp: 179965
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 154.4 0.0 348.2





#74

N-amyI acetate

Concen: 0.552 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

Tgt Ion: 43 Resp: 2577

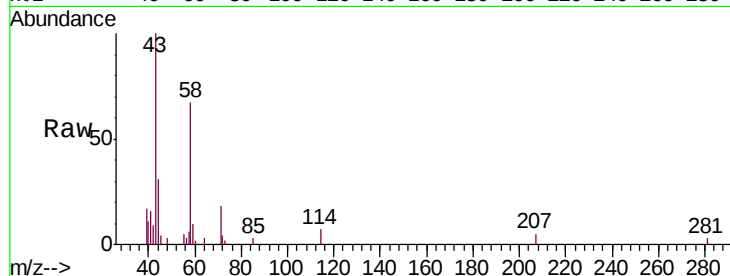
Ion Ratio Lower Upper

43 100

70 0.0 39.7 59.5#

55 10.9 21.8 32.6#

61 0.0 22.2 33.4#

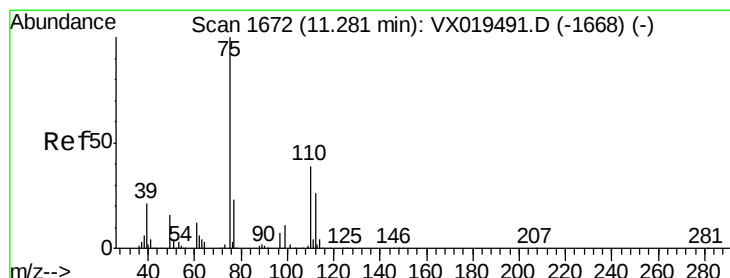
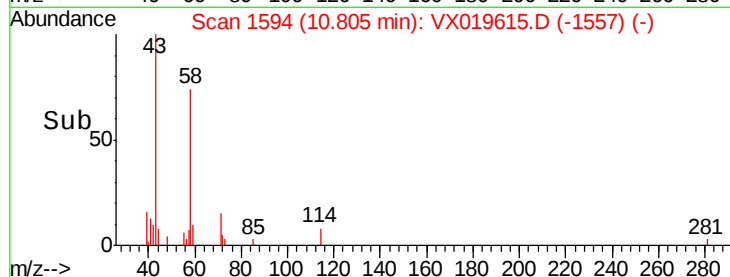
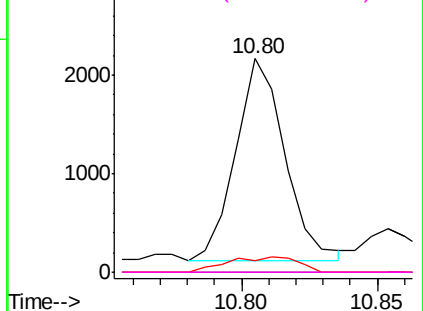


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.310 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019615.D

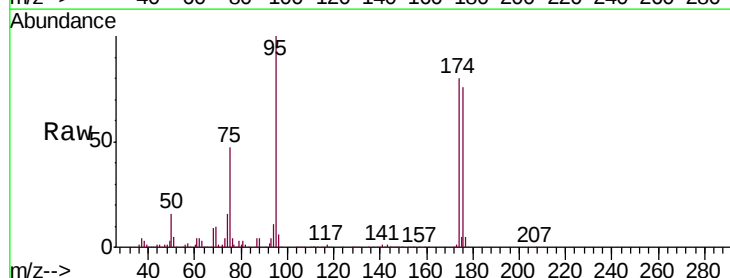
Acq: 24 Nov 2020 19:01

Tgt Ion: 75 Resp: 95478

Ion Ratio Lower Upper

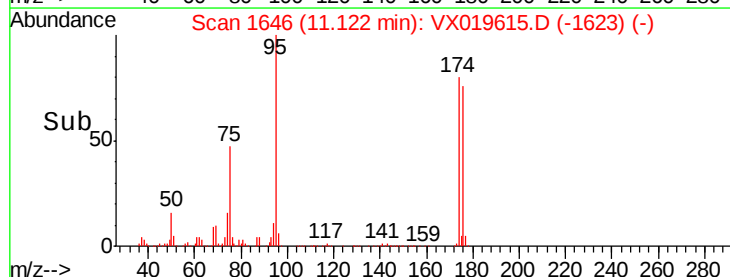
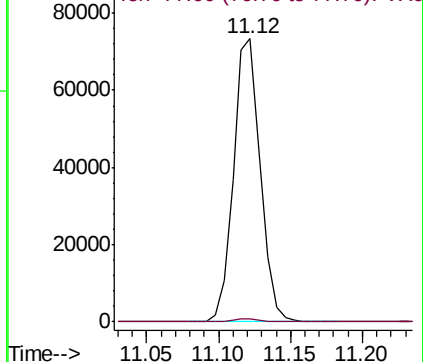
75 100

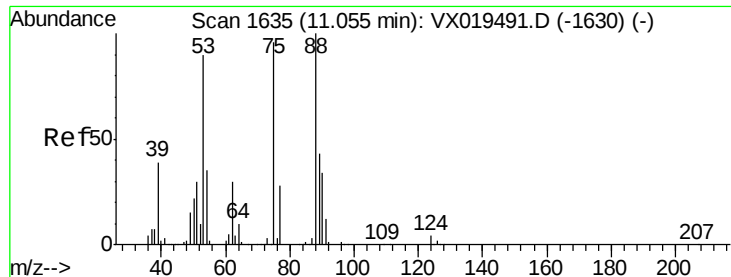
77 1.1 20.0 60.0#



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: 64.335 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PAV-B48-112320-0-1

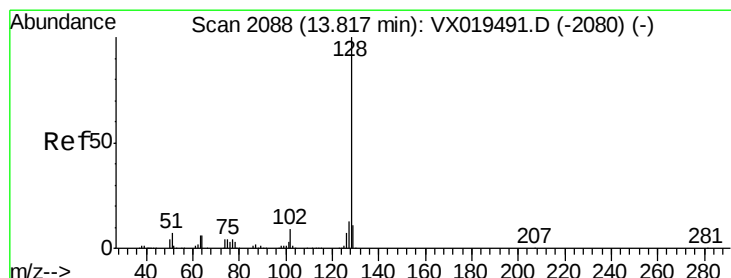
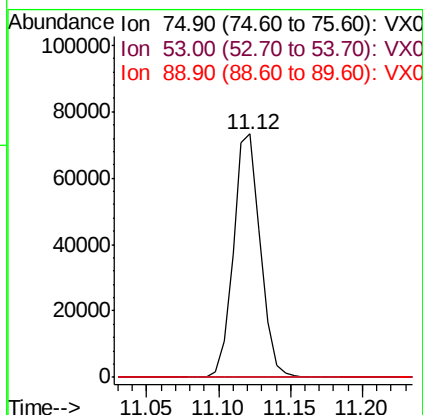
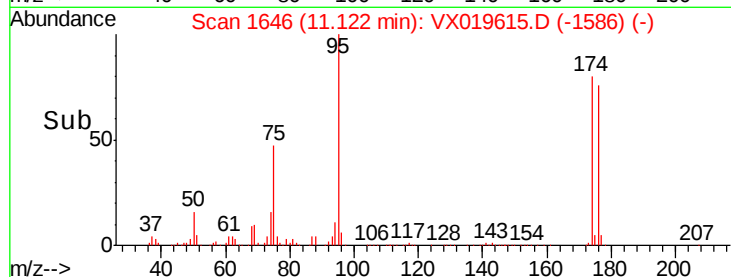
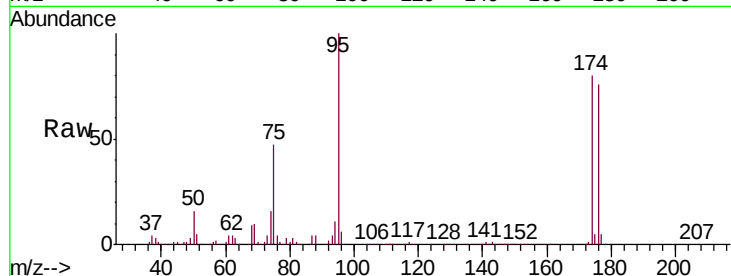
Tgt Ion: 75 Resp: 95478

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.3 55.9#



#95

Naphthalene

Concen: 2.252 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019615.D

Acq: 24 Nov 2020 19:01

Tgt Ion: 128 Resp: 1026

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 8.5 8.7 13.1#

