

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064854.D
 Acq On : 25 Nov 2020 14:17
 Operator : JC/MD
 Sample : PB133268TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133268TB

Quant Time: Nov 26 03:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	297914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	322497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136144	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	102145	52.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.62%	
35) Dibromofluoromethane		7.55	113	94888	53.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.46%	
50) Toluene-d8		10.06	98	388424	53.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.66%	
62) 4-Bromofluorobenzene		12.38	95	149217	57.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.48%	

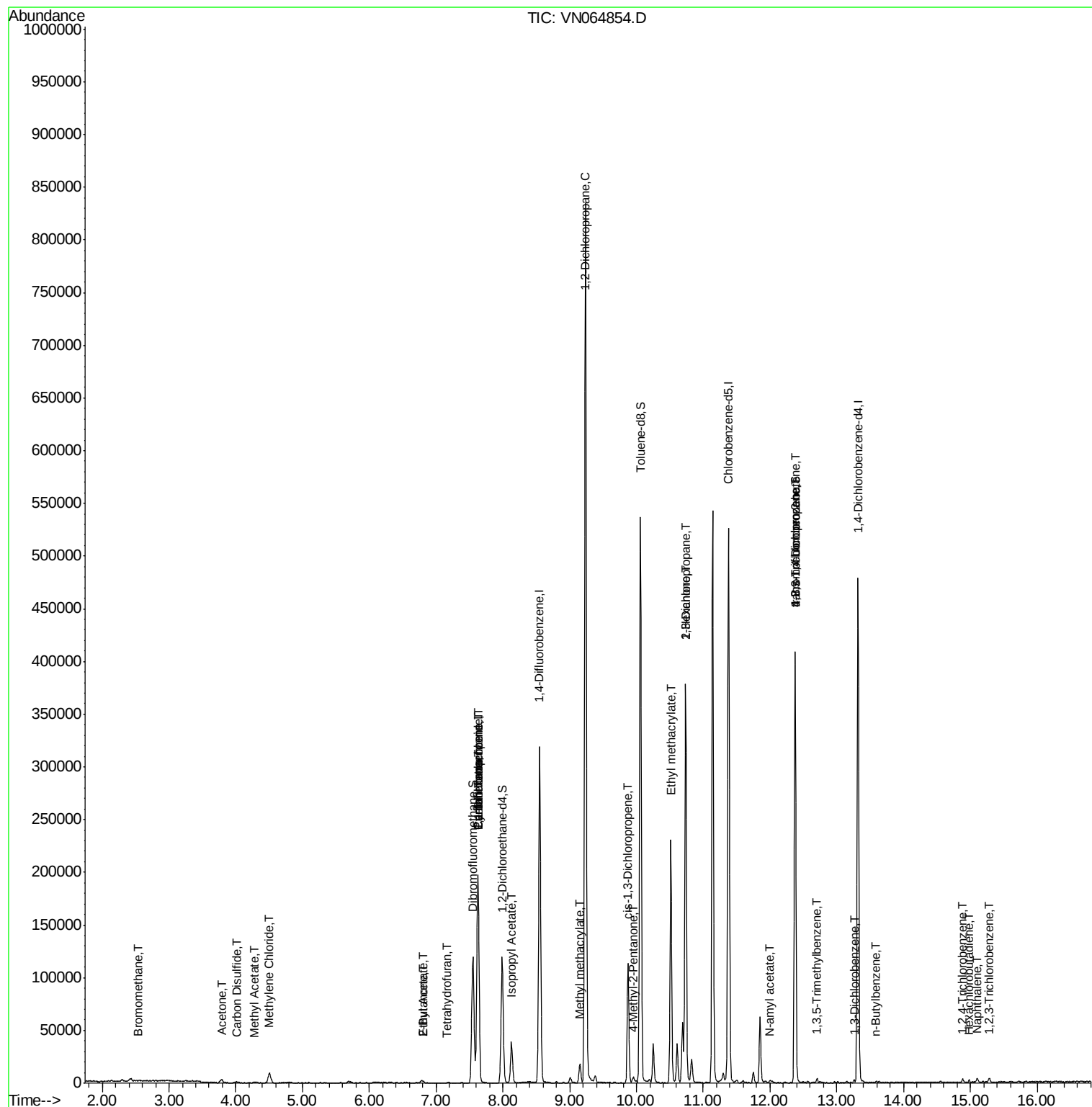
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	449	0.347	ug/l #	66
16) Acetone	3.78	43	5726	8.920	ug/l	99
17) Carbon Disulfide	4.01	76	1993	0.479	ug/l #	75
18) Methyl Acetate	4.28	43	665	0.345	ug/l #	85
20) Methylene Chloride	4.50	84	7971	3.963	ug/l	90
25) 2-Butanone	6.81	43	1102	1.059	ug/l #	49
29) Tetrahydrofuran	7.17	42	218	0.303	ug/l #	32
31) Cyclohexane	7.62	56	3117	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11493	4.162	ug/l #	45
37) Ethyl Acetate	6.81	43	1102	0.414	ug/l #	66
38) Carbon Tetrachloride	7.62	117	15293	5.323	ug/l #	16
43) Isopropyl Acetate	8.13	43	43930	10.264	ug/l	99
45) 1,2-Dichloropropane	9.24	63	1086	0.496	ug/l #	43
48) Methyl methacrylate	9.15	41	2534	1.239	ug/l #	12
51) 4-Methyl-2-Pentanone	9.96	43	3750	1.459	ug/l	99
54) cis-1,3-Dichloropropene	9.87	75	21494	6.112	ug/l #	63
56) Ethyl methacrylate	10.51	69	1136	0.384	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	3936	1.113	ug/l #	42
59) 2-Hexanone	10.74	43	51736	27.976	ug/l #	53
74) N-amyl acetate	12.00	43	1457	0.391	ug/l #	42
76) 1,2,3-Trichloropropane	12.38	75	70088	23.905	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.70	105	2249	0.286	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	70088	65.517	ug/l #	15
87) 1,3-Dichlorobenzene	13.26	146	945	0.208	ug/l	95
89) n-Butylbenzene	13.59	91	1606	0.229	ug/l #	76
93) 1,2,4-Trichlorobenzene	14.88	180	1403	0.509	ug/l #	86
94) Hexachlorobutadiene	14.98	225	606	0.857	ug/l	72
95) Naphthalene	15.10	128	4707	0.570	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.29	180	1703	2.024	ug/l	90

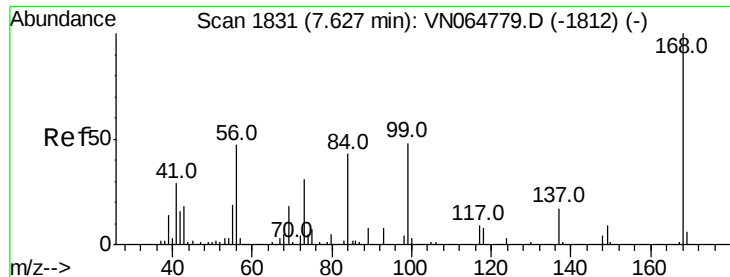
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

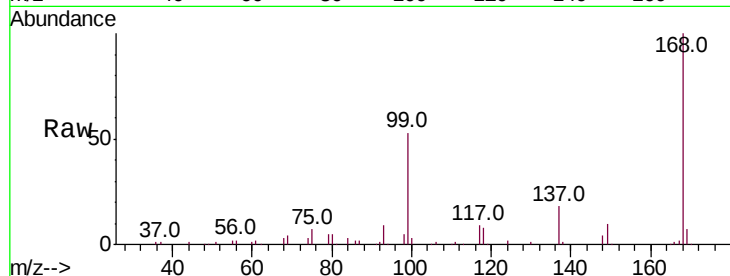
PB133268TB

Tot Ion:168 Resp: 167966

Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

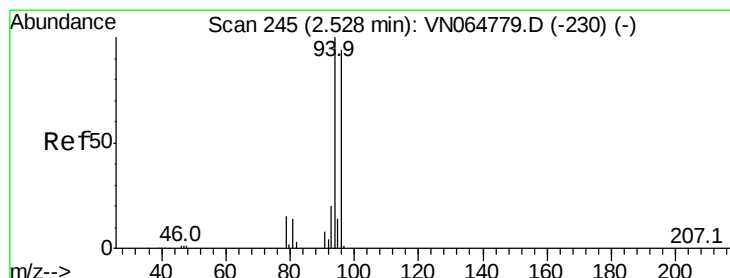
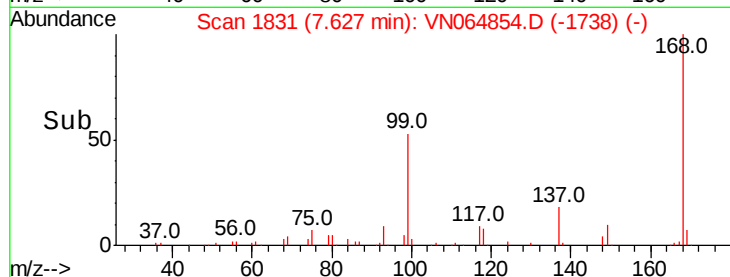
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#5

Bromomethane

Concen: 0.347 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064854.D

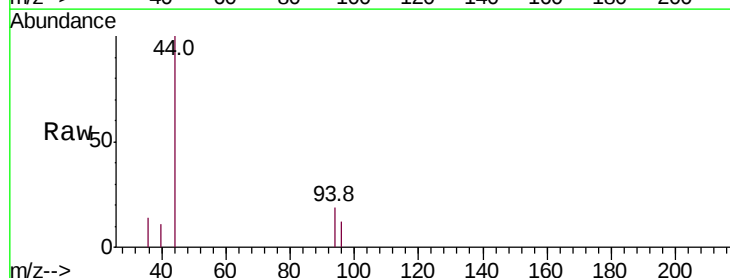
Acq: 25 Nov 2020 14:17

Tgt Ion: 94 Resp: 449

Ion Ratio Lower Upper

94 100

96 60.9 75.4 113.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

300

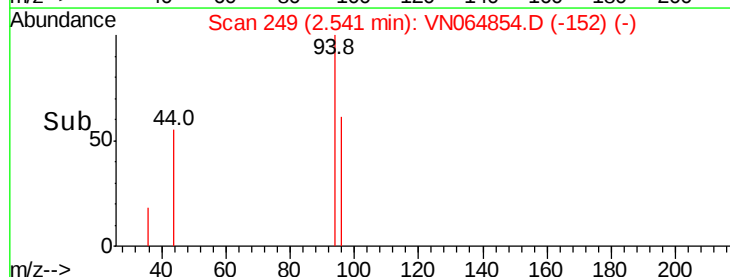
200

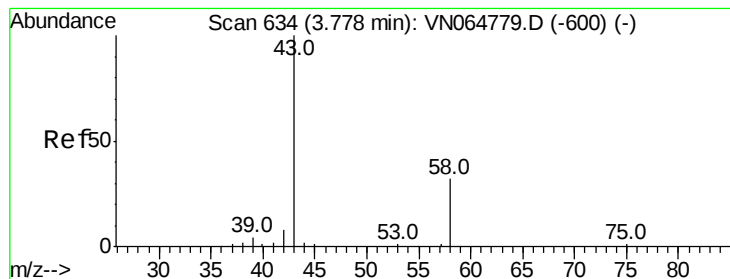
100

0

Time-->

2.52 2.54 2.56





#16

Acetone

Concen: 8.920 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

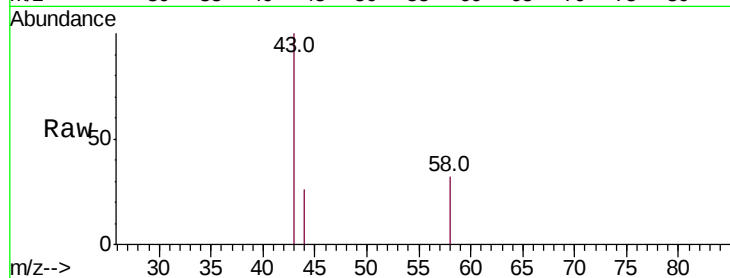
PB133268TB

Tot Ion: 43 Resp: 5726

Ion Ratio Lower Upper

43 100

58 31.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

3.78

2500

2000

1500

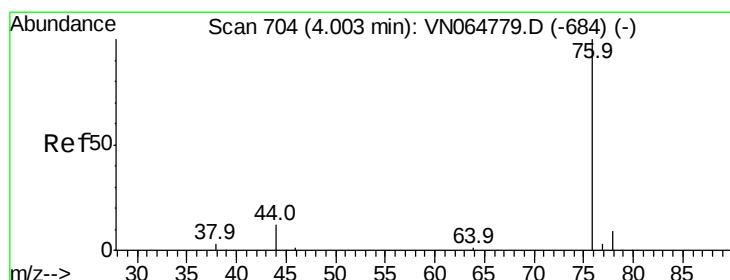
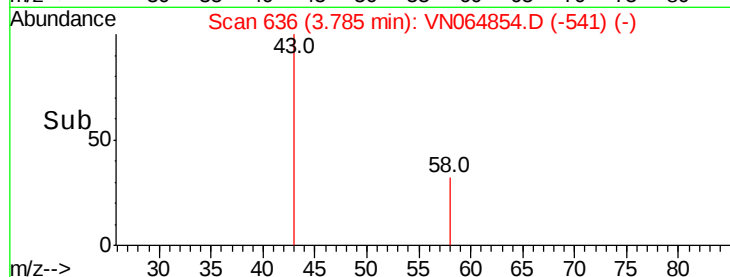
1000

500

0

Time-->

3.70 3.75 3.80 3.85



#17

Carbon Disulfide

Concen: 0.479 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.01 min

Lab File: VN064854.D

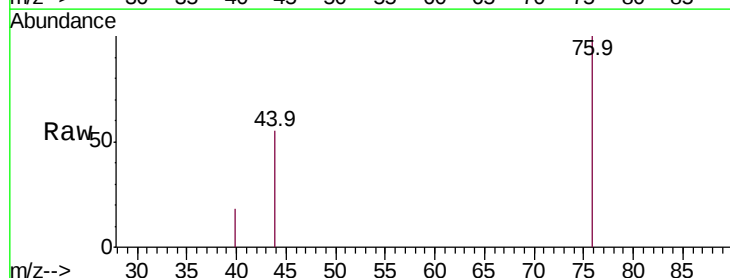
Acq: 25 Nov 2020 14:17

Tgt Ion: 76 Resp: 1993

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)

4.01

1000

800

600

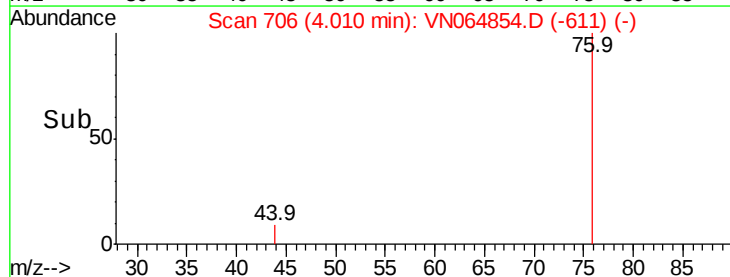
400

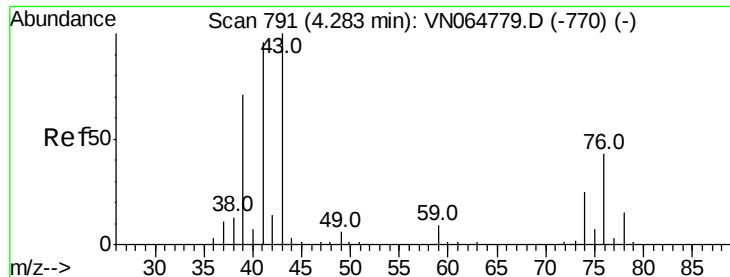
200

0

Time-->

3.95 4.00 4.05





#18

Methyl Acetate

Concen: 0.345 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

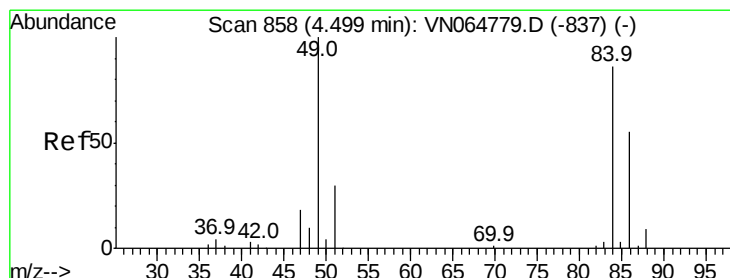
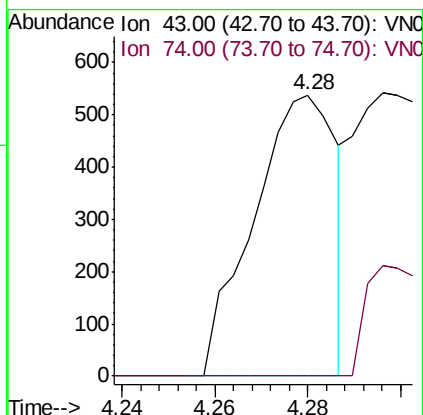
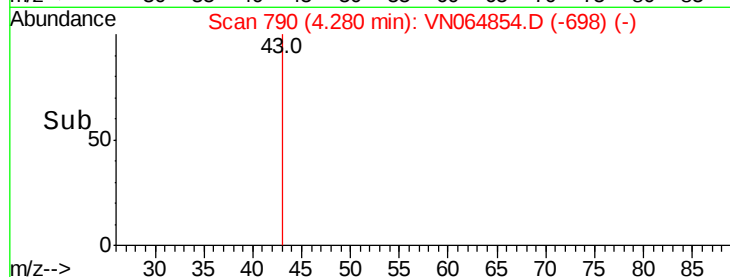
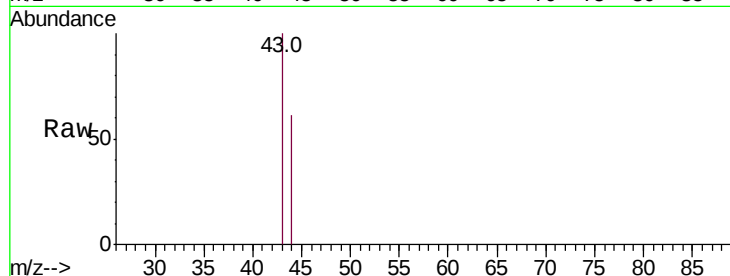
PB133268TB

Tot Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

74 32.6 20.2 30.2#



#20

Methylene Chloride

Concen: 3.963 ug/l

RT: 4.50 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Tgt Ion: 84 Resp: 7971

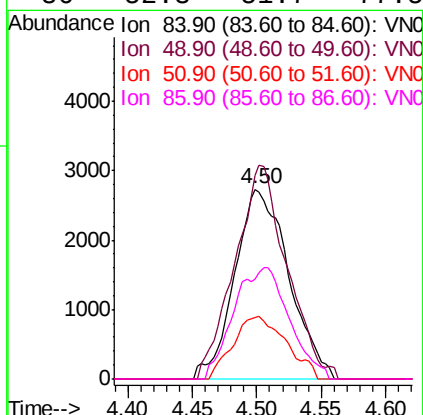
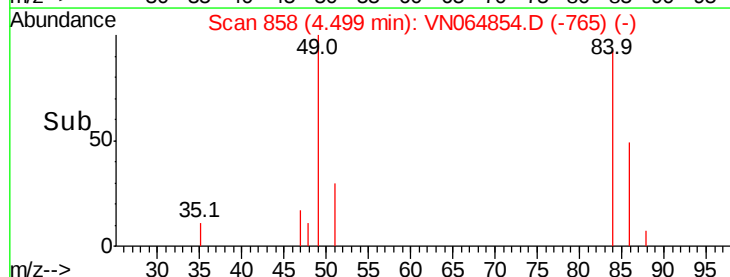
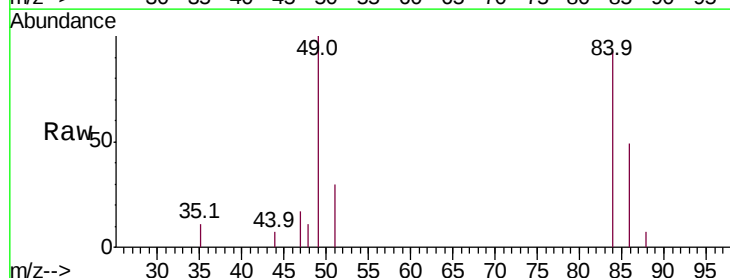
Ion Ratio Lower Upper

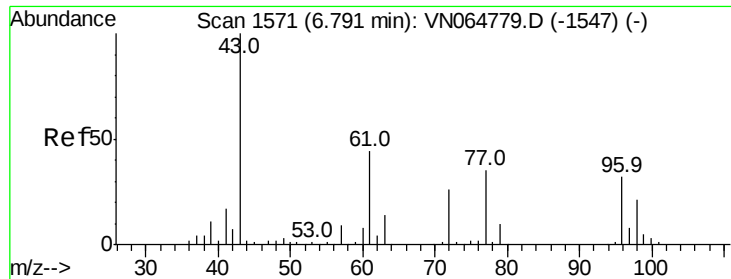
84 100

49 107.2 93.4 140.0

51 32.6 28.2 42.4

86 52.3 51.7 77.5





#25

2-Butanone

Concen: 1.059 ug/l

RT: 6.81 min Scan# 1576

Delta R.T. 0.02 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

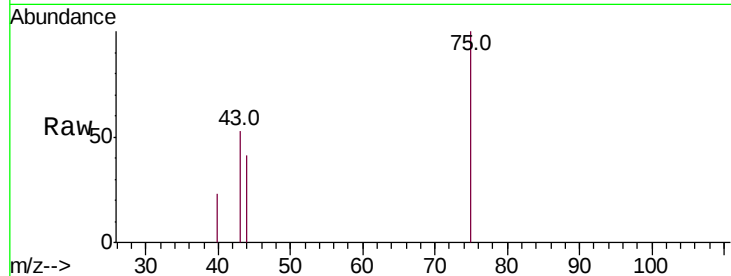
PB133268TB

Tot Ion: 43 Resp: 1102

Ion Ratio Lower Upper

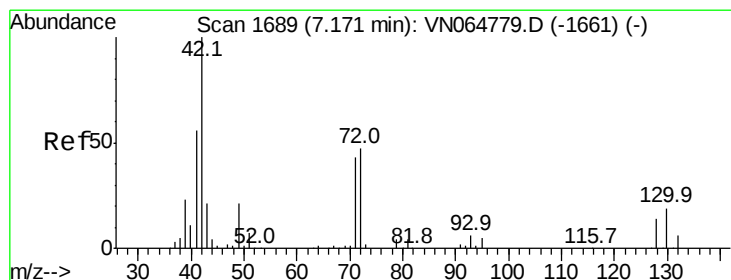
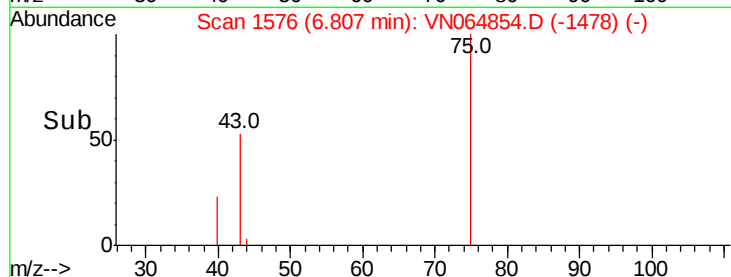
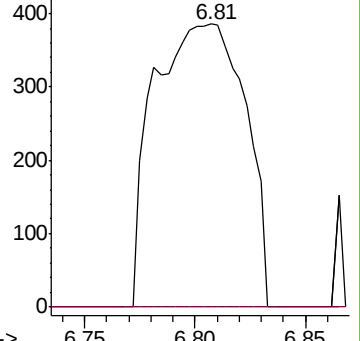
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO



#29

Tetrahydrofuran

Concen: 0.303 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

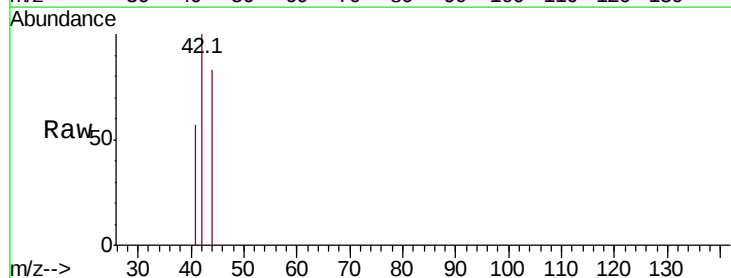
Tgt Ion: 42 Resp: 218

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

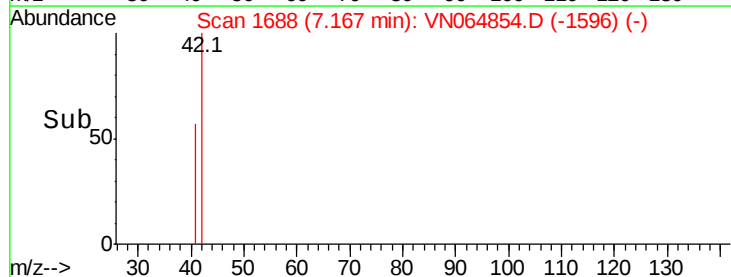
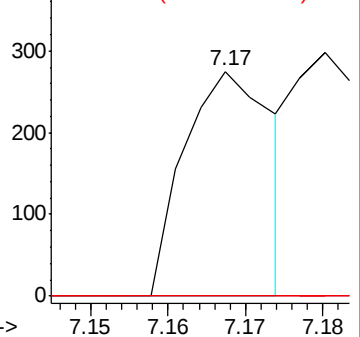
71 0.0 33.6 50.4#

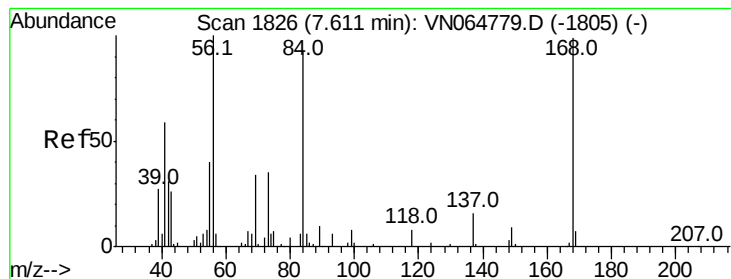


Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO





#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

PB133268TB

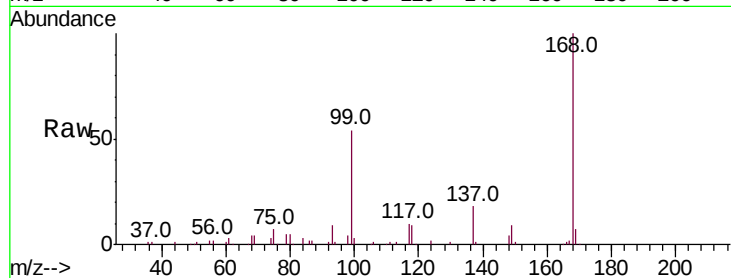
Tot Ion: 56 Resp: 3117

Ion Ratio Lower Upper

56 100

69 220.6 27.5 41.3#

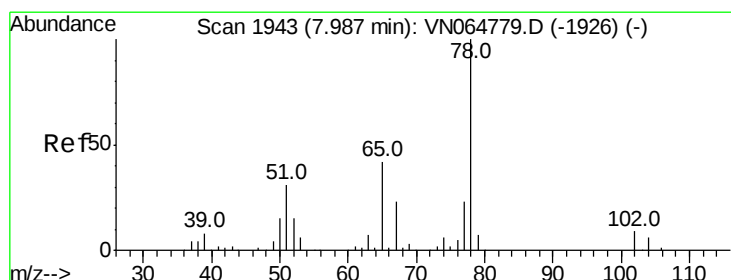
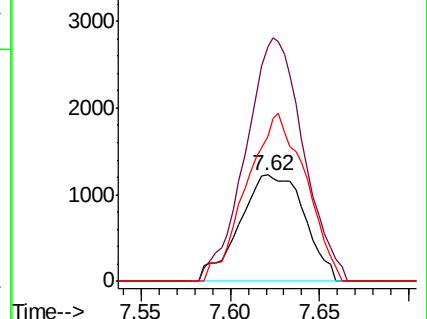
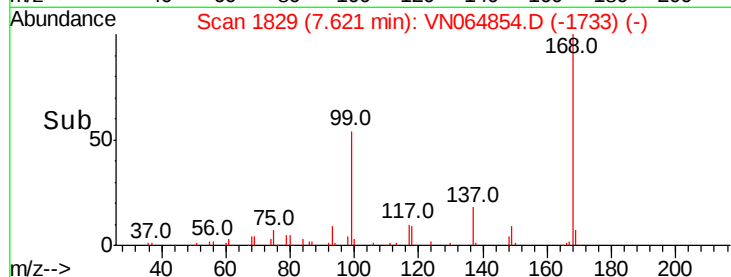
84 136.4 73.9 110.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.309 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064854.D

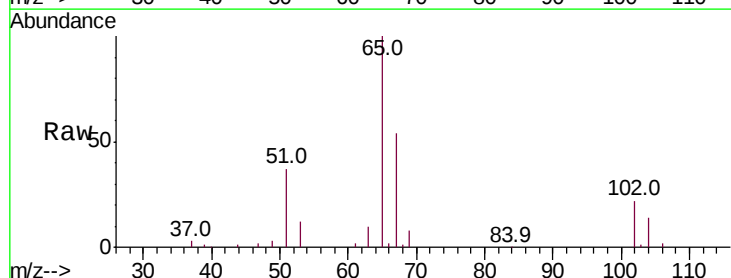
Acq: 25 Nov 2020 14:17

Tgt Ion: 65 Resp: 102145

Ion Ratio Lower Upper

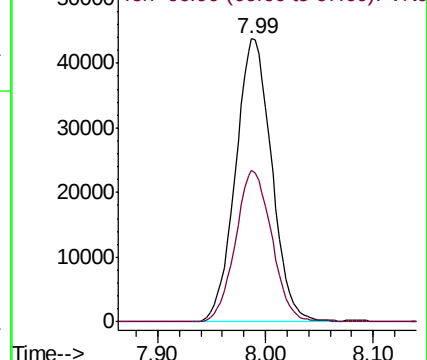
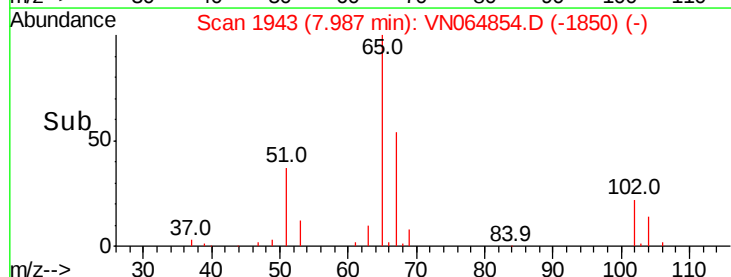
65 100

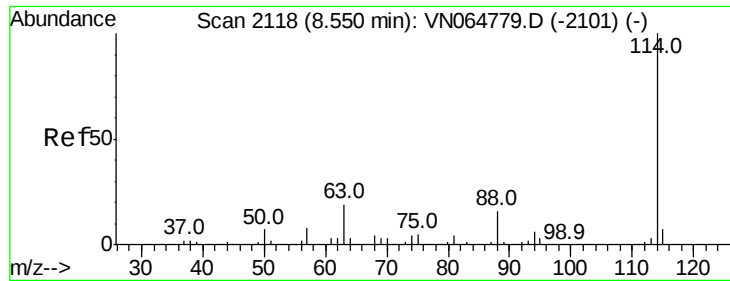
67 53.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

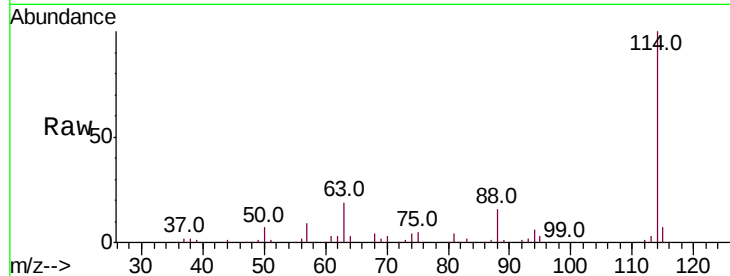




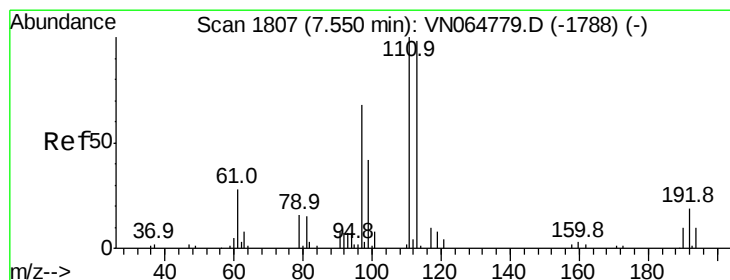
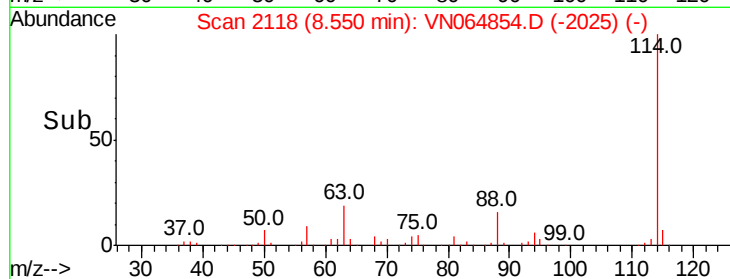
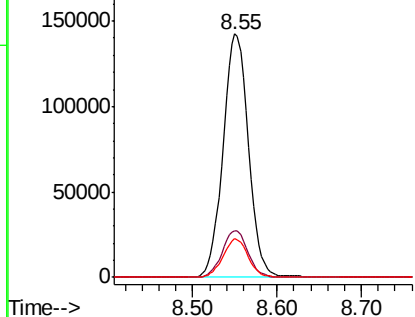
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064854.D
 Acq: 25 Nov 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133268TB

Tot Ion:114 Resp: 297914
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.9 0.0 32.6

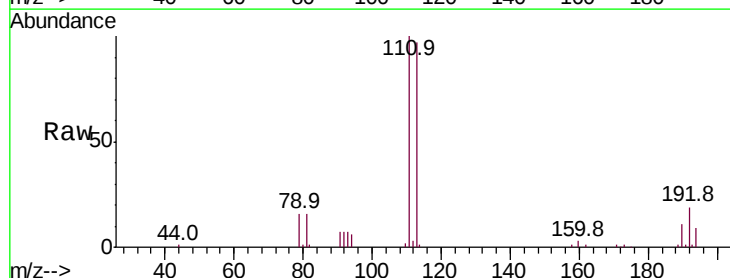


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

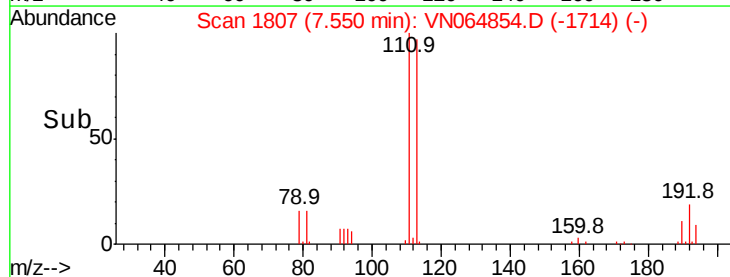
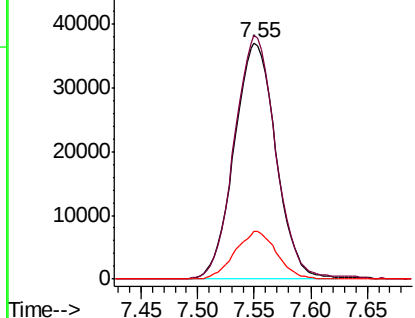


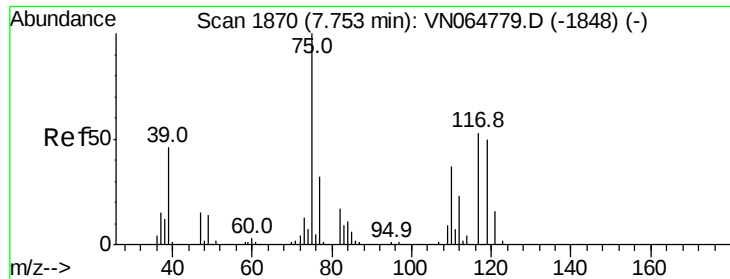
#35
 Dibromofluoromethane
 Concen: 53.229 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064854.D
 Acq: 25 Nov 2020 14:17

Tgt Ion:113 Resp: 94888
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 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: 4.162 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB133268TB

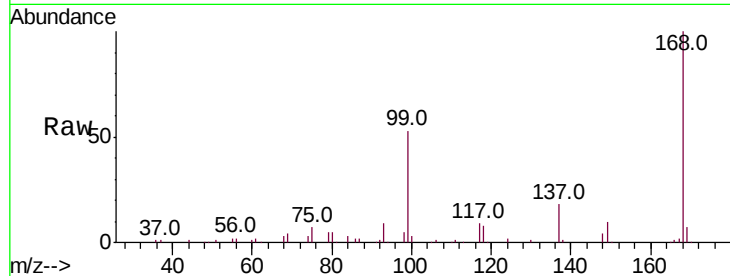
Tot Ion: 75 Resp: 11493

Ion Ratio Lower Upper

75 100

110 3.8 17.8 53.3#

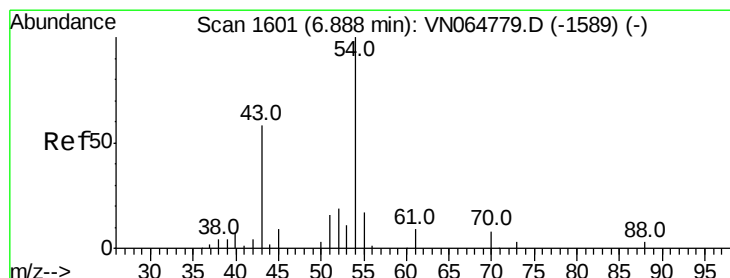
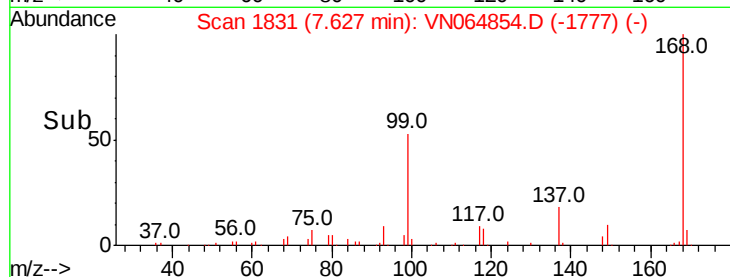
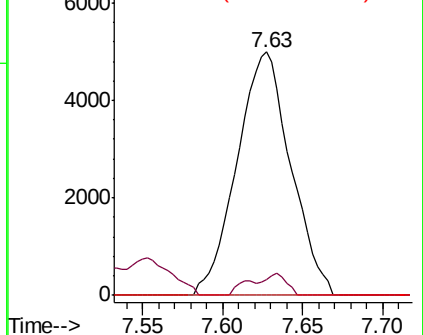
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.414 ug/l

RT: 6.81 min Scan# 1576

Delta R.T. -0.08 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

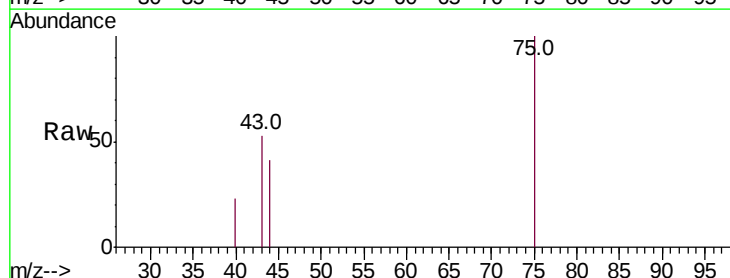
Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

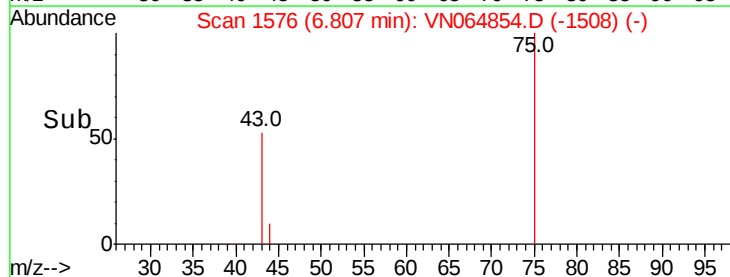
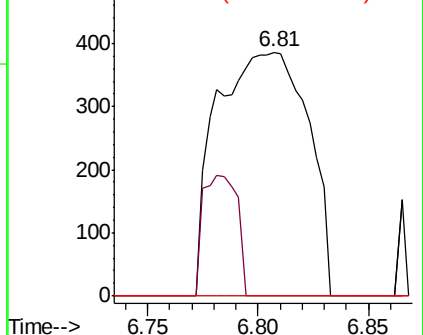
70 0.0 8.8 13.2#

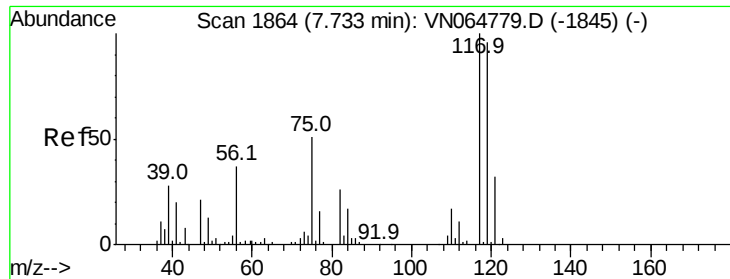


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.323 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB133268TB

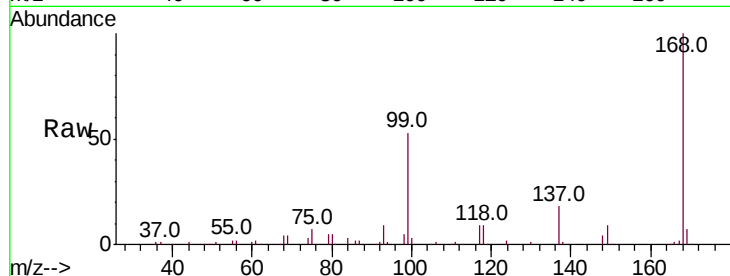
Tot Ion:117 Resp: 15293

Ion Ratio Lower Upper

117 100

119 4.7 76.7 115.1#

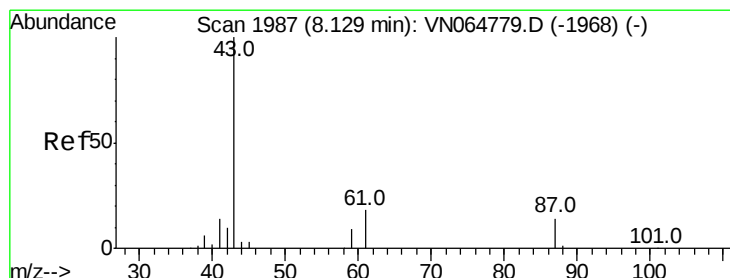
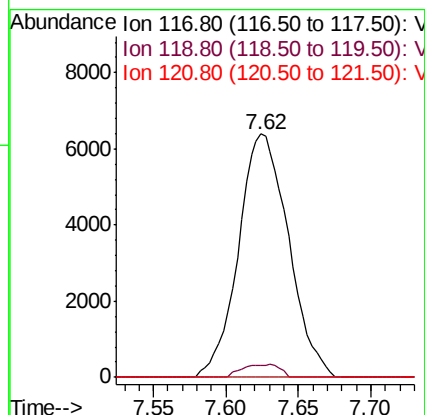
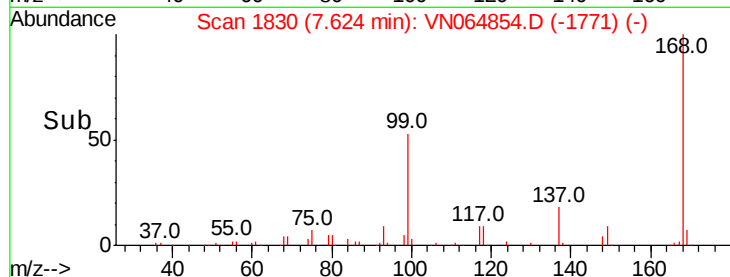
121 0.0 25.4 38.2#



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



#43

Isopropyl Acetate

Concen: 10.264 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

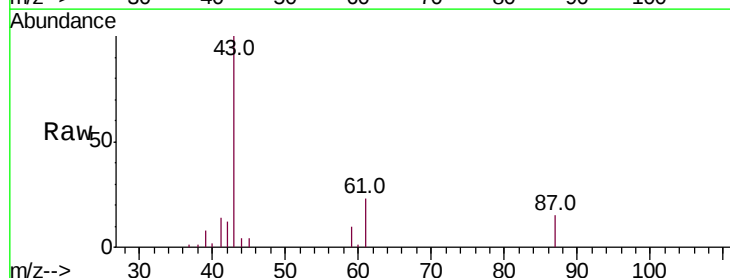
Tgt Ion: 43 Resp: 43930

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8

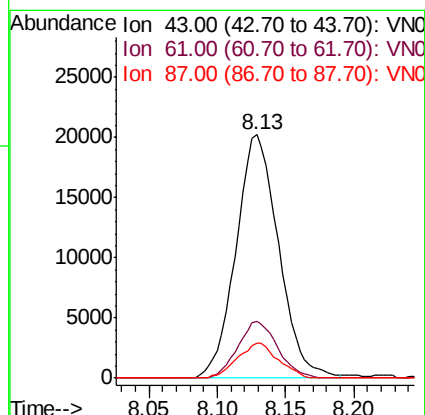
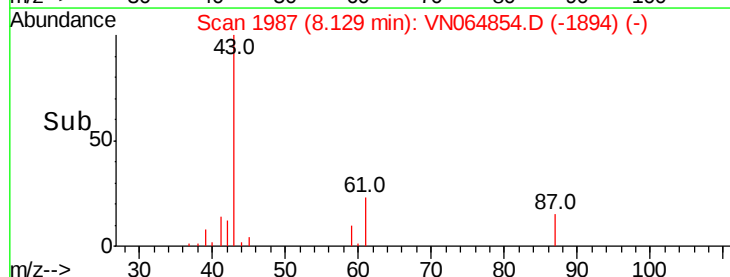
87 13.6 11.4 17.0

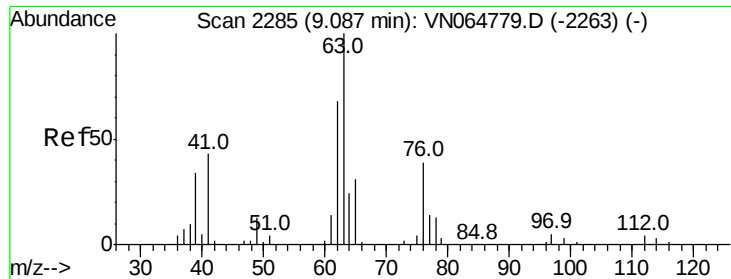


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

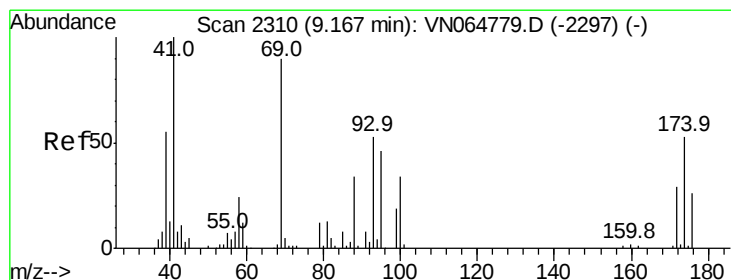
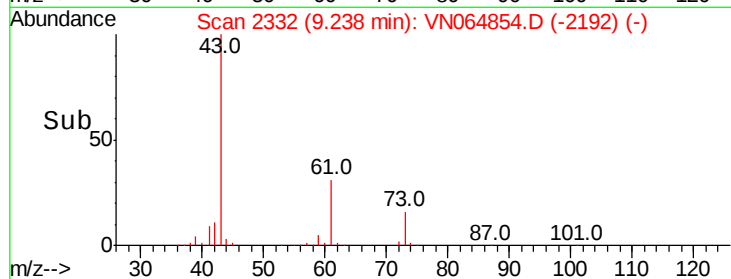
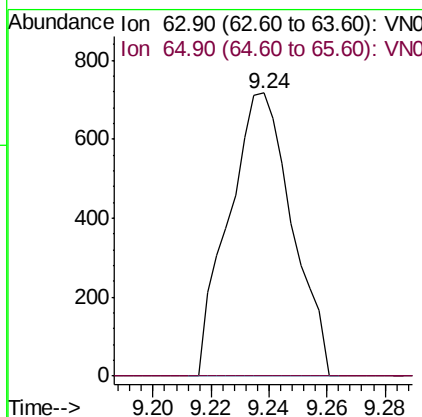
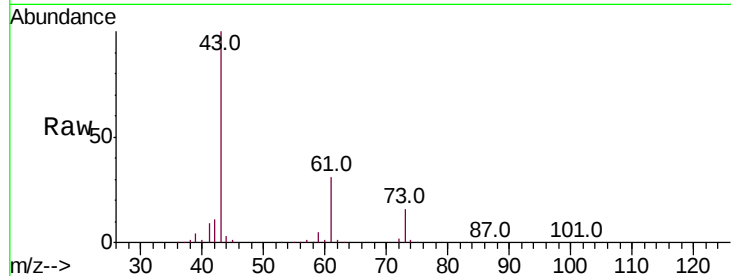




#45
 1,2-Dichloropropane
 Concen: 0.496 ug/l
 RT: 9.24 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN064854.D
 Acq: 25 Nov 2020 14:17

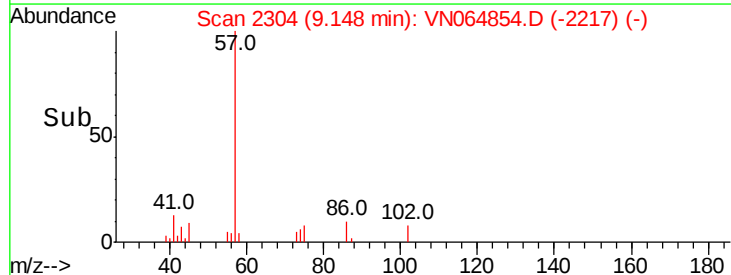
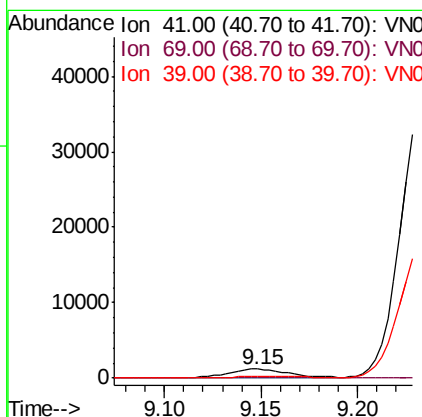
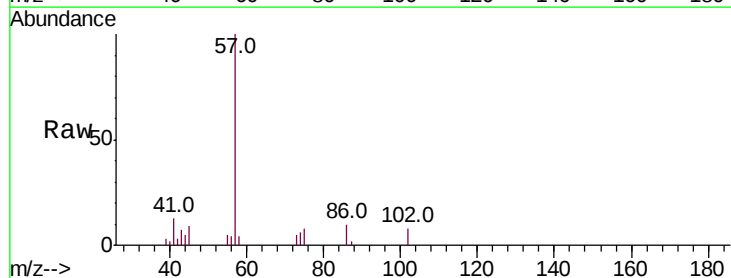
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133268TB

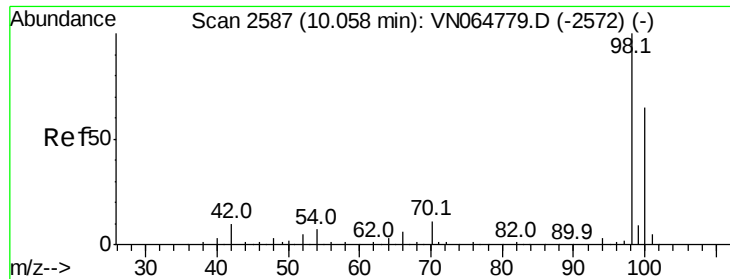
Tot Ion: 63 Resp: 1086
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.239 ug/l
 RT: 9.15 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN064854.D
 Acq: 25 Nov 2020 14:17

Tgt Ion: 41 Resp: 2534
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.8 107.8#
 39 0.0 44.1 66.1#





#50

Toluene-d8

Concen: 53.328 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

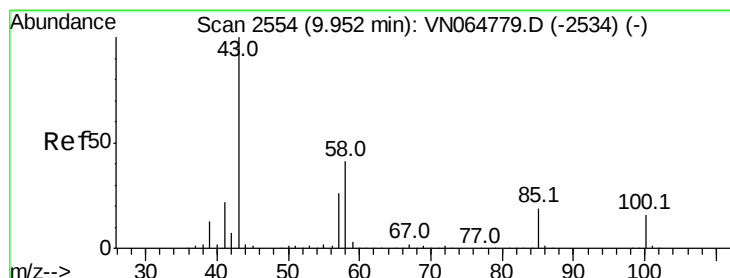
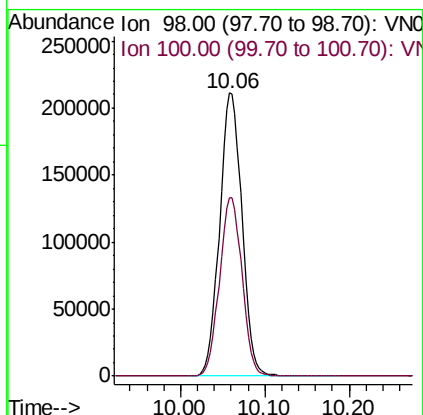
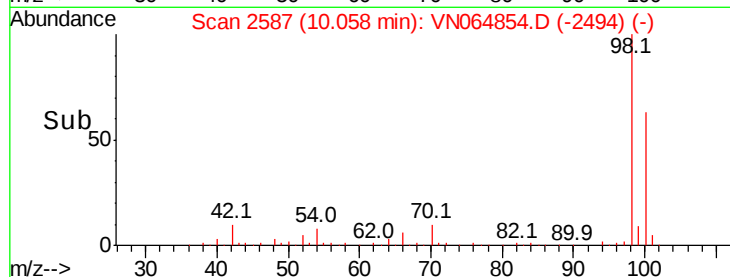
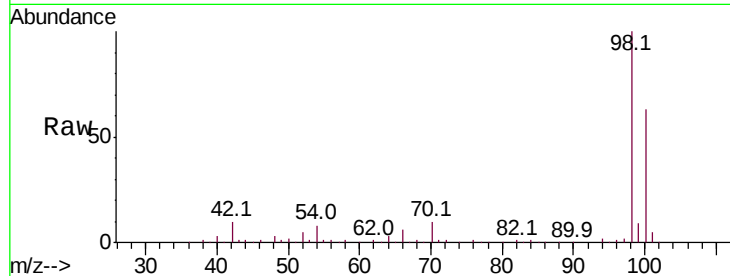
PB133268TB

Tot Ion: 98 Resp: 388424

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.459 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064854.D

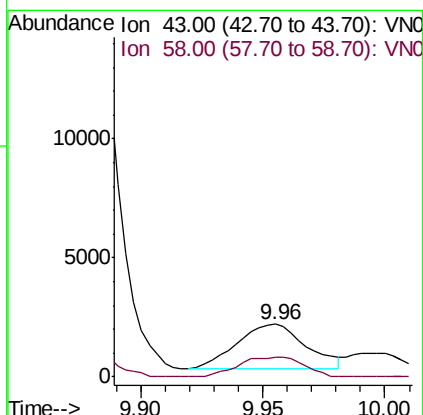
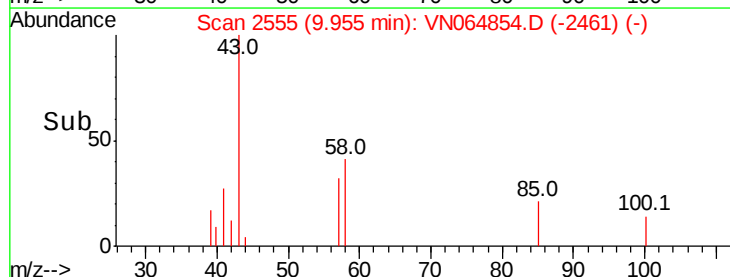
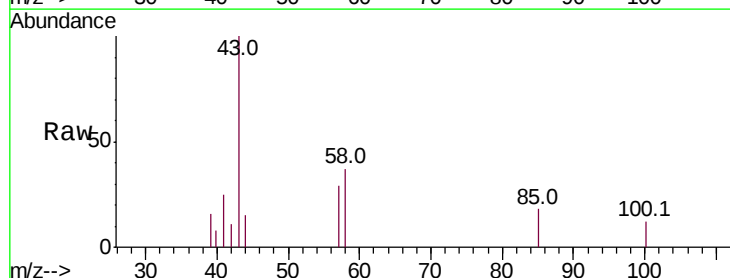
Acq: 25 Nov 2020 14:17

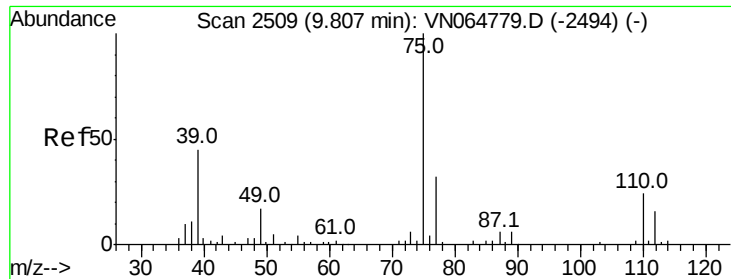
Tgt Ion: 43 Resp: 3750

Ion Ratio Lower Upper

43 100

58 41.1 32.4 48.6





#54

cis-1,3-Dichloropropene

Concen: 6.112 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB133268TB

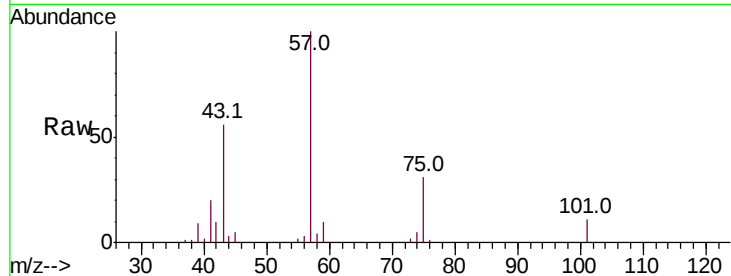
Tot Ion: 75 Resp: 21494

Ion Ratio Lower Upper

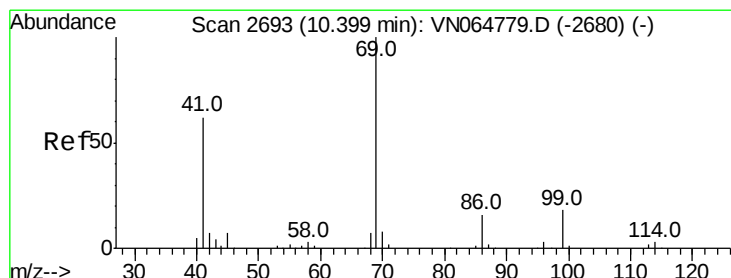
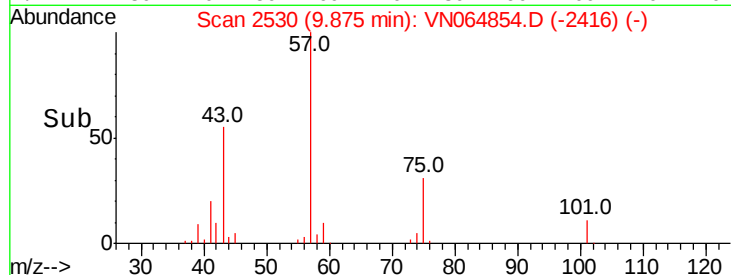
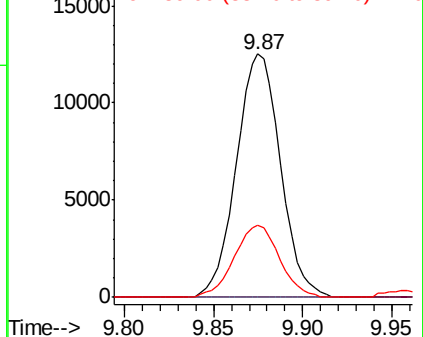
75 100

77 0.0 25.5 38.3#

39 29.7 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0
Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 0.384 ug/l

RT: 10.51 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

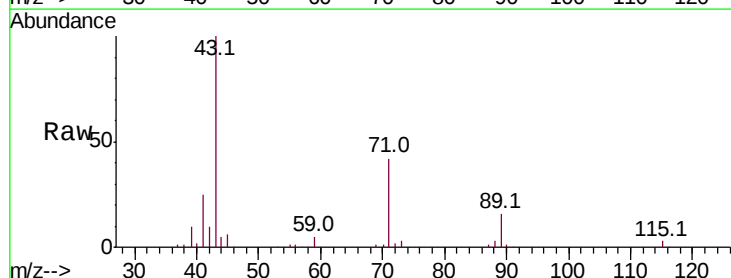
Tgt Ion: 69 Resp: 1136

Ion Ratio Lower Upper

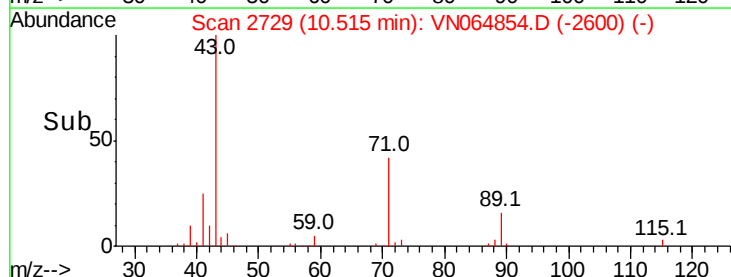
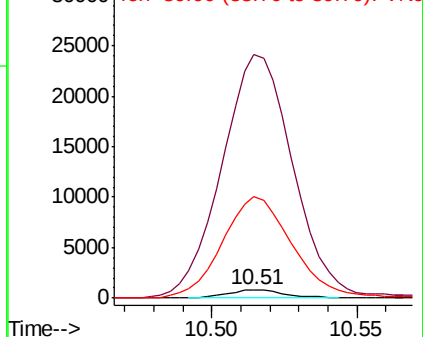
69 100

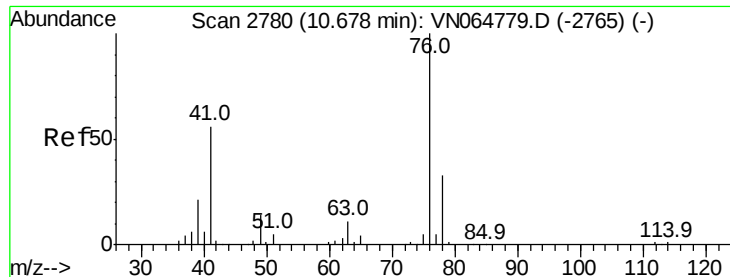
41 3648.2 49.4 74.0#

39 1491.9 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.113 ug/l

RT: 10.74 min Scan# 2799

Delta R.T. 0.06 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

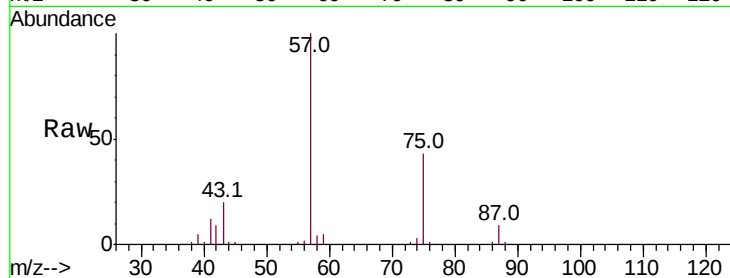
PB133268TB

Tot Ion: 76 Resp: 3936

Ion Ratio Lower Upper

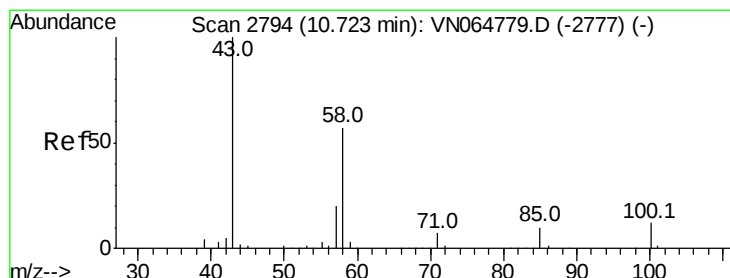
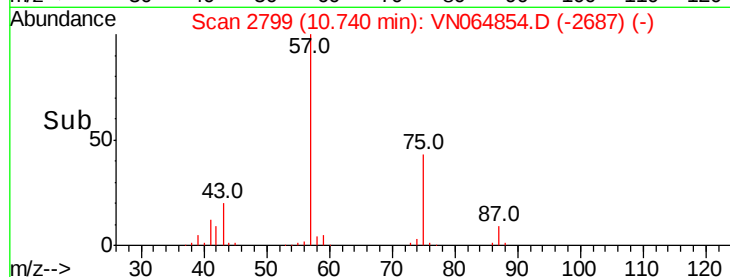
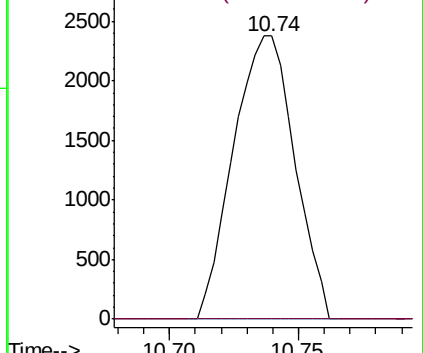
76 100

78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 27.976 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN064854.D

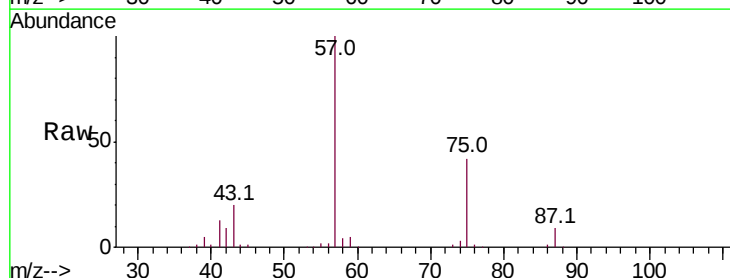
Acq: 25 Nov 2020 14:17

Tgt Ion: 43 Resp: 51736

Ion Ratio Lower Upper

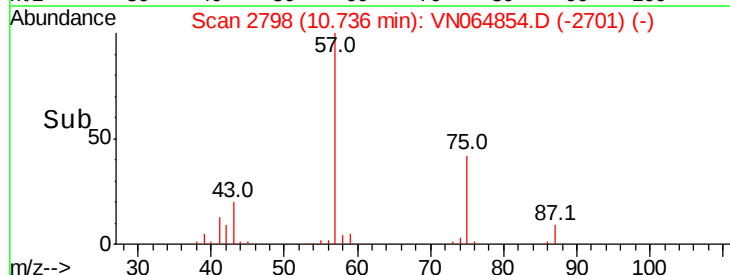
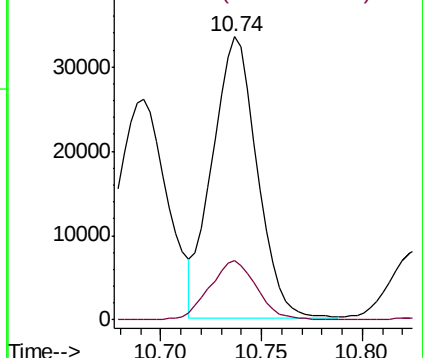
43 100

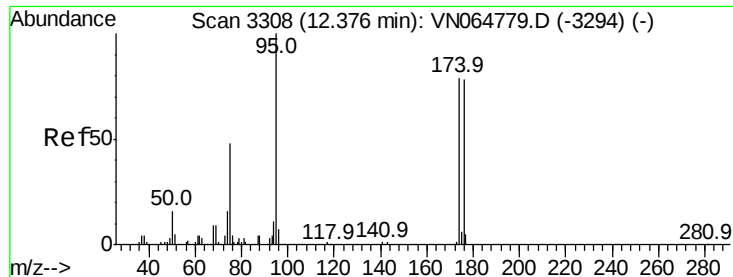
58 22.0 28.3 84.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.244 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB133268TB

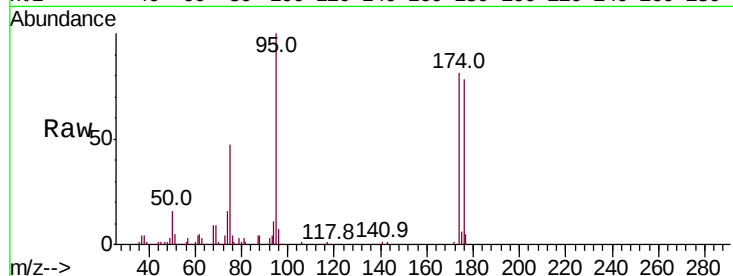
Tot Ion: 95 Resp: 149217

Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.4

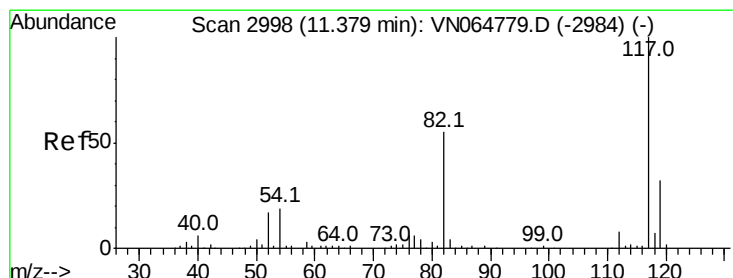
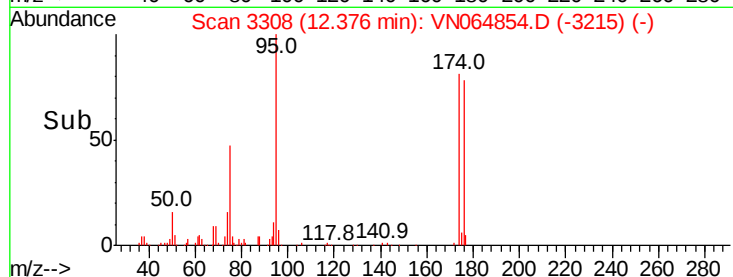
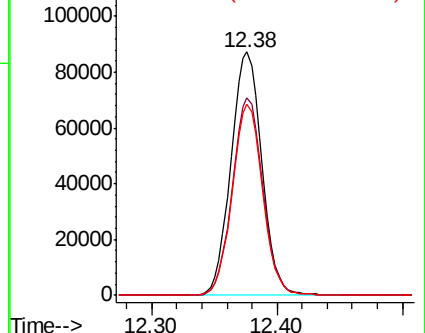
176 77.1 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

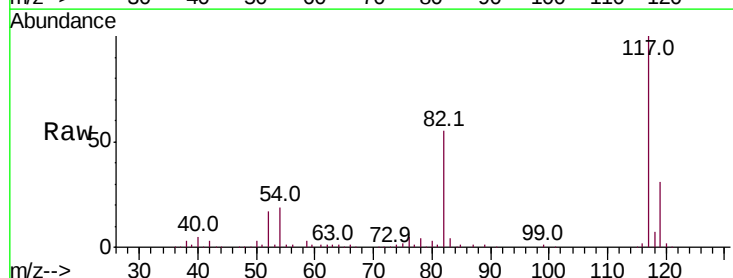
Tgt Ion: 117 Resp: 322497

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

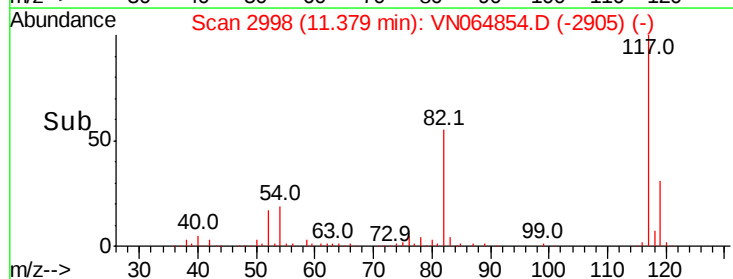
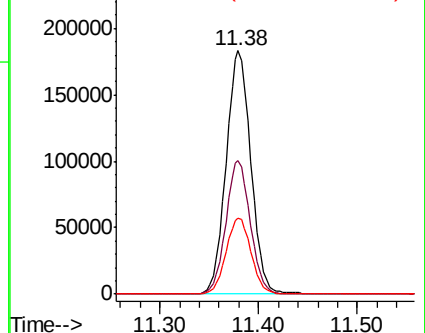
119 31.4 25.8 38.6

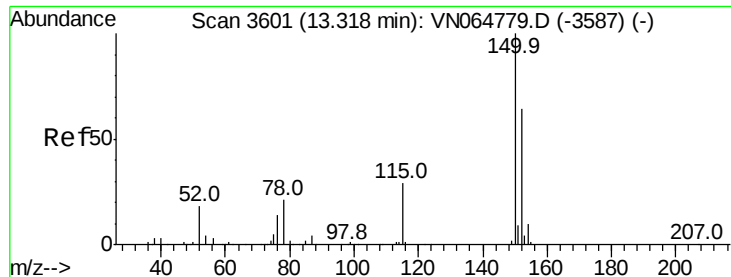


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB133268TB

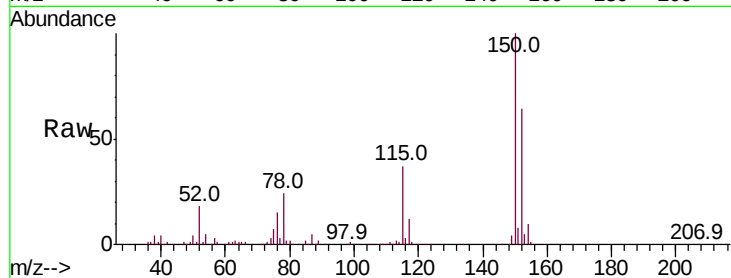
Tot Ion:152 Resp: 136144

Ion Ratio Lower Upper

152 100

115 59.2 29.7 89.1

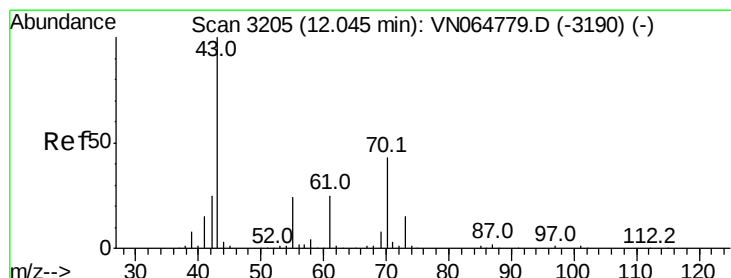
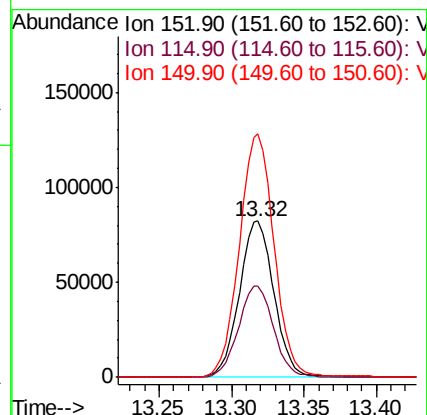
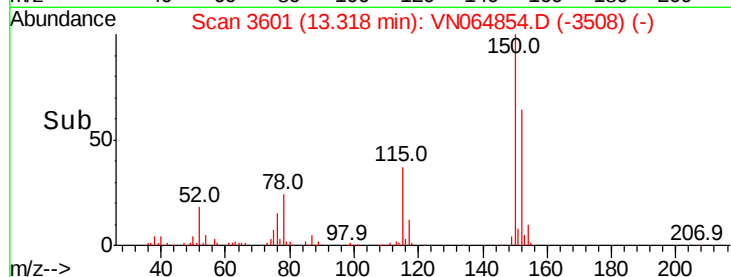
150 157.6 0.0 350.6



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: 0.391 ug/l

RT: 12.00 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Tgt Ion: 43 Resp: 1457

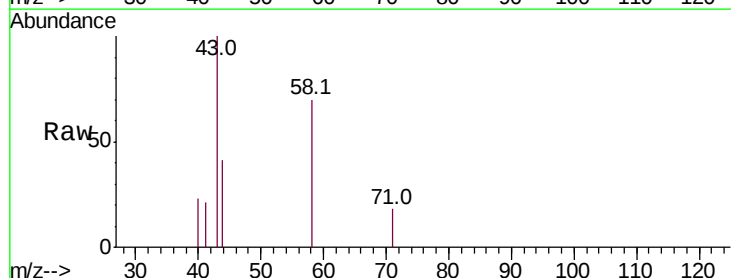
Ion Ratio Lower Upper

43 100

70 0.0 34.5 51.7#

55 0.0 20.4 30.6#

61 0.0 20.0 30.0#

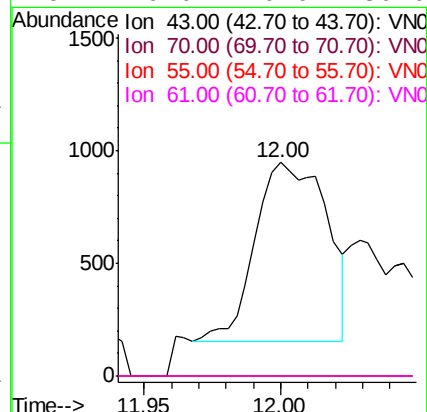
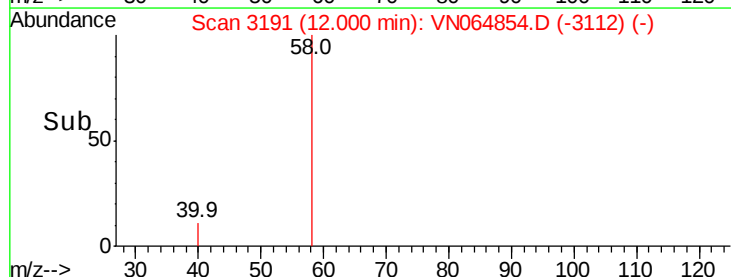


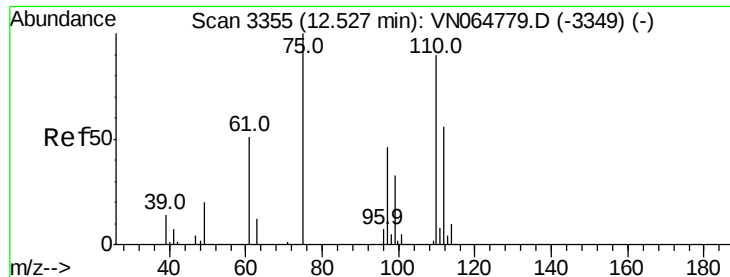
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 23.905 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

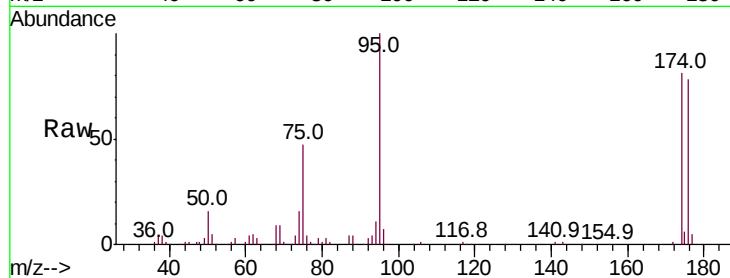
PB133268TB

Tot Ion: 75 Resp: 70088

Ion Ratio Lower Upper

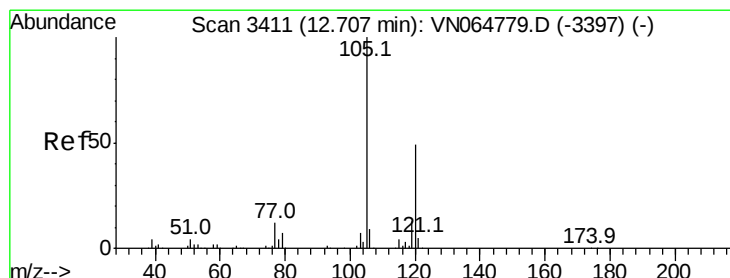
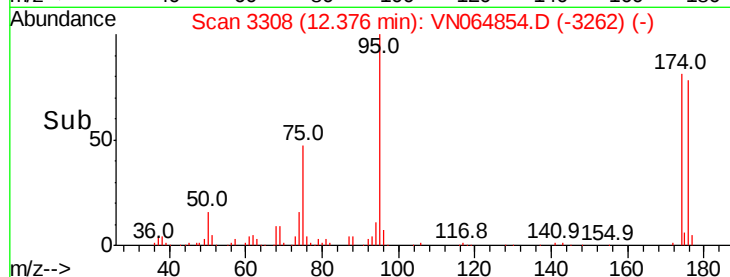
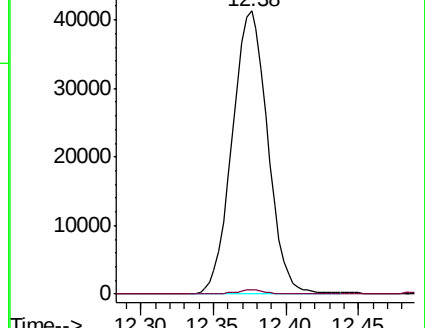
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.286 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064854.D

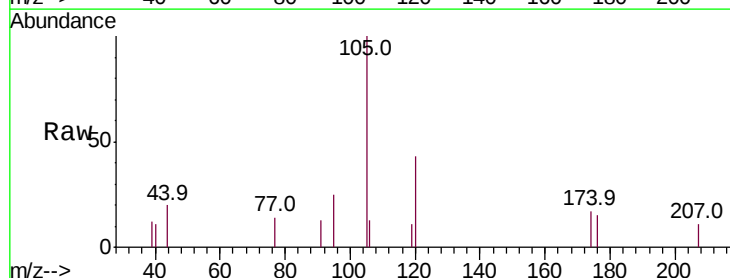
Acq: 25 Nov 2020 14:17

Tgt Ion: 105 Resp: 2249

Ion Ratio Lower Upper

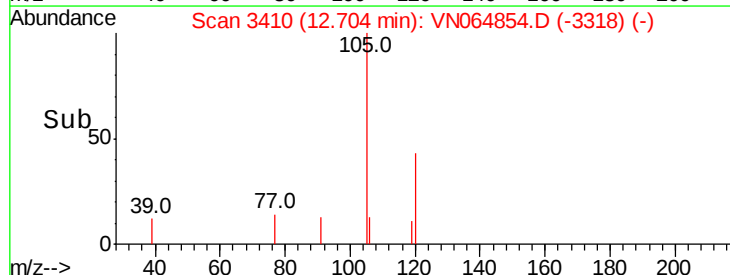
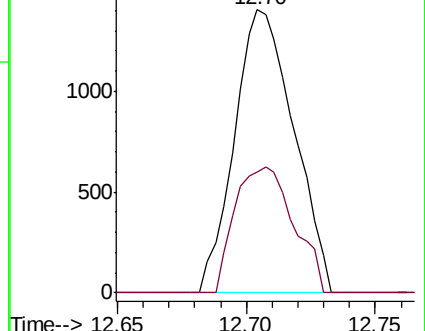
105 100

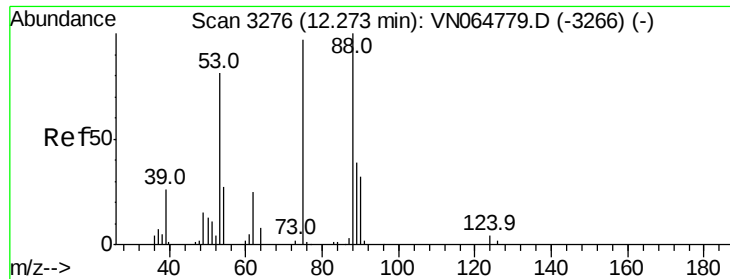
120 44.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 65.517 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

PB133268TB

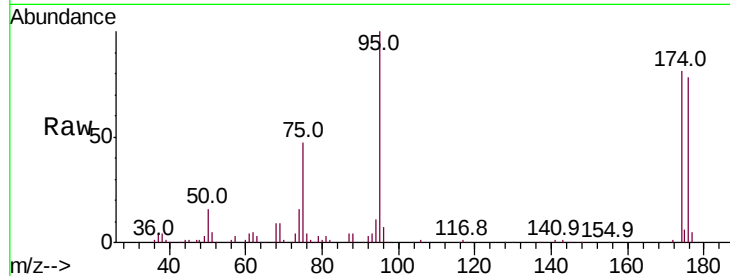
Tot Ion: 75 Resp: 70088

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

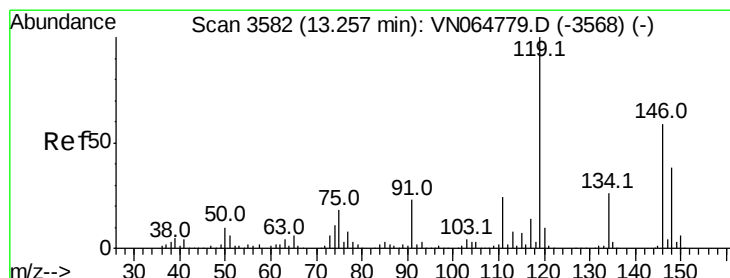
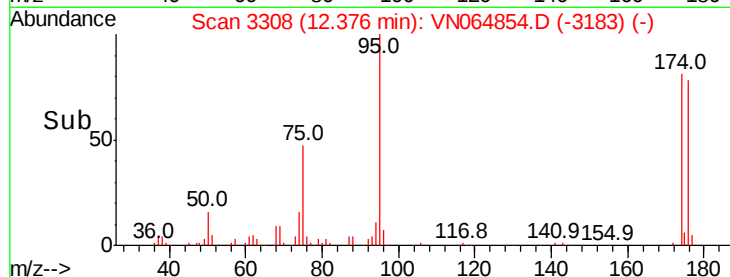
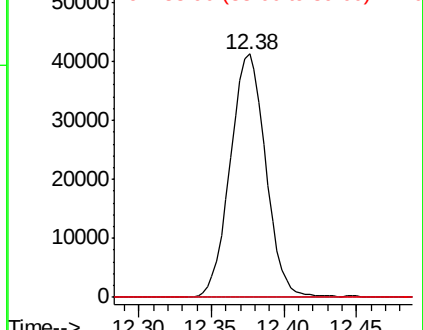
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064779.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064779.D (-3266) (-)



#87

1,3-Dichlorobenzene

Concen: 0.208 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

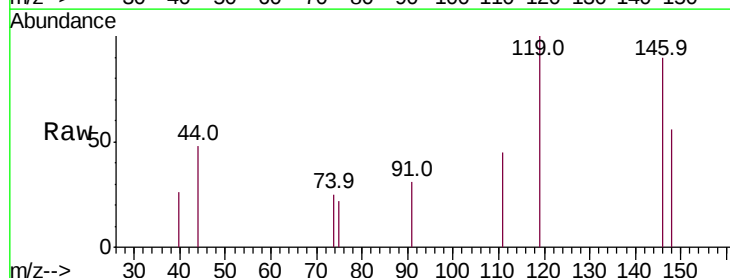
Tgt Ion: 146 Resp: 945

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

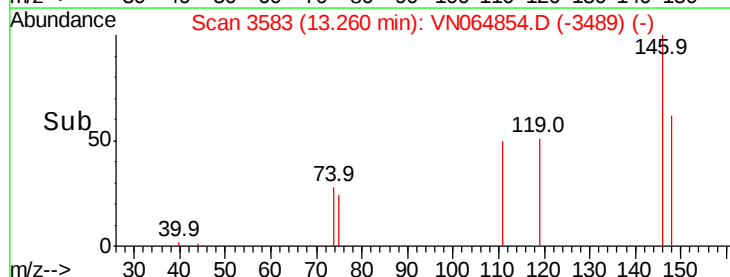
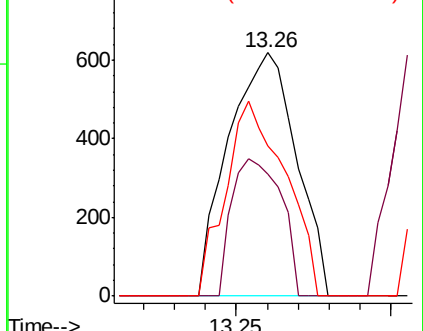
148 69.9 31.9 95.5

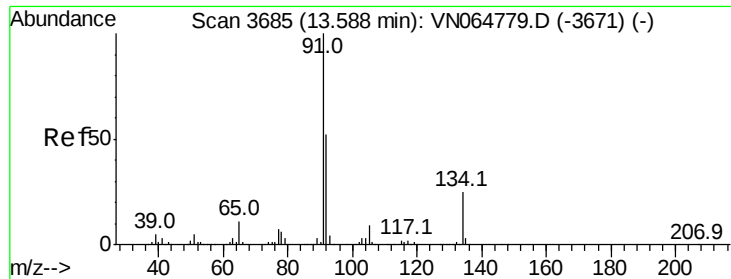


Abundance Ion 145.90 (145.60 to 146.60): VN064779.D (-3568) (-)

Ion 110.90 (110.60 to 111.60): VN064779.D (-3568) (-)

Ion 147.90 (147.60 to 148.60): VN064779.D (-3568) (-)

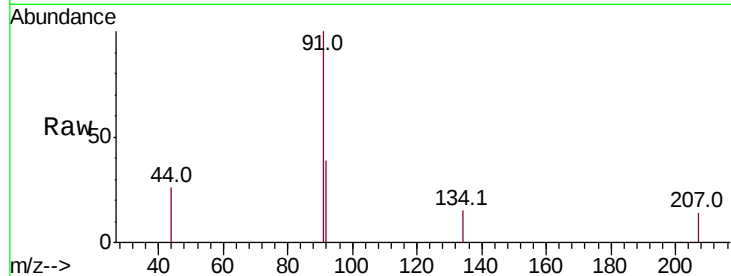




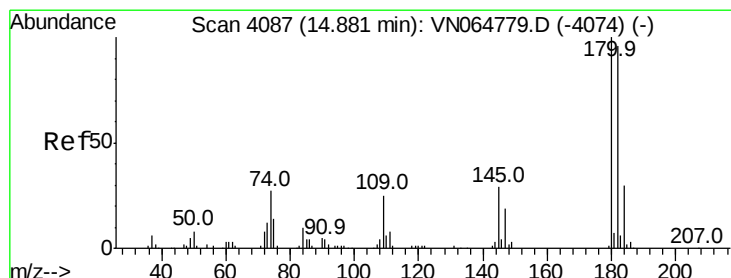
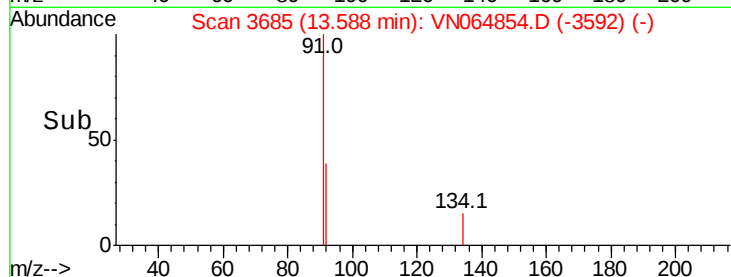
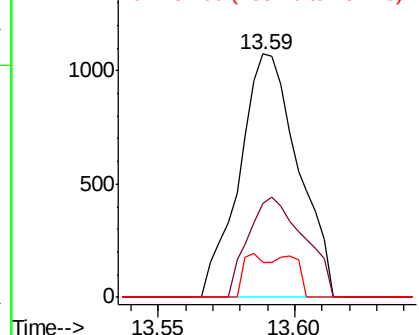
#89
n-Butylbenzene
Concen: 0.229 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064854.D
Acq: 25 Nov 2020 14:17

Instrument :
MSVOA_N
ClientSampled :
PB133268TB

Tot Ion: 91 Resp: 1606
Ion Ratio Lower Upper
91 100
92 39.1 26.0 78.0
134 8.2 12.9 38.6#

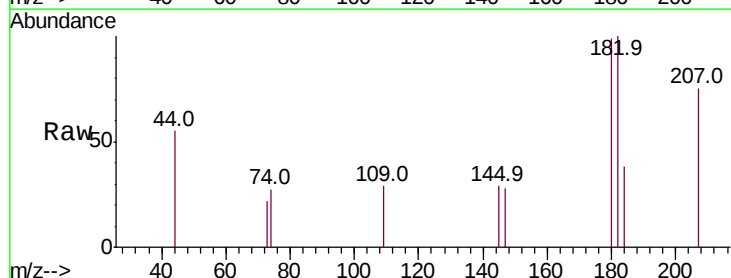


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

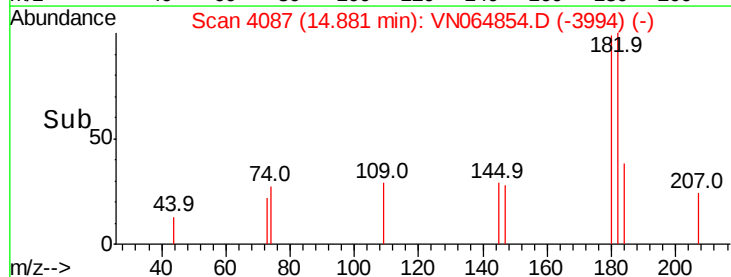
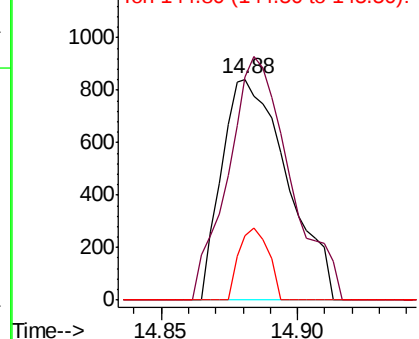


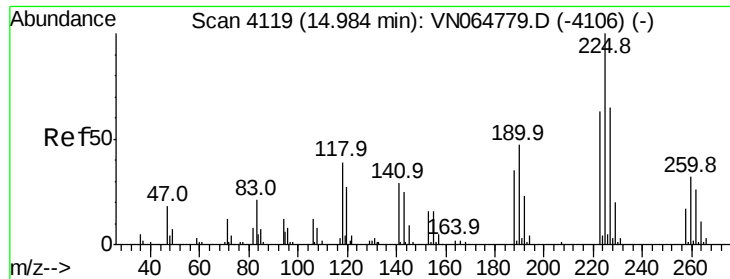
#93
1,2,4-Trichlorobenzene
Concen: 0.509 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064854.D
Acq: 25 Nov 2020 14:17

Tgt Ion: 180 Resp: 1403
Ion Ratio Lower Upper
180 100
182 104.1 47.6 142.9
145 14.8 15.3 45.8#



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: 0.857 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

PB133268TB

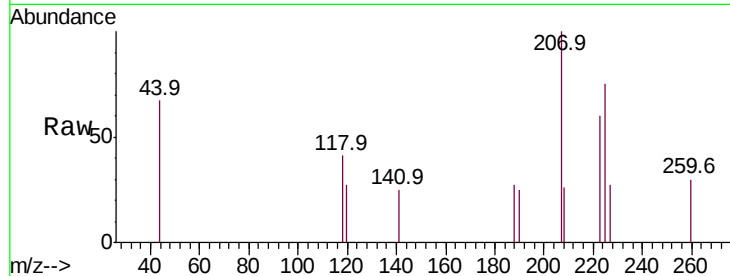
Tot Ion:225 Resp: 606

Ion Ratio Lower Upper

225 100

223 76.9 31.0 93.0

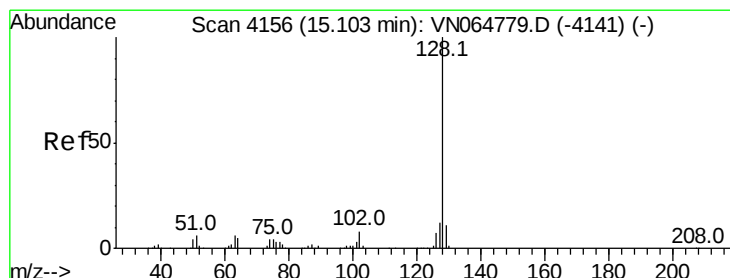
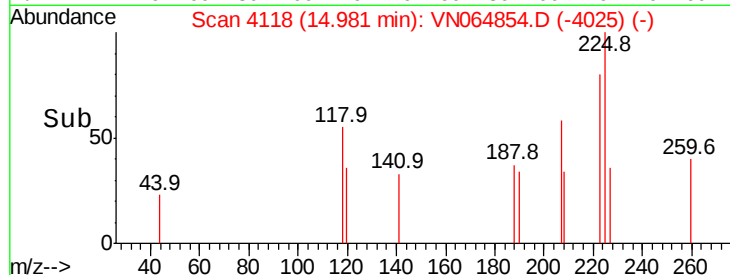
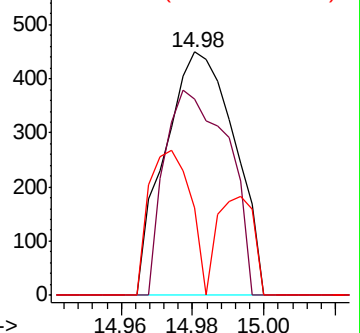
227 35.6 32.0 96.0



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: 0.570 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

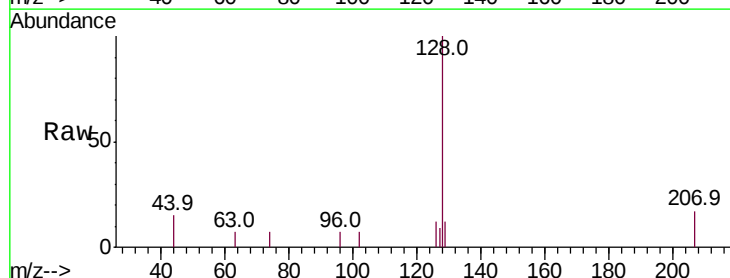
Tgt Ion:128 Resp: 4707

Ion Ratio Lower Upper

128 100

127 5.4 10.3 15.5#

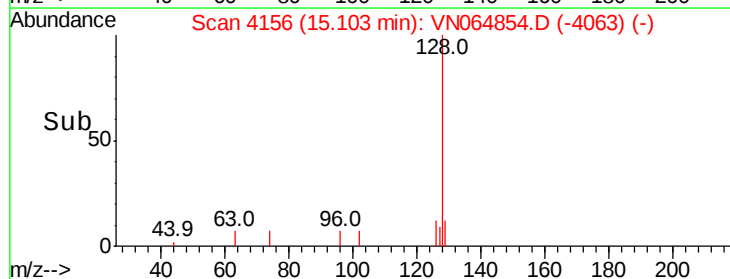
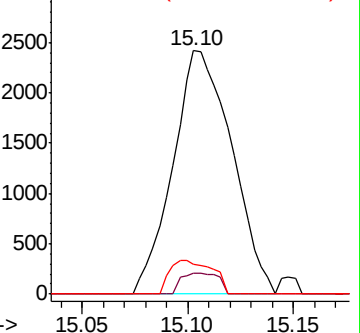
129 10.0 8.7 13.1

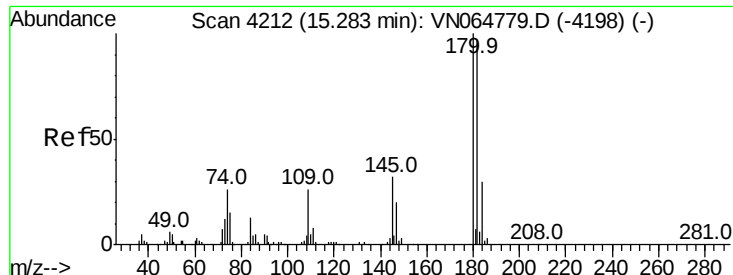


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 2.024 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN064854.D

Acq: 25 Nov 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB133268TB

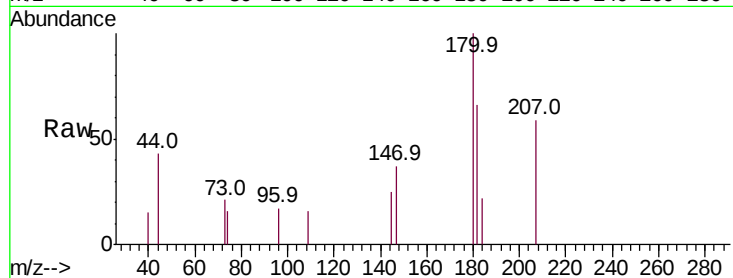
Tot Ion:180 Resp: 1703

Ion Ratio Lower Upper

180 100

182 90.1 48.1 144.4

145 20.1 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

