

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062159.D
 Acq On : 26 Jun 2020 23:51
 Operator : JC/MD
 Sample : PB129781TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781TB

Quant Time: Jun 27 03:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	222723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152643	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	151184	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	7.55	113	128563	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	10.06	98	528808	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.38	95	175166	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	410	Below Cal	#	41
8) Diethyl Ether	3.37	74	1301	0.763	ug/l #	45
14) Allyl chloride	4.50	41	726	0.209	ug/l #	20
16) Acetone	3.78	43	18403	14.949	ug/l	100
17) Carbon Disulfide	4.01	76	2178	0.348	ug/l #	75
18) Methyl Acetate	4.28	43	1246	0.501	ug/l #	85
20) Methylene Chloride	4.50	84	29848	10.230	ug/l	99
25) 2-Butanone	6.80	43	3343	2.188	ug/l #	84
27) cis-1,2-Dichloroethene	6.78	96	1575	0.480	ug/l	76
29) Tetrahydrofuran	7.17	42	599	0.599	ug/l #	63
31) Cyclohexane	7.63	56	4876	1.129	ug/l #	6
36) 1,1-Dichloropropene	7.62	75	18061	4.389	ug/l #	47
37) Ethyl Acetate	6.80	43	3343	0.981	ug/l #	36
38) Carbon Tetrachloride	7.63	117	22127	5.703	ug/l #	15
43) Isopropyl Acetate	8.13	43	58287	10.493	ug/l	99
44) Trichloroethene	8.80	130	1887	0.596	ug/l	75
45) 1,2-Dichloropropane	9.24	63	1237	0.400	ug/l #	43
48) Methyl methacrylate	9.24	41	97419	39.114	ug/l #	34
49) 1,4-Dioxane	9.17	88	78	1.412	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	6353	1.958	ug/l	96
54) cis-1,3-Dichloropropene	9.88	75	29794	6.005	ug/l #	66
56) Ethyl methacrylate	10.52	69	1322	0.329	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	5455	1.053	ug/l #	42
59) 2-Hexanone	10.74	43	66316	28.298	ug/l #	50
71) Bromoform	12.38	173	1593	0.730	ug/l #	1
74) N-amyl acetate	12.04	43	958	3.549	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	89447	24.892	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	4601	0.480	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.37	75	89447	72.695	ug/l #	13
88) 1,4-Dichlorobenzene	13.34	146	1139	0.215	ug/l #	68
93) 1,2,4-Trichlorobenzene	14.89	180	1228	0.563	ug/l	79
94) Hexachlorobutadiene	14.99	225	233	0.246	ug/l #	49
95) Naphthalene	15.11	128	5399	4.678	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.29	180	1430	0.641	ug/l	85

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QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

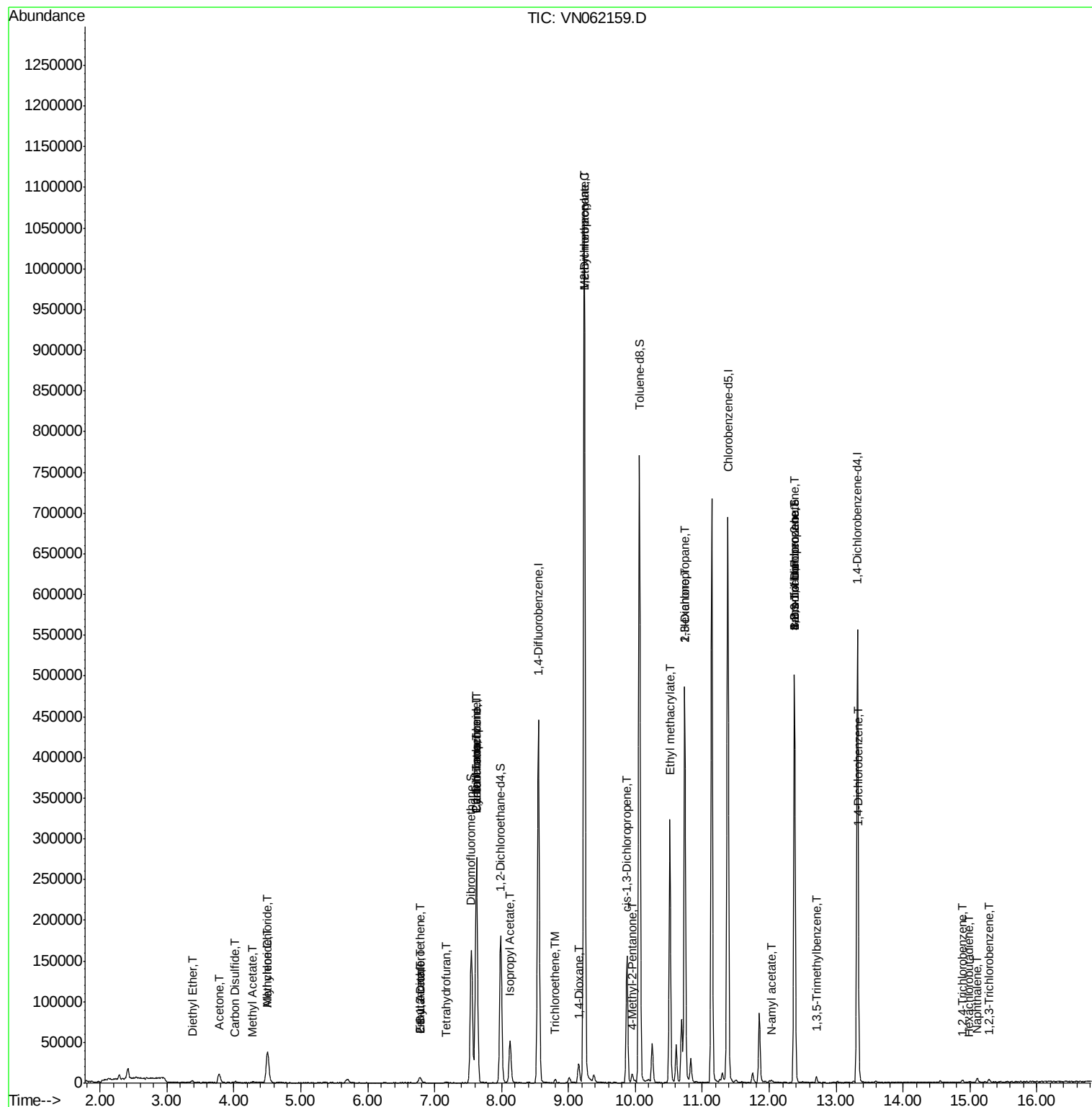
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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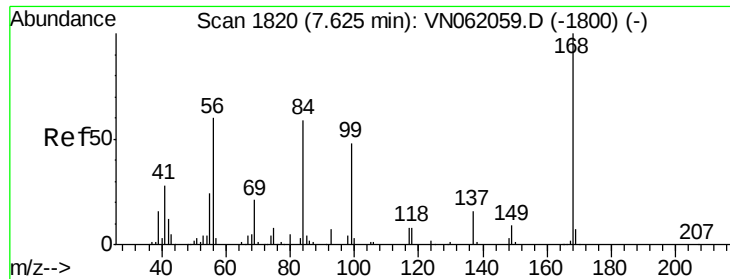
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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Sample : PB129781TB
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

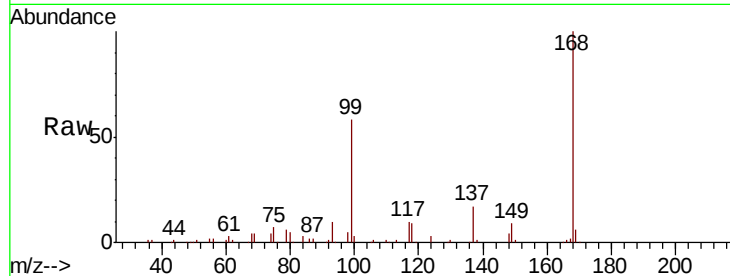
PB129781TB

Tot Ion:168 Resp: 222723

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

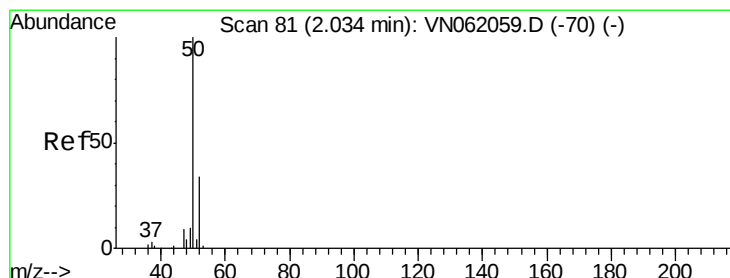
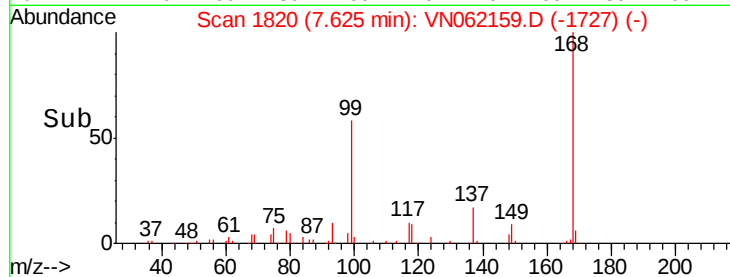
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062159.D

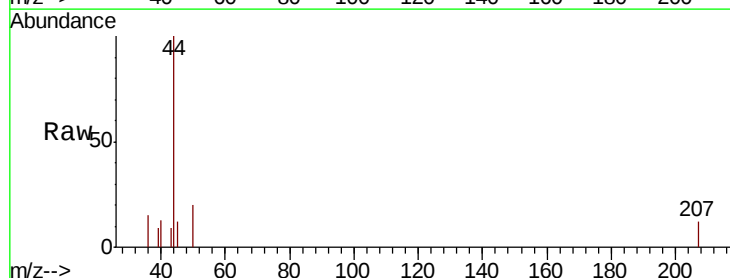
Acq: 26 Jun 2020 23:51

Tgt Ion: 50 Resp: 410

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

400

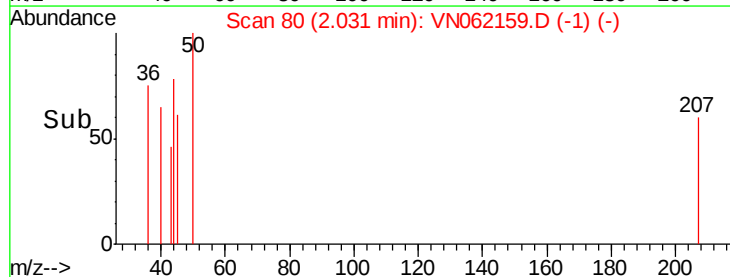
300

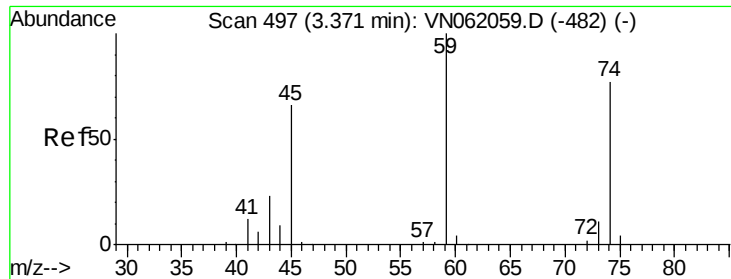
200

100

0

Time--> 2.02 2.04 2.06





#8

Diethyl Ether

Concen: 0.763 ug/l

RT: 3.37 min Scan# 496

Delta R.T. -0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

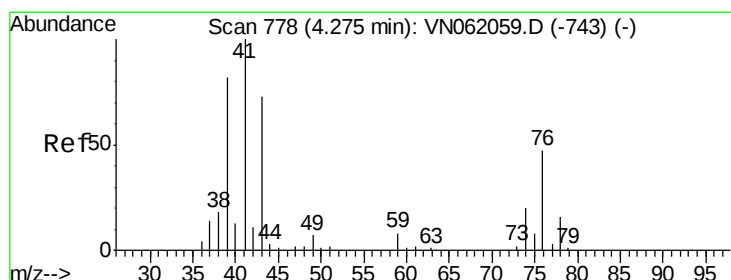
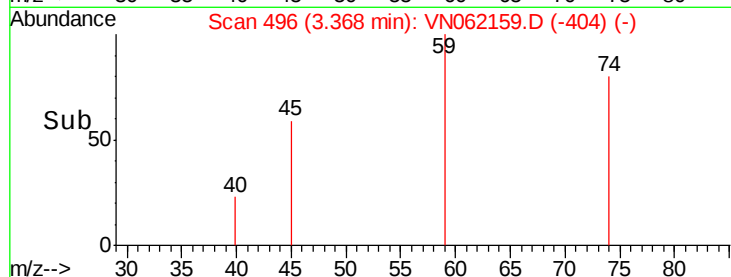
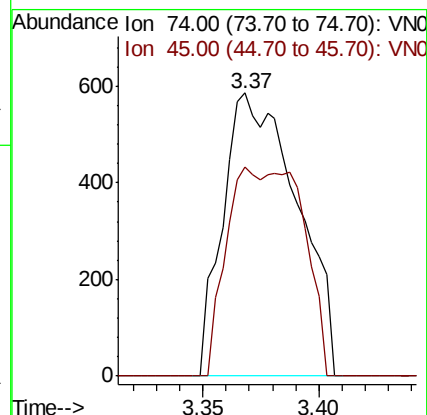
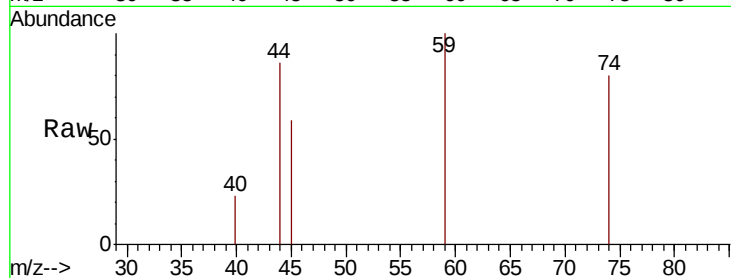
PB129781TB

Tot Ion: 74 Resp: 1301

Ion Ratio Lower Upper

74 100

45 35.0 42.5 127.5#



#14

Allyl chloride

Concen: 0.209 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.22 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

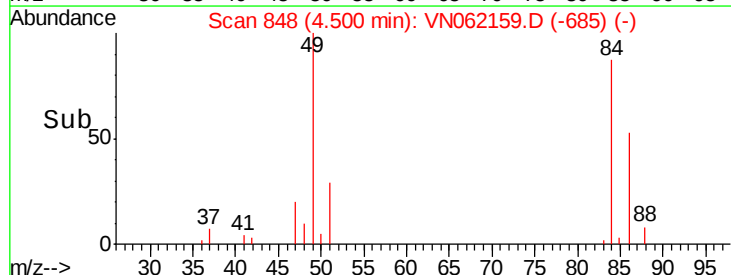
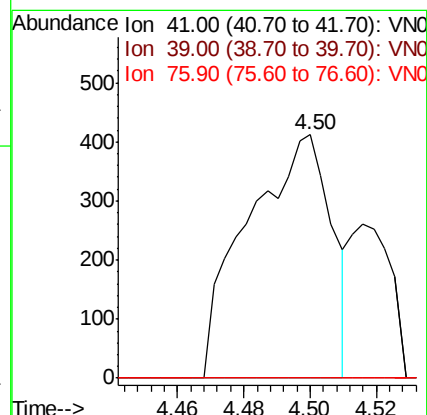
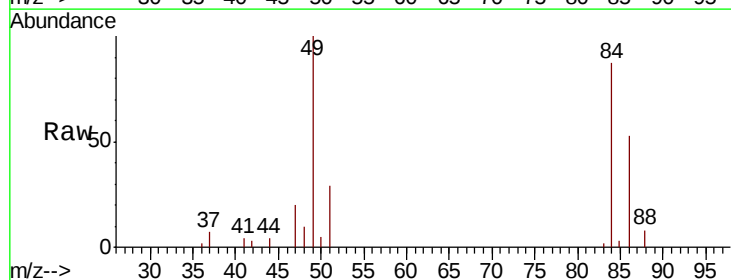
Tgt Ion: 41 Resp: 726

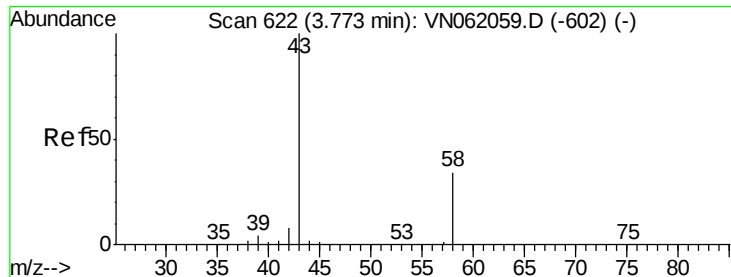
Ion Ratio Lower Upper

41 100

39 0.0 60.0 90.0#

76 0.0 34.1 51.1#





#16

Acetone

Concen: 14.949 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampled :

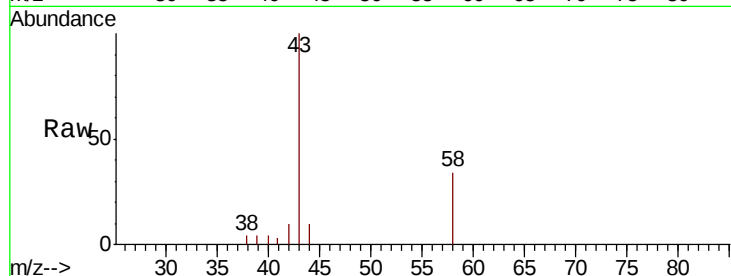
PB129781TB

Tot Ion: 43 Resp: 18403

Ion Ratio Lower Upper

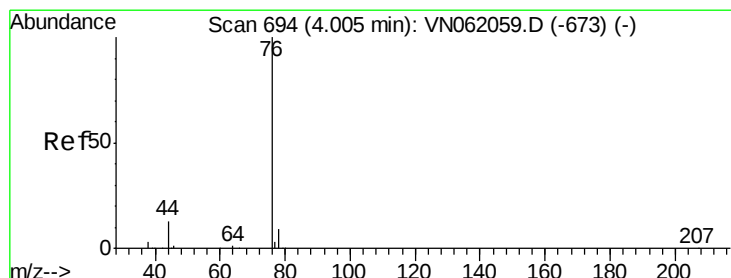
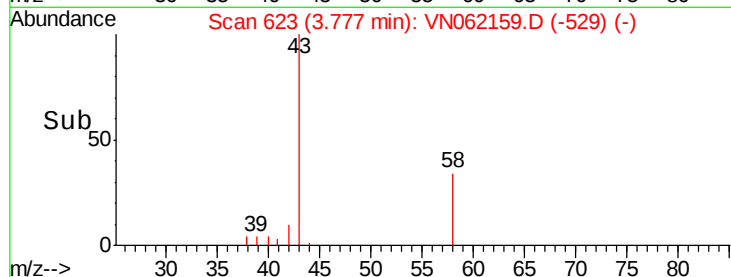
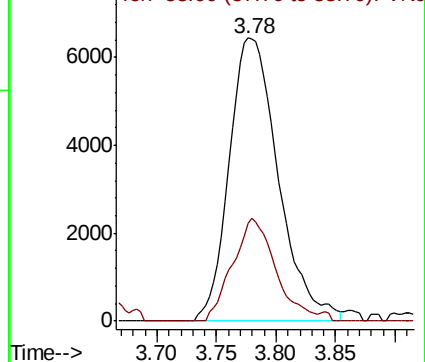
43 100

58 34.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062159.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062159.D (-529) (-)



#17

Carbon Disulfide

Concen: 0.348 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN062159.D

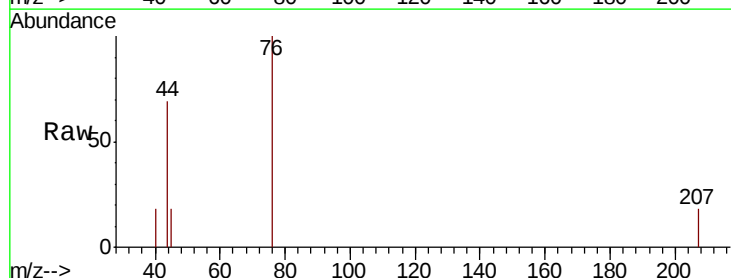
Acq: 26 Jun 2020 23:51

Tgt Ion: 76 Resp: 2178

Ion Ratio Lower Upper

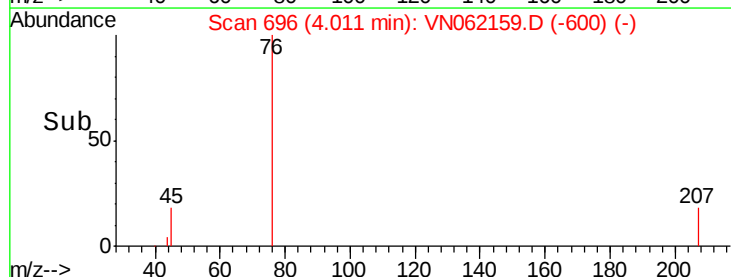
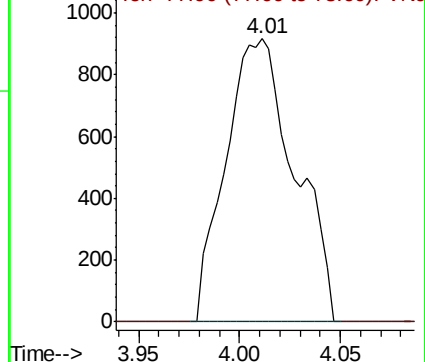
76 100

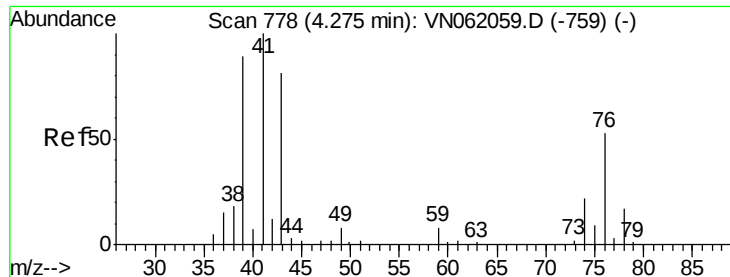
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062159.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062159.D (-600) (-)

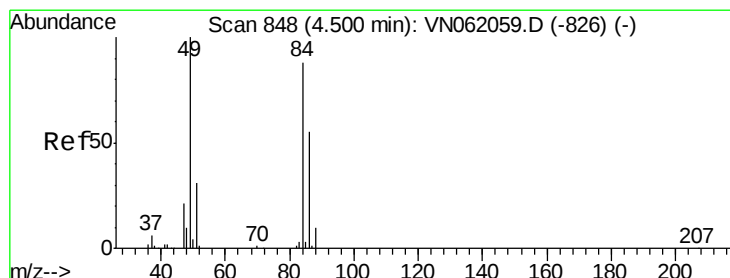
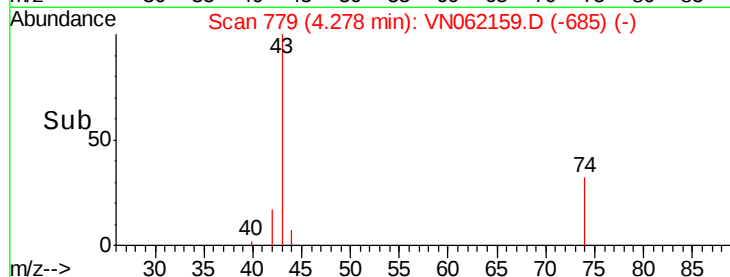
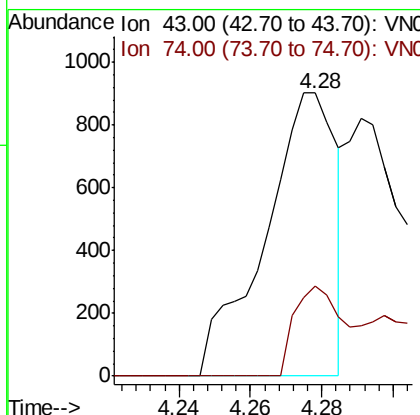
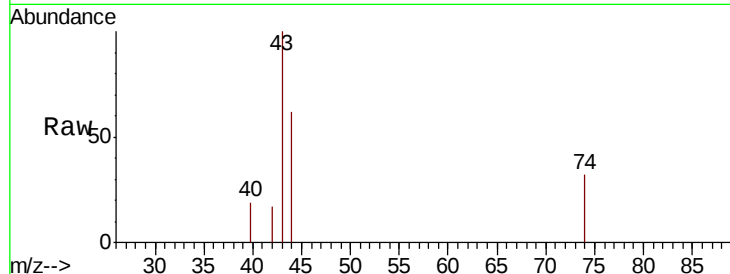




#18
Methyl Acetate
Concen: 0.501 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

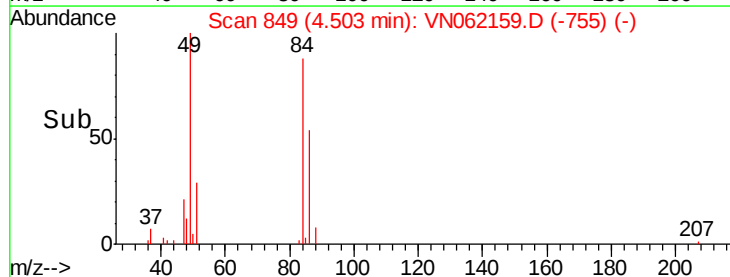
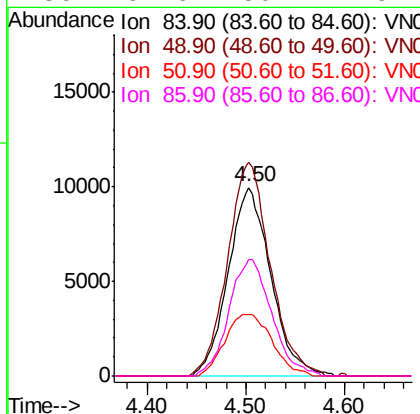
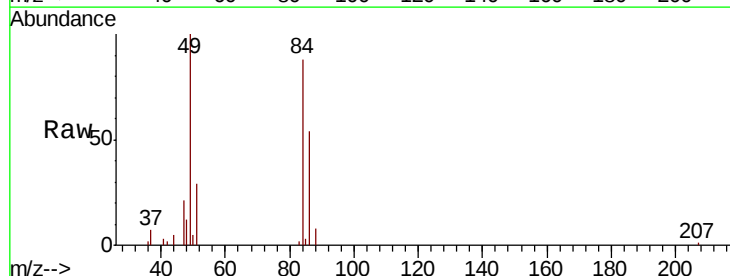
Instrument :
MSVOA_N
ClientSampled :
PB129781TB

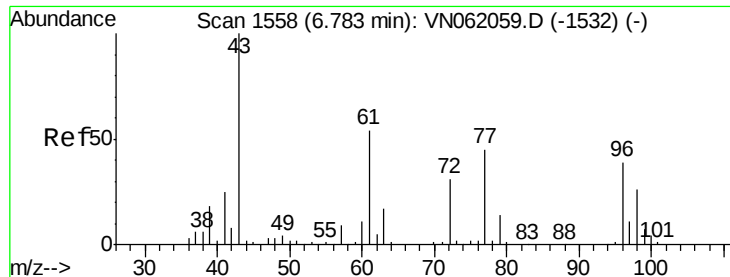
Tot Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
74 20.6 22.9 34.3#



#20
Methylene Chloride
Concen: 10.230 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Tgt Ion: 84 Resp: 29848
Ion Ratio Lower Upper
84 100
49 113.5 90.6 136.0
51 32.6 27.8 41.8
86 61.6 50.1 75.1





#25

2-Butanone

Concen: 2.188 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

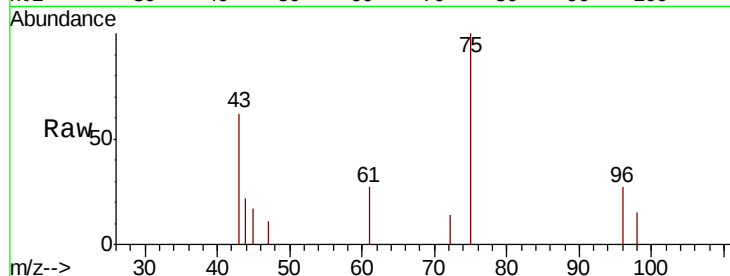
PB129781TB

Tot Ion: 43 Resp: 3343

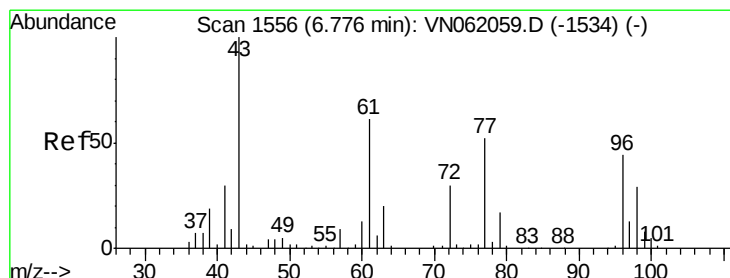
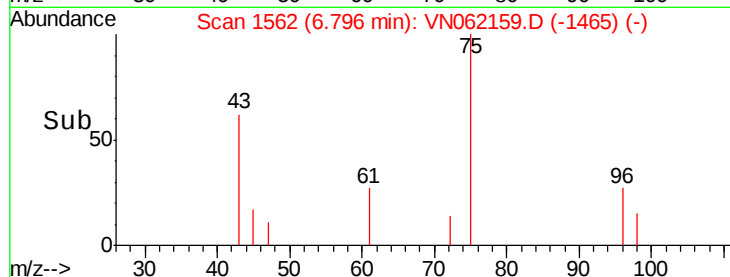
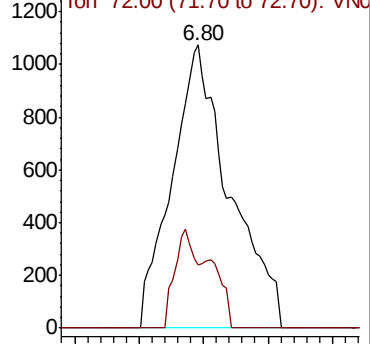
Ion Ratio Lower Upper

43 100

72 22.5 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062159.D (-1465) (-)



#27

cis-1,2-Dichloroethene

Concen: 0.480 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

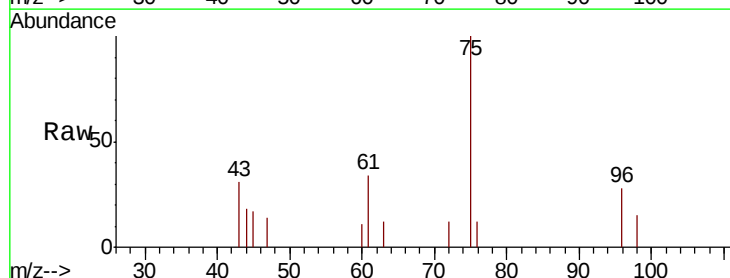
Tgt Ion: 96 Resp: 1575

Ion Ratio Lower Upper

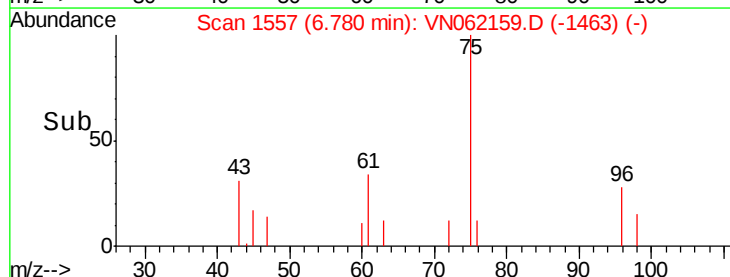
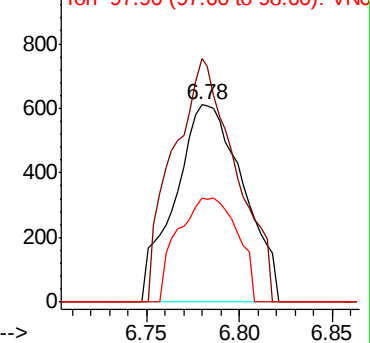
96 100

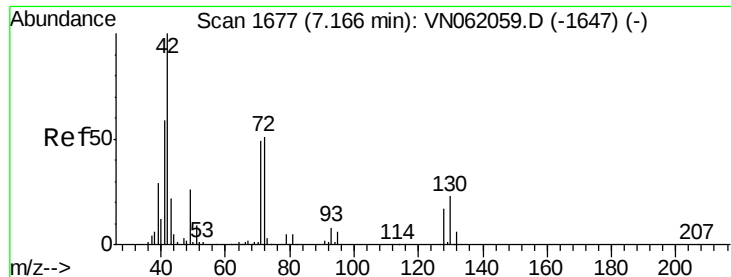
61 111.9 0.0 280.4

98 45.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062159.D (-1463) (-)

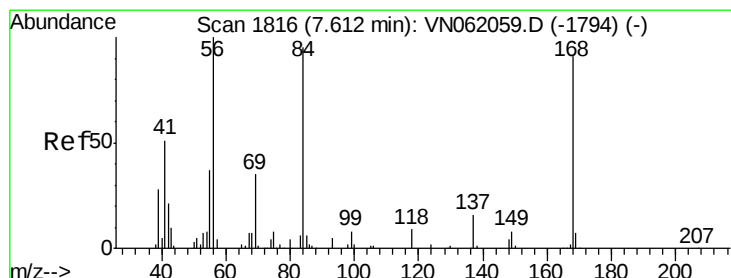
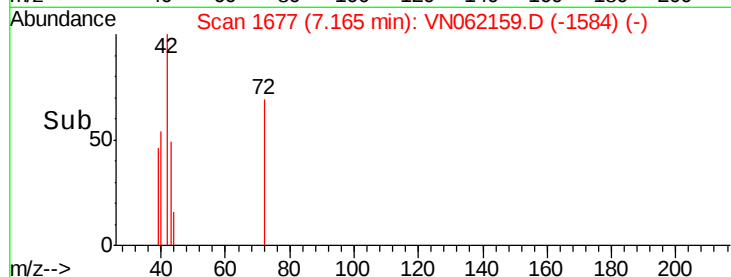
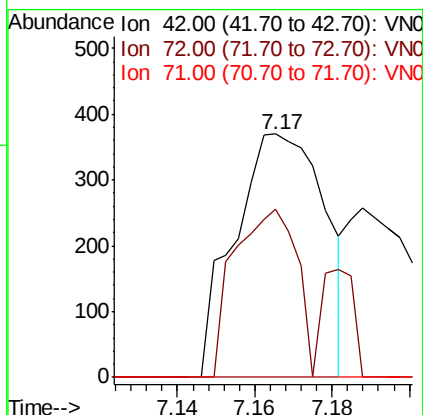
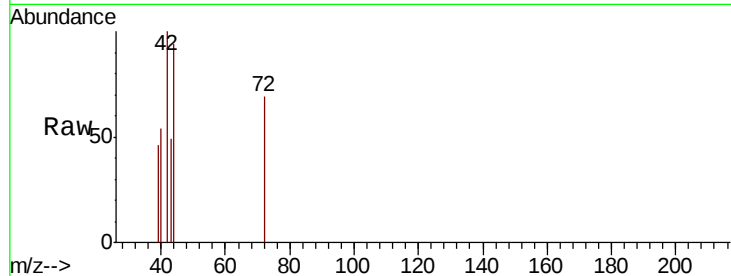




#29
Tetrahydrofuran
Concen: 0.599 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

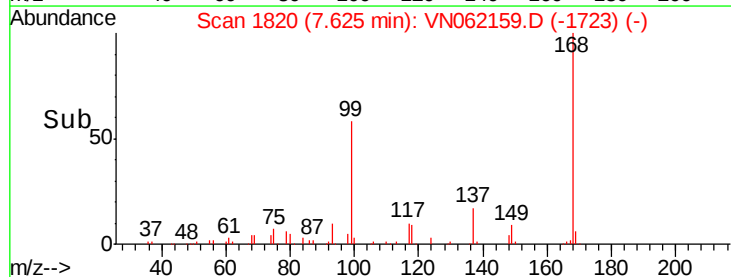
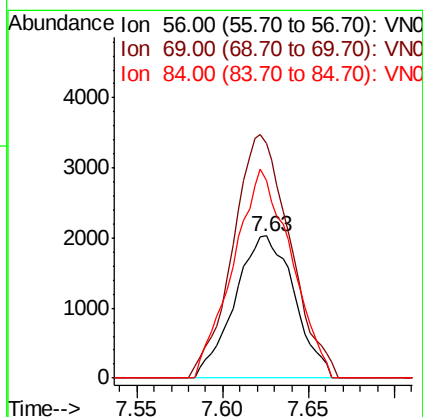
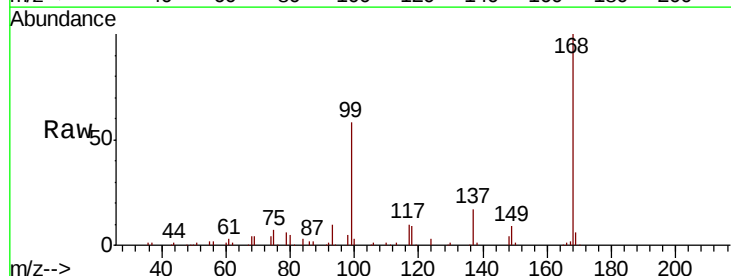
Instrument :
MSVOA_N
ClientSampled :
PB129781TB

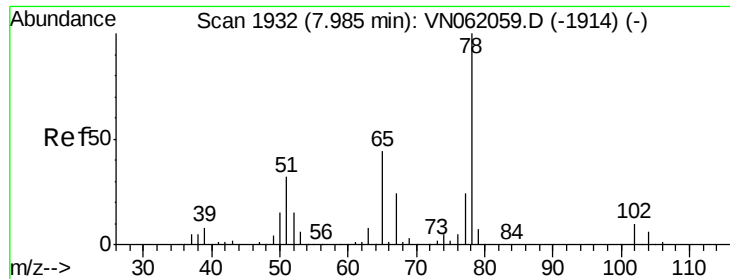
Tot Ion: 42 Resp: 599
Ion Ratio Lower Upper
42 100
72 47.7 41.1 61.7
71 0.0 38.2 57.4#



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Tgt Ion: 56 Resp: 4876
Ion Ratio Lower Upper
56 100
69 165.8 28.0 42.0#
84 139.6 76.1 114.1#

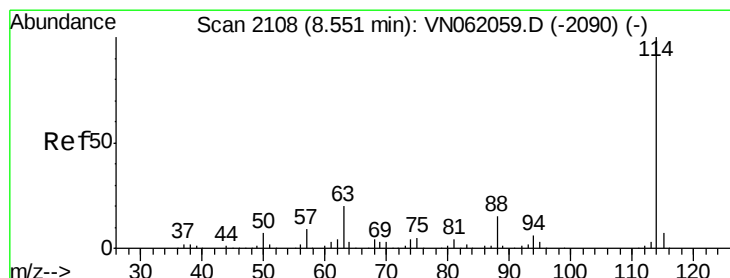
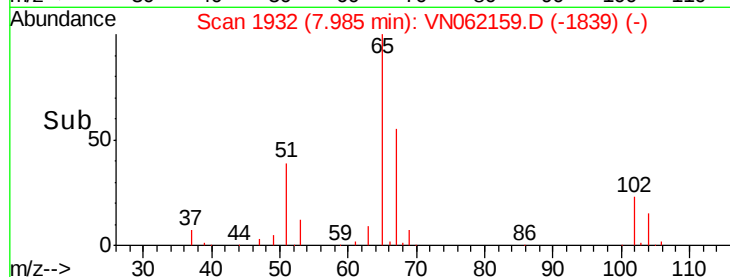
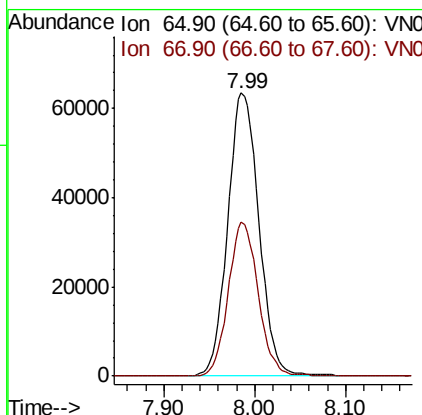
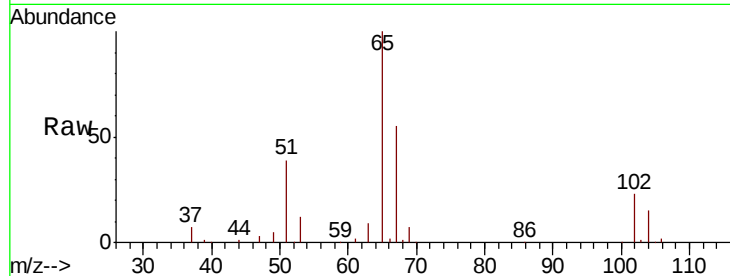




#33
 1,2-Dichloroethane-d4
 Concen: 48.370 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

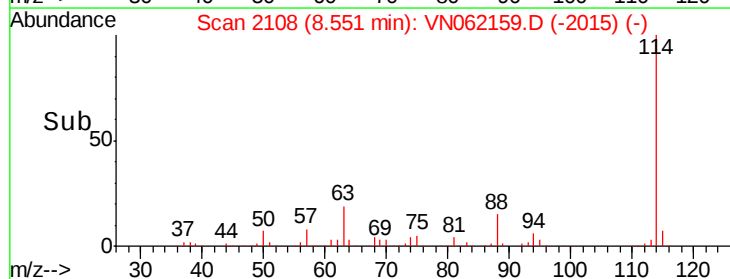
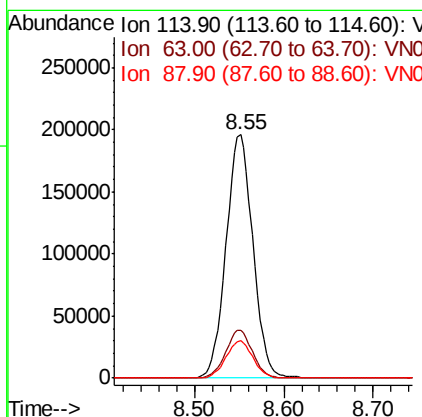
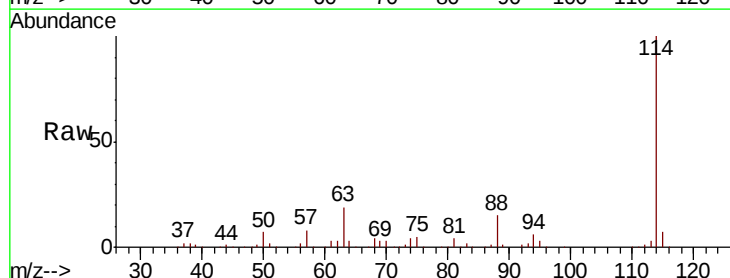
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781TB

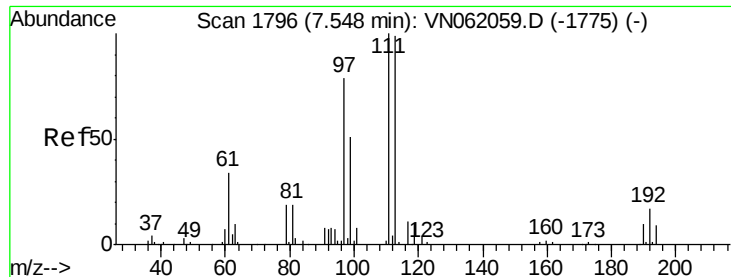
Tot Ion: 65 Resp: 151184
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

Tgt Ion: 114 Resp: 409400
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.3 0.0 30.8

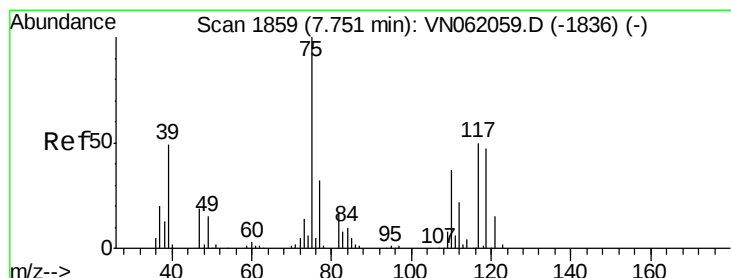
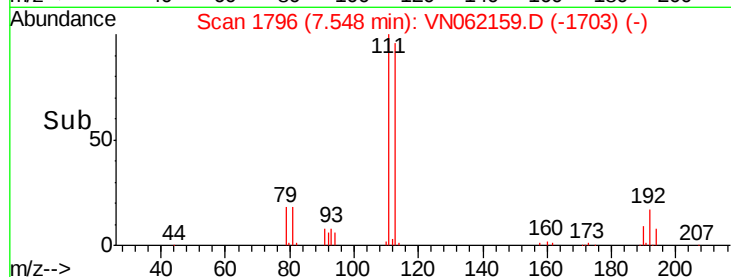
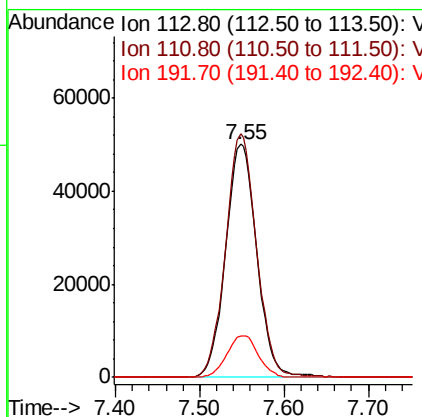
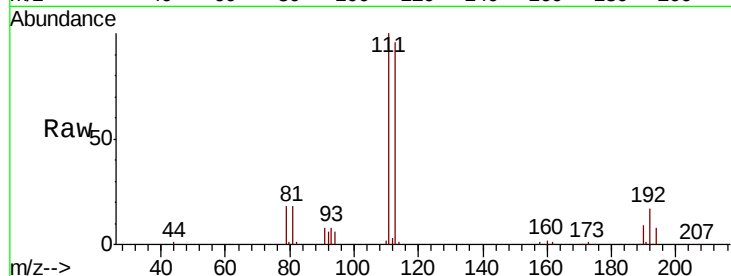




#35
 Dibromofluoromethane
 Concen: 48.948 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

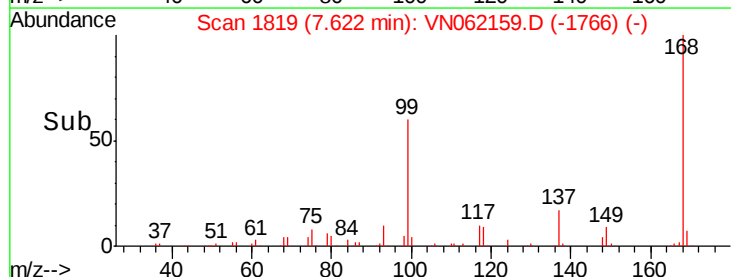
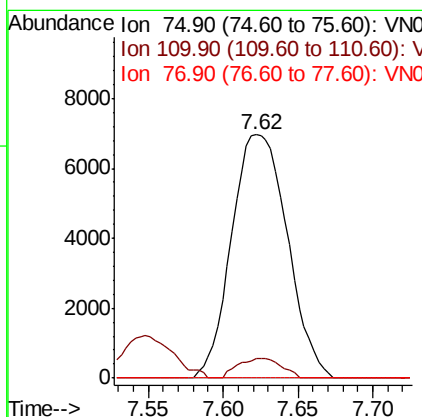
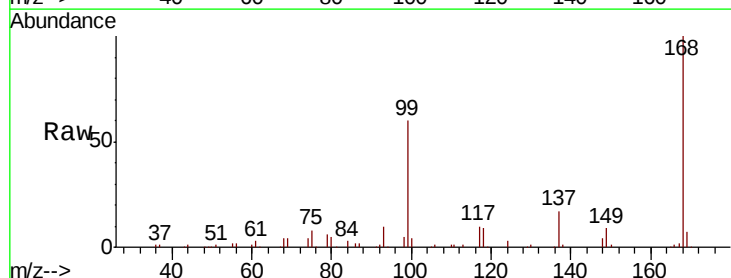
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129781TB

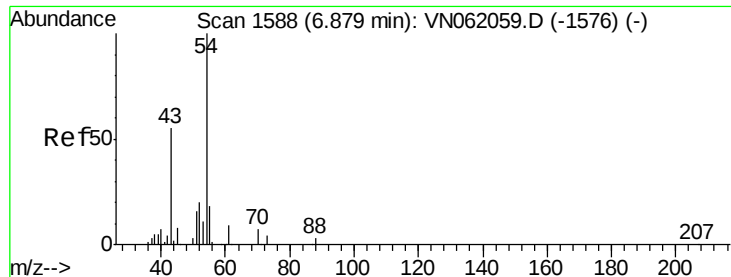
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	18.0	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.389 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.2	17.9	53.8#
77	0.0	24.9	37.3#

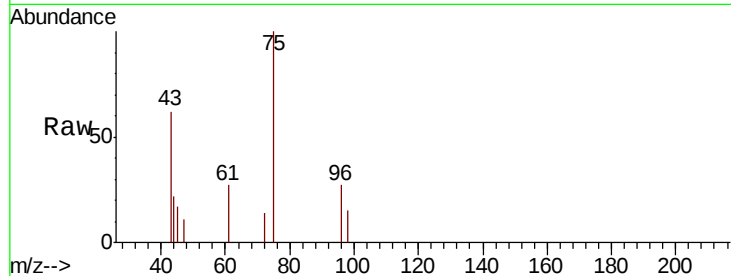




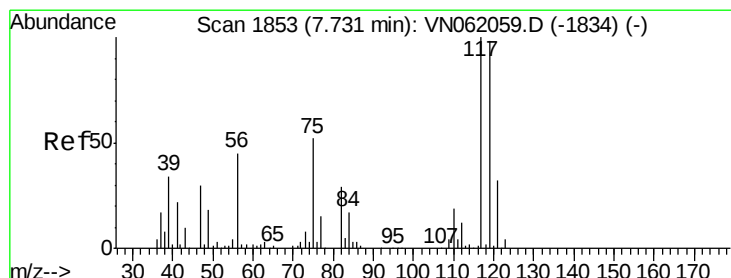
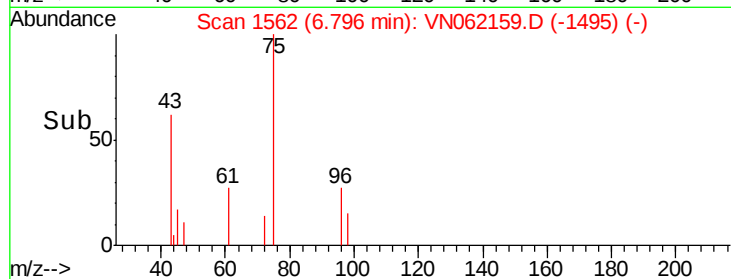
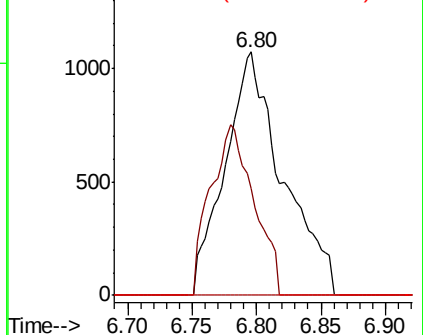
#37
Ethyl Acetate
Concen: 0.981 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.08 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Instrument :
MSVOA_N
ClientSampleId :
PB129781TB

Tot Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
61 52.7 12.0 18.0#
70 0.0 9.6 14.4#

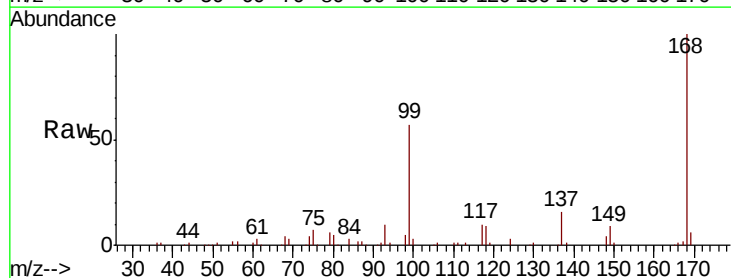


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

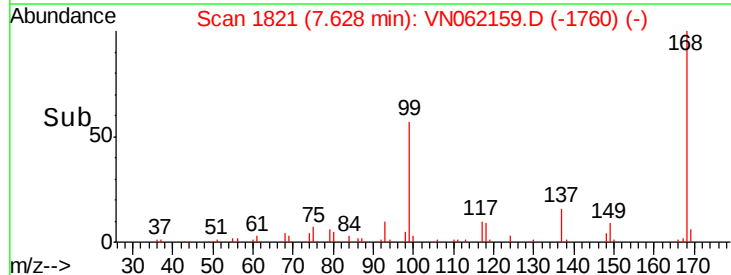
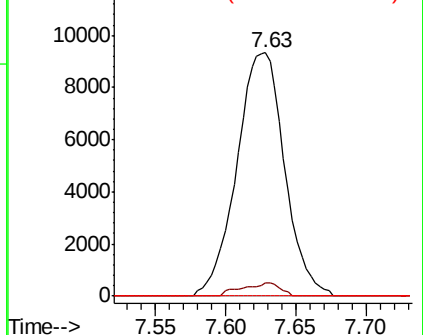


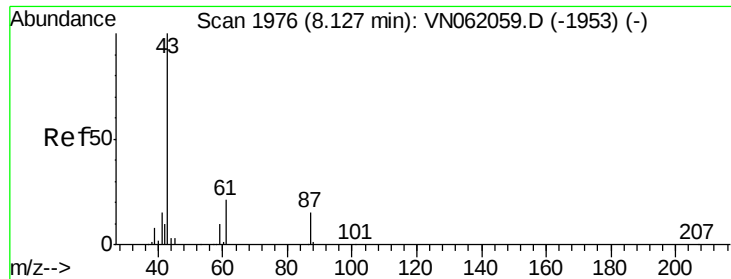
#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.10 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Tgt Ion: 117 Resp: 22127
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 25.8 38.6#



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: 10.493 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampled :

PB129781TB

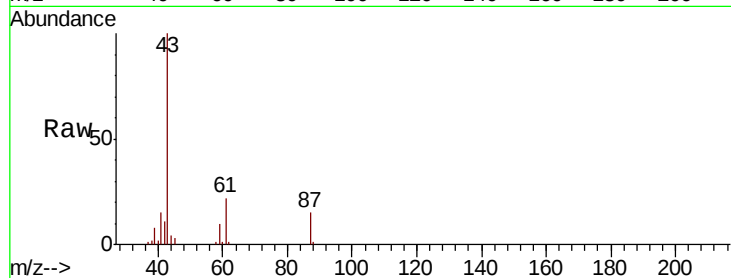
Tot Ion: 43 Resp: 58287

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

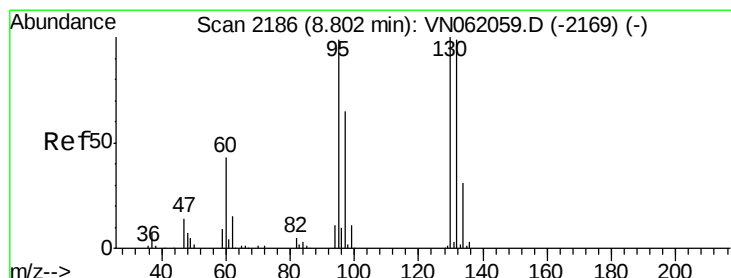
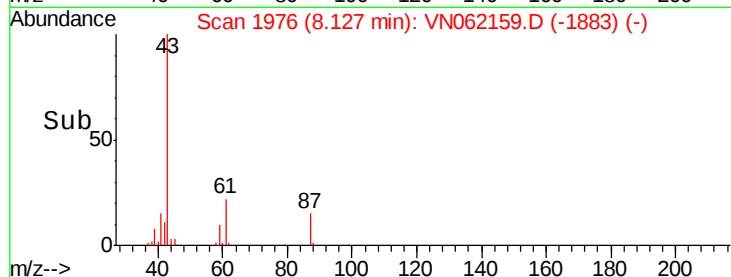
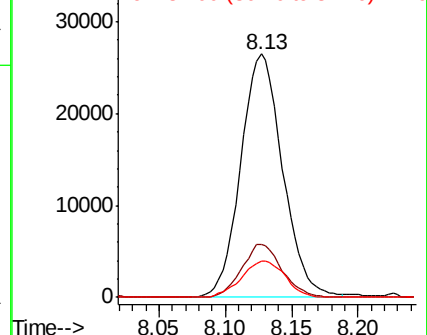
87 15.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 0.596 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062159.D

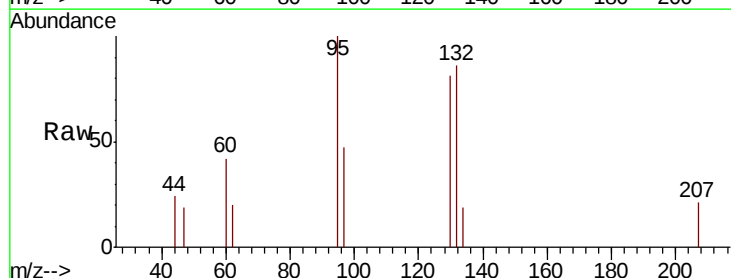
Acq: 26 Jun 2020 23:51

Tgt Ion:130 Resp: 1887

Ion Ratio Lower Upper

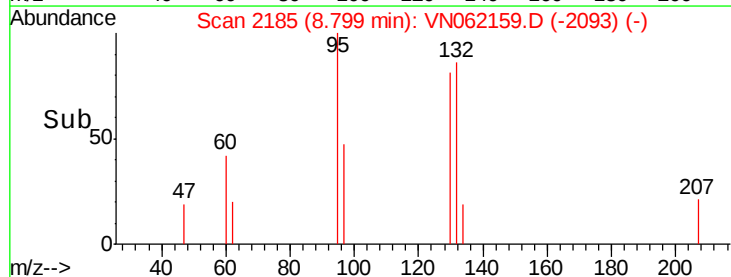
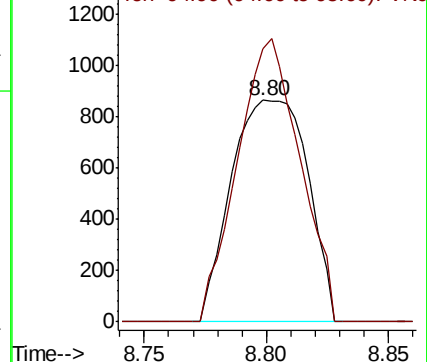
130 100

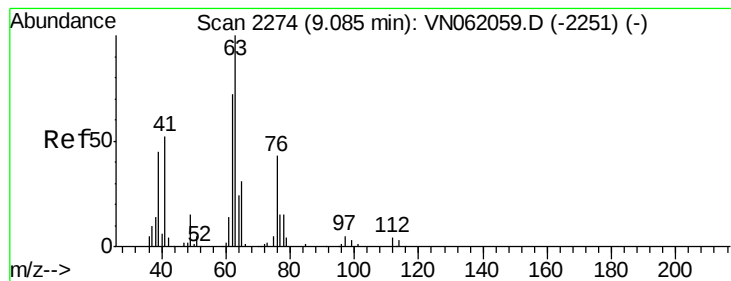
95 123.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 0.400 ug/l

RT: 9.24 min Scan# 2322

Delta R.T. 0.15 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

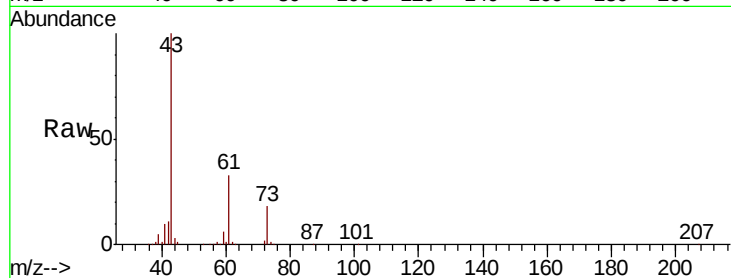
PB129781TB

Tot Ion: 63 Resp: 1237

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.24

800

600

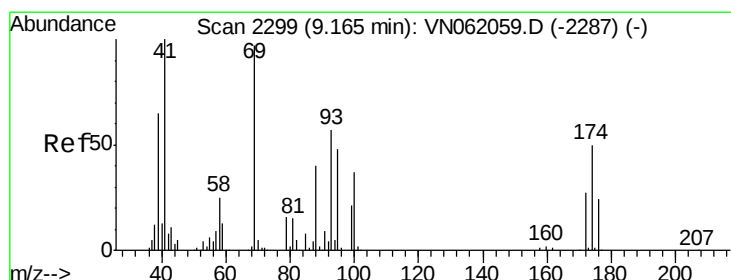
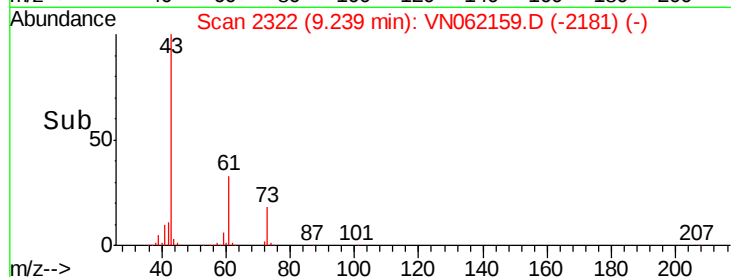
400

200

0

9.20 9.22 9.24 9.26

Time-->



#48

Methyl methacrylate

Concen: 39.114 ug/l

RT: 9.24 min Scan# 2321

Delta R.T. 0.07 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

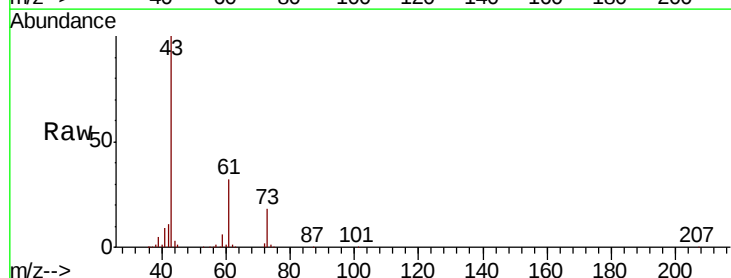
Tgt Ion: 41 Resp: 97419

Ion Ratio Lower Upper

41 100

69 0.0 80.7 121.1#

39 55.5 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.24

60000

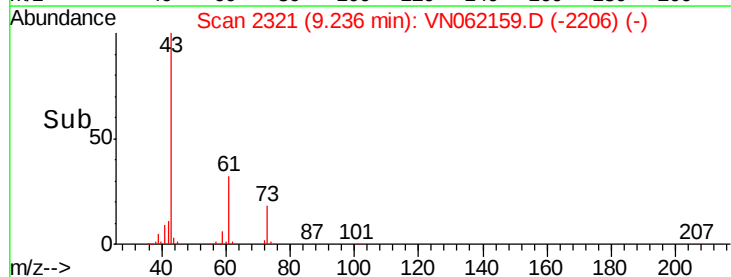
40000

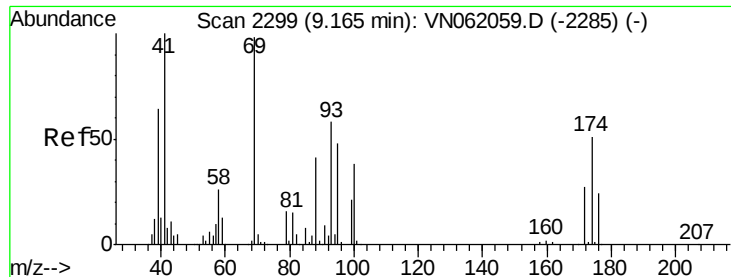
20000

0

9.15 9.20 9.25 9.30 9.35

Time-->

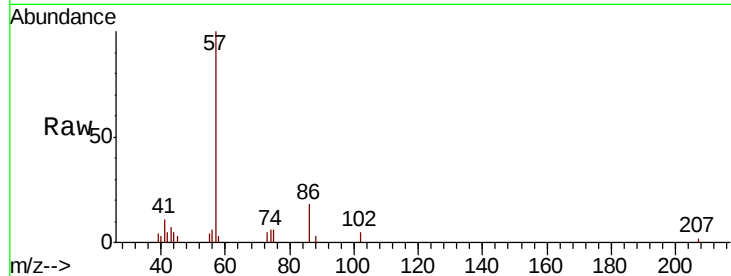




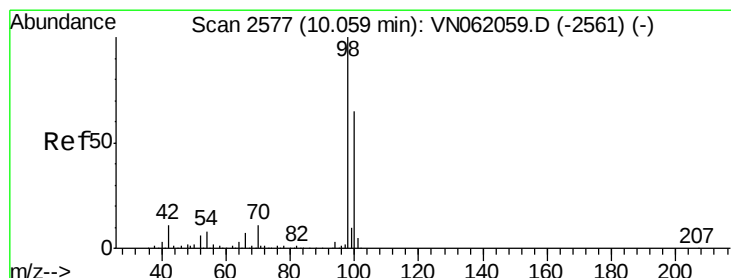
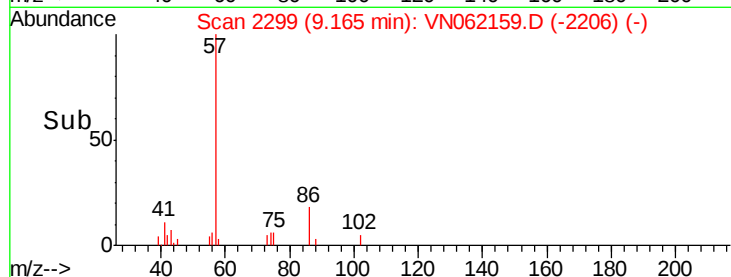
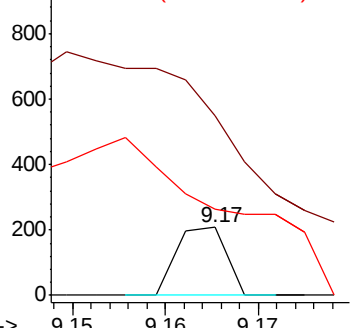
#49
 1,4-Dioxane
 Concen: 1.412 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

Instrument :
 MSVOA_N
 ClientSampled :
 PB129781TB

Tot Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.0 33.0#
 58 1142.3 49.2 73.8#

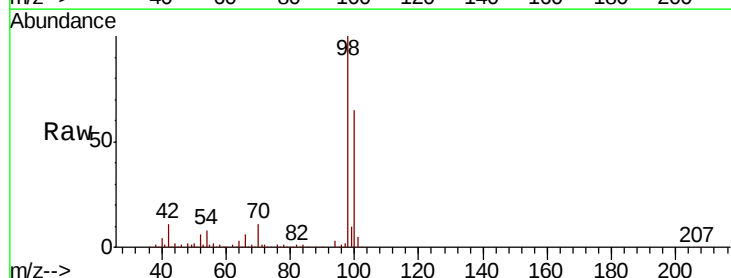


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

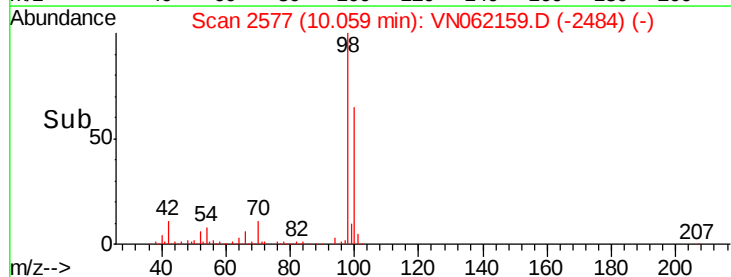
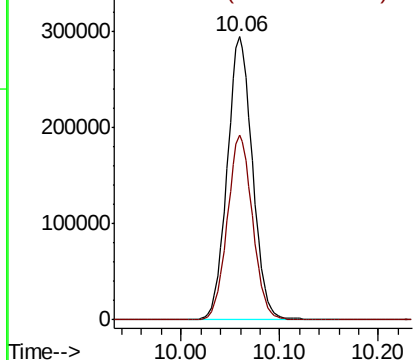


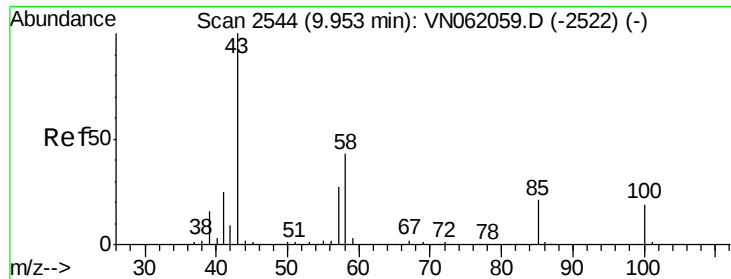
#50
 Toluene-d8
 Concen: 50.368 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

Tgt Ion: 98 Resp: 528808
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.958 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampled :

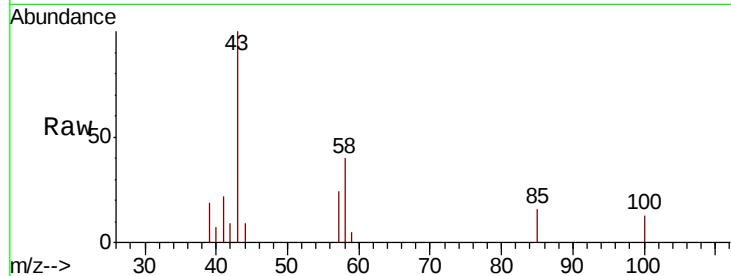
PB129781TB

Tot Ion: 43 Resp: 6353

Ion Ratio Lower Upper

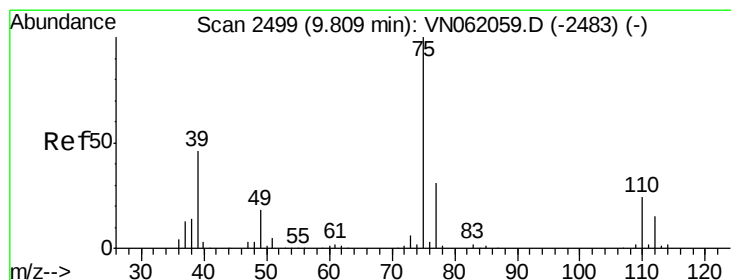
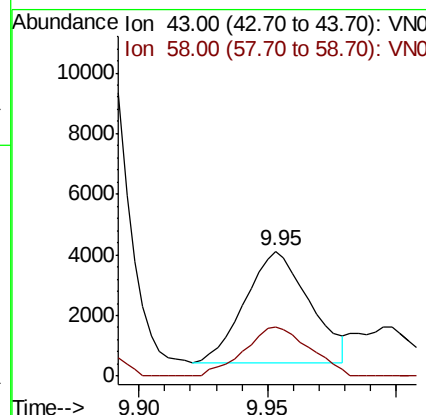
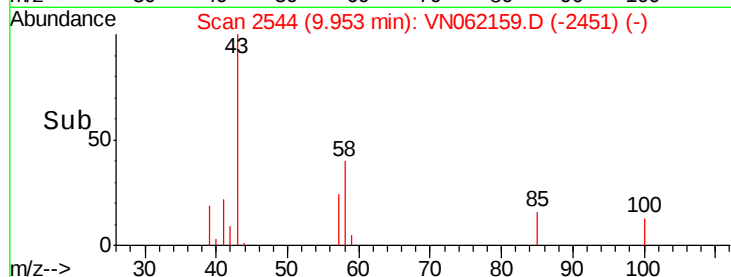
43 100

58 45.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)



#54

cis-1,3-Dichloropropene

Concen: 6.005 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

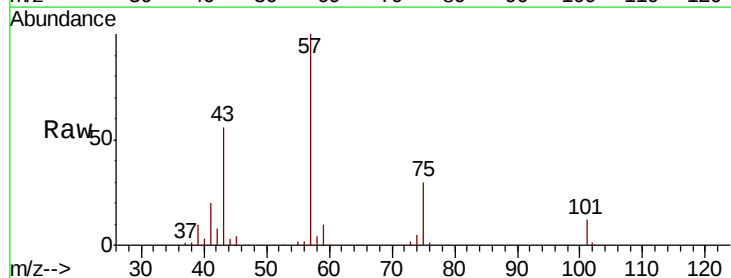
Tgt Ion: 75 Resp: 29794

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

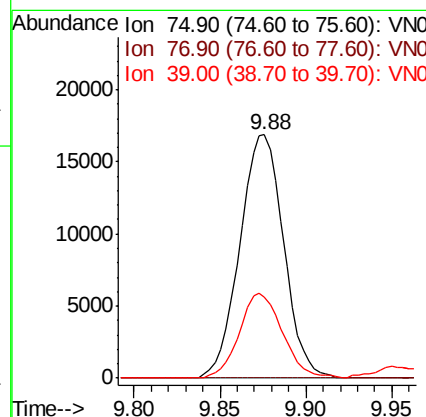
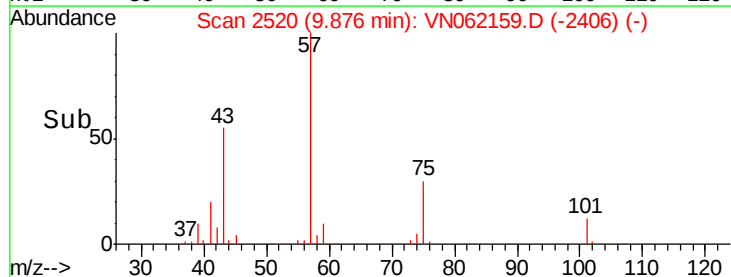
39 33.5 36.9 55.3#

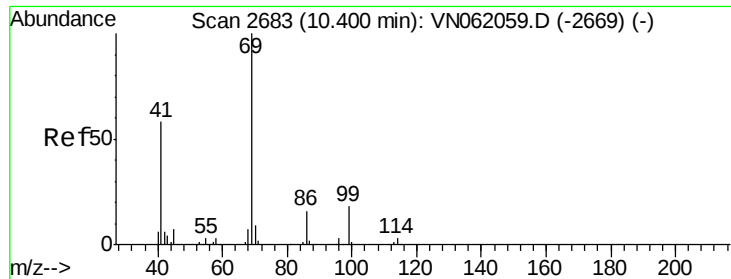


Abundance Ion 74.90 (74.60 to 75.60): VN062159.D (-2406) (-)

Ion 76.90 (76.60 to 77.60): VN062159.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN062159.D (-2406) (-)





#56

Ethyl methacrylate

Concen: 0.329 ug/l

RT: 10.52 min Scan# 2719

Delta R.T. 0.12 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

PB129781TB

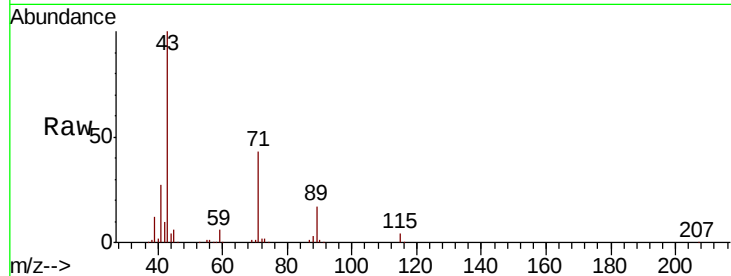
Tot Ion: 69 Resp: 1322

Ion Ratio Lower Upper

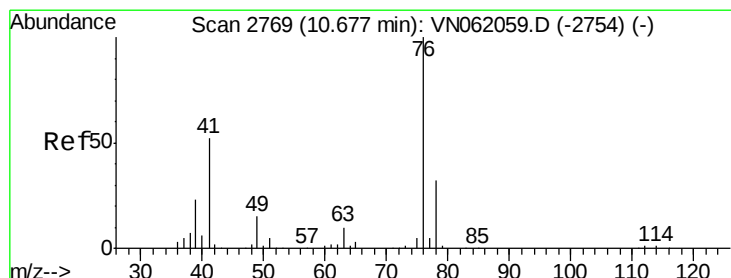
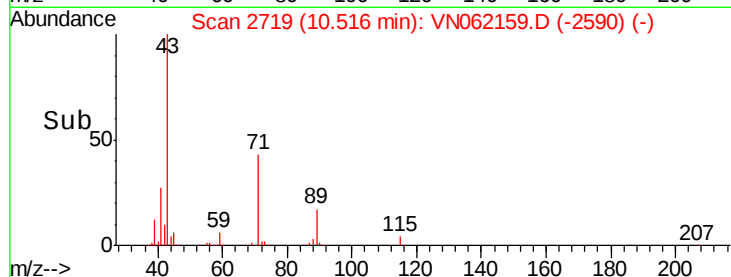
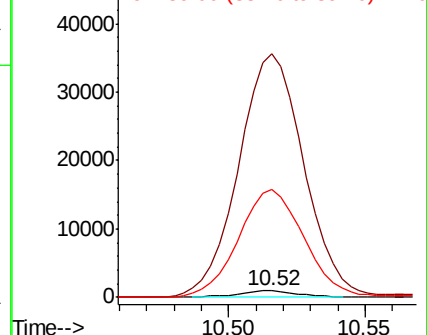
69 100

41 4490.1 46.6 70.0#

39 2001.8 31.0 46.4#



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



#57

1,3-Dichloropropane

Concen: 1.053 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.06 min

Lab File: VN062159.D

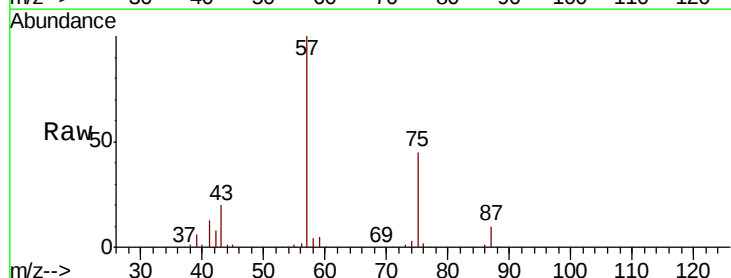
Acq: 26 Jun 2020 23:51

Tgt Ion: 76 Resp: 5455

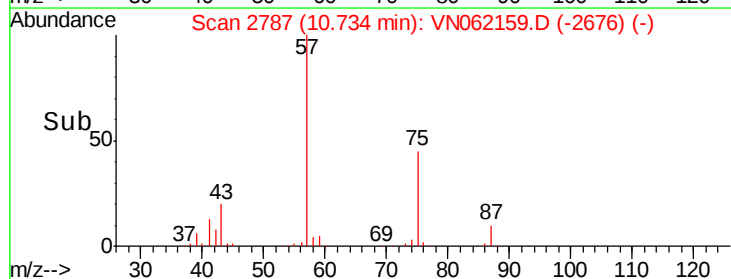
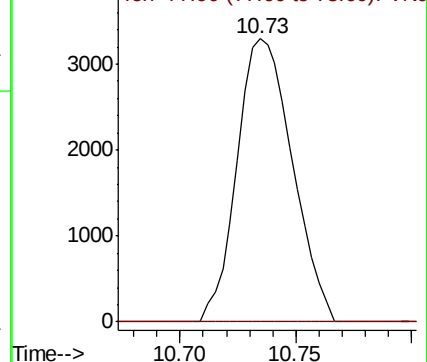
Ion Ratio Lower Upper

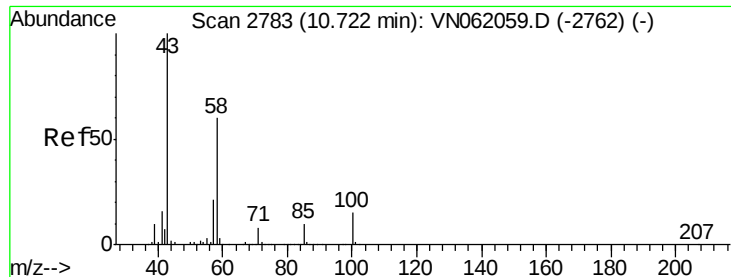
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

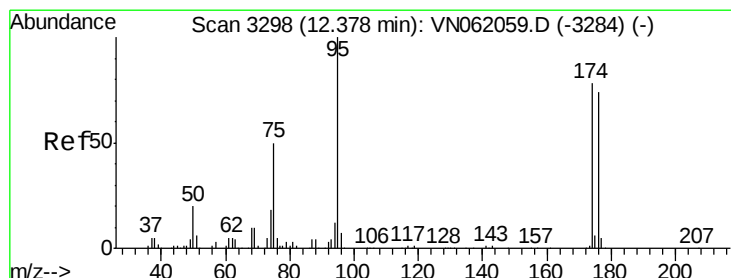
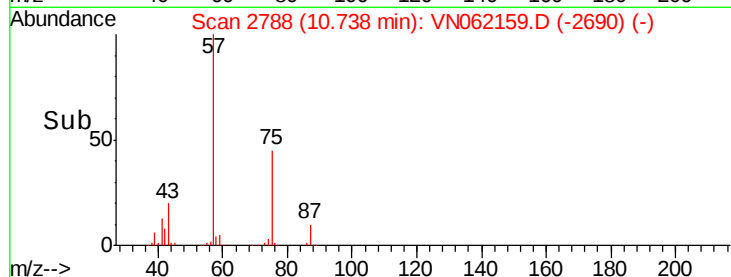
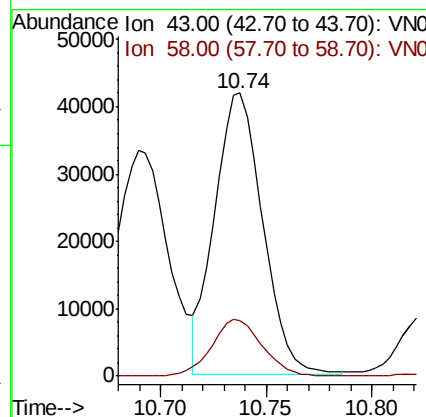
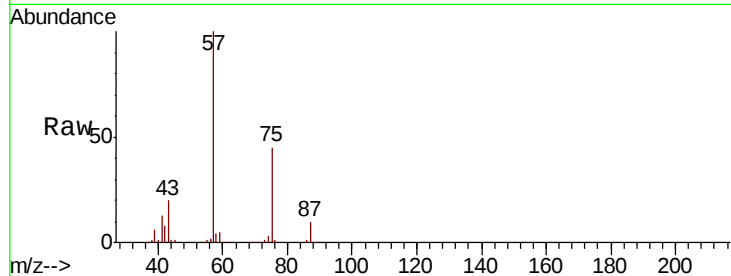




#59
2-Hexanone
Concen: 28.298 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

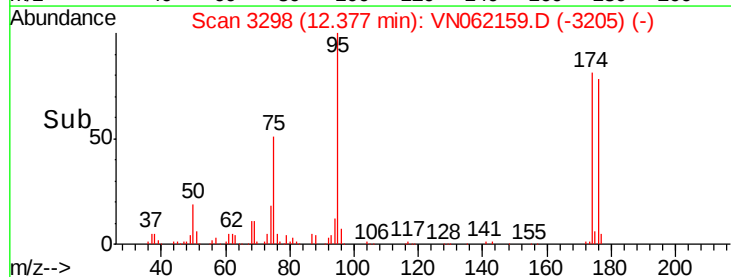
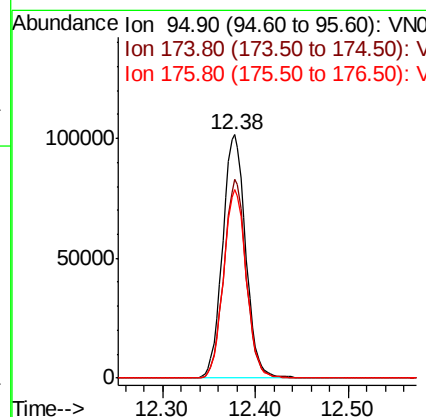
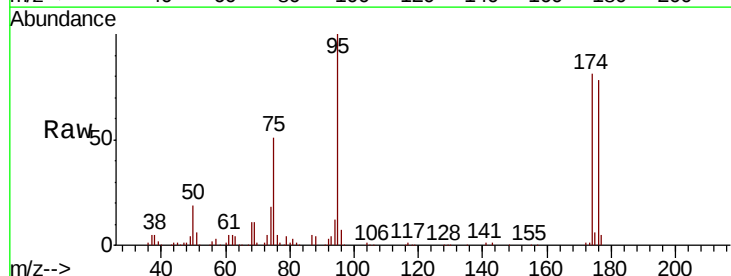
Instrument :
MSVOA_N
ClientSampleId :
PB129781TB

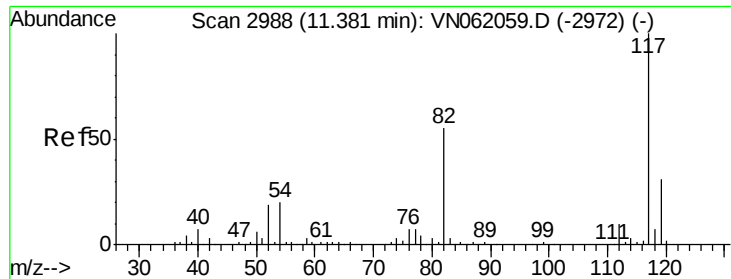
Tot Ion: 43 Resp: 66316
Ion Ratio Lower Upper
43 100
58 21.2 29.5 88.5#



#62
4-Bromofluorobenzene
Concen: 49.382 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Tgt Ion: 95 Resp: 175166
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.8
176 76.5 0.0 147.4

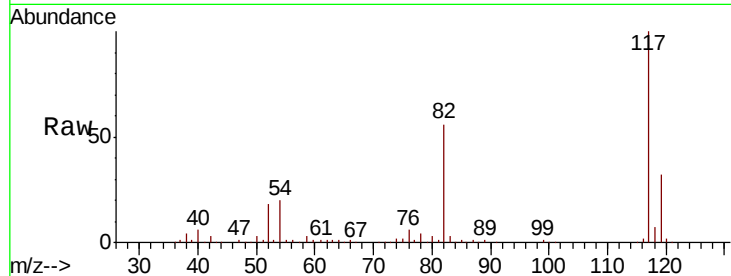




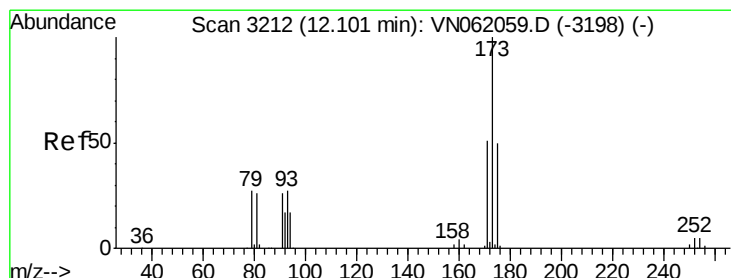
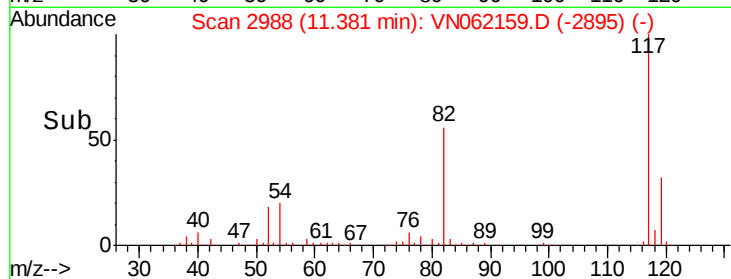
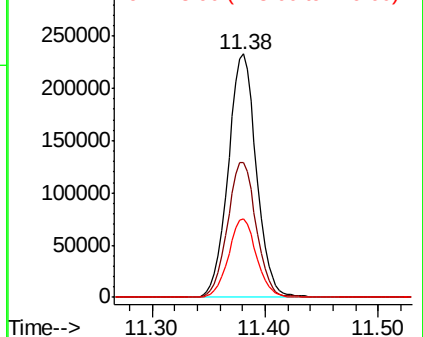
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Instrument :
MSVOA_N
ClientSampleId :
PB129781TB

Tot Ion:117 Resp: 404119
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.4 25.2 37.8

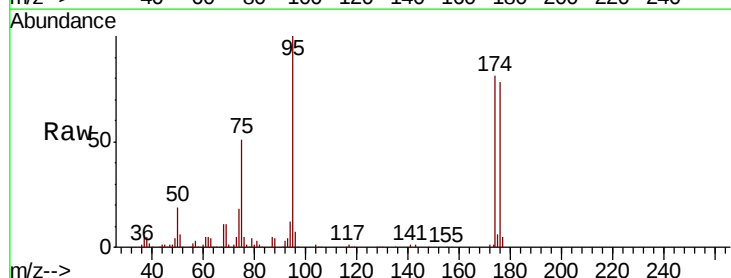


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

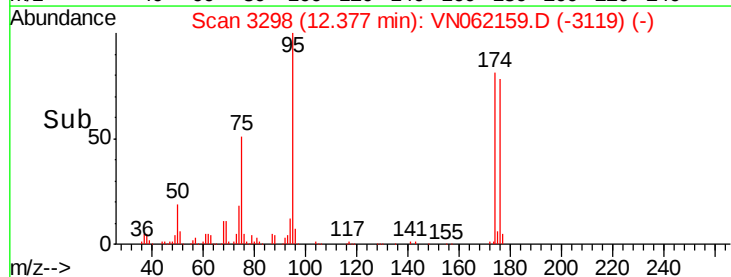
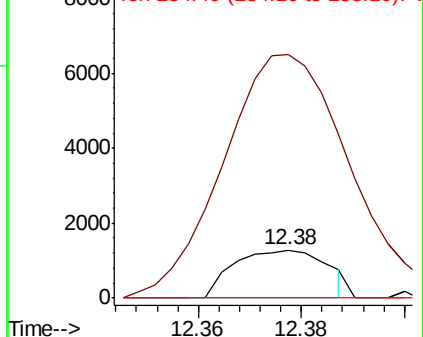


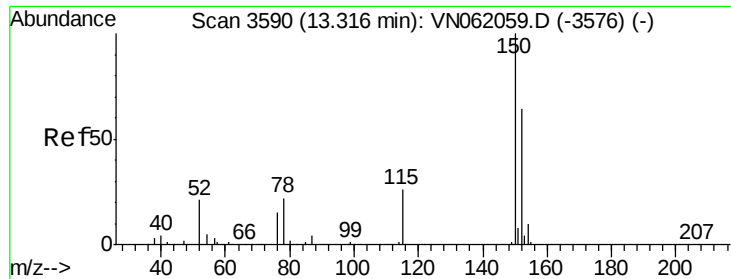
#71
Bromoform
Concen: 0.730 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Tgt Ion:173 Resp: 1593
Ion Ratio Lower Upper
173 100
175 583.8 24.7 74.1#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

PB129781TB

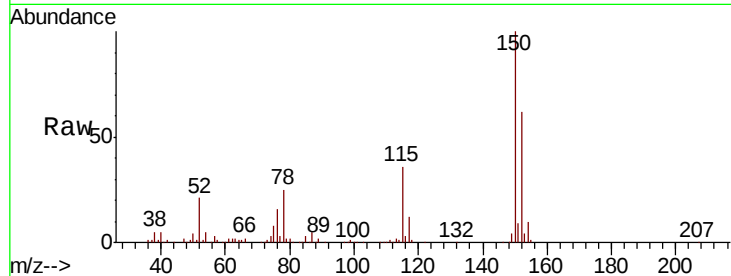
Tot Ion:152 Resp: 152643

Ion Ratio Lower Upper

152 100

115 58.7 29.5 88.5

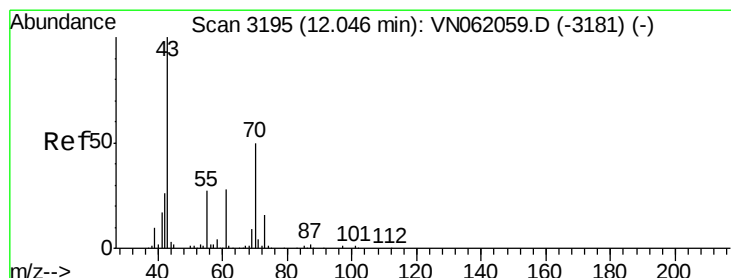
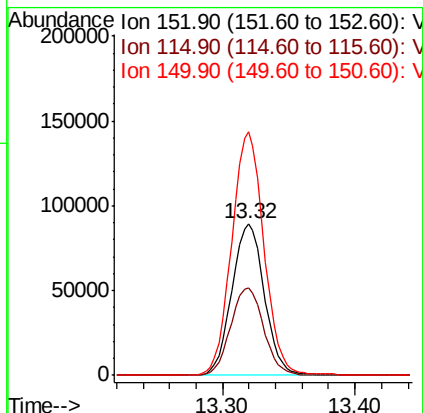
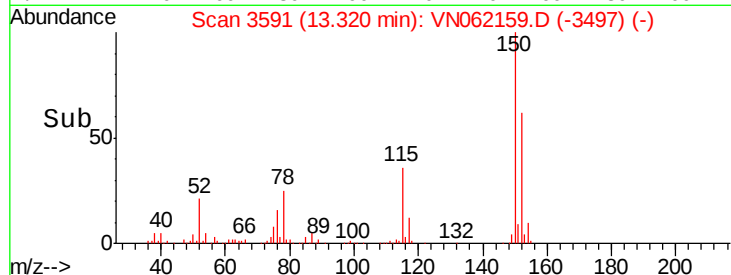
150 159.2 0.0 351.4



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: 3.549 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Tgt Ion: 43 Resp: 958

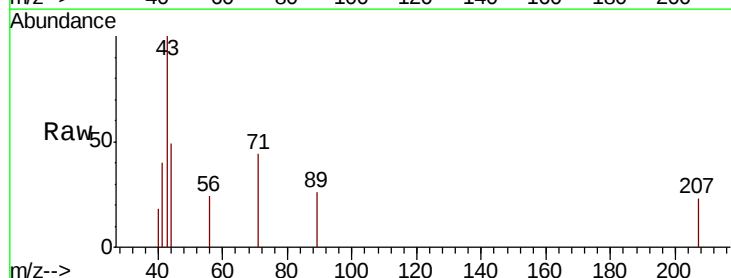
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

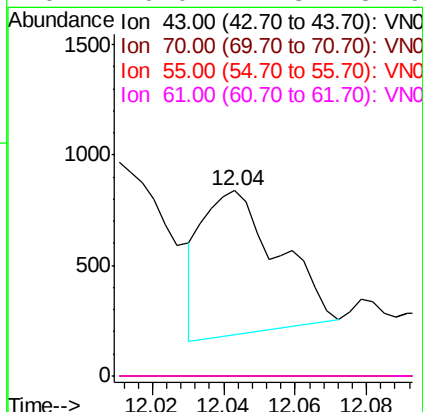
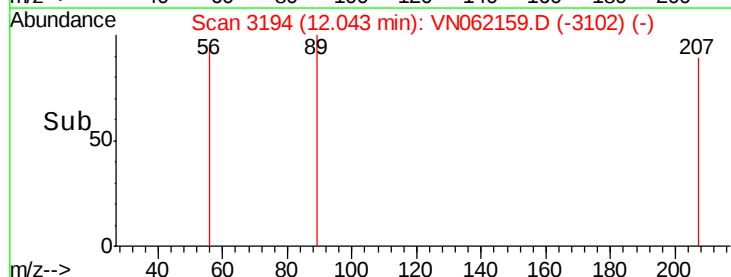


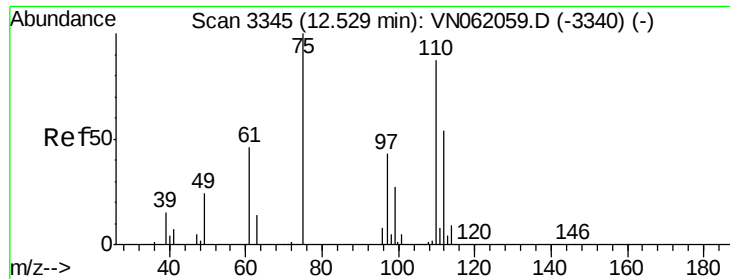
Abundance Ion 43.00 (42.70 to 43.70): V

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: 24.892 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampled :

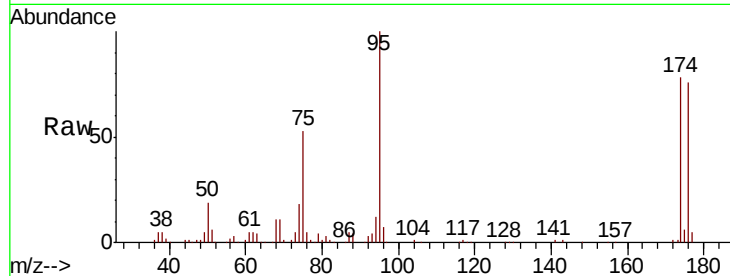
PB129781TB

Tot Ion: 75 Resp: 89447

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062159.D (-3297) (-)

Ion 77.00 (76.70 to 77.70): VN062159.D (-3297) (-)

12.37

60000

50000

40000

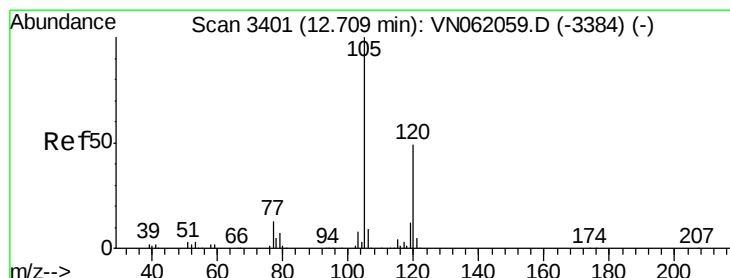
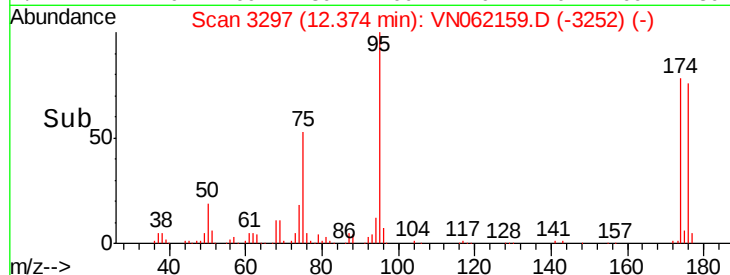
30000

20000

10000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.480 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062159.D

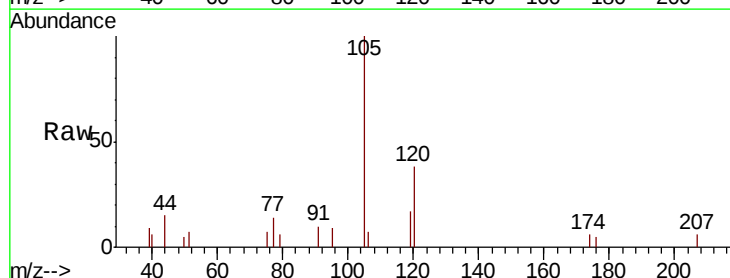
Acq: 26 Jun 2020 23:51

Tgt Ion: 105 Resp: 4601

Ion Ratio Lower Upper

105 100

120 42.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062159.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062159.D (-3401) (-)

12.71

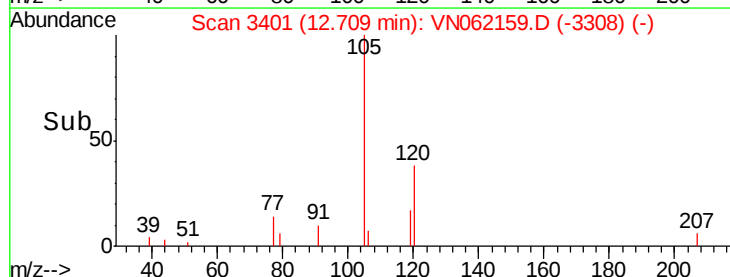
3000

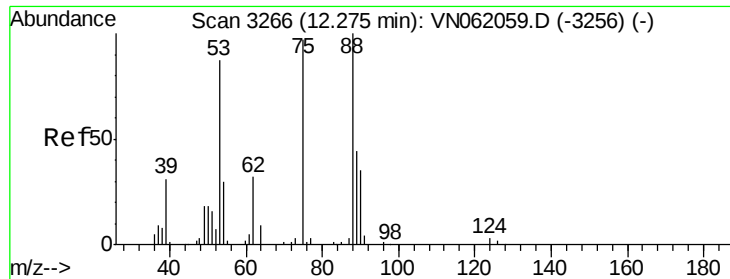
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 72.695 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

Instrument :

MSVOA_N

ClientSampleId :

PB129781TB

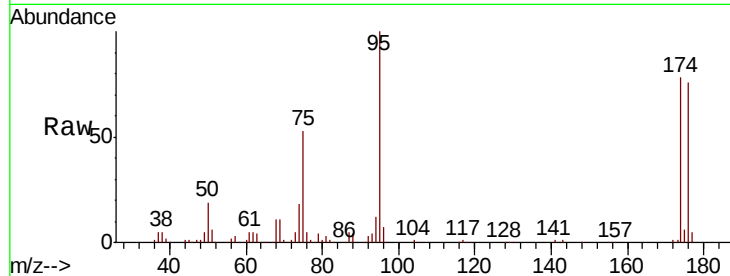
Tot Ion: 75 Resp: 89447

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

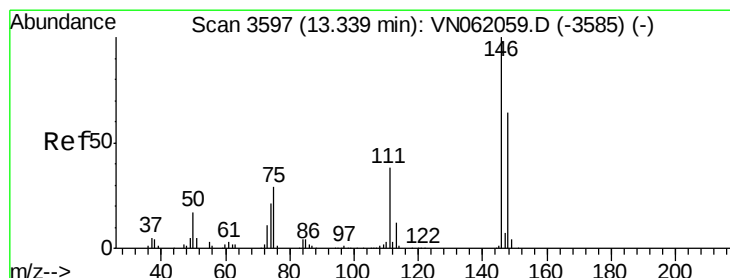
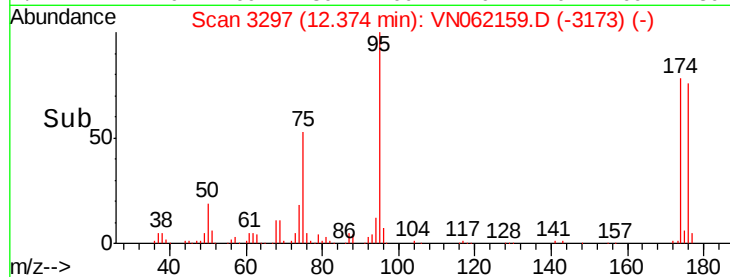
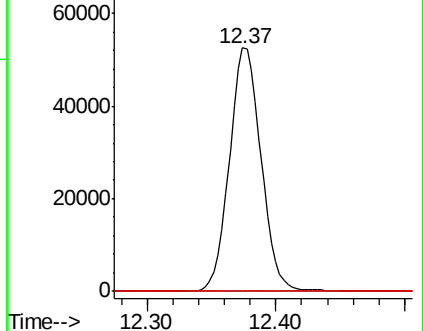
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062159.D (-3297) (-)

Ion 53.00 (52.70 to 53.70): VN062159.D (-3297) (-)

Ion 88.90 (88.60 to 89.60): VN062159.D (-3297) (-)



#88

1,4-Dichlorobenzene

Concen: 0.215 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN062159.D

Acq: 26 Jun 2020 23:51

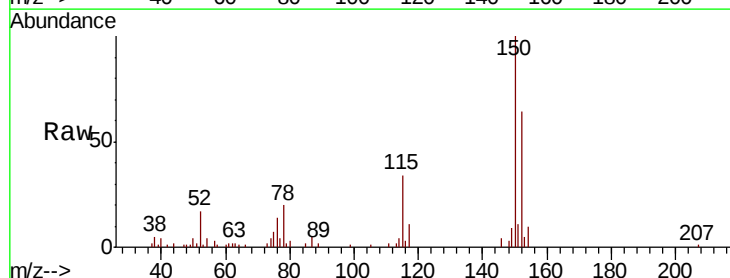
Tgt Ion: 146 Resp: 1139

Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.6#

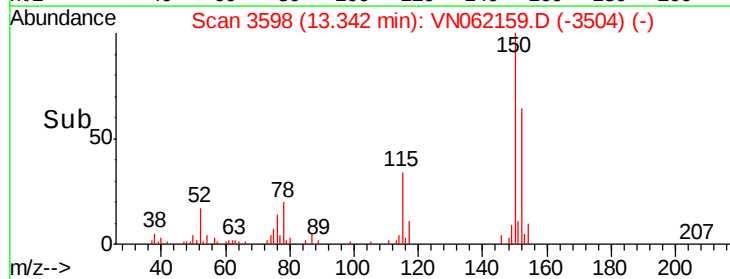
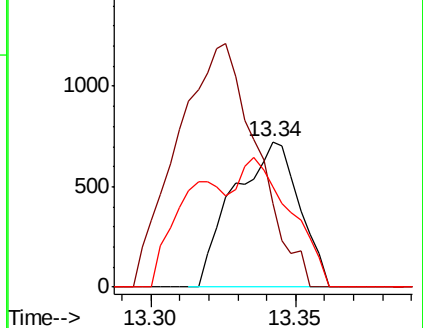
148 73.6 31.9 95.9

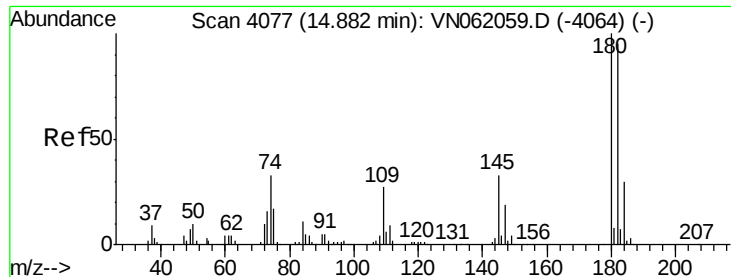


Abundance Ion 145.90 (145.60 to 146.60): VN062159.D (-3598) (-)

Ion 110.90 (110.60 to 111.60): VN062159.D (-3598) (-)

Ion 147.90 (147.60 to 148.60): VN062159.D (-3598) (-)

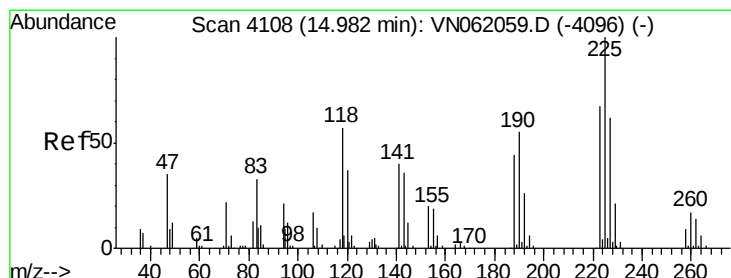
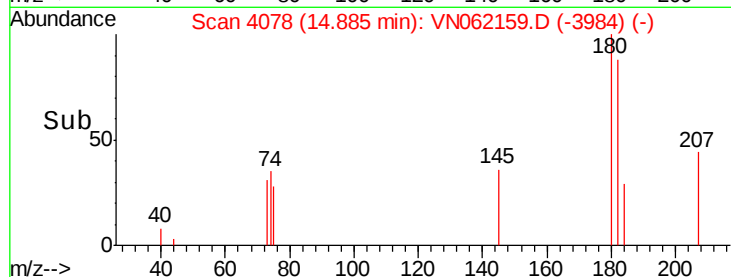
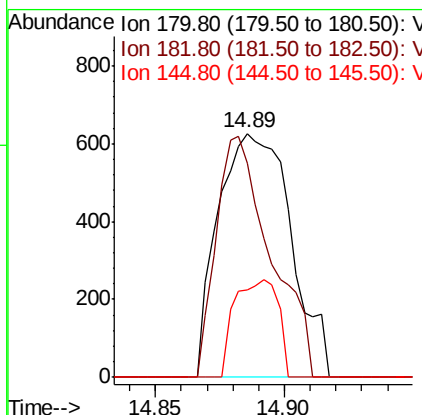
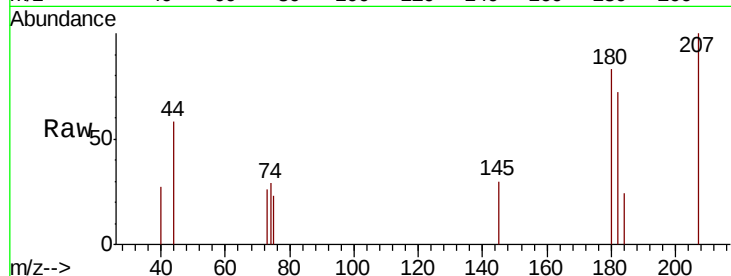




#93
 1,2,4-Trichlorobenzene
 Concen: 0.563 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

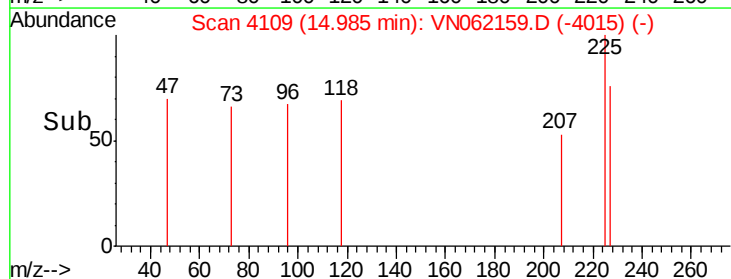
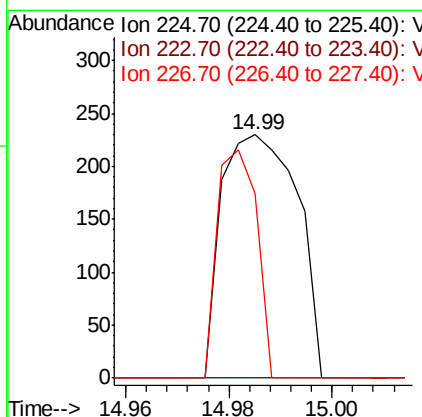
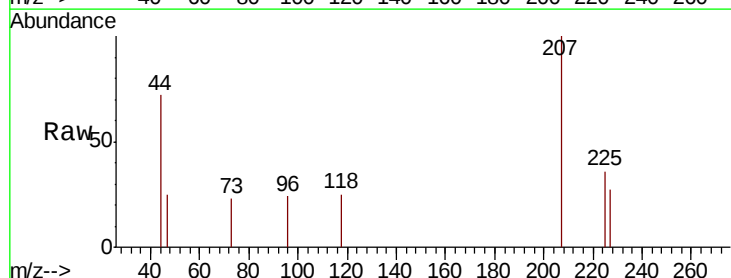
Instrument :
 MSVOA_N
 ClientSampled :
 PB129781TB

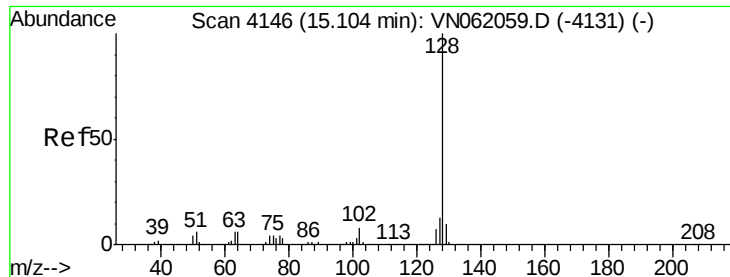
Tot Ion:180 Resp: 1228
 Ion Ratio Lower Upper
 180 100
 182 73.9 48.0 144.2
 145 23.9 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 0.246 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062159.D
 Acq: 26 Jun 2020 23:51

Tgt Ion:225 Resp: 233
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.9 98.7#
 227 48.9 31.3 93.8

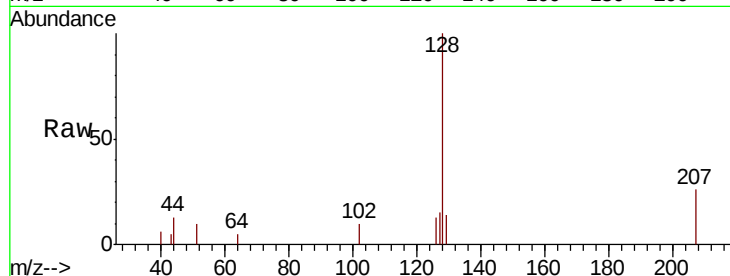




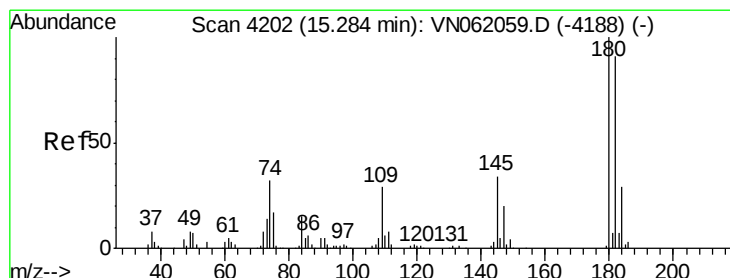
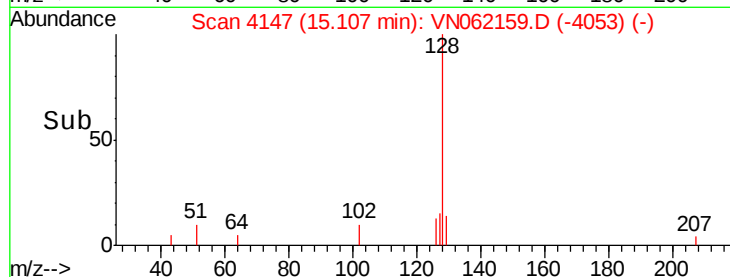
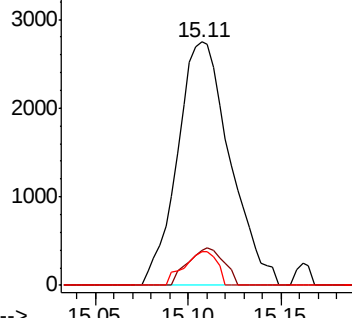
#95
Naphthalene
Concen: 4.678 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Instrument :
MSVOA_N
ClientSampled :
PB129781TB

Tot Ion:128 Resp: 5399
Ion Ratio Lower Upper
128 100
127 10.5 10.5 15.7
129 8.6 8.6 13.0#

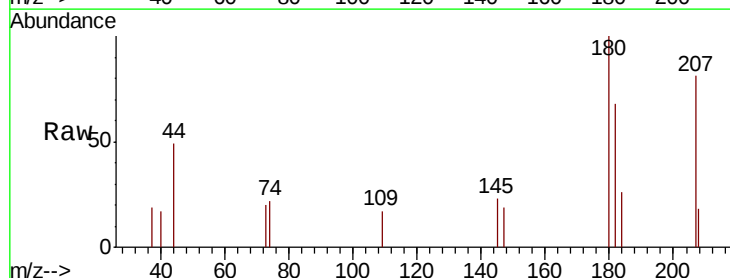


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 0.641 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062159.D
Acq: 26 Jun 2020 23:51

Tgt Ion:180 Resp: 1430
Ion Ratio Lower Upper
180 100
182 82.6 46.8 140.4
145 19.1 16.4 49.2



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

