

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061720.D
 Acq On : 9 Jun 2020 12:53
 Operator : JC/MD
 Sample : PB129410ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

Quant Time: Jun 10 03:01:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	296655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	501766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	510567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	164603	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	7.55	113	132132	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.06	98	612094	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.38	95	218619	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

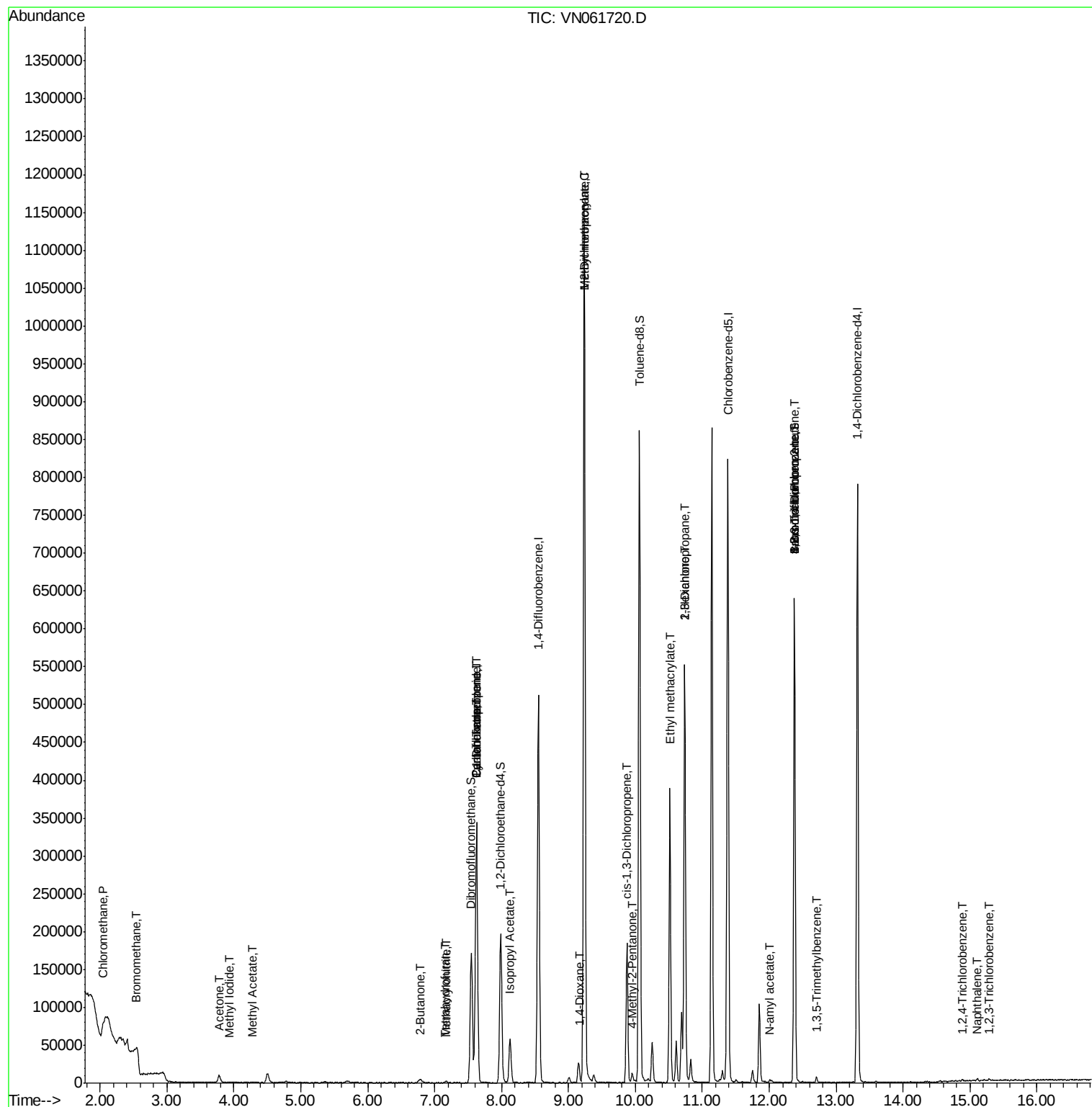
						Qvalue
3) Chloromethane	2.04	50	1232	0.340	ug/l #	88
5) Bromomethane	2.55	94	1045	0.367	ug/l #	29
10) Methyl Iodide	3.92	142	897	0.228	ug/l #	40
16) Acetone	3.78	43	15184	9.626	ug/l	99
18) Methyl Acetate	4.28	43	1827	0.571	ug/l #	57
20) Methylene Chloride	4.50	84	4873	Below Cal		97
25) 2-Butanone	6.79	43	1894	1.131	ug/l	97
29) Tetrahydrofuran	7.16	42	442	0.400	ug/l #	25
31) Cyclohexane	7.63	56	5049	1.014	ug/l #	21
36) 1,1-Dichloropropene	7.62	75	19478	4.385	ug/l #	48
38) Carbon Tetrachloride	7.63	117	27151	6.337	ug/l #	16
41) Methacrylonitrile	7.16	41	571	0.348	ug/l #	31
43) Isopropyl Acetate	8.13	43	64974	10.094	ug/l #	92
45) 1,2-Dichloropropane	9.24	63	1560	0.479	ug/l #	44
48) Methyl methacrylate	9.24	41	101578	35.076	ug/l #	33
49) 1,4-Dioxane	9.18	88	70	1.560	ug/l #	29
51) 4-Methyl-2-Pentanone	9.95	43	6388	1.761	ug/l #	86
54) cis-1,3-Dichloropropene	9.88	75	37617	6.567	ug/l #	61
56) Ethyl methacrylate	10.51	69	1343	0.270	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	6462	1.134	ug/l #	42
59) 2-Hexanone	10.74	43	69085	26.520	ug/l #	50
71) Bromoform	12.38	173	1920	0.631	ug/l #	1
74) N-ethyl acetate	12.01	43	1871	0.355	ug/l #	40
76) 1,2,3-Trichloropropane	12.38	75	105024	25.214	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3810	0.273	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.38	75	105024	64.478	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.89	180	917	0.217	ug/l #	84
95) Naphthalene	15.11	128	3162	0.246	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.29	180	973	0.234	ug/l #	84

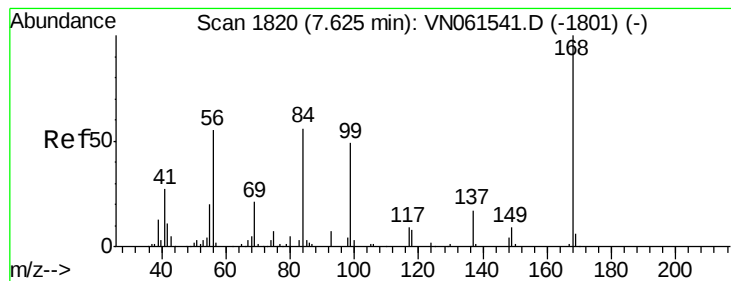
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
Data File : VN061720.D
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

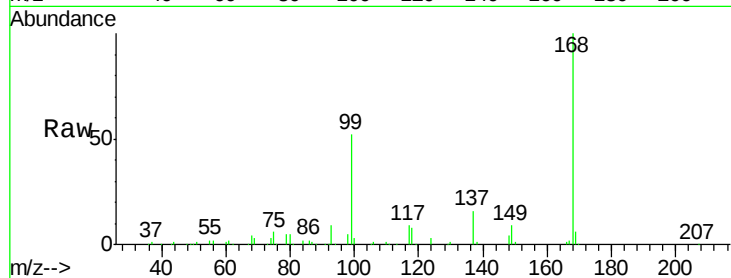
PB129410ZHE#01

Tot Ion:168 Resp: 296655

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

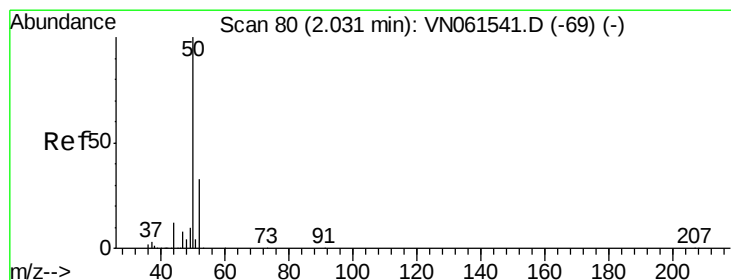
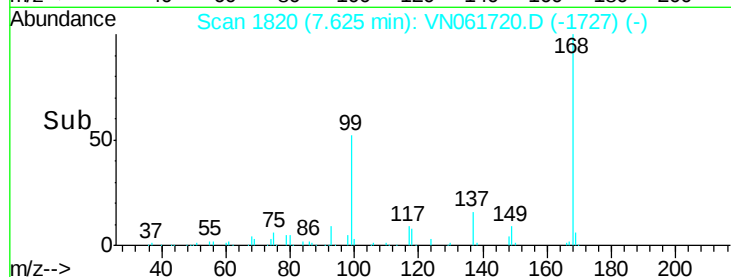
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.340 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061720.D

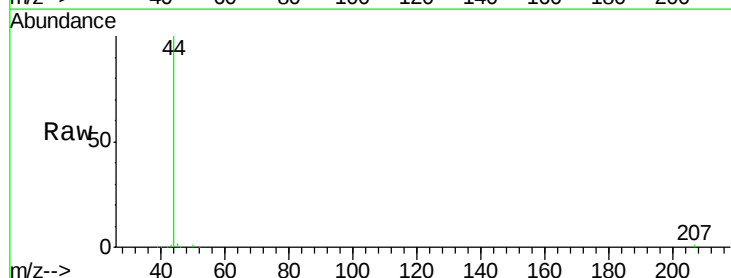
Acq: 9 Jun 2020 12:53

Tgt Ion: 50 Resp: 1232

Ion Ratio Lower Upper

50 100

52 26.3 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

800

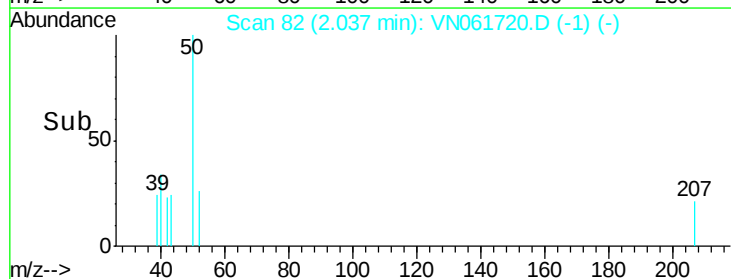
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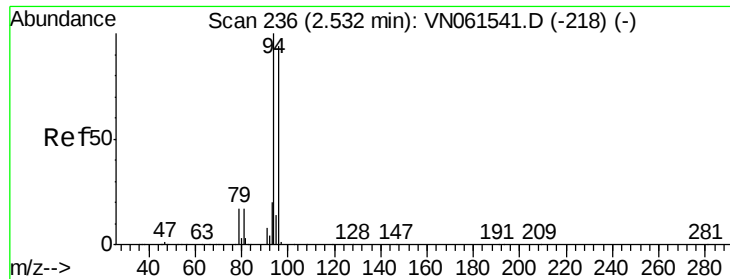
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#5

Bromomethane

Concen: 0.367 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

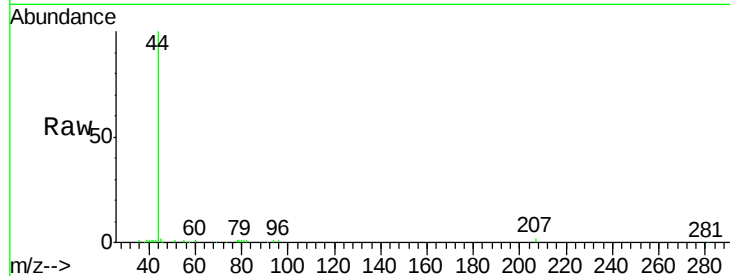
PB129410ZHE#01

Tot Ion: 94 Resp: 1045

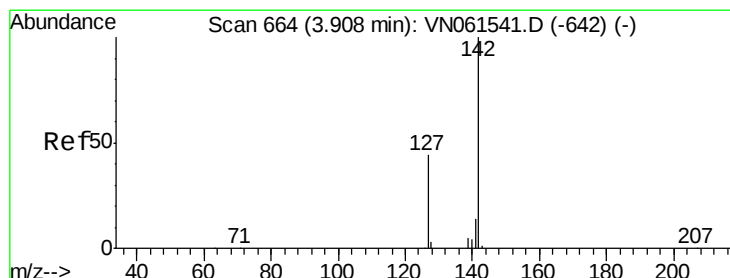
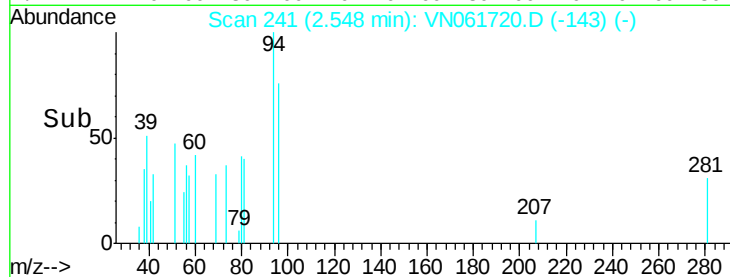
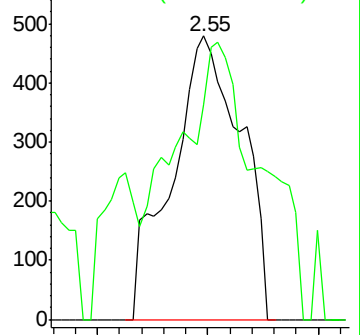
Ion Ratio Lower Upper

94 100

96 25.5 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)



#10

Methyl Iodide

Concen: 0.228 ug/l

RT: 3.92 min Scan# 669

Delta R.T. 0.02 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

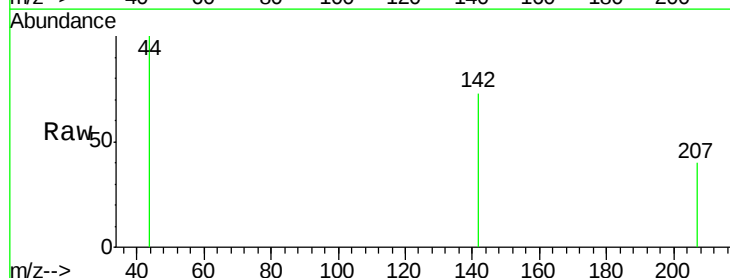
Tgt Ion: 142 Resp: 897

Ion Ratio Lower Upper

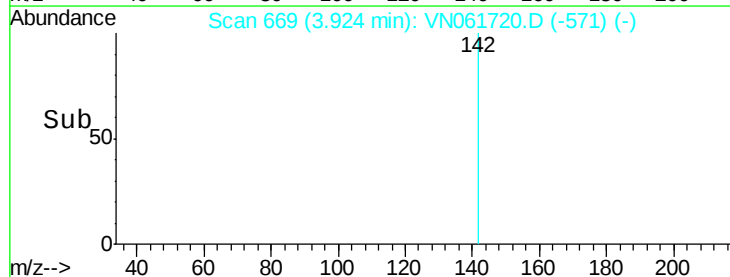
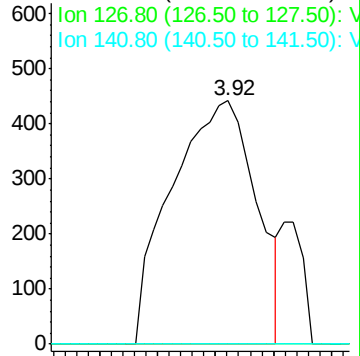
142 100

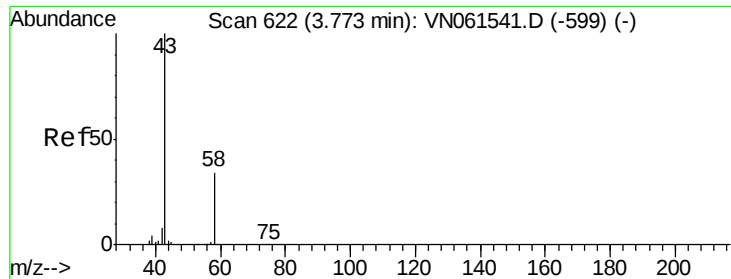
127 0.0 35.5 53.3#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VN061541.D (-642) (-)

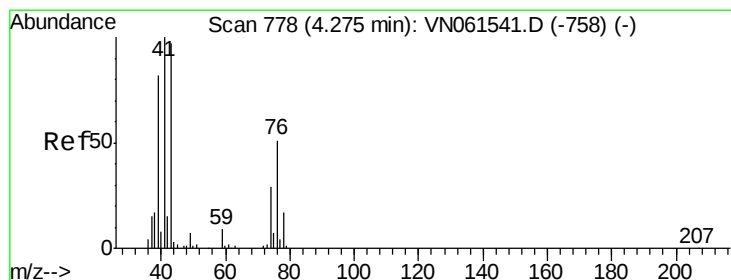
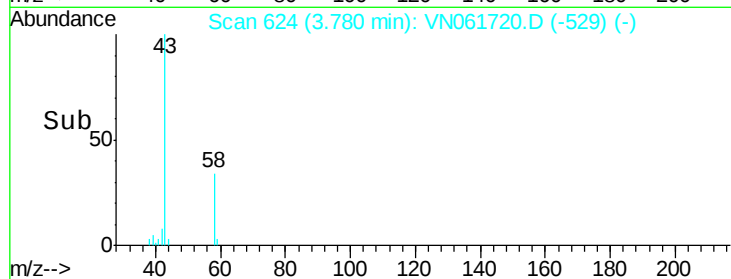
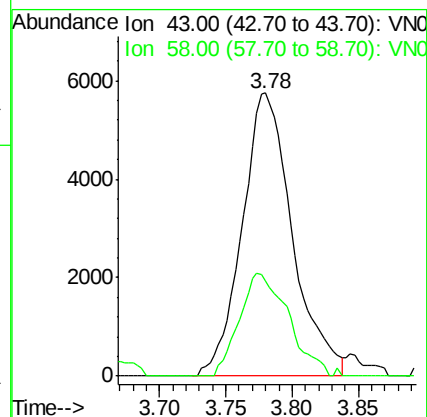
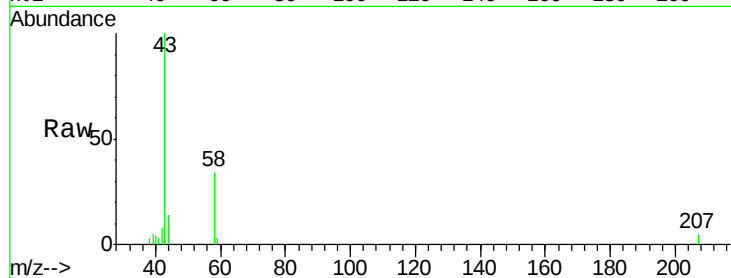




#16
Acetone
Concen: 9.626 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

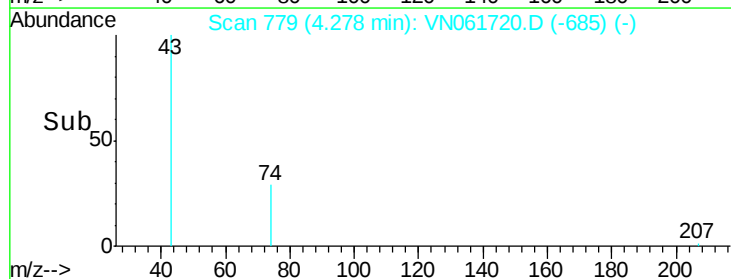
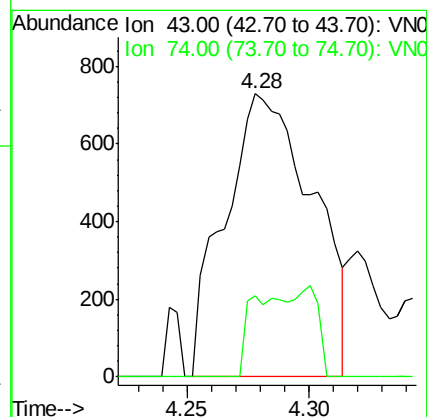
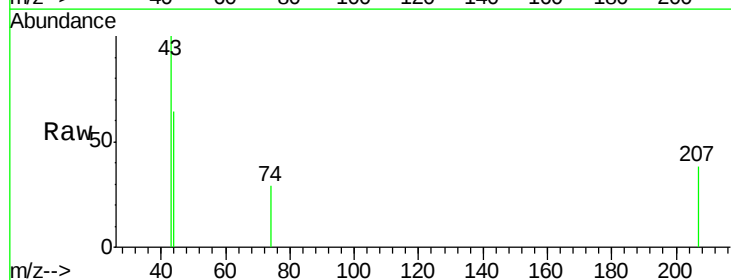
Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

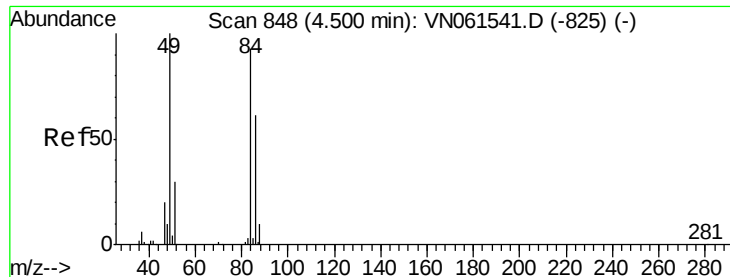
Tot Ion: 43 Resp: 15184
Ion Ratio Lower Upper
43 100
58 33.7 27.2 40.8



#18
Methyl Acetate
Concen: 0.571 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
74 6.2 23.2 34.8#

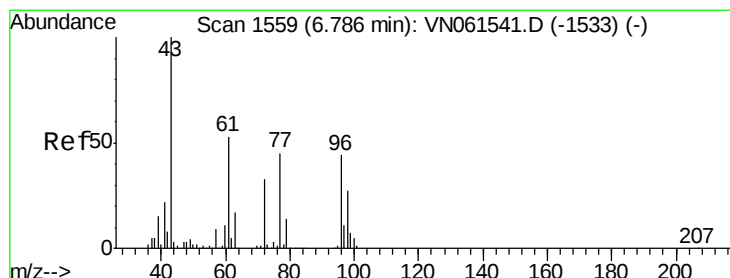
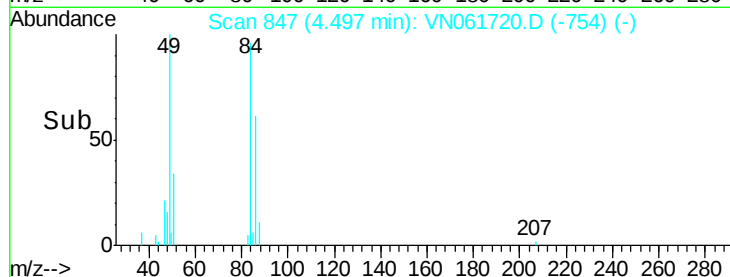
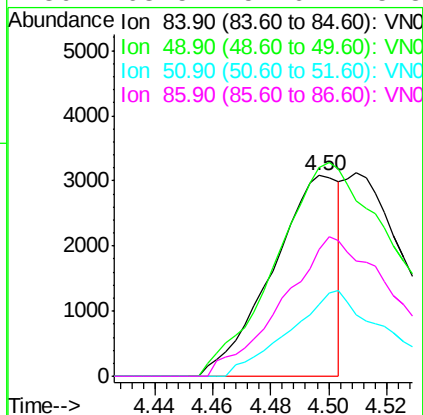
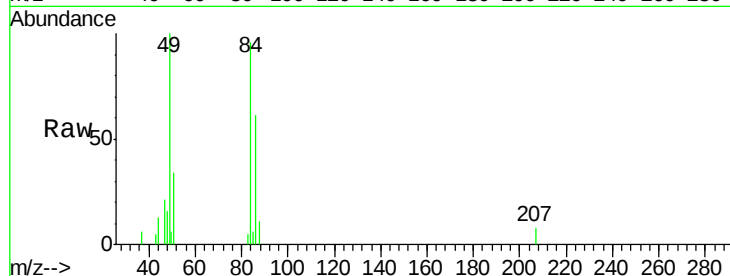




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

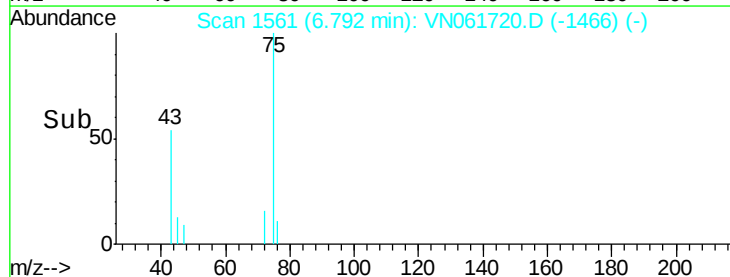
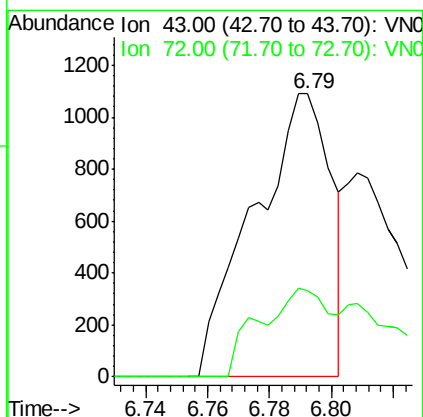
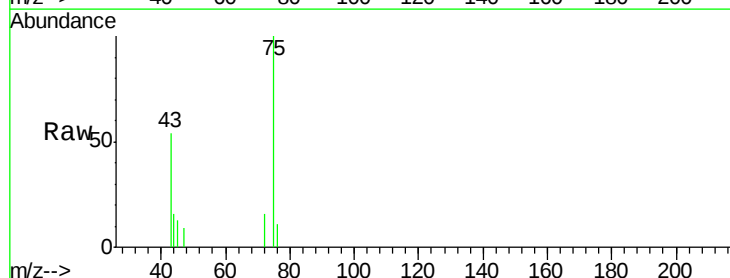
Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

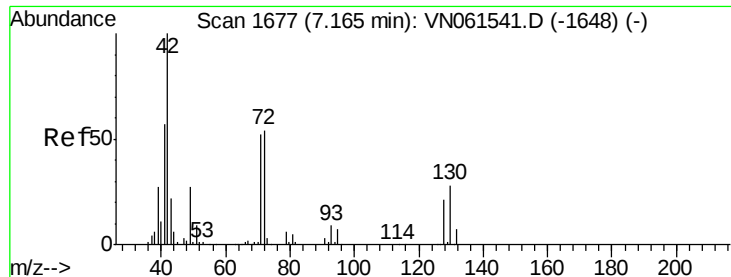
Tot Ion: 84 Resp: 4873
Ion Ratio Lower Upper
84 100
49 104.4 85.8 128.8
51 35.9 26.2 39.2
86 63.5 52.6 78.8



#25
2-Butanone
Concen: 1.131 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
72 30.6 26.0 39.0

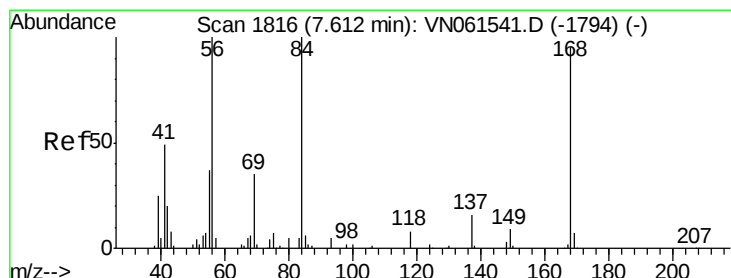
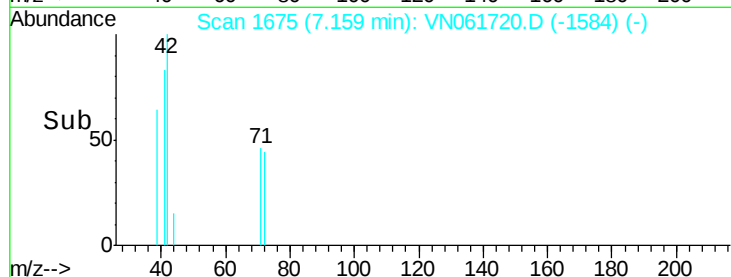
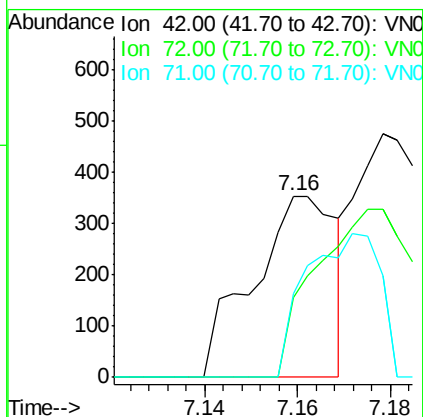
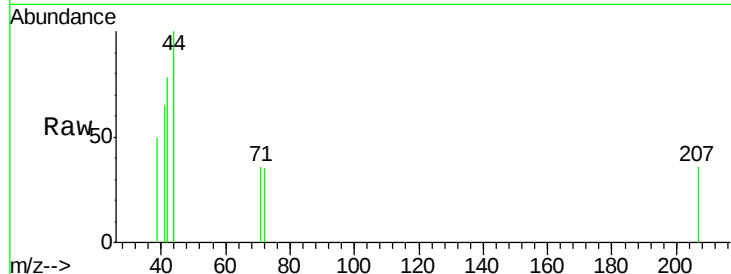




#29
Tetrahydrofuran
Concen: 0.400 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

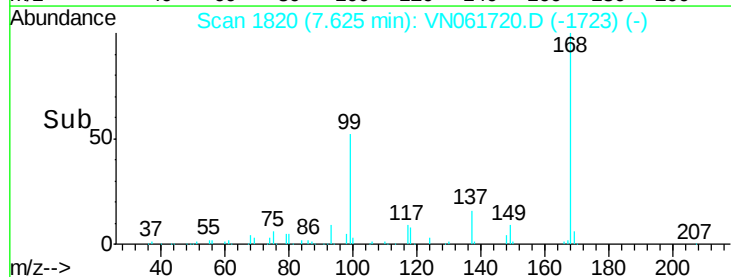
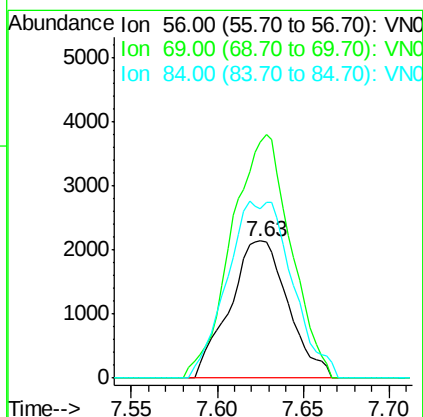
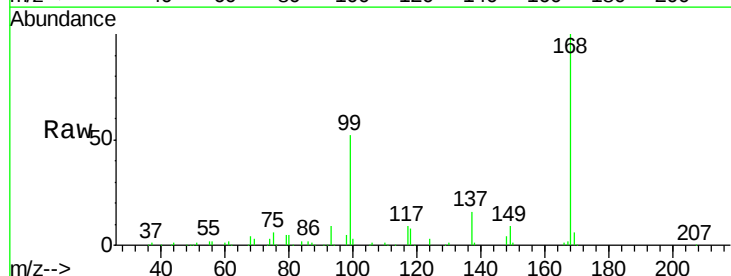
Instrument :
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ClientSampleId :
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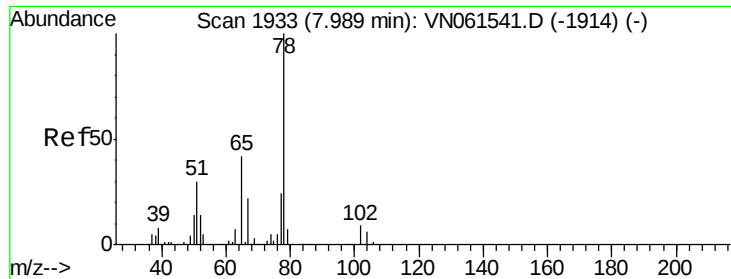
Tot Ion: 42 Resp: 442
Ion Ratio Lower Upper
42 100
72 0.0 43.6 65.4#
71 0.0 41.2 61.8#



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion: 56 Resp: 5049
Ion Ratio Lower Upper
56 100
69 172.0 27.8 41.8#
84 123.5 79.9 119.9#





#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

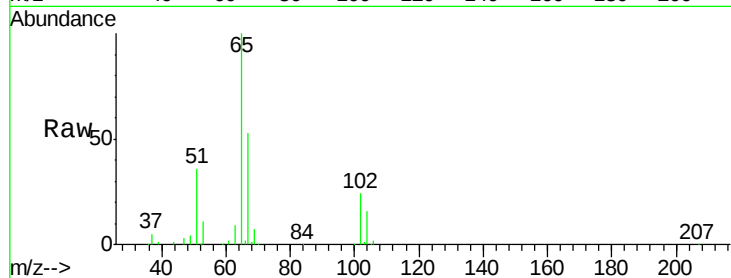
PB129410ZHE#01

Tot Ion: 65 Resp: 164603

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)

7.99

80000

60000

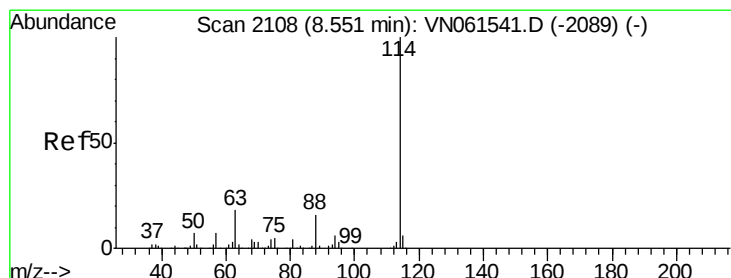
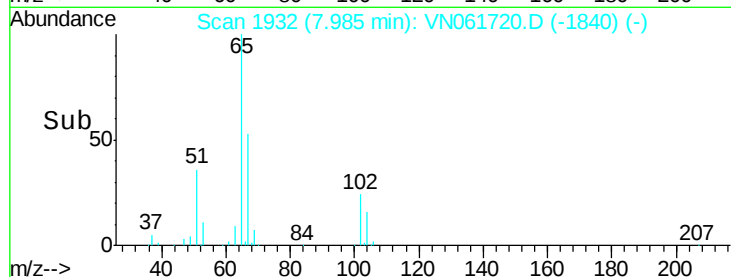
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

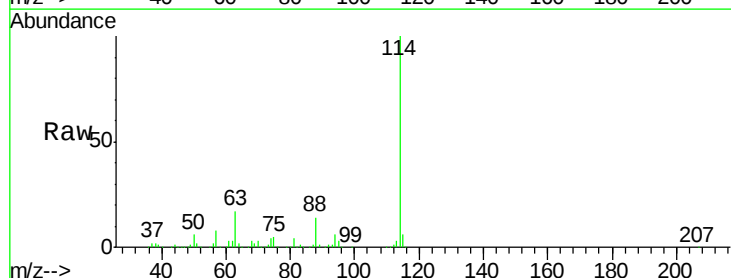
Tgt Ion: 114 Resp: 501766

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.8

88 14.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061541.D (-2089) (-)

Ion 63.00 (62.70 to 63.70): VN061541.D (-2089) (-)

Ion 87.90 (87.60 to 88.60): VN061541.D (-2089) (-)

8.55

300000

250000

200000

150000

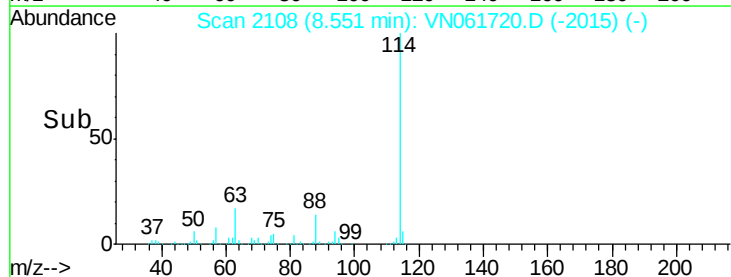
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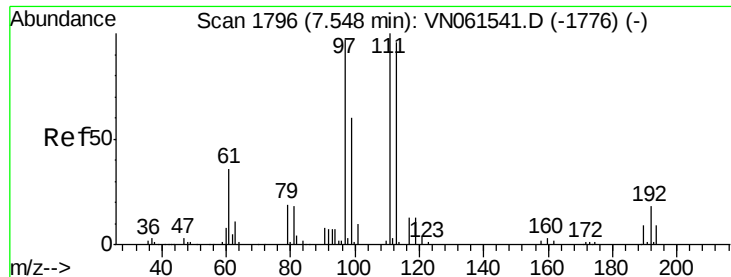
50000

0

8.50 8.60 8.70

Time-->

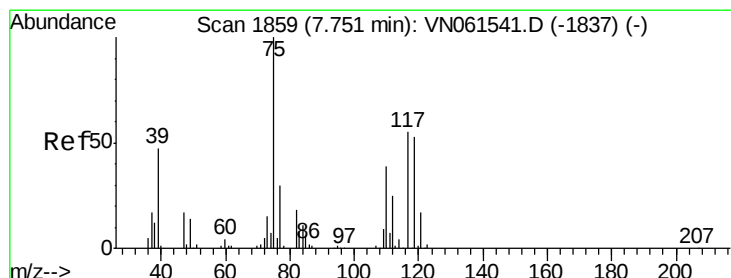
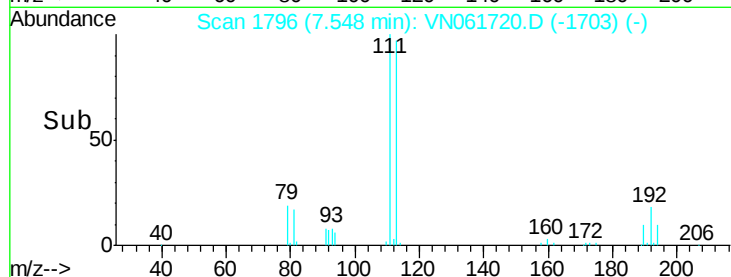
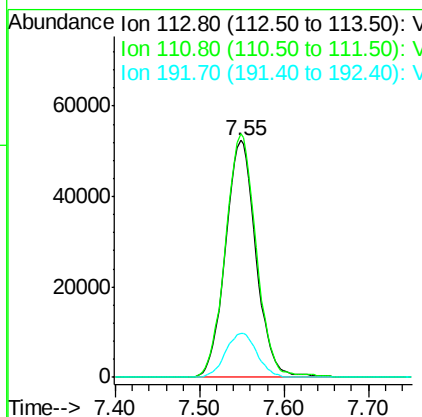
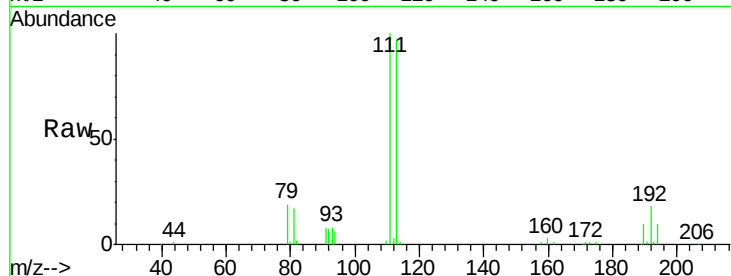




#35
 Dibromofluoromethane
 Concen: 51.911 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

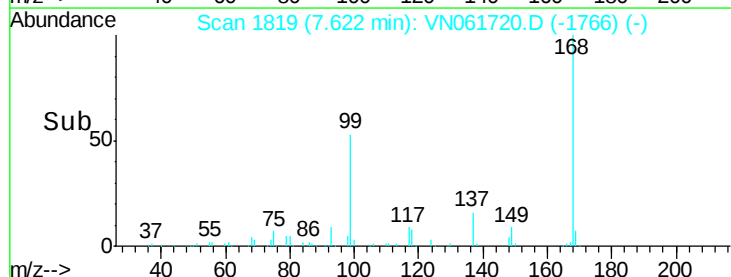
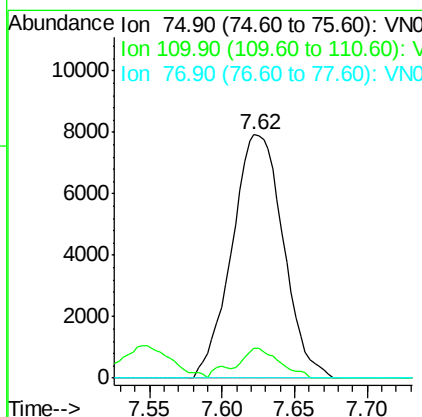
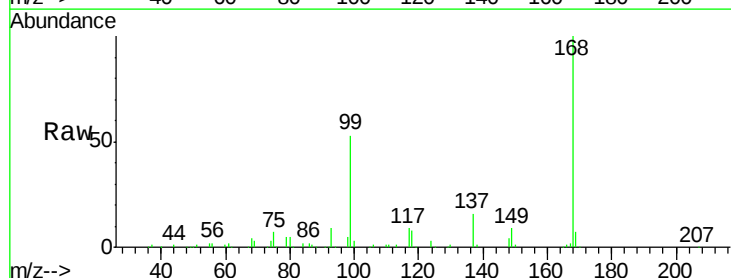
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

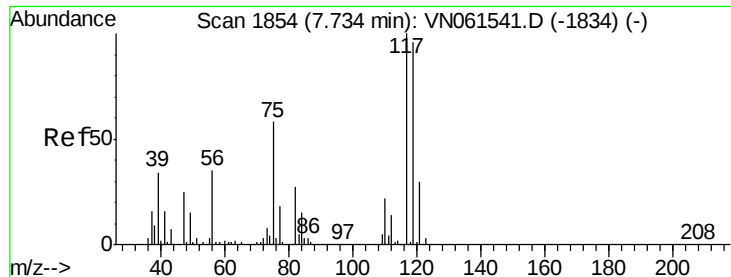
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	19.2	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.385 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.5	58.5#
77	0.0	24.7	37.1#

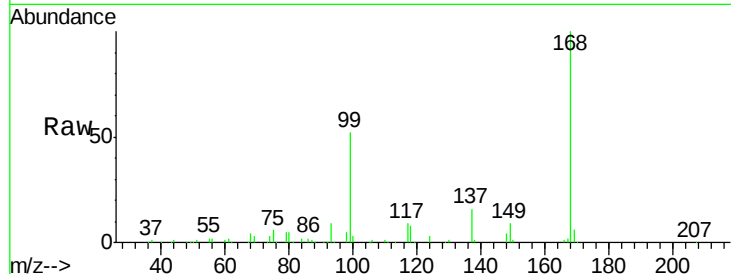




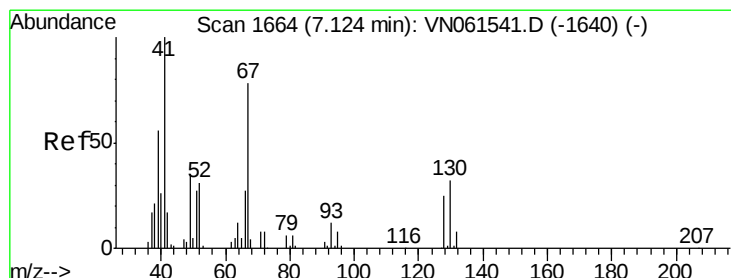
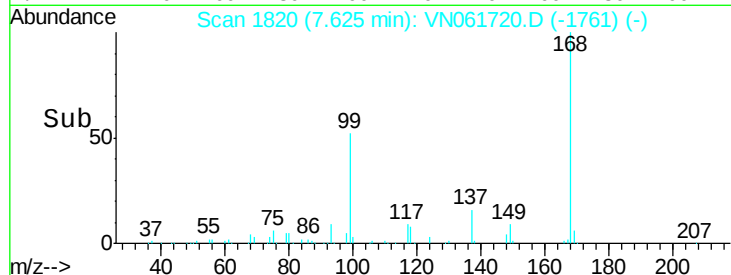
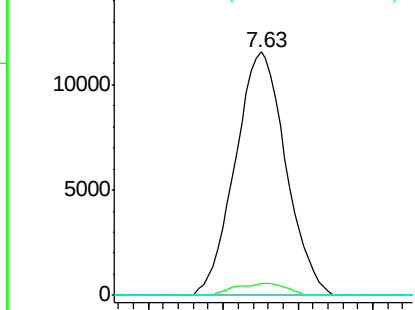
#38
Carbon Tetrachloride
Concen: 6.337 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

Tot Ion:117 Resp: 27151
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 24.1 36.1#

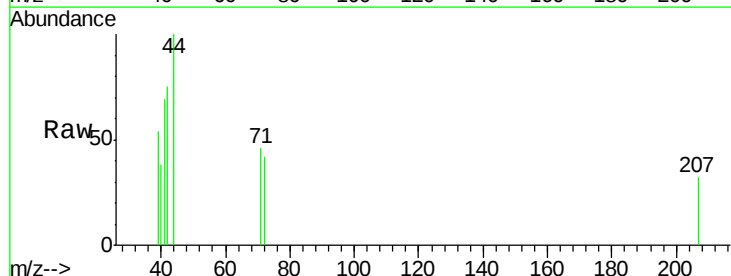


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

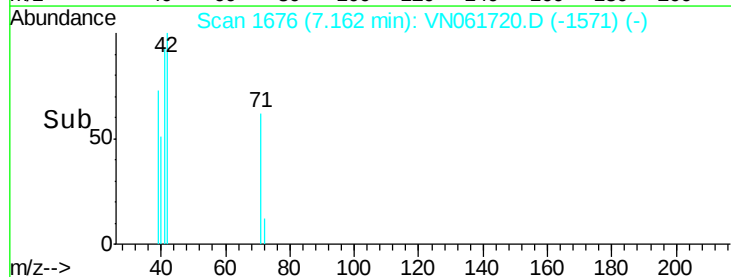
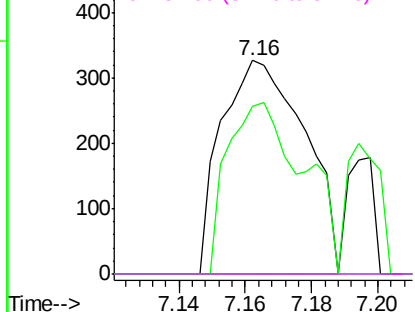


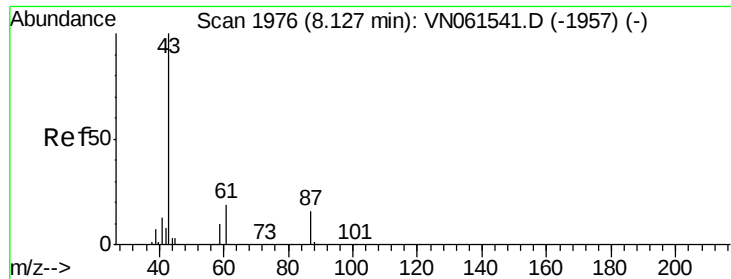
#41
Methacrylonitrile
Concen: 0.348 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion: 41 Resp: 571
Ion Ratio Lower Upper
41 100
39 72.9 53.8 80.6
67 0.0 91.1 136.7#
52 0.0 36.0 54.0#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



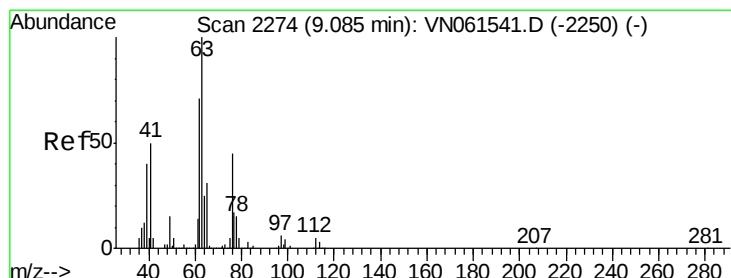
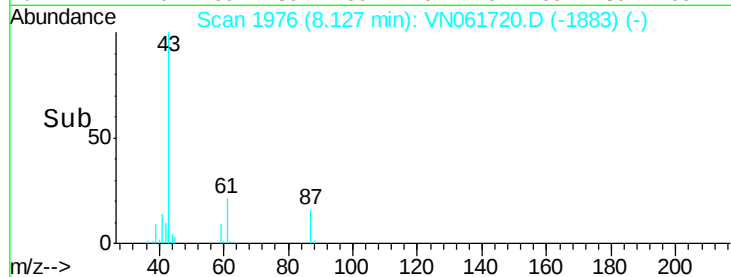
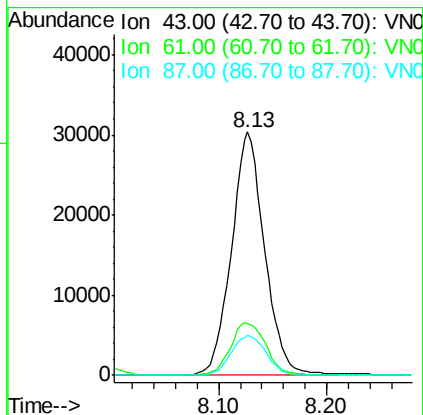
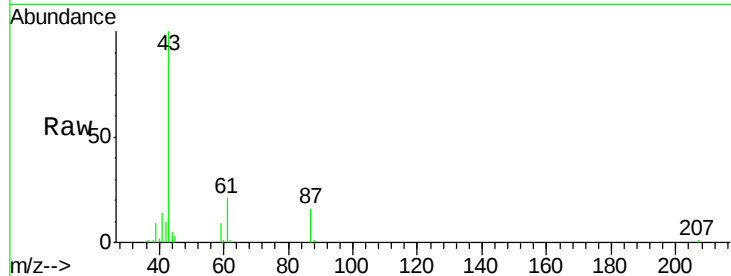


#43

Isopropyl Acetate
 Concen: 10.094 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

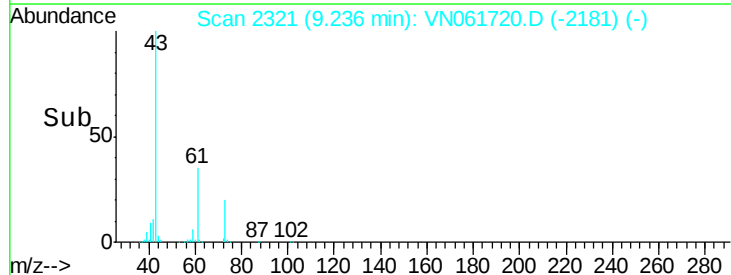
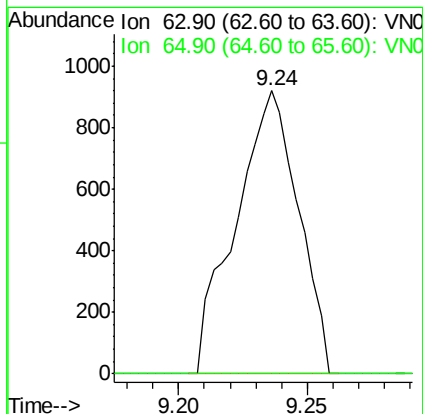
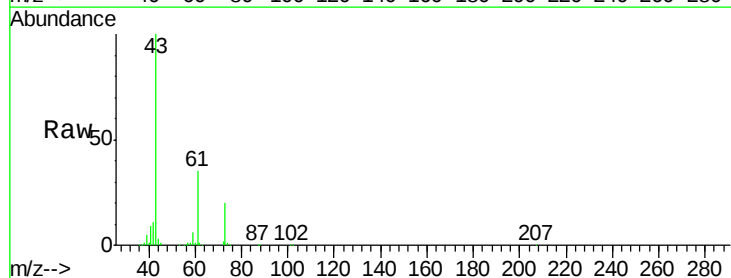
Tot Ion: 43 Resp: 64974
 Ion Ratio Lower Upper
 43 100
 61 23.1 23.6 35.4#
 87 17.2 13.0 19.6

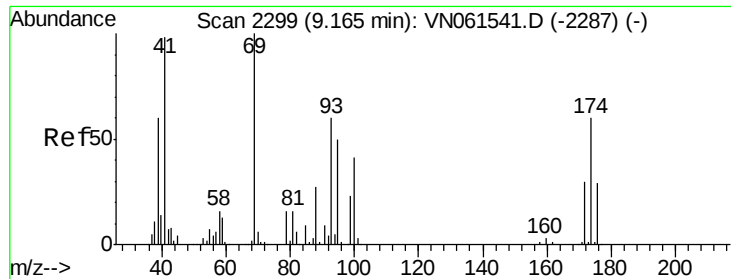


#45

1,2-Dichloropropane
 Concen: 0.479 ug/l
 RT: 9.24 min Scan# 2321
 Delta R.T. 0.15 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Tgt Ion: 63 Resp: 1560
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.7 37.1#

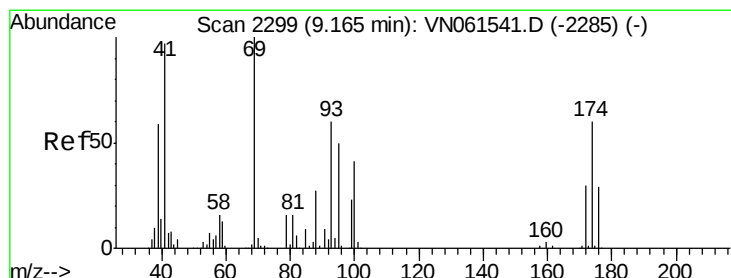
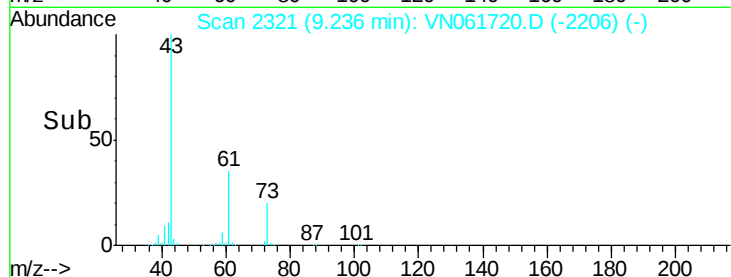
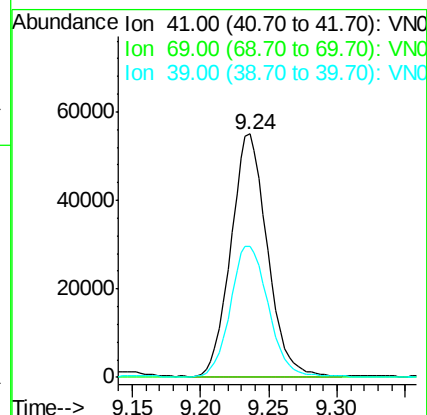
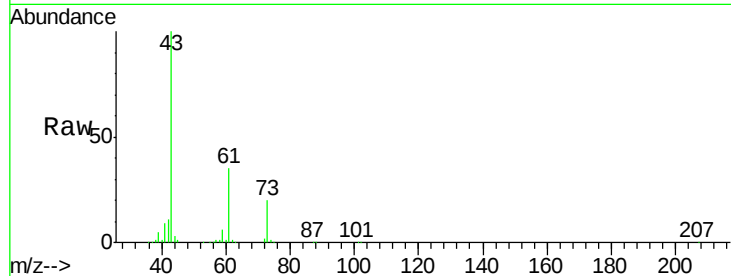




#48
Methvl methacrylate
Concen: 35.076 ug/l
RT: 9.24 min Scan# 2321
Delta R.T. 0.07 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

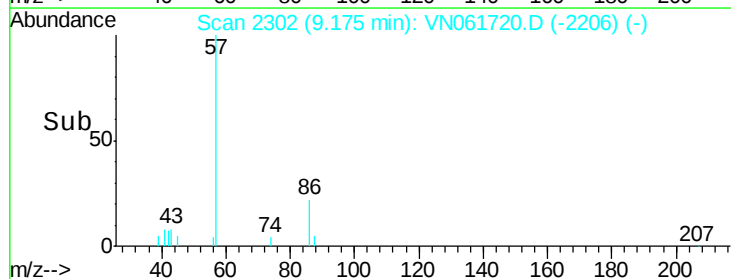
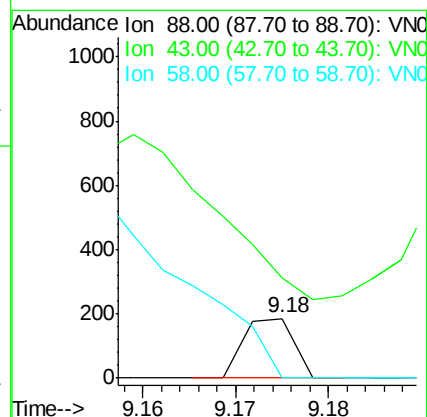
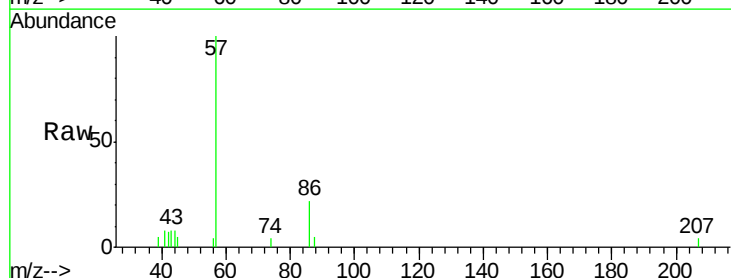
Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

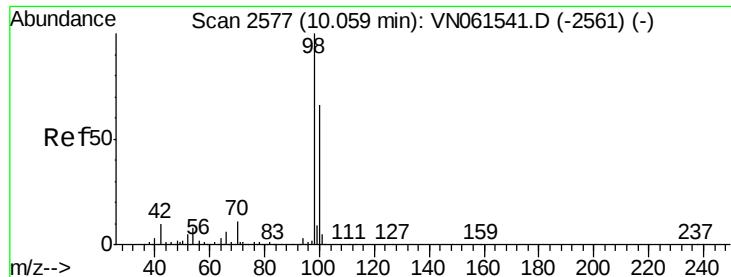
Tot Ion: 41 Resp: 101578
Ion Ratio Lower Upper
41 100
69 0.1 83.9 125.9#
39 57.1 52.1 78.1



#49
1,4-Dioxane
Concen: 1.560 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 0.0 23.1 34.7#
58 0.0 48.3 72.5#





#50

Toluene-d8

Concen: 51.892 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

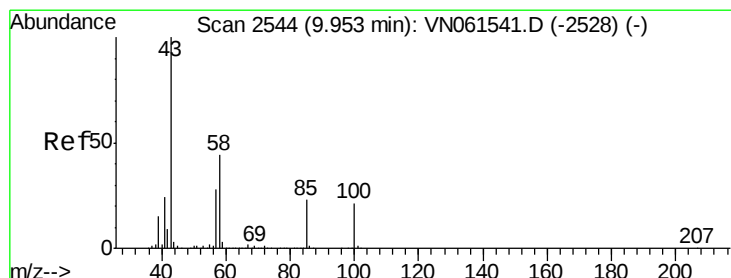
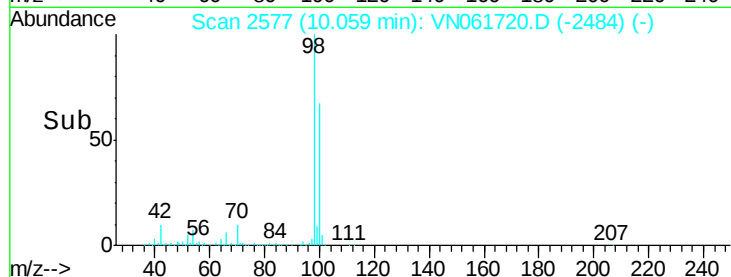
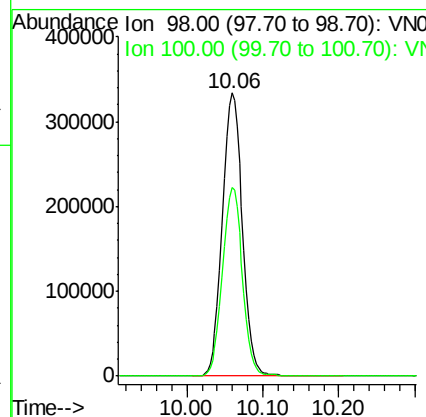
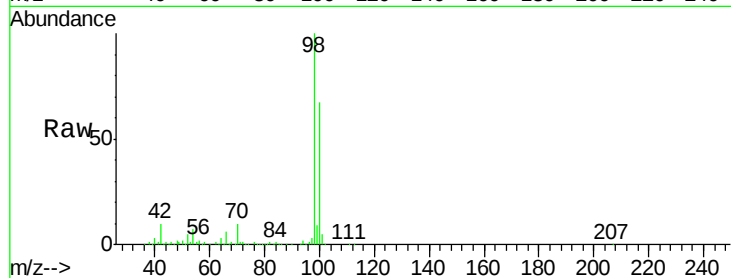
PB129410ZHE#01

Tot Ion: 98 Resp: 612094

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 1.761 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061720.D

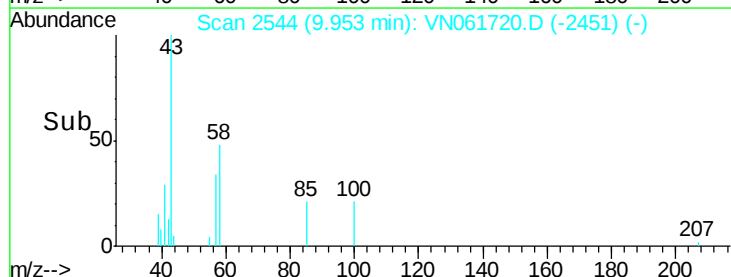
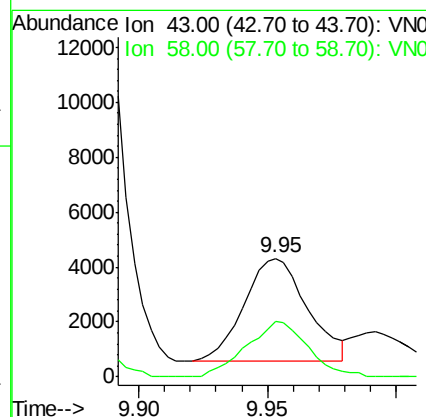
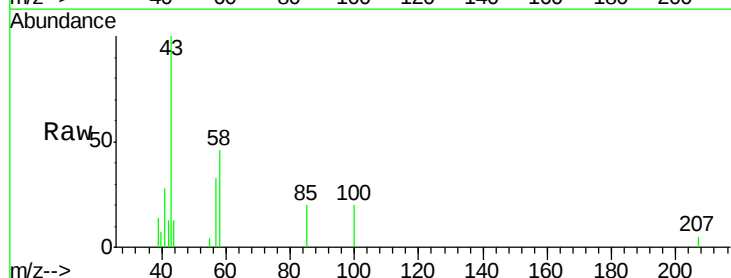
Acq: 9 Jun 2020 12:53

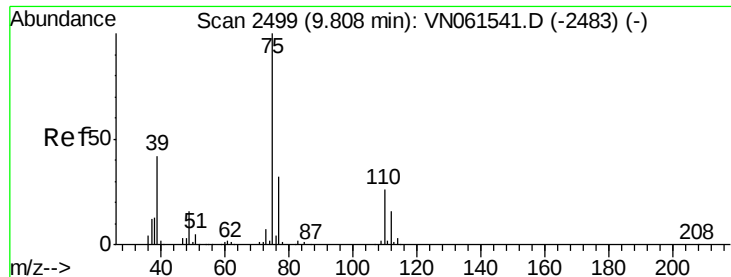
Tgt Ion: 43 Resp: 6388

Ion Ratio Lower Upper

43 100

58 52.8 35.0 52.6#





#54

cis-1,3-Dichloropropene

Concen: 6.567 ug/l

RT: 9.88 min Scan# 2520

Delta R.T. 0.07 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB129410ZHE#01

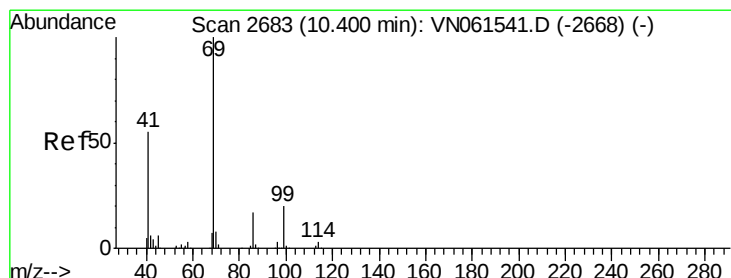
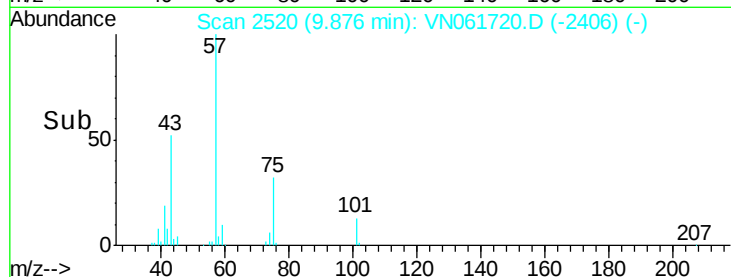
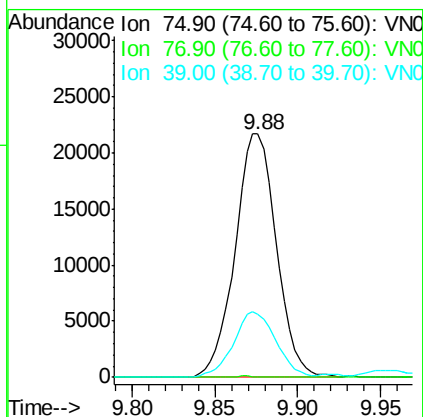
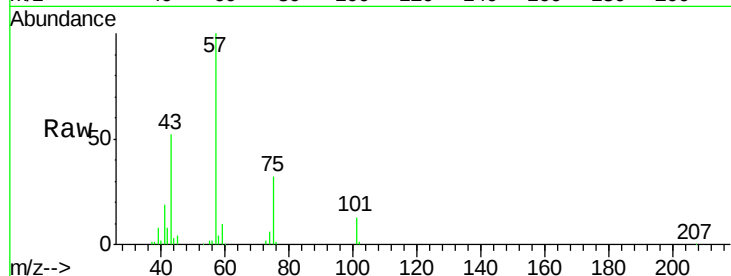
Tot Ion: 75 Resp: 37617

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

39 25.7 33.8 50.6#



#56

Ethyl methacrylate

Concen: 0.270 ug/l

RT: 10.51 min Scan# 2718

Delta R.T. 0.11 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

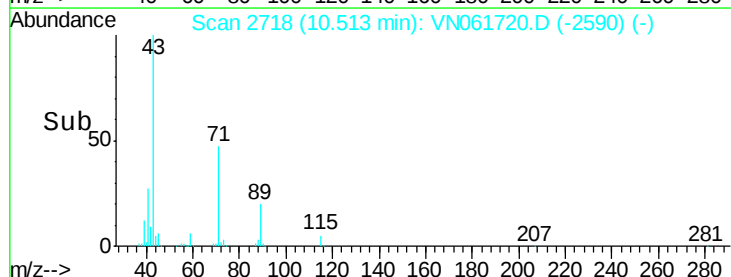
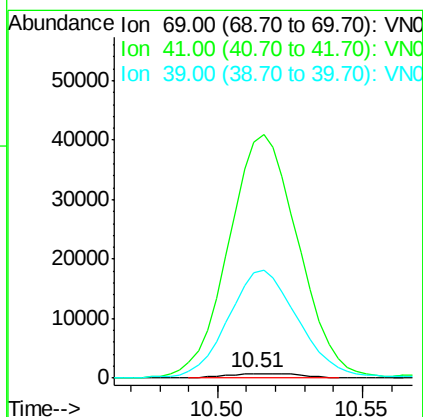
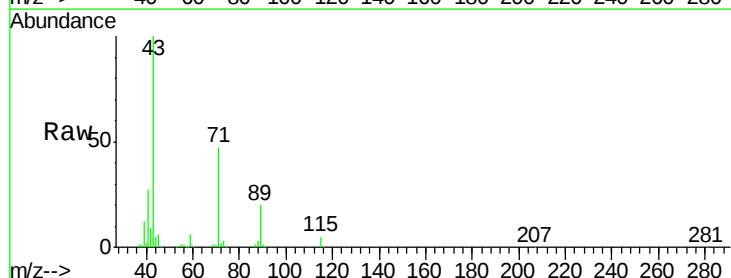
Tgt Ion: 69 Resp: 1343

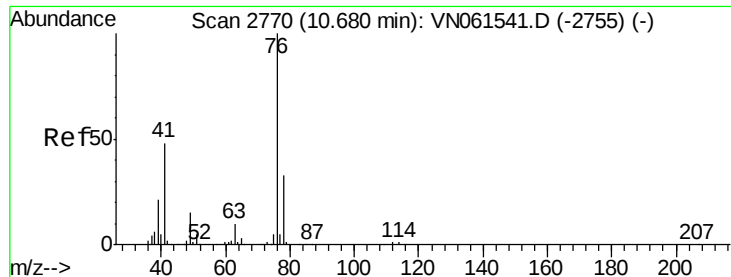
Ion Ratio Lower Upper

69 100

41 5111.3 43.5 65.3#

39 2283.0 27.0 40.6#

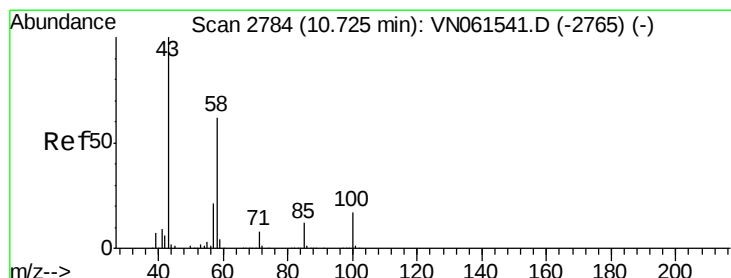
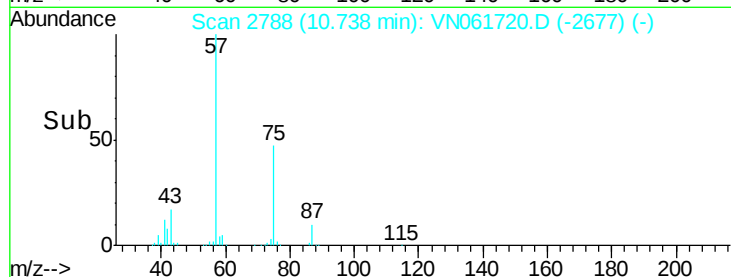
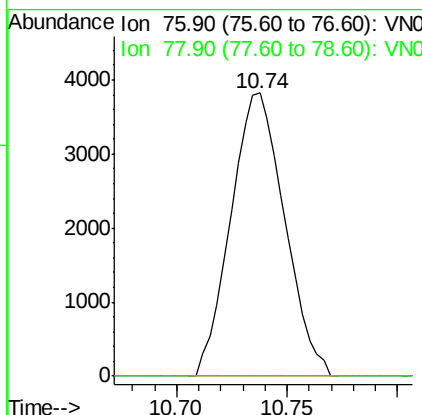
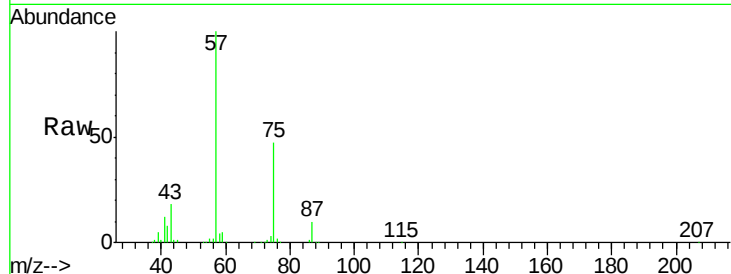




#57
 1,3-Dichloropropane
 Concen: 1.134 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.06 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

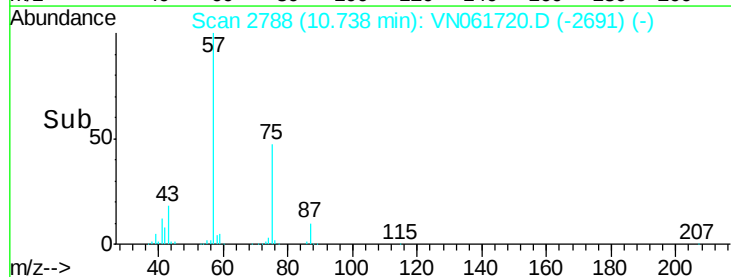
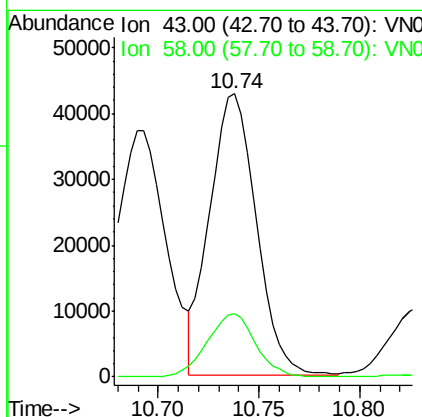
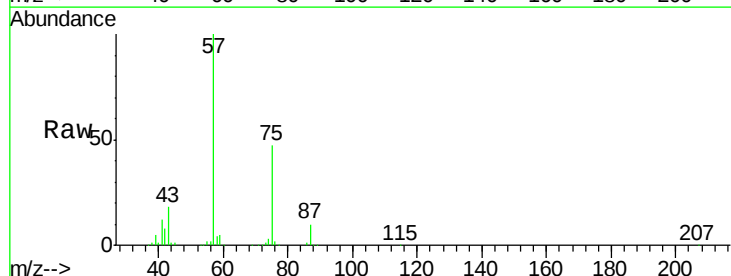
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

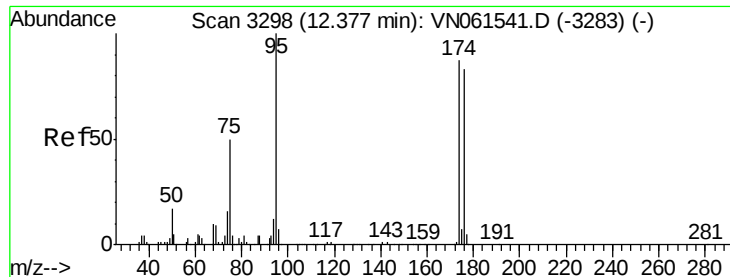
Tot Ion: 76 Resp: 6462
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#



#59
 2-Hexanone
 Concen: 26.520 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Tgt Ion: 43 Resp: 69085
 Ion Ratio Lower Upper
 43 100
 58 23.1 30.7 92.1#

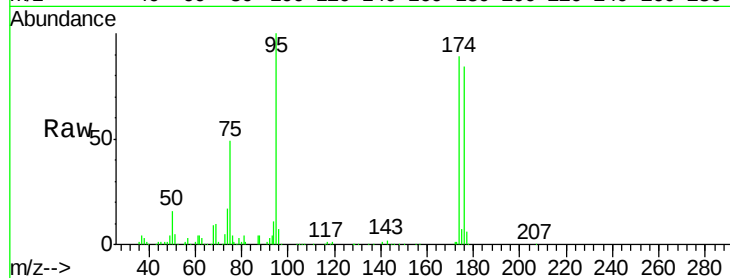




#62
4-Bromofluorobenzene
Concen: 50.801 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

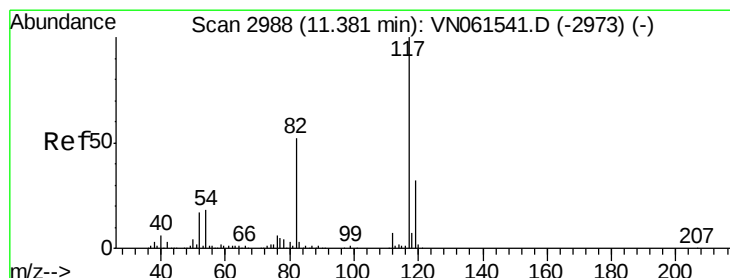
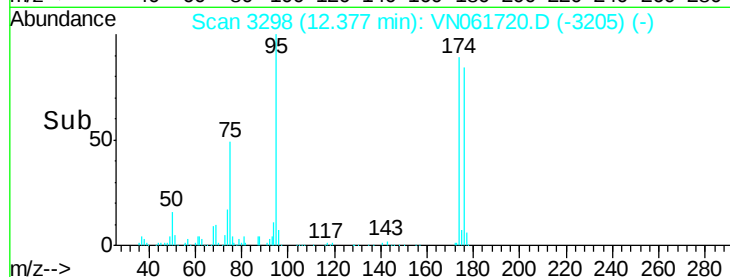
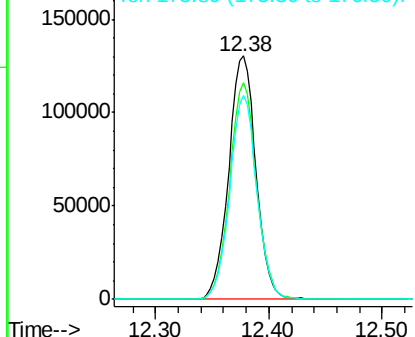
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	172.8
176	83.1	0.0	164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061720.D (-3205) (-)

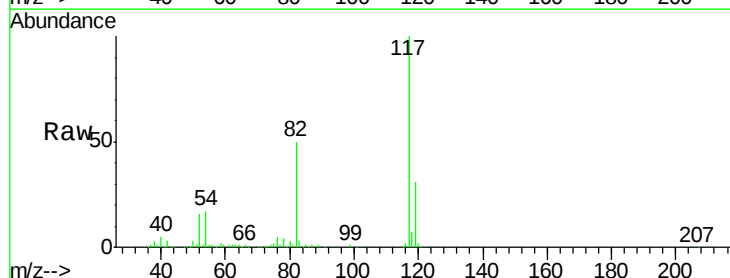
Ion 173.80 (173.50 to 174.50): VN061720.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061720.D (-3205) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

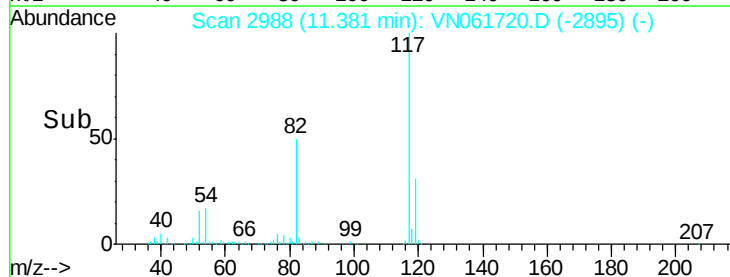
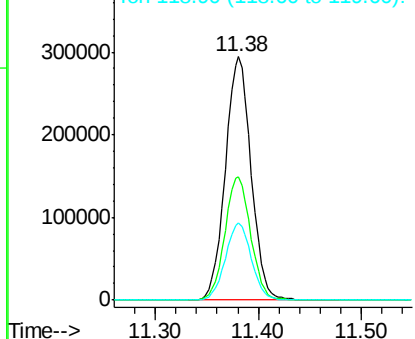
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.5	62.3
119	31.5	25.6	38.4

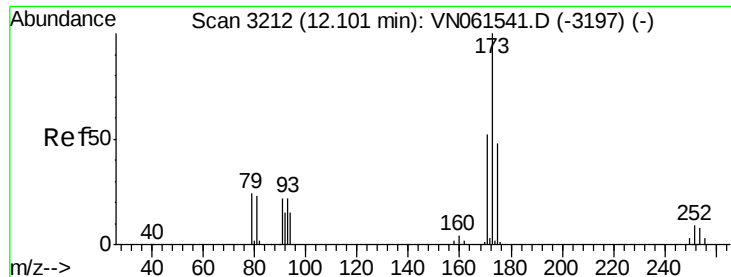


Abundance Ion 116.90 (116.60 to 117.60): VN061720.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061720.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061720.D (-2895) (-)

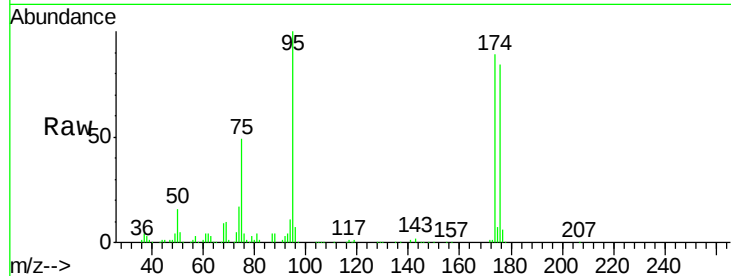




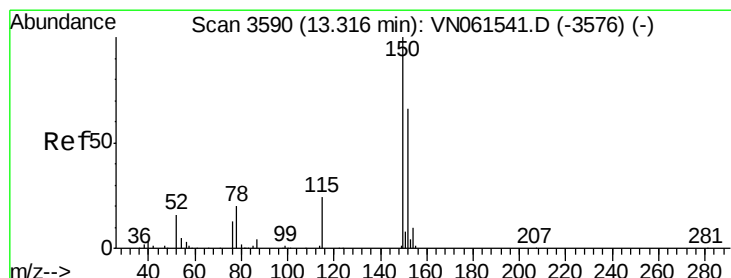
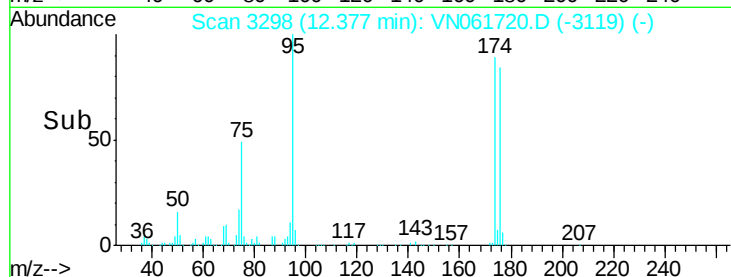
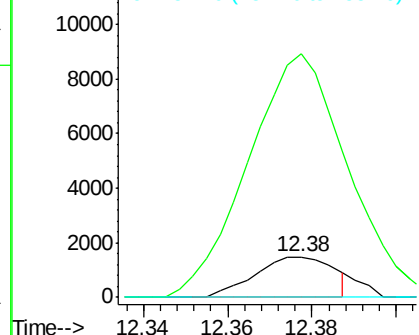
#71
Bromoform
Concen: 0.631 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

Tot Ion:173 Resp: 1920
Ion Ratio Lower Upper
173 100
175 651.3 24.4 73.2#
254 0.0 0.0 0.0

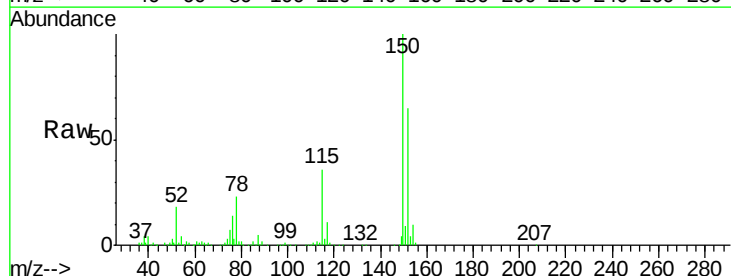


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

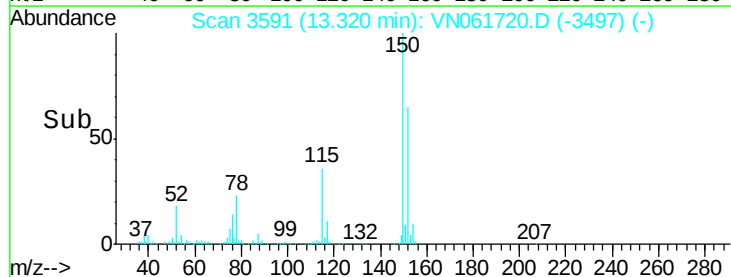
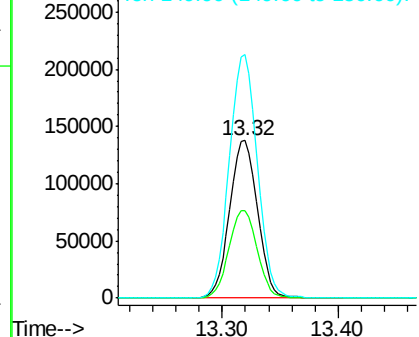


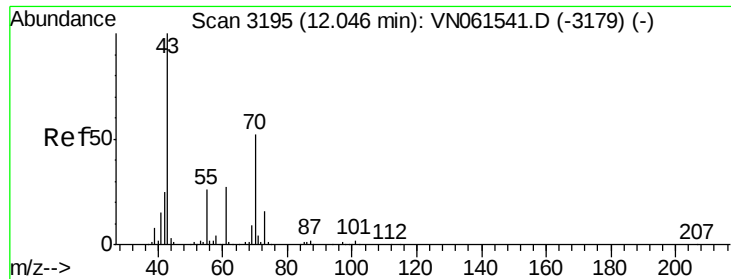
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion:152 Resp: 229068
Ion Ratio Lower Upper
152 100
115 56.2 28.0 84.0
150 155.9 0.0 344.0



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

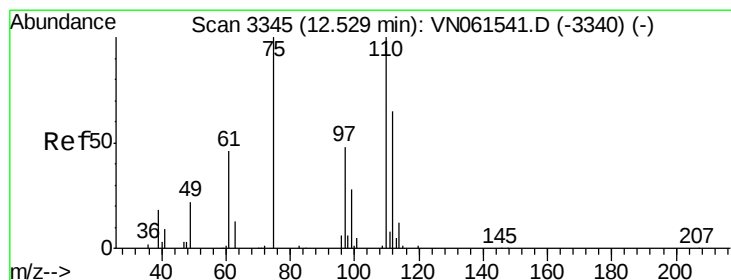
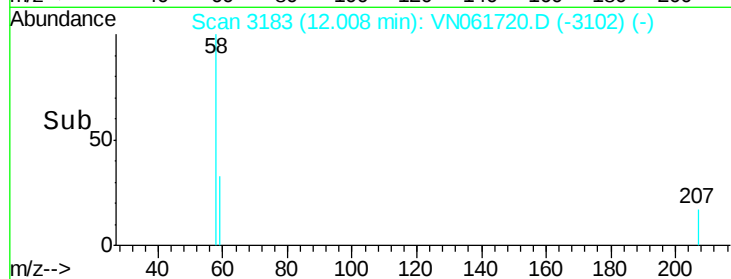
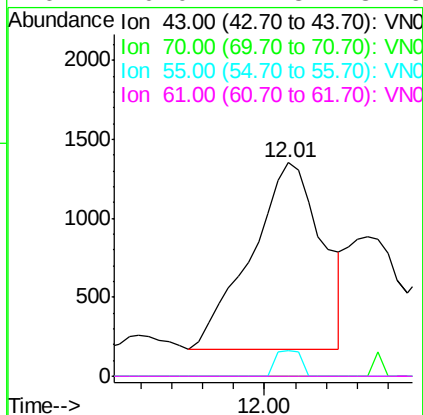
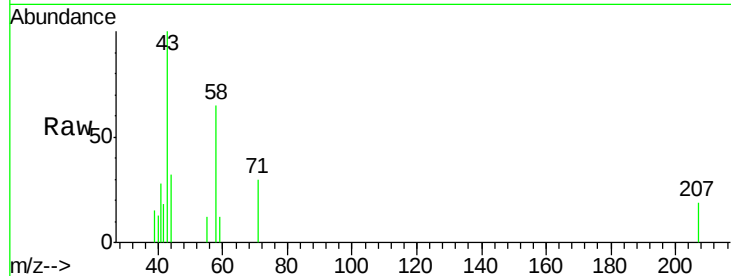




#74
N-amvl acetate
Concen: 0.355 ug/l
RT: 12.01 min Scan# 3183
Delta R.T. -0.04 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

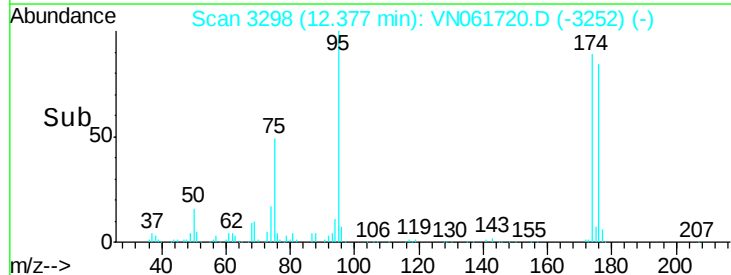
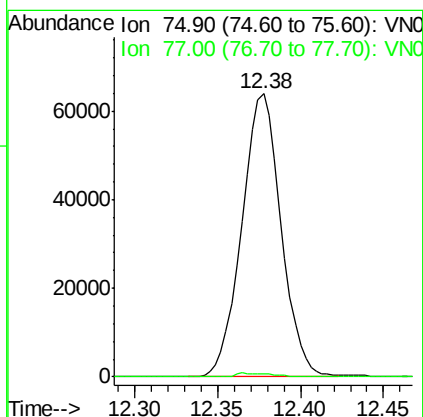
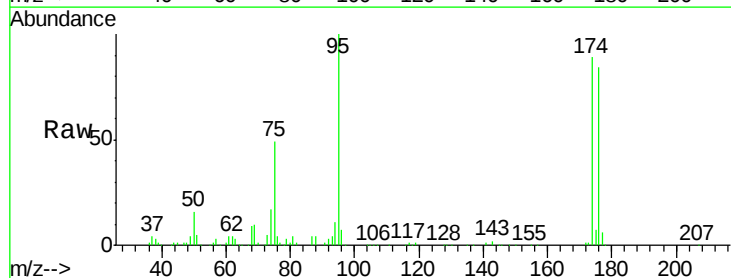
Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

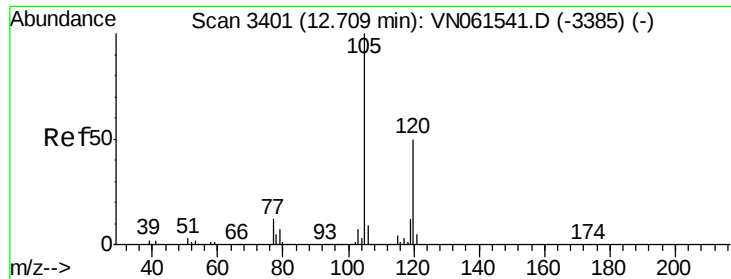
Tot Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
70 0.0 40.5 60.7#
55 4.8 20.6 31.0#
61 0.0 21.8 32.6#



#76
1,2,3-Trichloropropane
Concen: 25.214 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion: 75 Resp: 105024
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.273 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

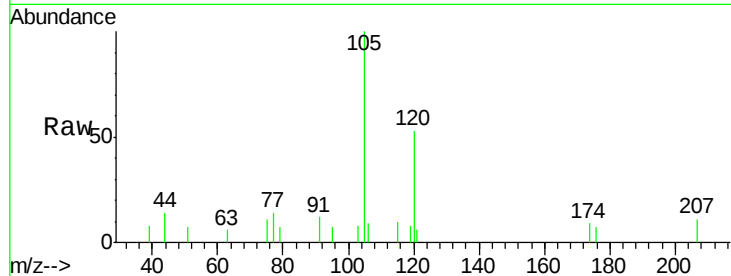
PB129410ZHE#01

Tot Ion:105 Resp: 3810

Ion Ratio Lower Upper

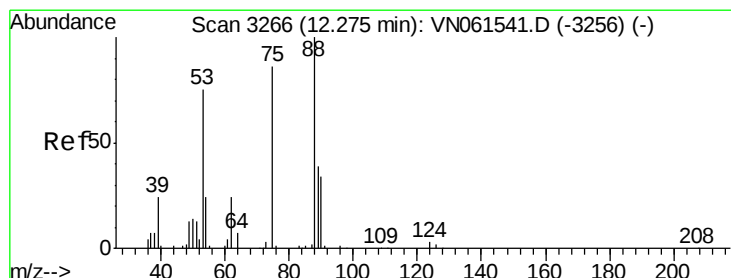
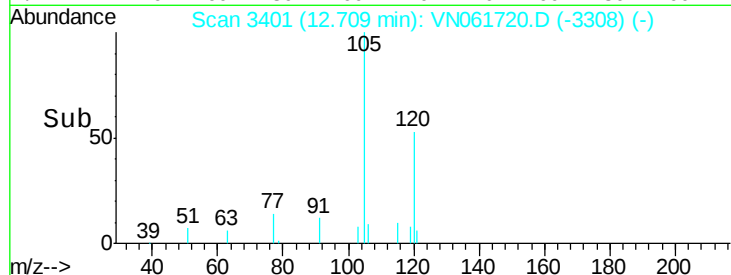
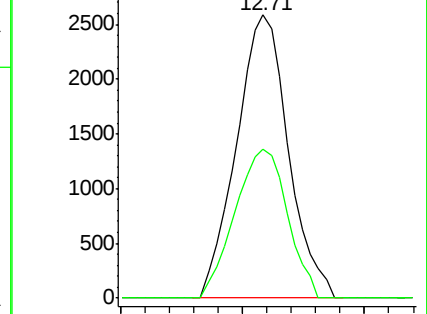
105 100

120 53.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.478 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

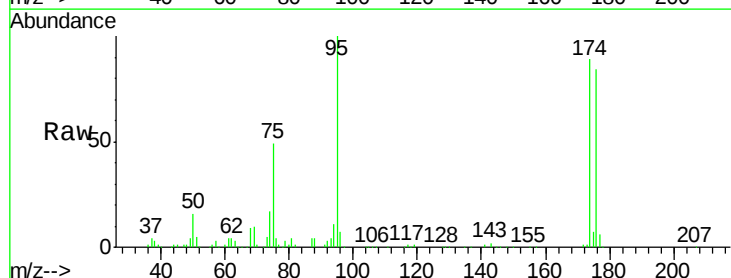
Tgt Ion: 75 Resp: 105024

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

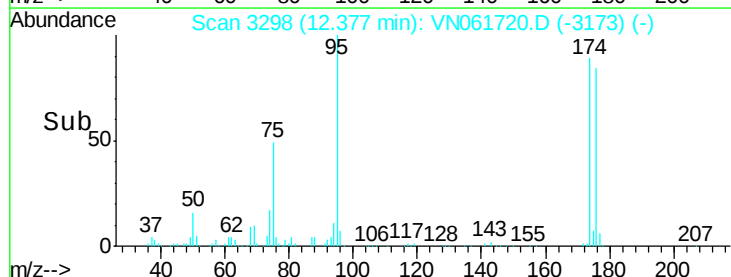
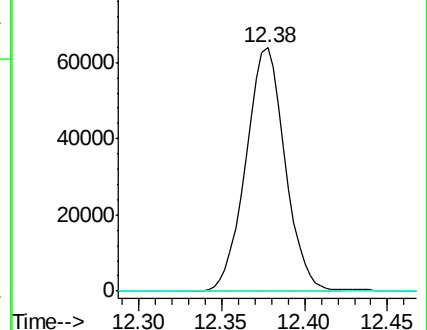
89 0.0 37.1 55.7#

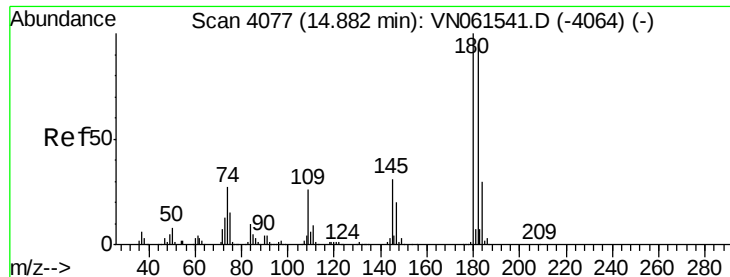


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

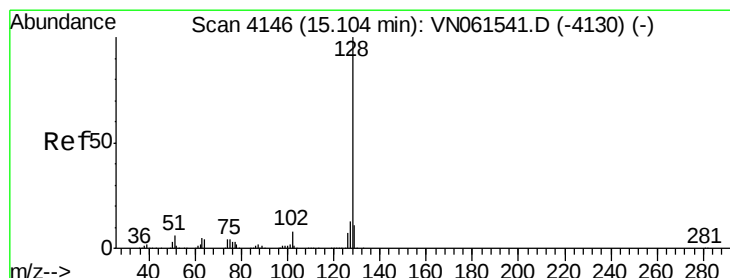
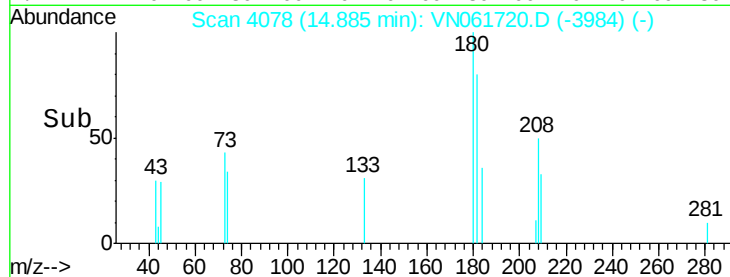
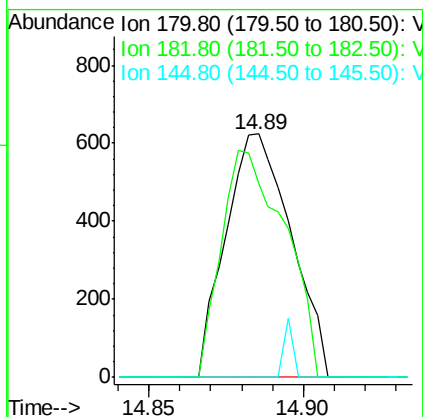
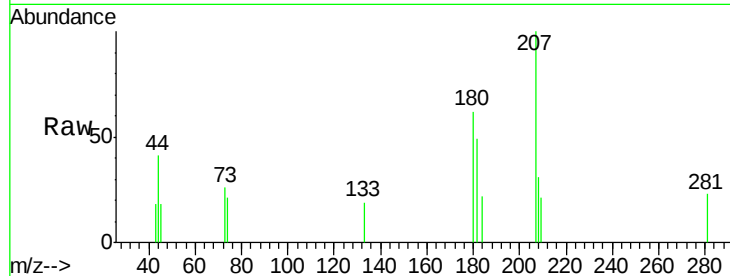




#93
 1,2,4-Trichlorobenzene
 Concen: 0.217 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

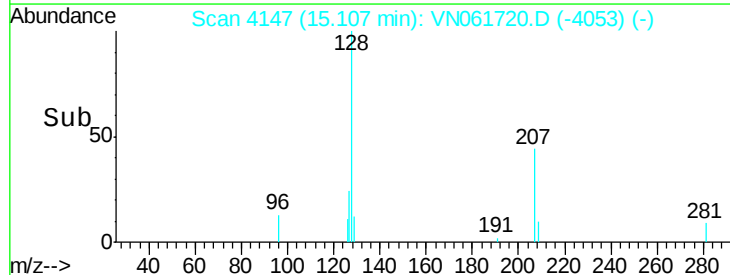
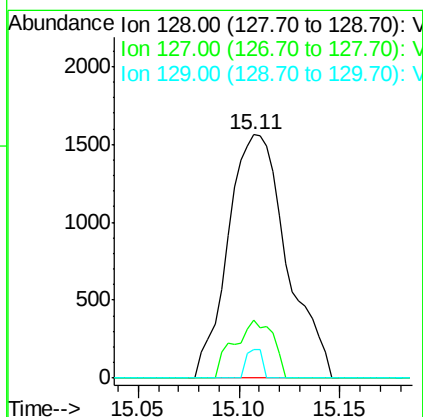
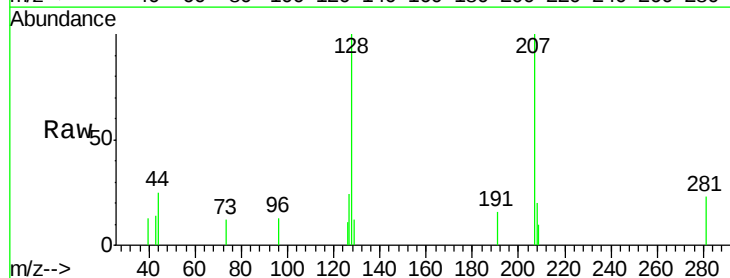
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

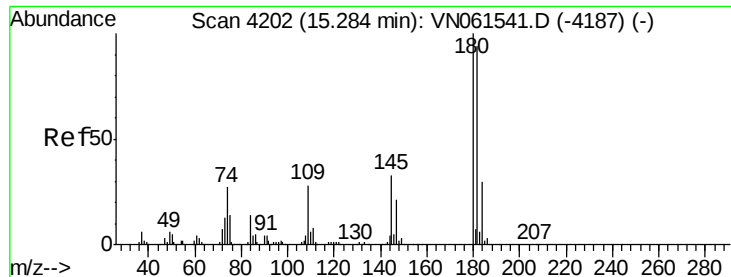
Tot Ion:180 Resp: 917
 Ion Ratio Lower Upper
 180 100
 182 90.8 47.8 143.3
 145 3.2 15.5 46.5#



#95
 Naphthalene
 Concen: 0.246 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Tgt Ion:128 Resp: 3162
 Ion Ratio Lower Upper
 128 100
 127 16.1 10.0 15.0#
 129 3.2 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.234 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

Tot Ion:180 Resp: 973
 Ion Ratio Lower Upper
 180 100
 182 86.9 47.1 141.3
 145 9.0 16.3 48.9#

