

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072208.D
 Acq On : 27 Apr 2022 11:45
 Operator : JC\MD
 Sample : VN0427WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBL01

Quant Time: Apr 28 06:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

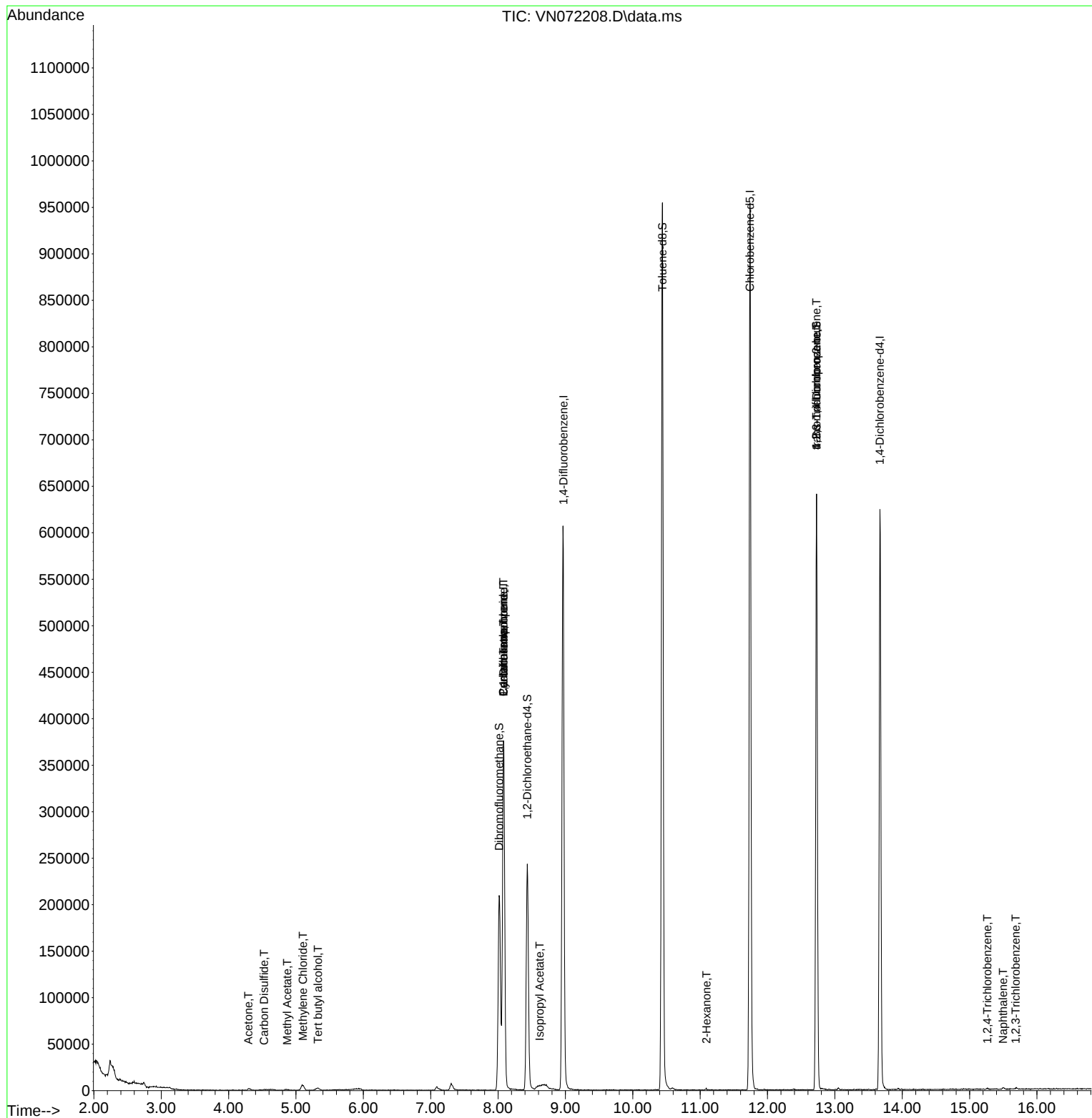
Internal Standards						
1) Pentafluorobenzene	8.081	168	272609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	513699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	536023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	168014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	207300	49.532	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.060%		
35) Dibromofluoromethane	8.016	113	157195	47.809	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.620%		
50) Toluene-d8	10.439	98	659273	51.028	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.060%		
62) 4-Bromofluorobenzene	12.727	95	227630	53.082	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.160%		
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	1368	Below Cal	#	43
5) Bromomethane	2.804	94	59	Below Cal	#	2
6) Chloroethane	3.075	64	336	Below Cal	#	42
11) Tert butyl alcohol	5.328	59	2690	3.911	ug/l #	72
16) Acetone	4.293	43	1673	0.927	ug/l #	77
17) Carbon Disulfide	4.528	76	460	0.438	ug/l #	75
18) Methyl Acetate	4.869	43	2054	0.368	ug/l #	62
20) Methylene Chloride	5.104	84	4435	1.282	ug/l #	91
31) Cyclohexane	8.081	56	6277	1.122	ug/l #	4
36) 1,1-Dichloropropene	8.081	75	24358	5.090	ug/l #	49
38) Carbon Tetrachloride	8.081	117	29591	5.773	ug/l #	16
43) Isopropyl Acetate	8.616	43	5181	1.312	ug/l #	53
59) 2-Hexanone	11.092	43	1516	0.359	ug/l	69
75) 1,1,2,2-Tetrachloroethane	12.816	83	58	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	123809	32.760	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	123809	85.205	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	552	2.623	ug/l #	87
95) Naphthalene	15.498	128	2456	4.557	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.686	180	692	2.927	ug/l	93

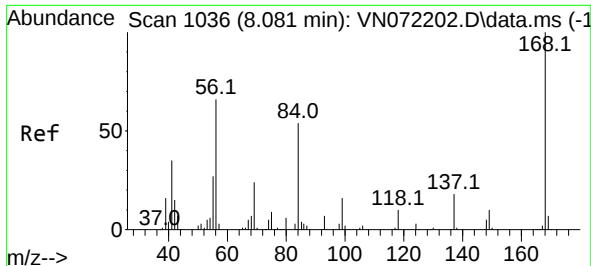
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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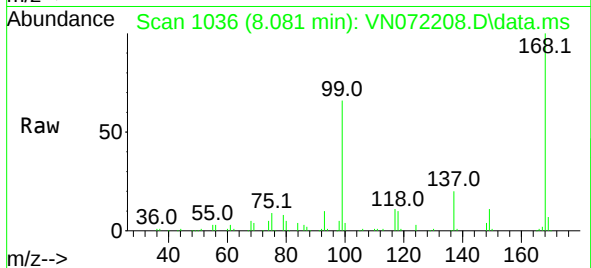
Quant Time: Apr 28 06:01:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration



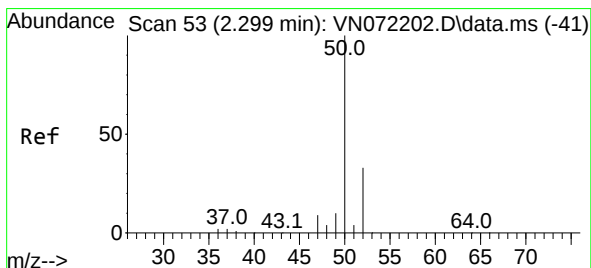
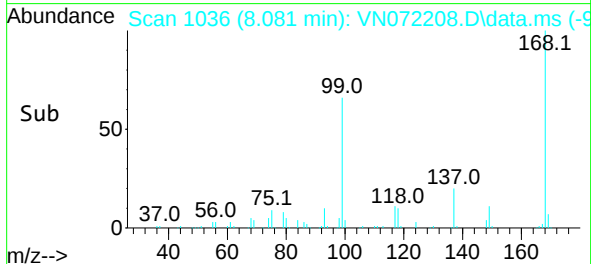
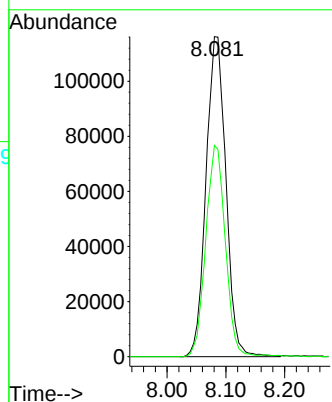


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

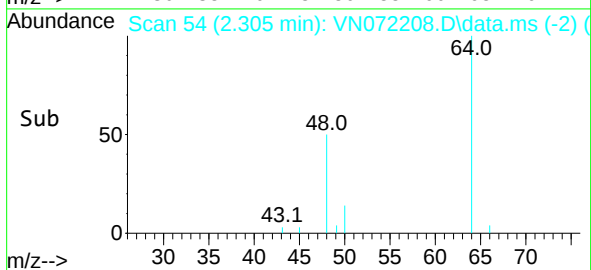
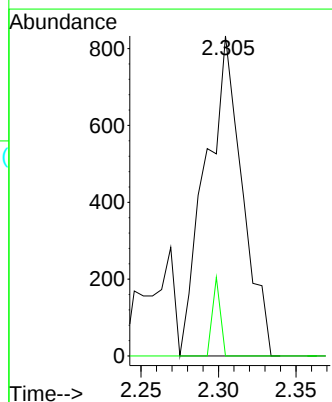
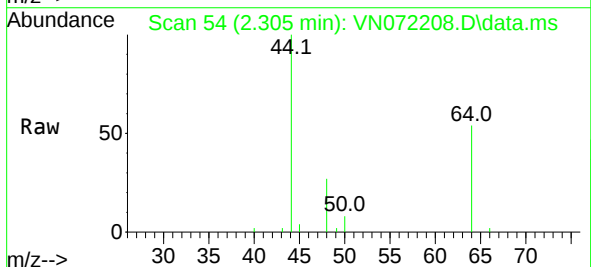


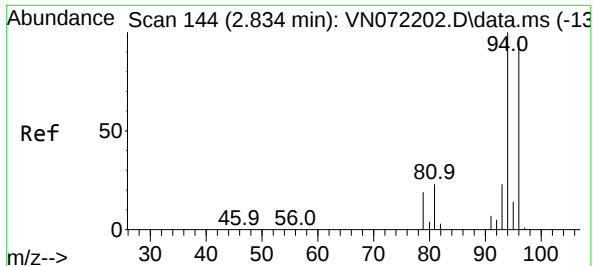
Tgt Ion:168 Resp: 272609
Ion Ratio Lower Upper
168 100
99 66.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 50 Resp: 1368
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

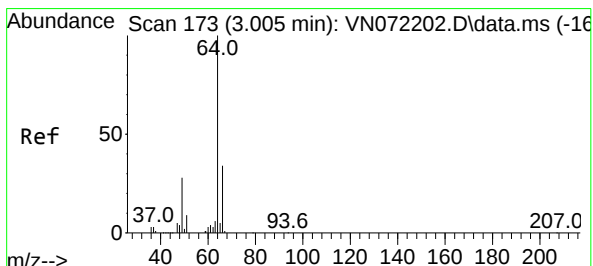
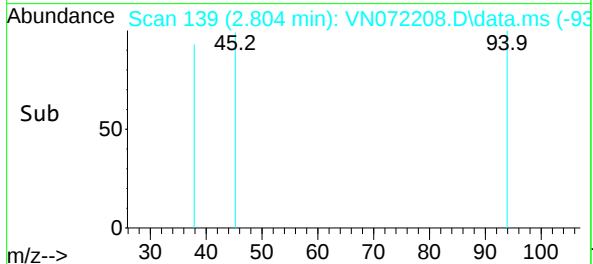
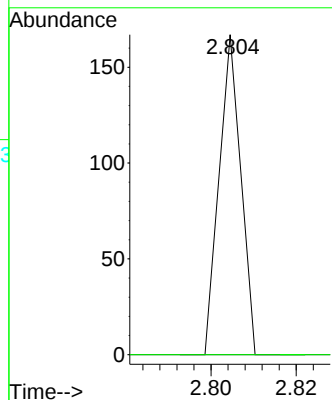
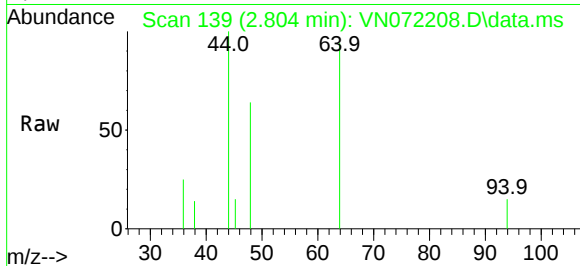




#5
Bromomethane
Concen: Below Cal
RT: 2.804 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

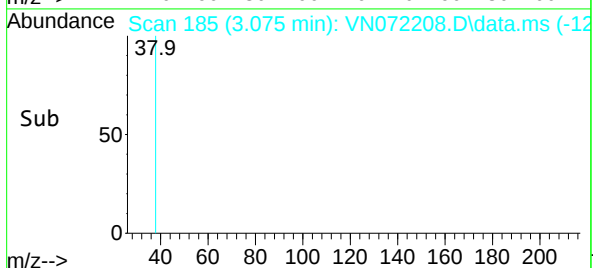
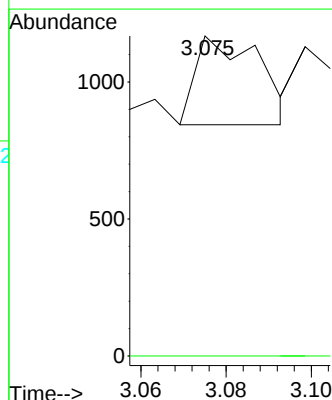
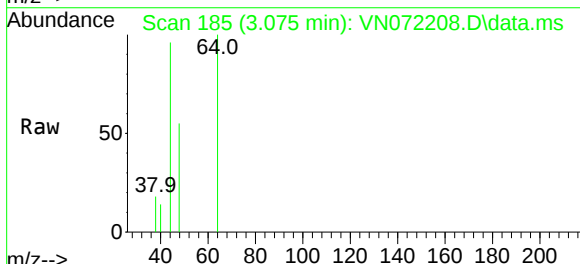
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

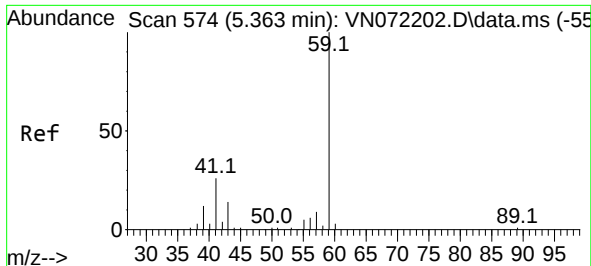
Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.075 min Scan# 185
Delta R.T. 0.070 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

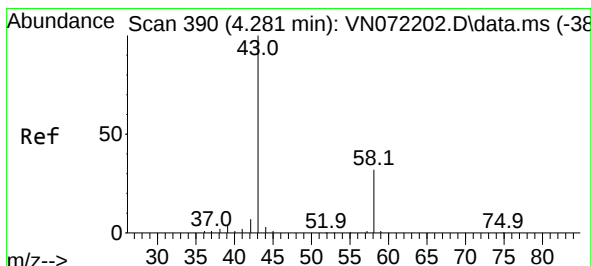
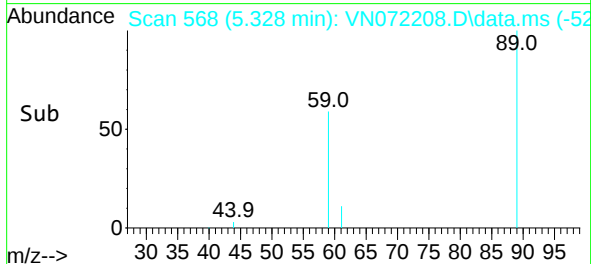
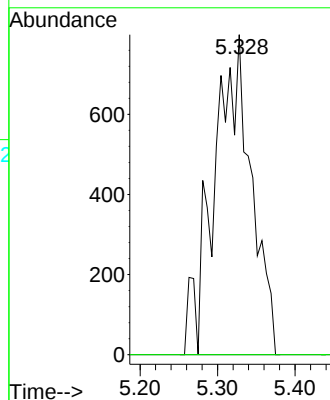
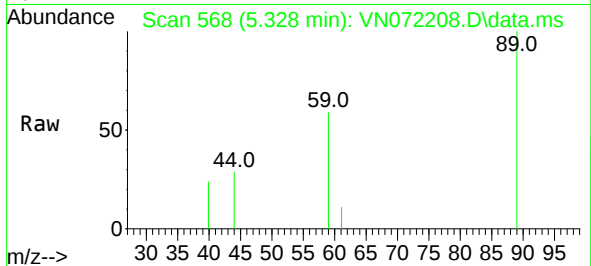




#11
Tert butyl alcohol
Concen: 3.911 ug/l
RT: 5.328 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

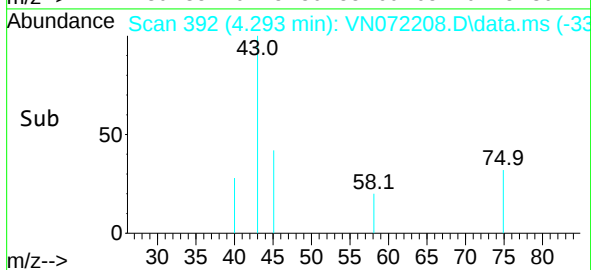
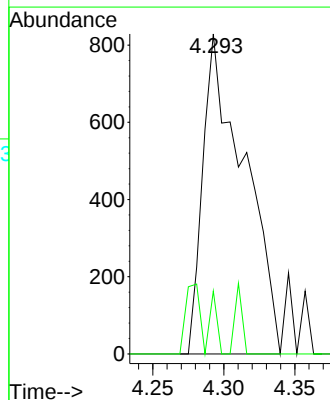
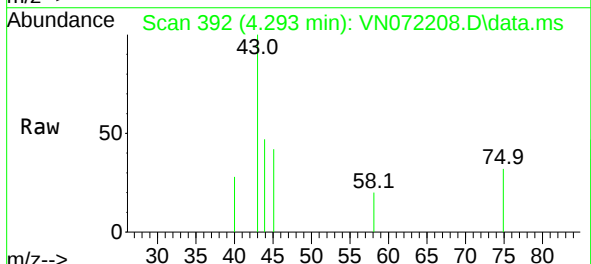
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

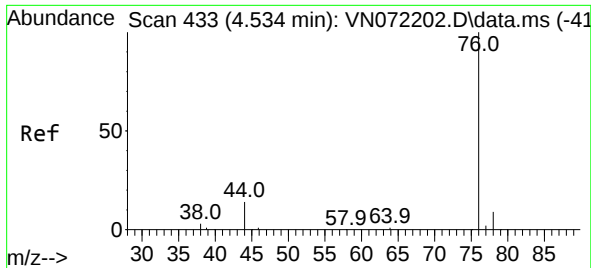
Tgt Ion: 59 Resp: 2690
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.927 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 19.7 26.0 39.0#

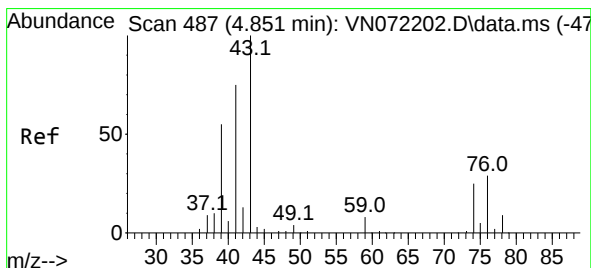
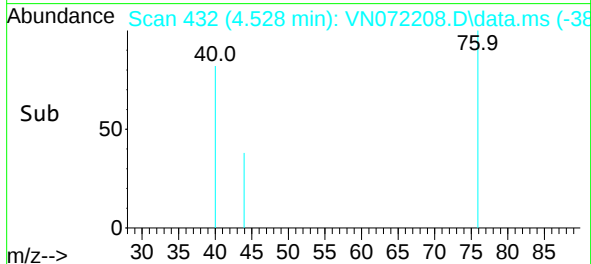
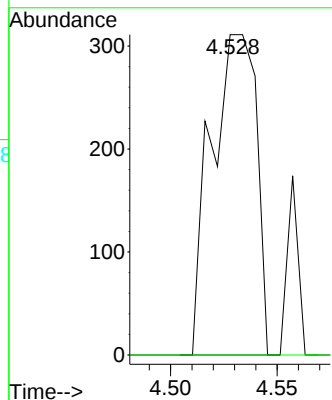
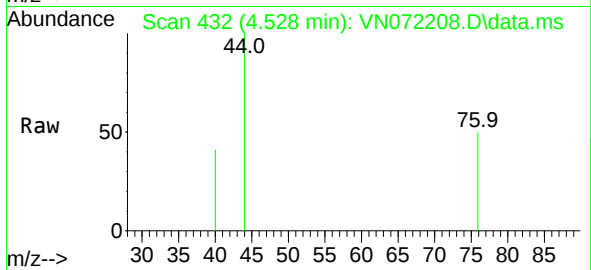




#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

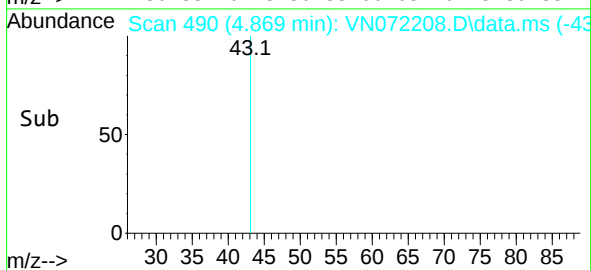
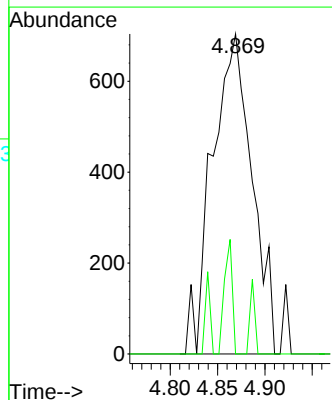
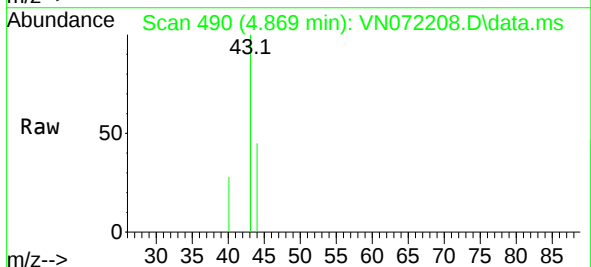
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

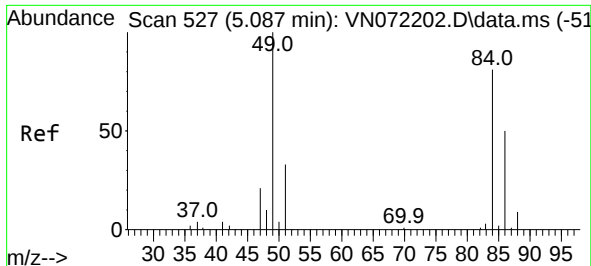
Tgt Ion: 76 Resp: 460
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.368 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

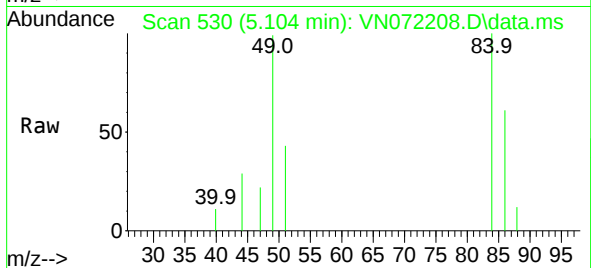
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
74 7.2 21.6 32.4#



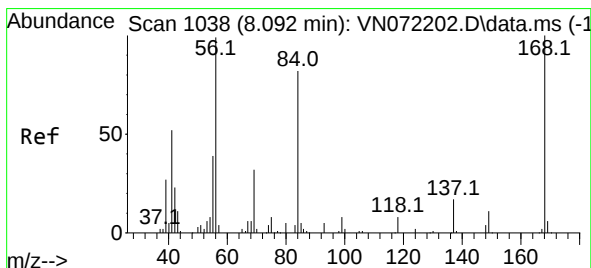
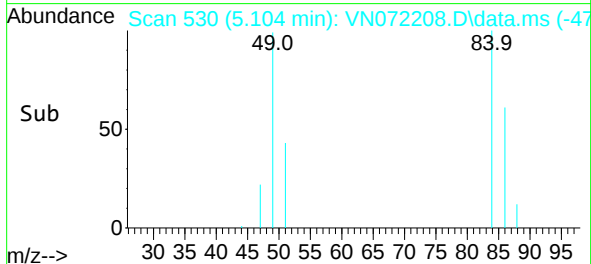
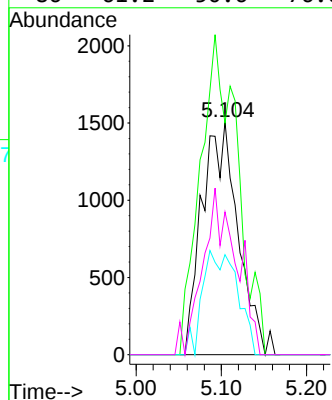


#20
Methylene Chloride
Concen: 1.282 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

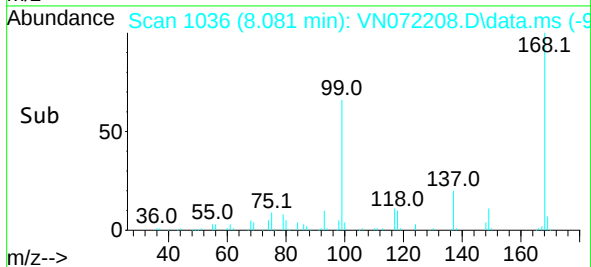
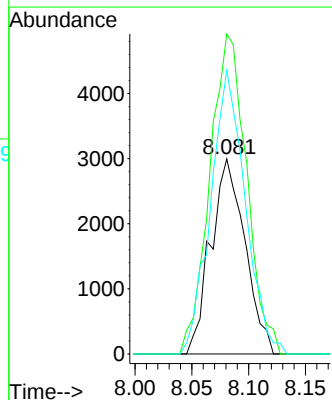
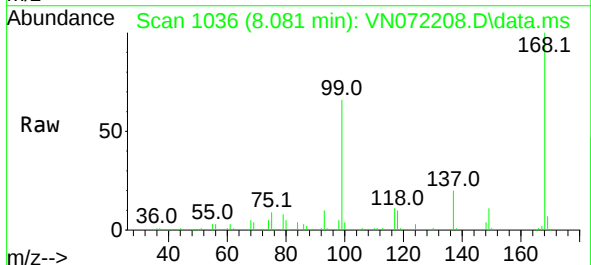


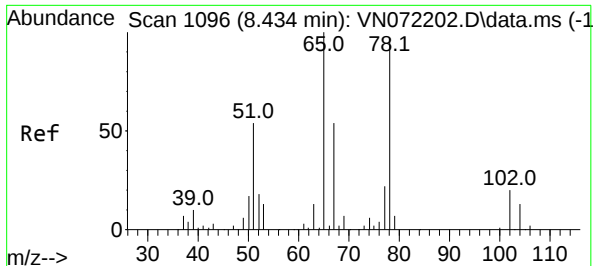
Tgt Ion: 84	Resp: 4435
Ion Ratio	Lower Upper
84 100	
49 99.4	88.3 132.5
51 42.9	28.2 42.2#
86 61.2	50.6 76.0



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 56	Resp: 6277
Ion Ratio	Lower Upper
56 100	
69 164.1	27.8 41.8#
84 145.4	76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.532 ug/l

RT: 8.434 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

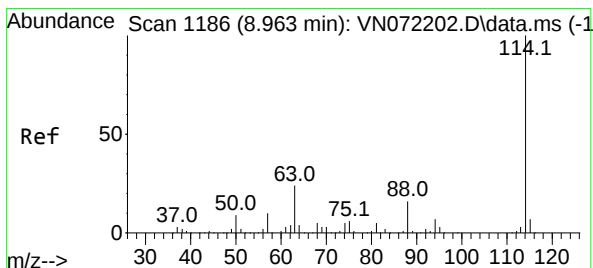
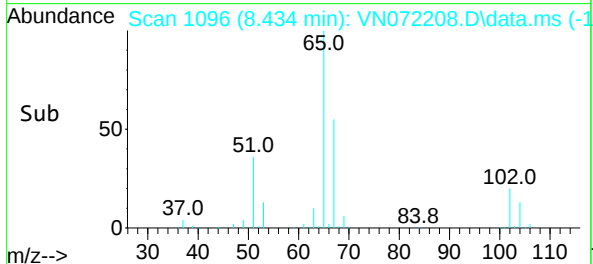
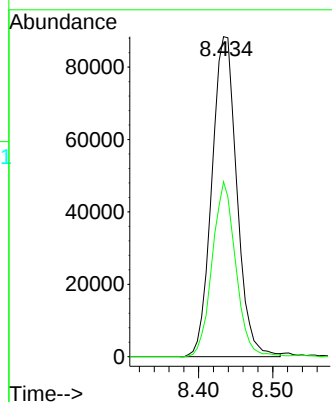
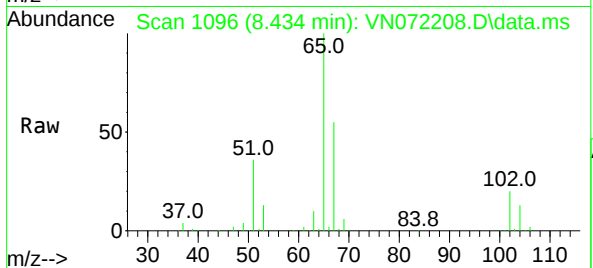
VN0427WBL01

Tgt Ion: 65 Resp: 207300

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

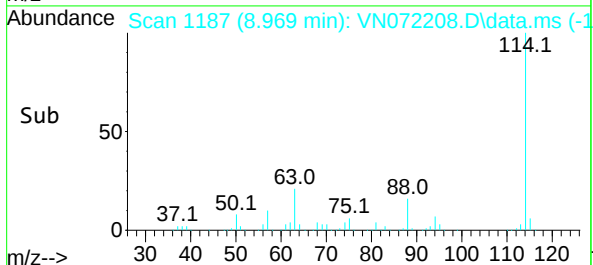
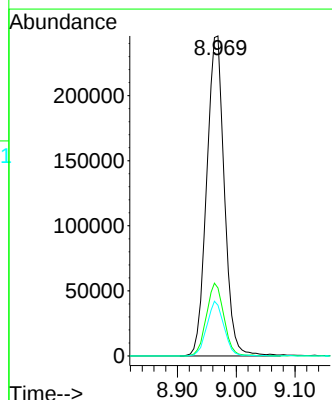
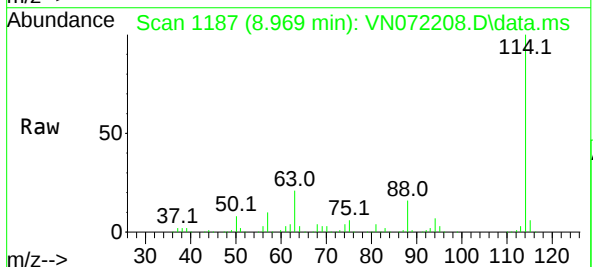
Tgt Ion: 114 Resp: 513699

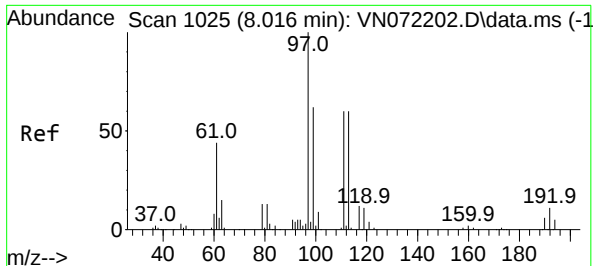
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.809 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBL01

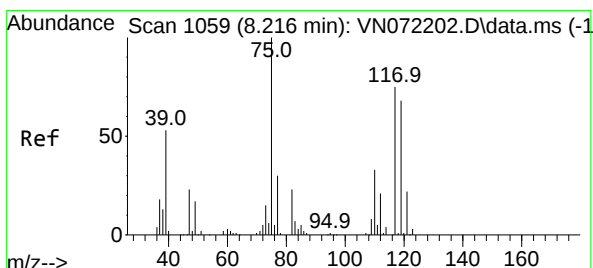
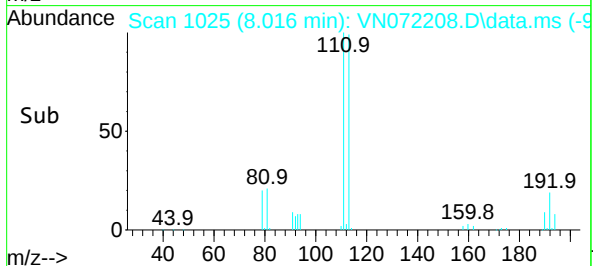
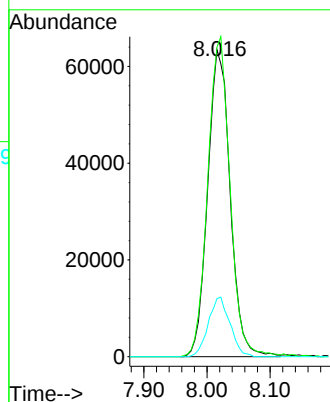
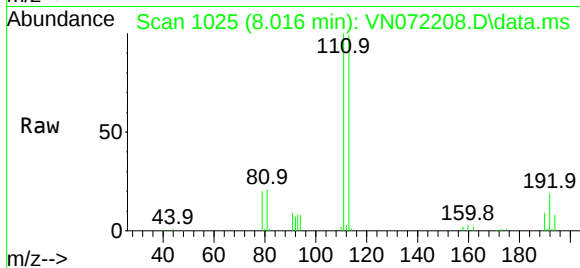
Tgt Ion:113 Resp: 157195

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

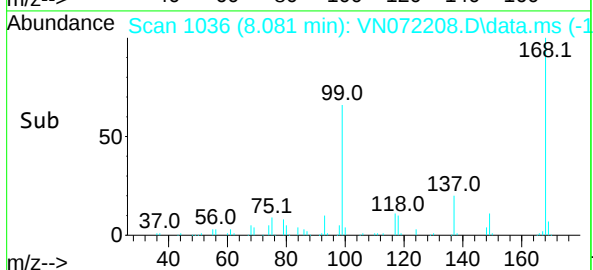
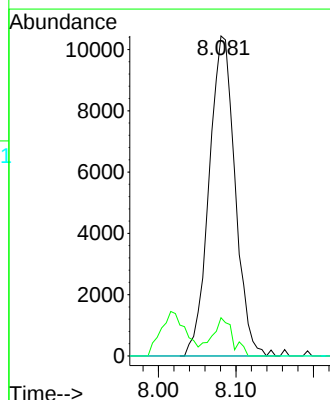
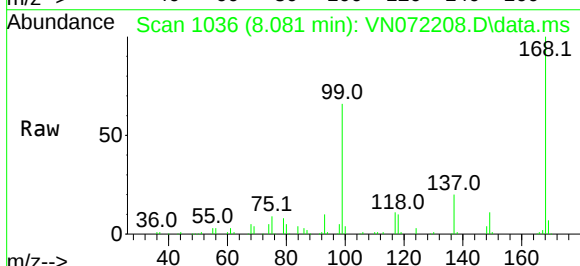
Tgt Ion: 75 Resp: 24358

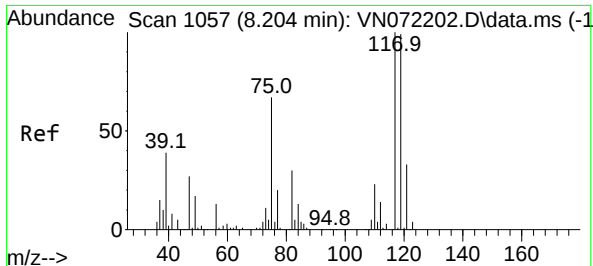
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

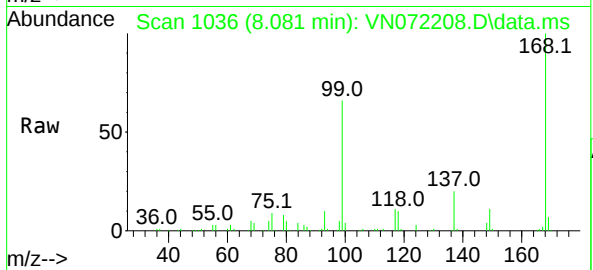
77 0.0 25.1 37.7#



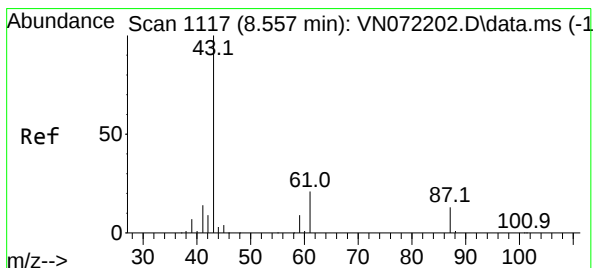
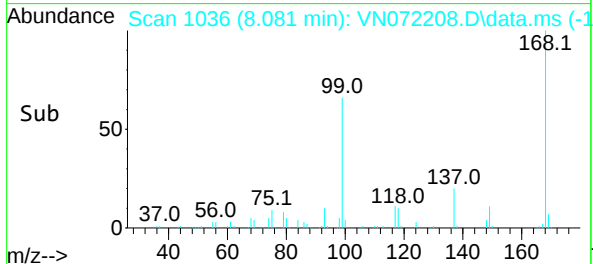
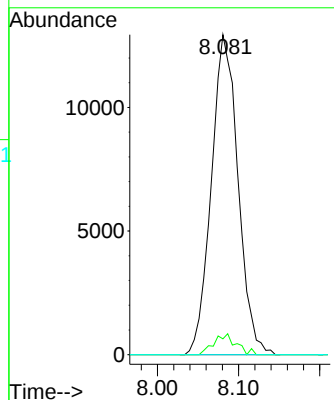


#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.123 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

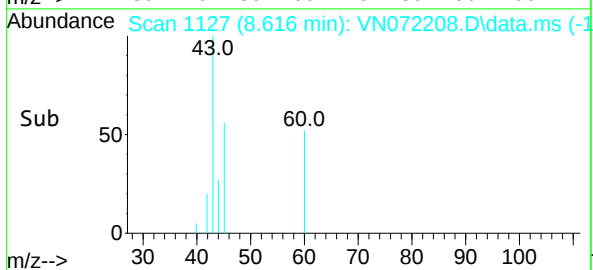
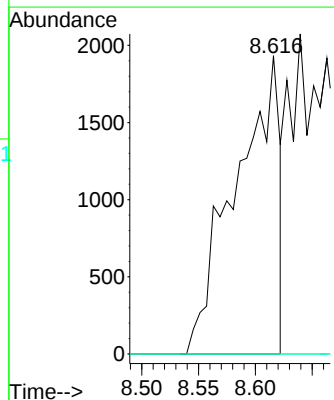
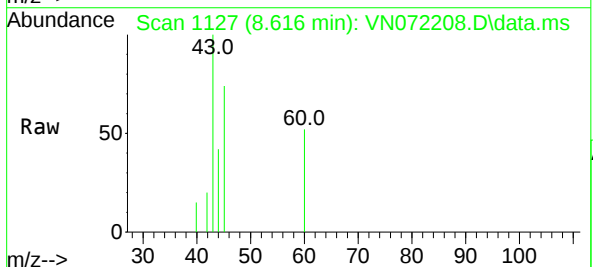


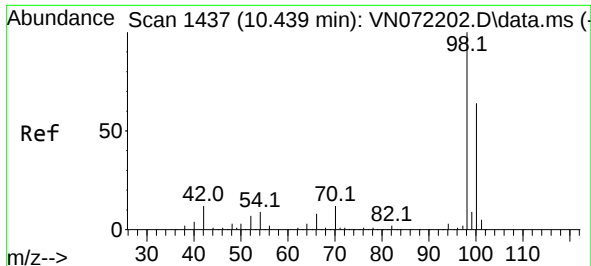
Tgt Ion: 117 Resp: 29591
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.312 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.059 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 43 Resp: 5181
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

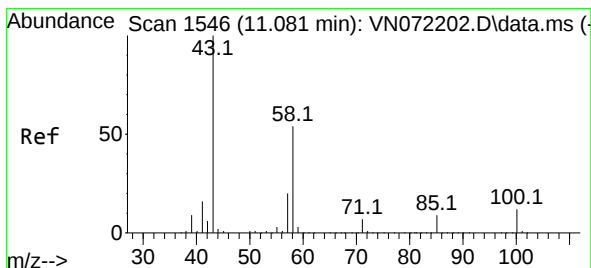
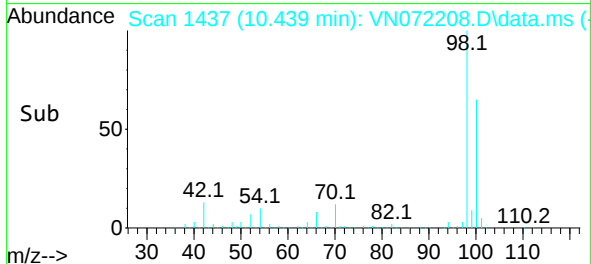
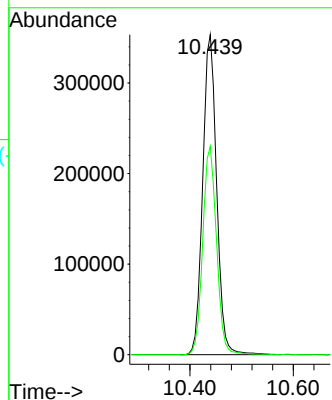
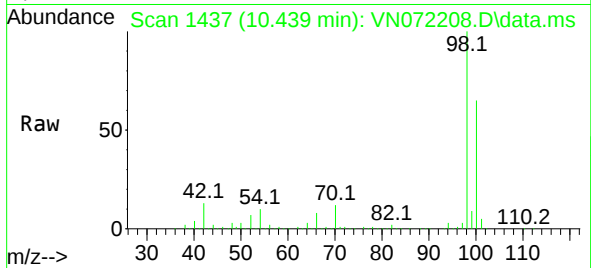




#50
Toluene-d8
Concen: 51.028 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

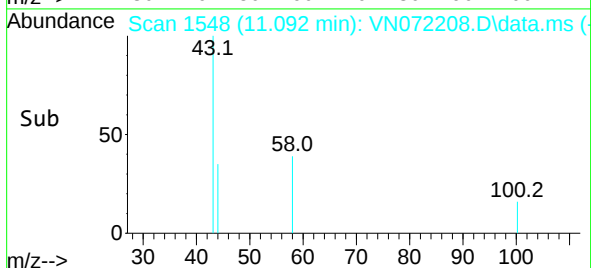
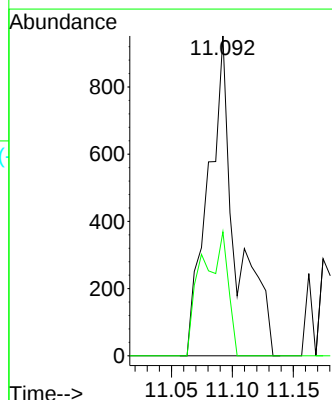
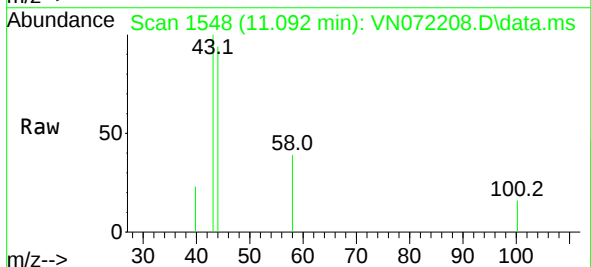
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

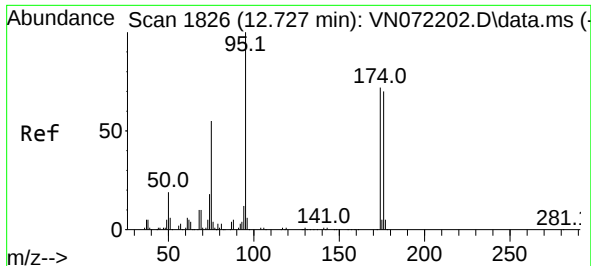
Tgt Ion: 98 Resp: 659273
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#59
2-Hexanone
Concen: 0.359 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 36.1 29.7 89.1

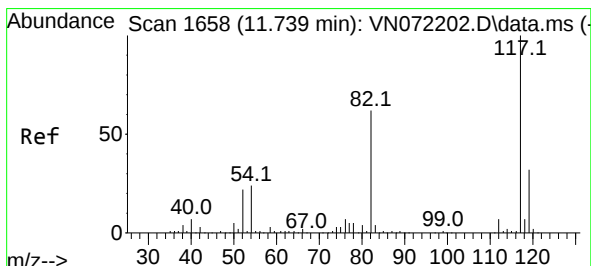
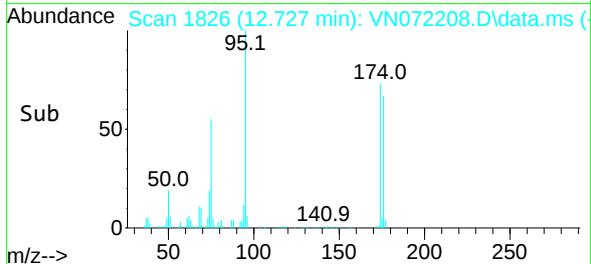
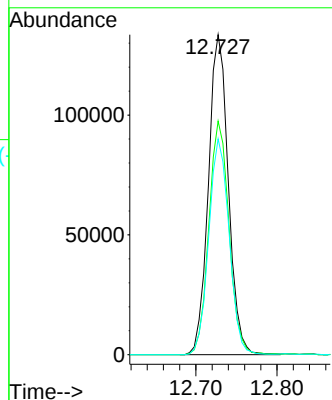
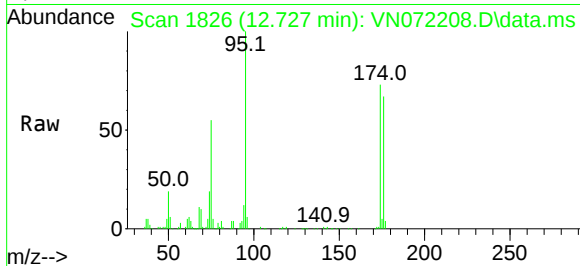




#62
4-Bromofluorobenzene
Concen: 53.082 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

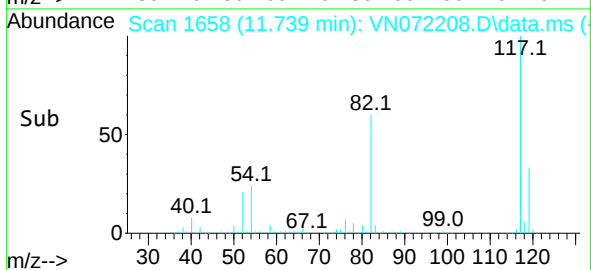
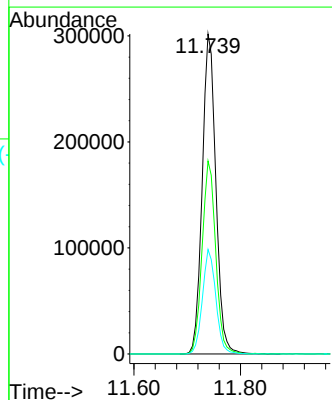
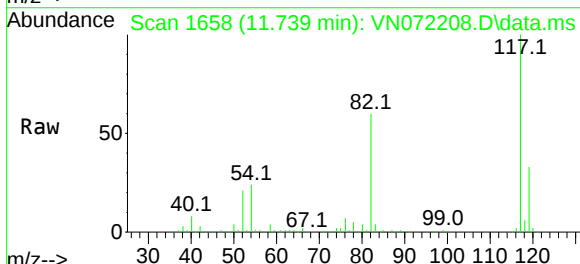
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

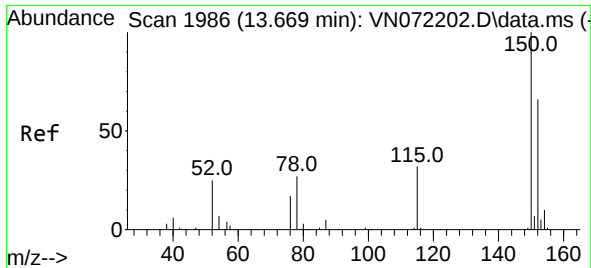
Tgt Ion: 95 Resp: 227630
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 68.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 117 Resp: 536023
Ion Ratio Lower Upper
117 100
82 60.3 44.2 66.2
119 32.7 25.4 38.0

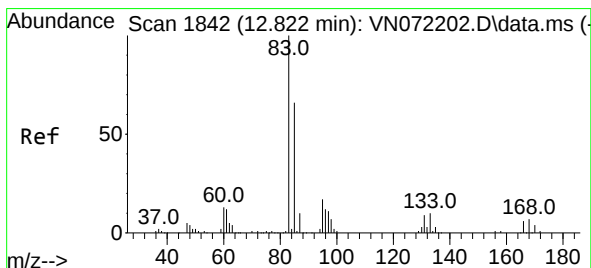
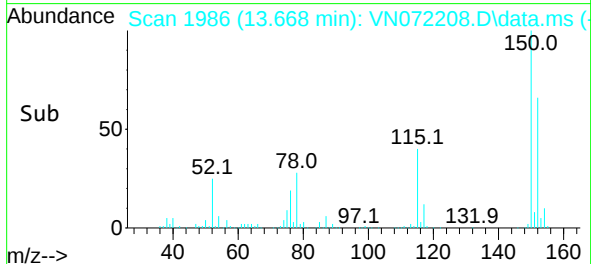
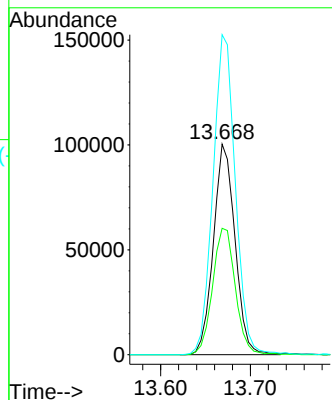
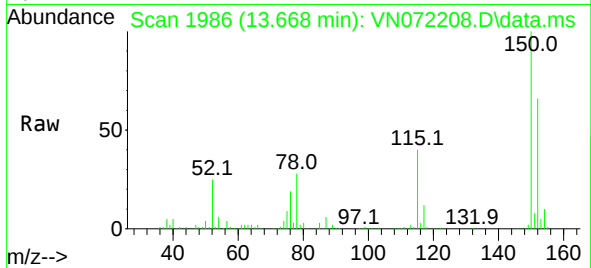




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072208.D
 Acq: 27 Apr 2022 11:45

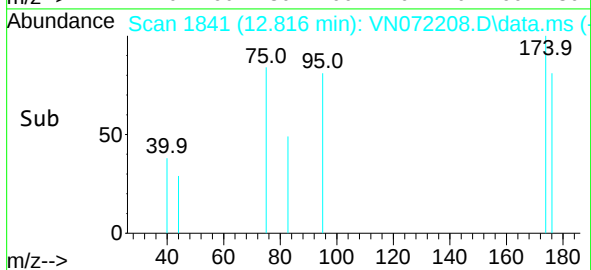
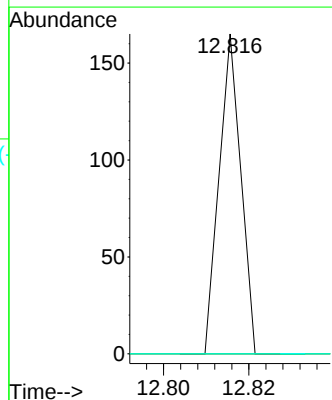
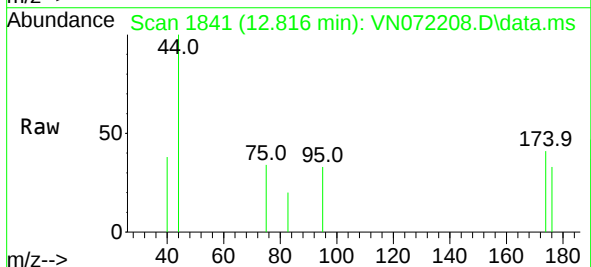
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBL01

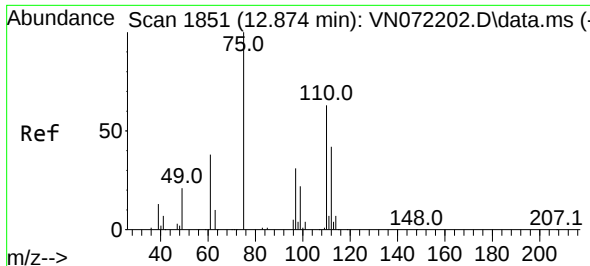
Tgt Ion:152 Resp: 168014
 Ion Ratio Lower Upper
 152 100
 115 63.3 28.9 86.7
 150 157.5 0.0 356.2



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.816 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: VN072208.D
 Acq: 27 Apr 2022 11:45

Tgt Ion: 83 Resp: 58
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.9#
 85 0.0 32.3 96.9#

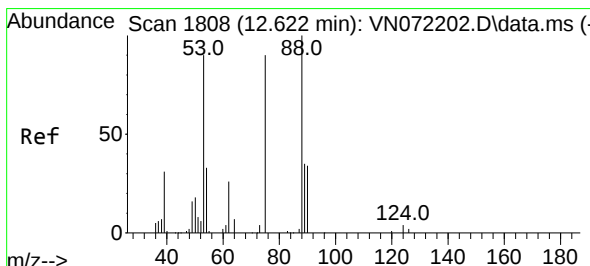
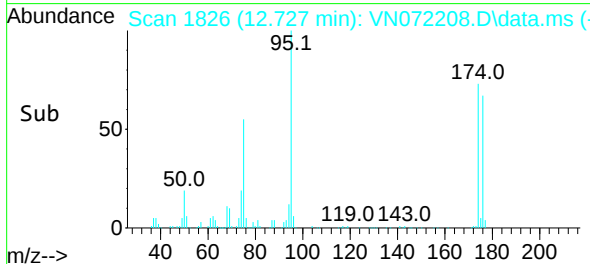
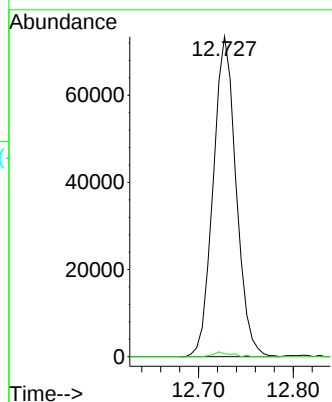
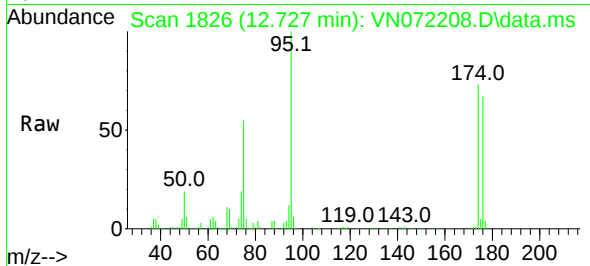




#76
1,2,3-Trichloropropane
Concen: 32.760 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

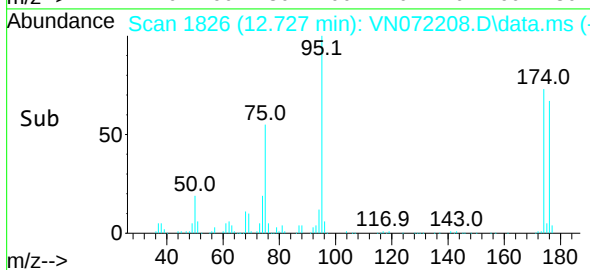
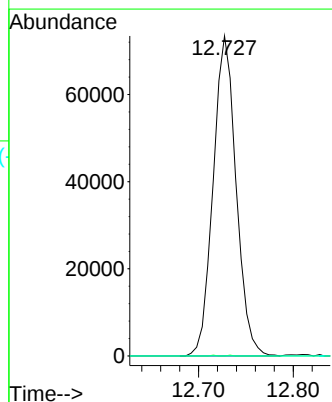
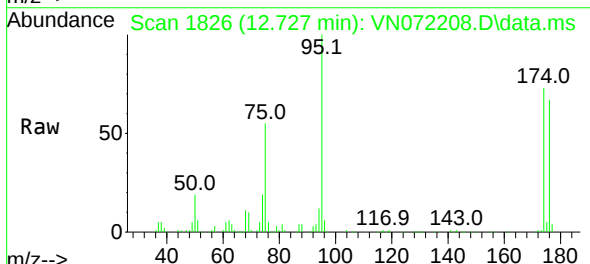
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBL01

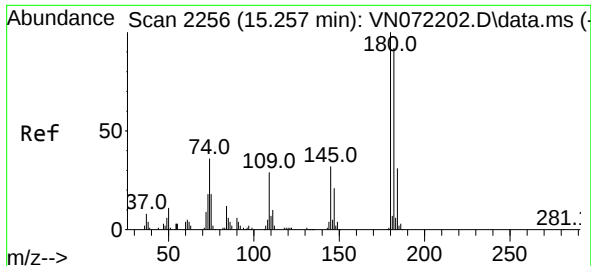
Tgt Ion: 75 Resp: 123809
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.205 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072208.D
Acq: 27 Apr 2022 11:45

Tgt Ion: 75 Resp: 123809
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.623 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.005 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBL01

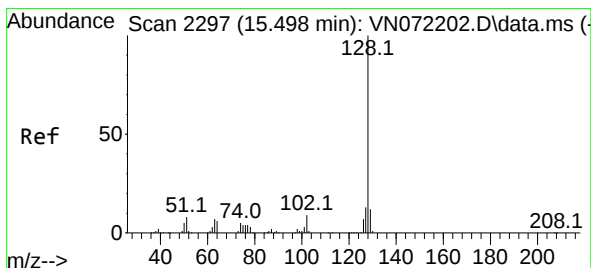
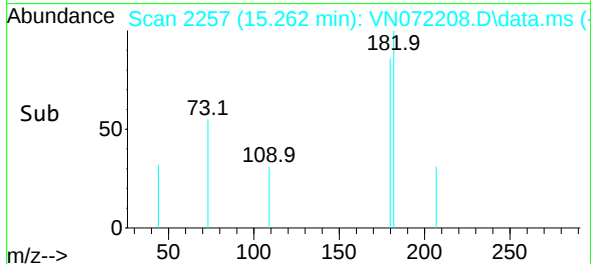
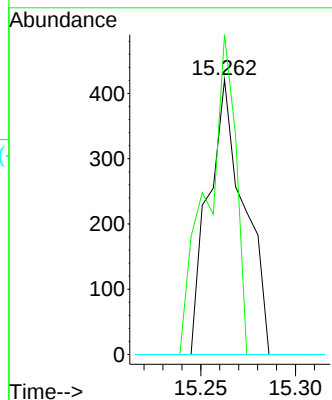
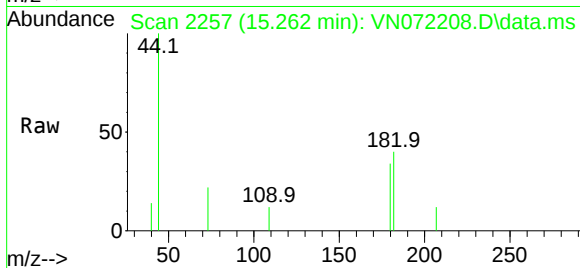
Tgt Ion:180 Resp: 552

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 4.557 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

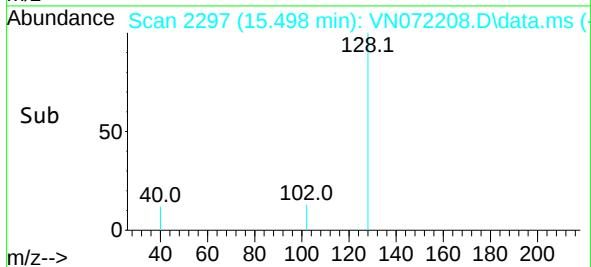
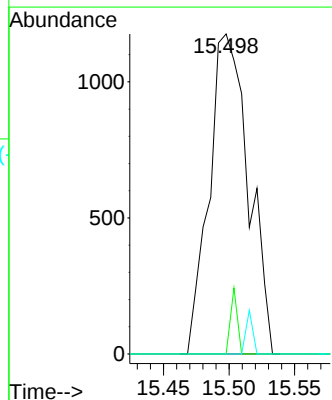
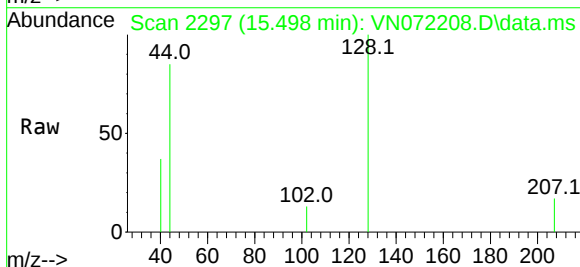
Tgt Ion:128 Resp: 2456

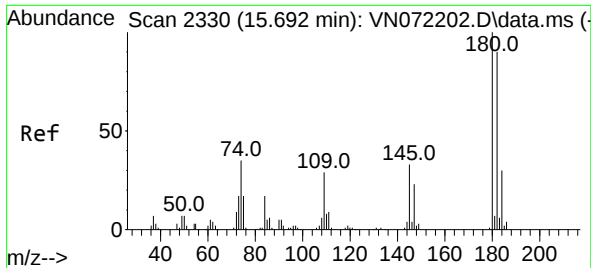
Ion Ratio Lower Upper

128 100

127 3.5 10.3 15.5#

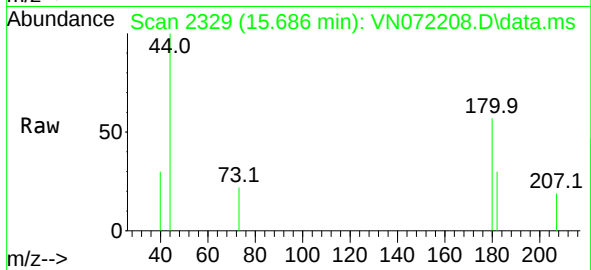
129 2.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.927 ug/l
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072208.D
 Acq: 27 Apr 2022 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBL01



Tgt Ion:	180	Resp:	692
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	16.6	15.5	46.5

