

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074479.D
 Acq On : 15 Sep 2022 23:14
 Operator : JC\MD
 Sample : VN0915WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBL02

Quant Time: Sep 16 01:47:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

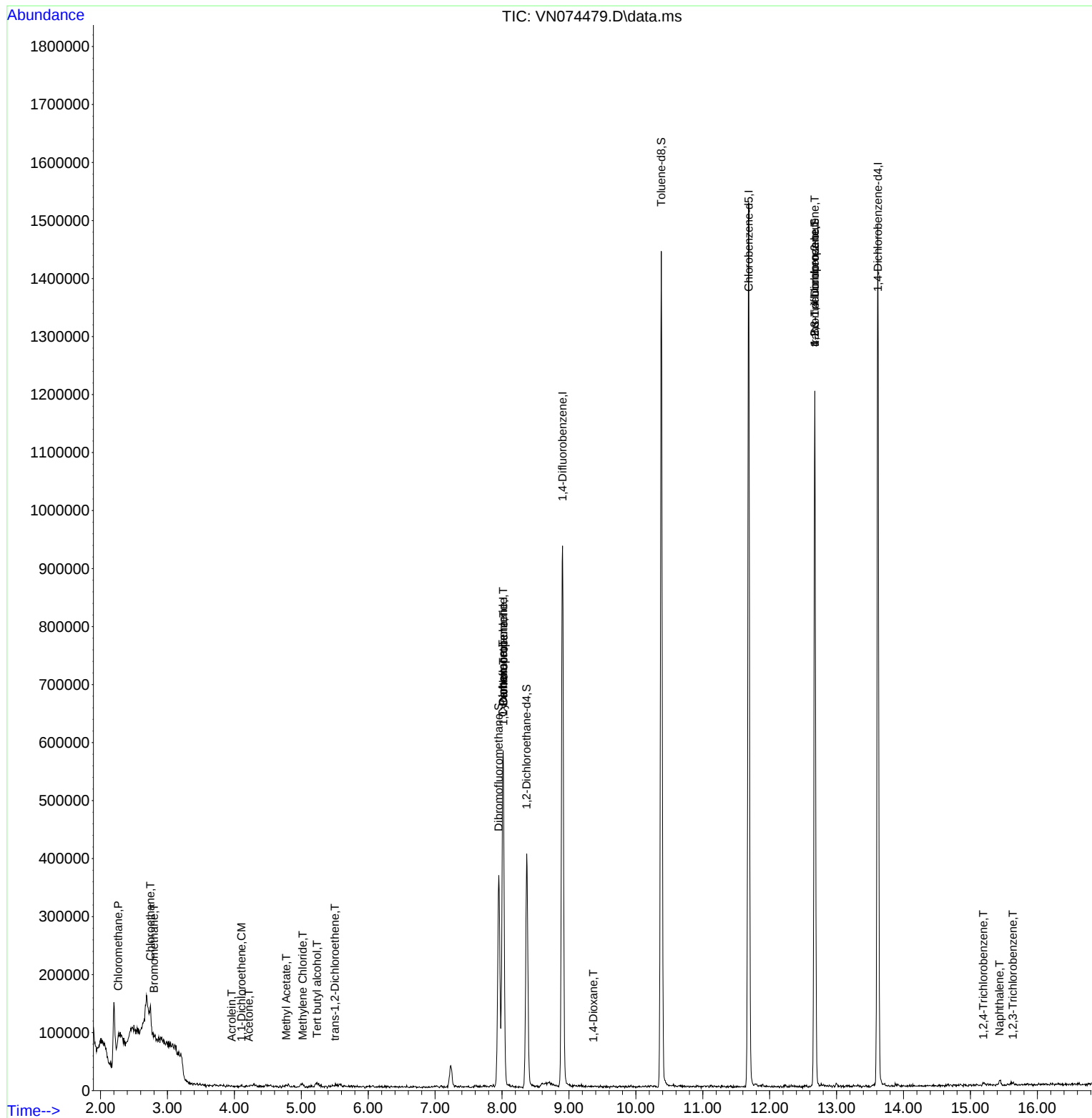
Internal Standards						
1) Pentafluorobenzene	8.016	168	421446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	800075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	780195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	339399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	304567	42.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.180%		
35) Dibromofluoromethane	7.951	113	258911	48.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	10.381	98	945421	45.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.000%		
62) 4-Bromofluorobenzene	12.675	95	379040	53.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.680%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	2705	0.607	ug/l	89
5) Bromomethane	2.799	94	1560	0.358	ug/l #	22
6) Chloroethane	2.746	64	11237	1.993	ug/l #	62
11) Tert butyl alcohol	5.234	59	6116	2.626	ug/l #	78
12) 1,1-Dichloroethene	4.104	96	1137	0.886	ug/l #	1
13) Acrolein	3.957	56	530	0.623	ug/l	84
16) Acetone	4.216	43	1211	0.265	ug/l #	66
18) Methyl Acetate	4.775	43	3144	0.221	ug/l	90
20) Methylene Chloride	5.022	84	1950	0.310	ug/l #	60
21) trans-1,2-Dichloroethene	5.504	96	725	0.547	ug/l #	25
31) Cyclohexane	8.010	56	13175	1.038	ug/l #	42
36) 1,1-Dichloropropene	8.022	75	39829	4.234	ug/l #	50
38) Carbon Tetrachloride	8.016	117	44371	5.109	ug/l #	14
49) 1,4-Dioxane	9.363	88	75	0.387	ug/l #	1
76) 1,2,3-Trichloropropane	12.675	75	215455	20.624	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	215455	44.513	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.192	180	1382	0.205	ug/l	73
95) Naphthalene	15.433	128	7922	1.853	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.633	180	1579	1.557	ug/l #	42

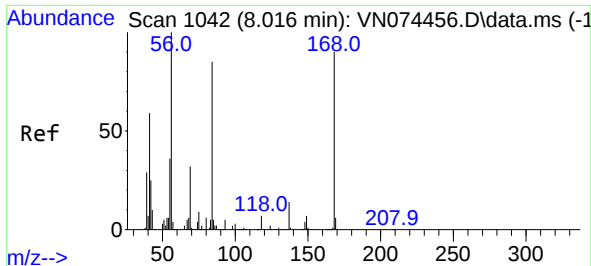
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
Data File : VN074479.D
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Quant Time: Sep 16 01:47:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

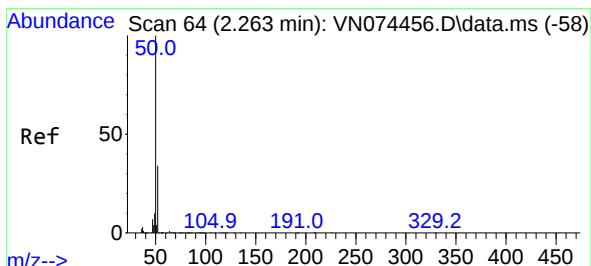
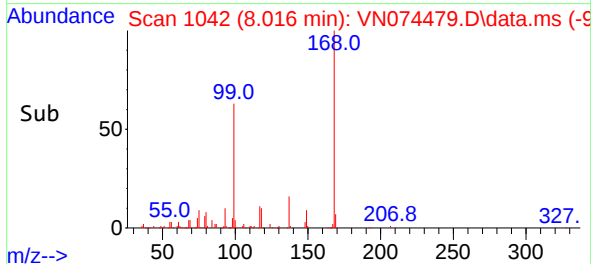
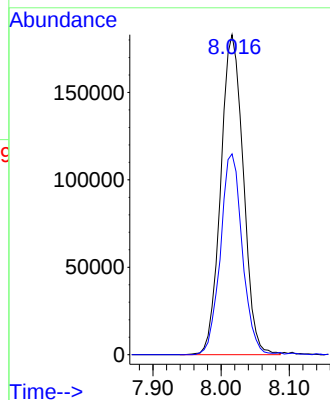
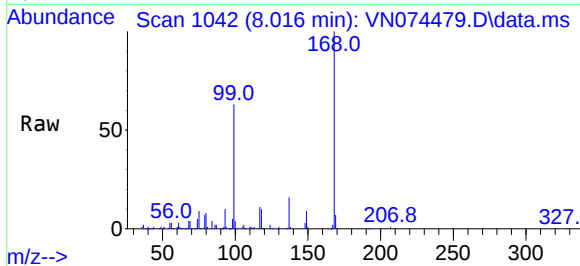




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

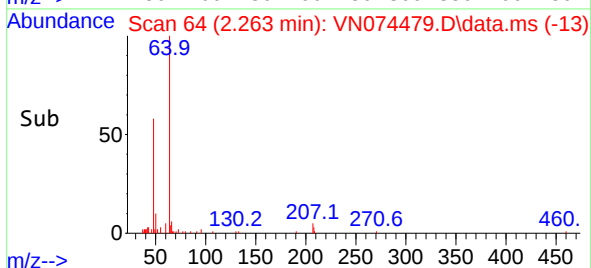
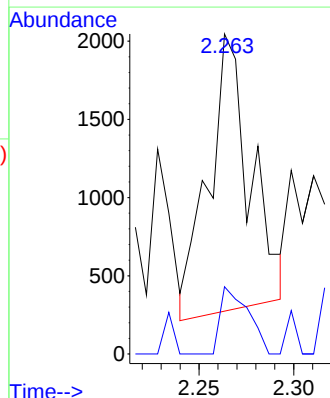
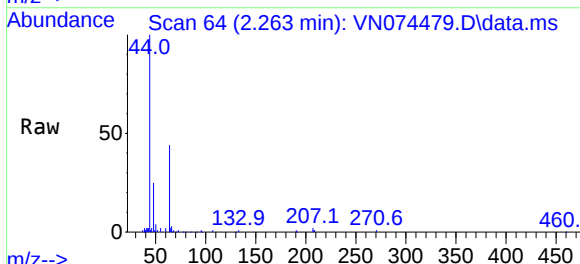
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

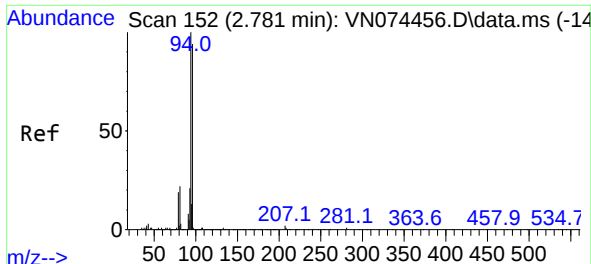
Tgt Ion:168 Resp: 421446
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#3
Chloromethane
Concen: 0.607 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 50 Resp: 2705
Ion Ratio Lower Upper
50 100
52 25.9 25.7 38.5

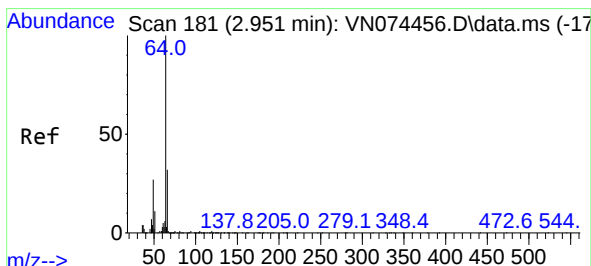
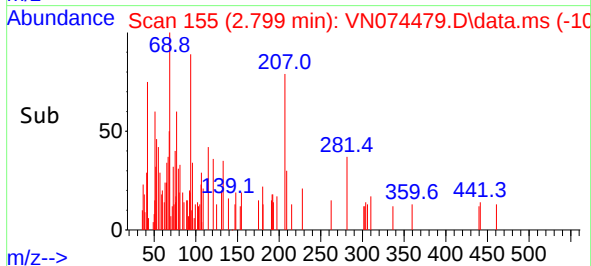
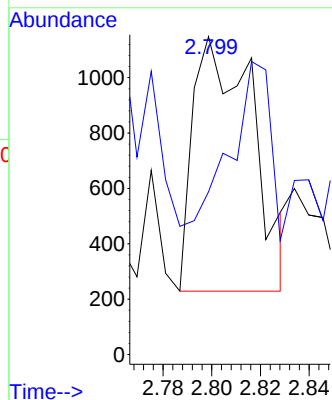
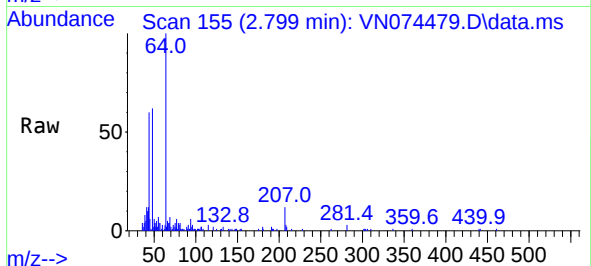




#5
Bromomethane
Concen: 0.358 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

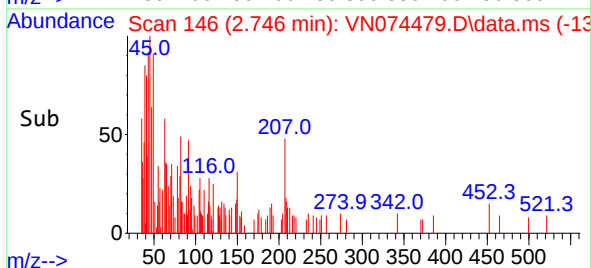
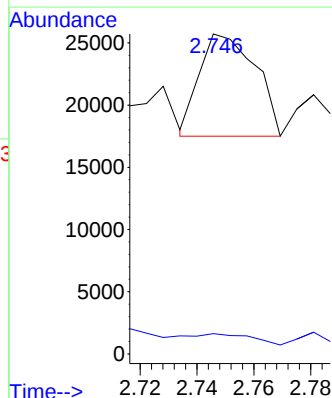
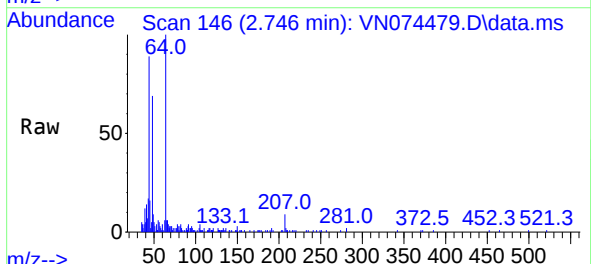
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

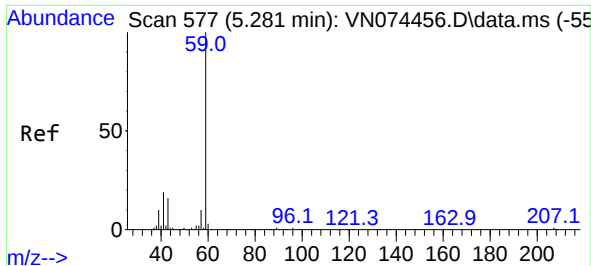
Tgt Ion: 94 Resp: 1560
Ion Ratio Lower Upper
94 100
96 19.2 76.0 114.0#



#6
Chloroethane
Concen: 1.993 ug/l
RT: 2.746 min Scan# 146
Delta R.T. -0.205 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 64 Resp: 11237
Ion Ratio Lower Upper
64 100
66 11.2 26.2 39.4#

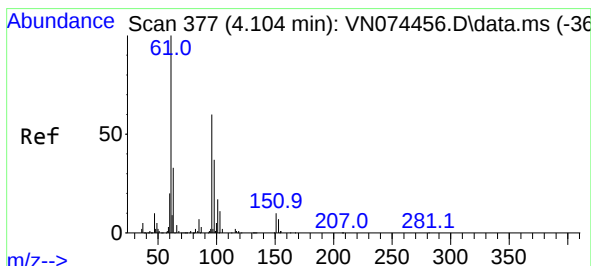
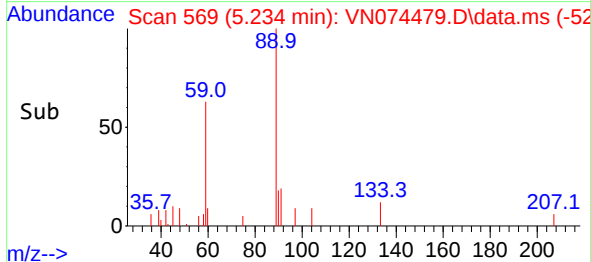
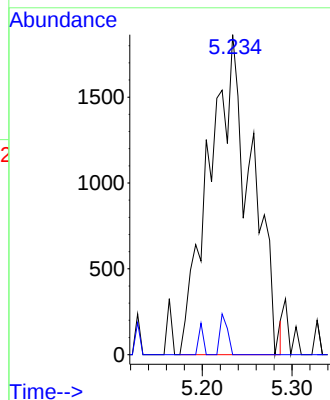
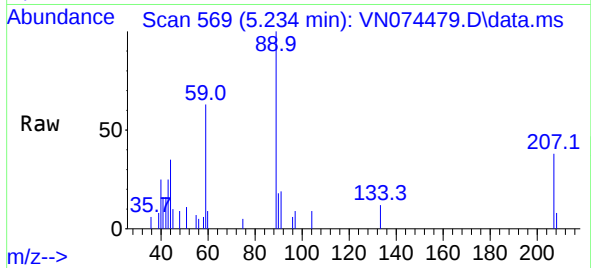




#11
Tert butyl alcohol
Concen: 2.626 ug/l
RT: 5.234 min Scan# 577
Delta R.T. -0.047 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

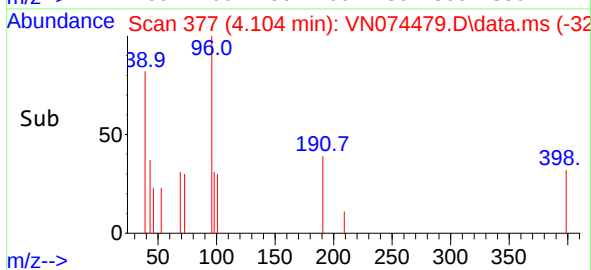
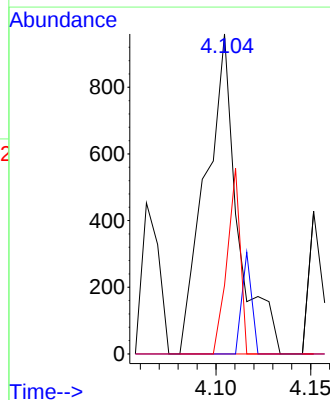
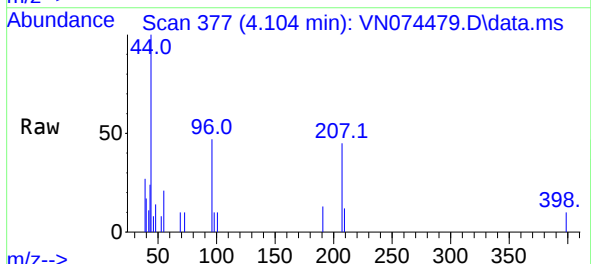
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

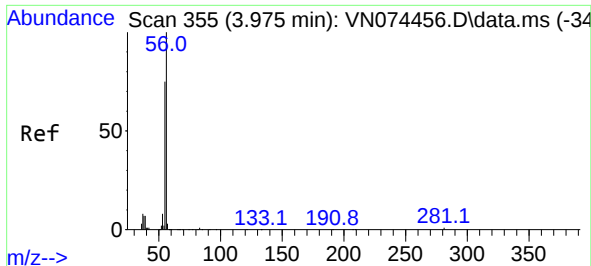
Tgt Ion: 59 Resp: 6116
Ion Ratio Lower Upper
59 100
57 2.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 96 Resp: 1137
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 21.5 51.2 76.8#

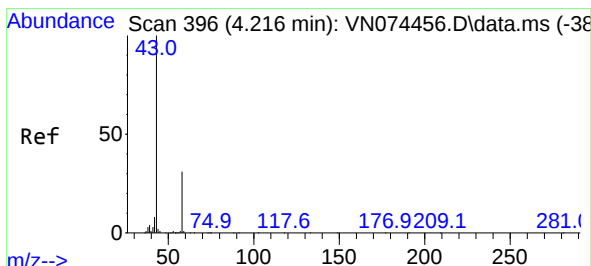
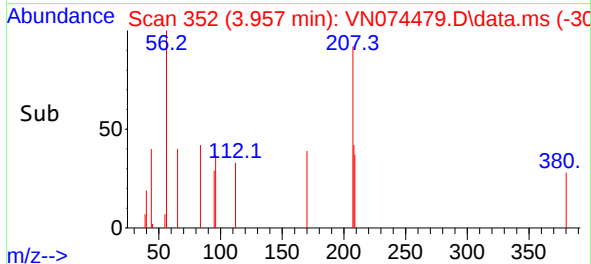
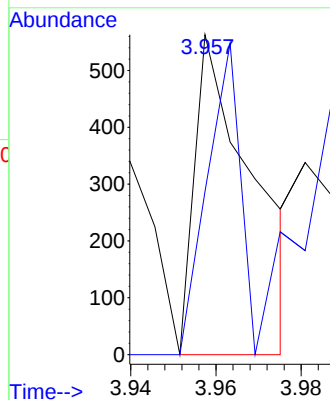
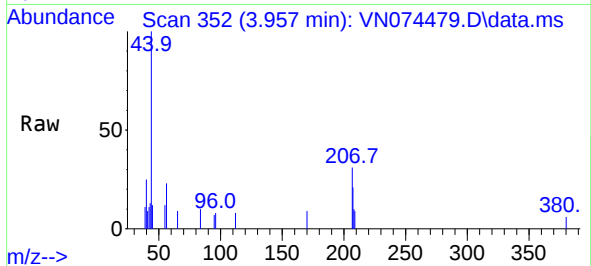




#13
Acrolein
Concen: 0.623 ug/l
RT: 3.957 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

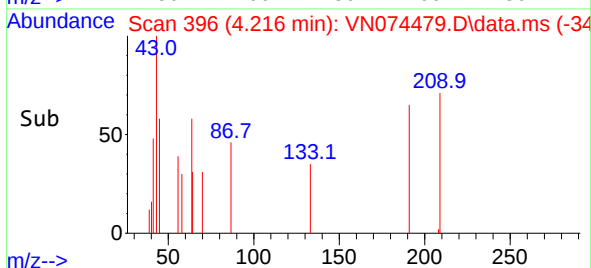
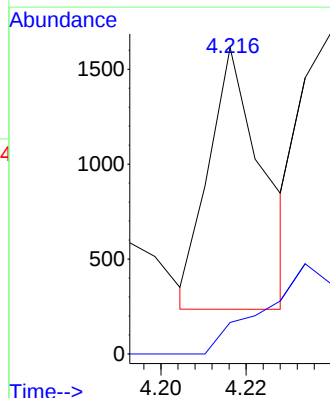
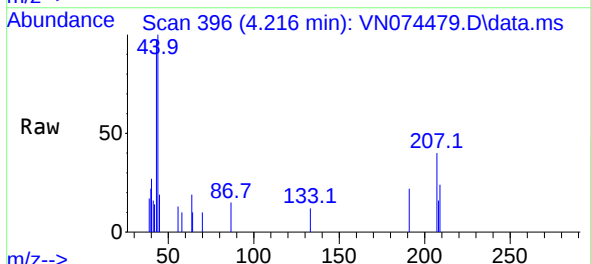
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

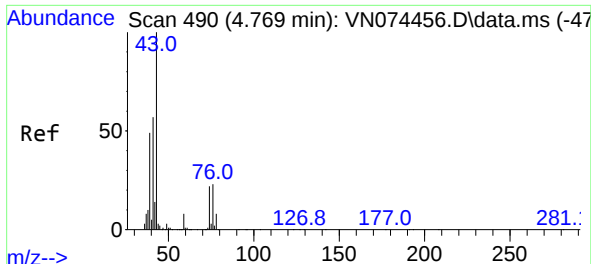
Tgt Ion: 56 Resp: 530
Ion Ratio Lower Upper
56 100
55 55.7 54.8 82.2



#16
Acetone
Concen: 0.265 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 13.1 26.0 39.0#





#18

Methyl Acetate

Concen: 0.221 ug/l

RT: 4.775 min Scan# 491

Delta R.T. 0.006 min

Lab File: VN074479.D

Acq: 15 Sep 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

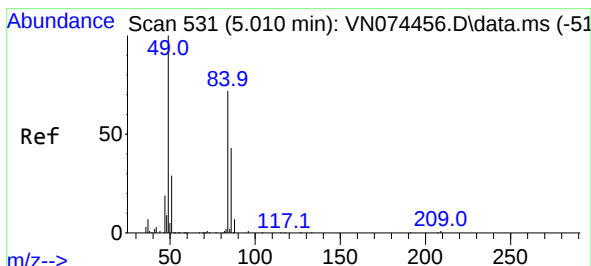
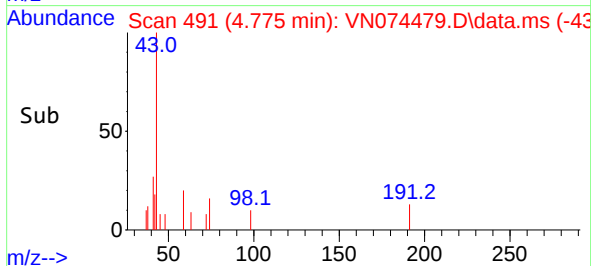
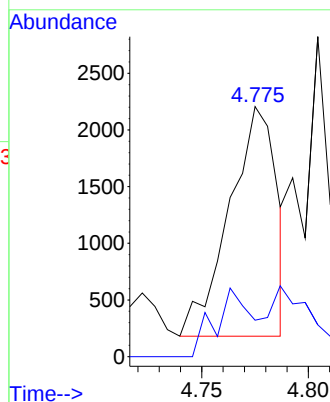
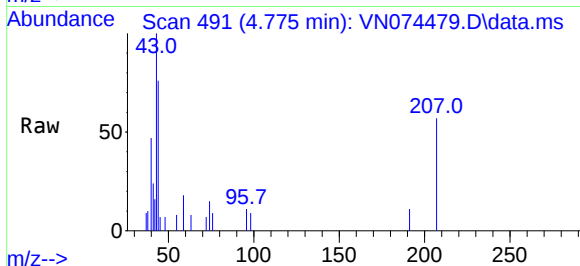
VN0915WBL02

Tgt Ion: 43 Resp: 3144

Ion Ratio Lower Upper

43 100

74 21.8 21.6 32.4



#20

Methylene Chloride

Concen: 0.310 ug/l

RT: 5.022 min Scan# 533

Delta R.T. 0.012 min

Lab File: VN074479.D

Acq: 15 Sep 2022 23:14

Tgt Ion: 84 Resp: 1950

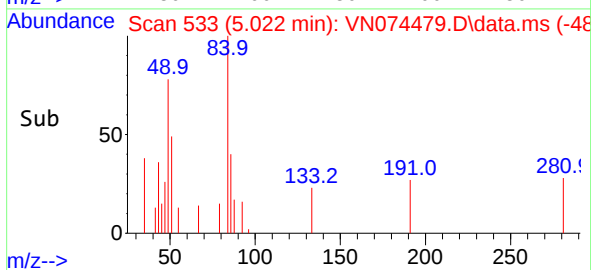
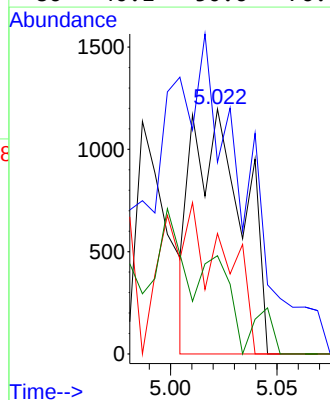
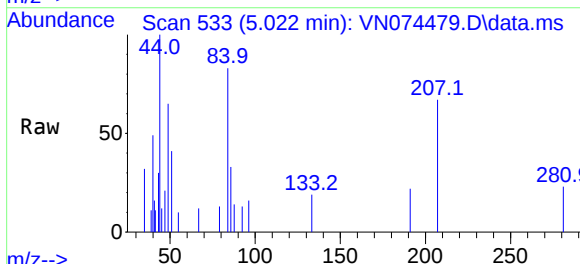
Ion Ratio Lower Upper

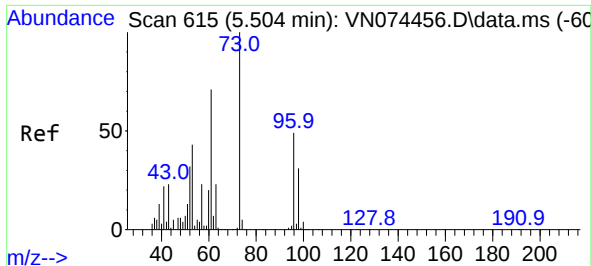
84 100

49 55.6 88.3 132.5#

51 49.2 28.2 42.2#

86 40.1 50.6 76.0#

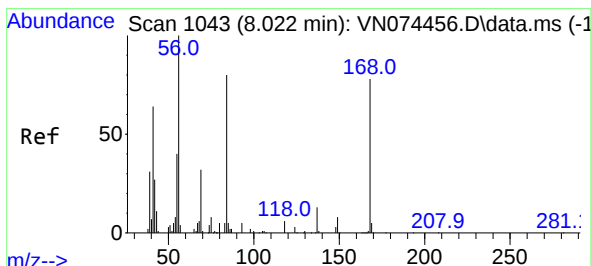
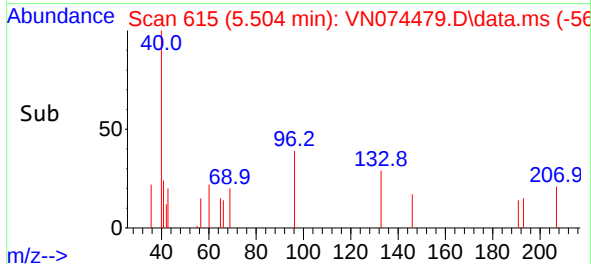
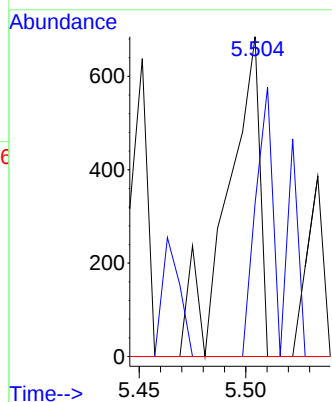
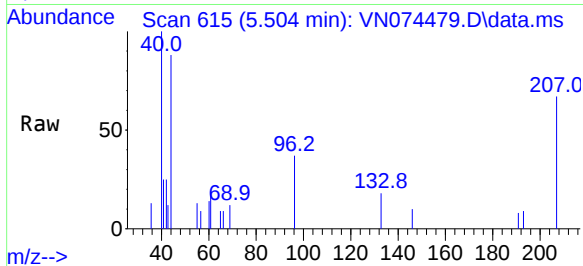




#21
trans-1,2-Dichloroethene
Concen: 0.547 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

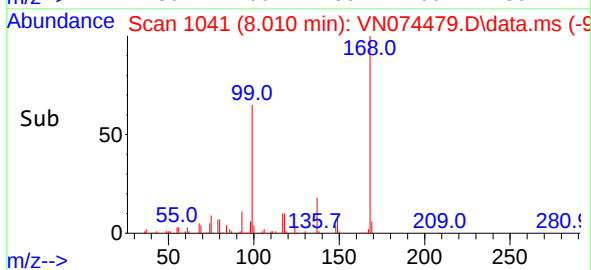
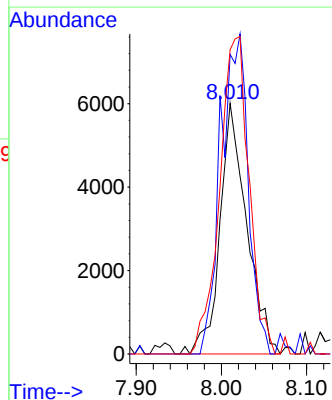
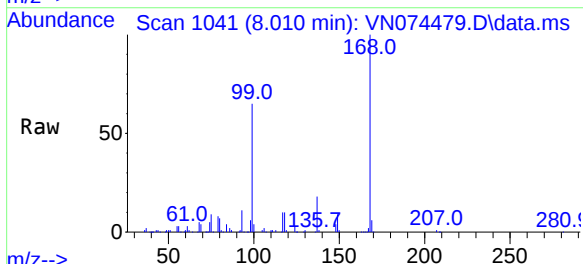
Instrument :
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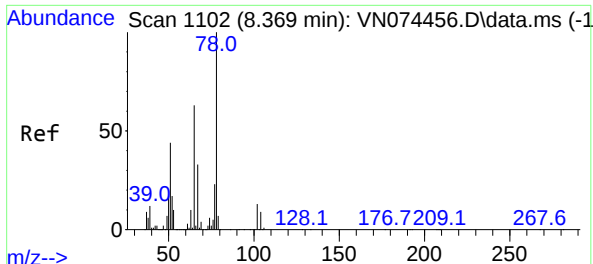
Tgt Ion: 96 Resp: 725
Ion Ratio Lower Upper
96 100
61 47.9 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 56 Resp: 13175
Ion Ratio Lower Upper
56 100
69 119.6 27.8 41.8#
84 121.4 76.9 115.3#

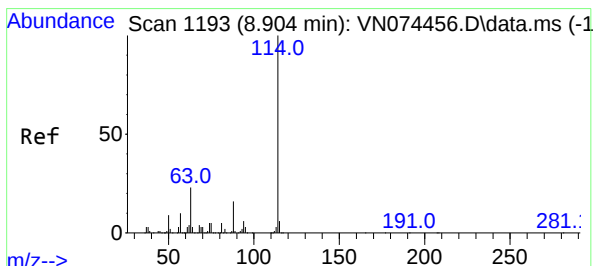
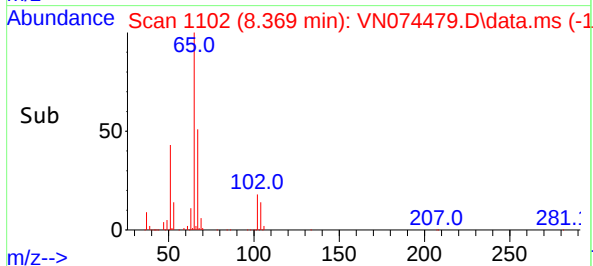
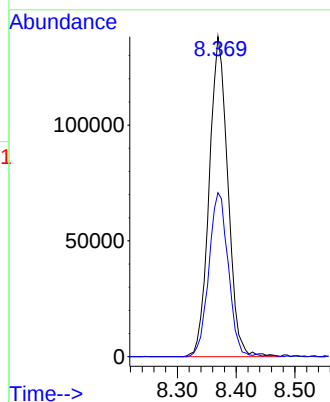
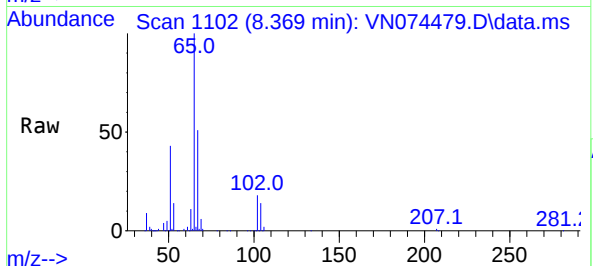




#33
1,2-Dichloroethane-d4
Concen: 42.592 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

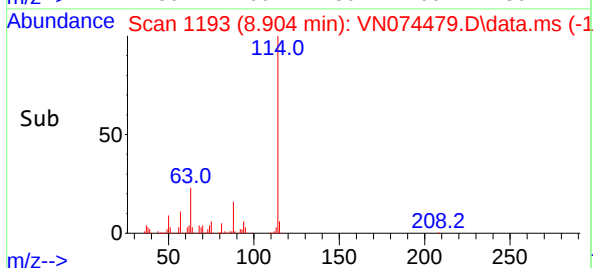
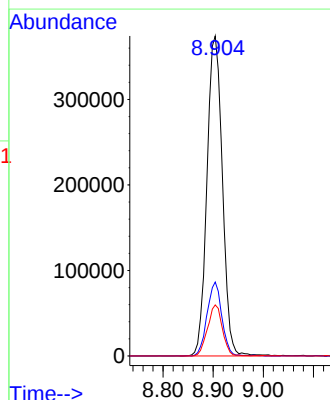
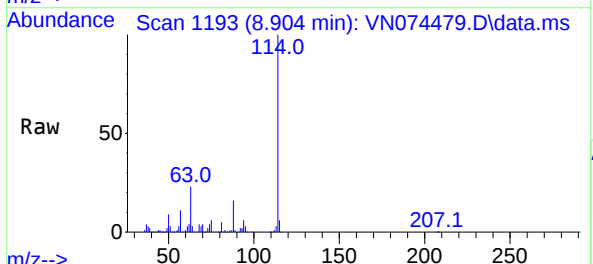
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

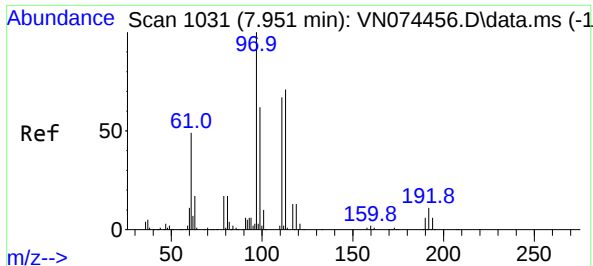
Tgt Ion: 65 Resp: 304567
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 114 Resp: 800075
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.0
88 16.0 0.0 32.6

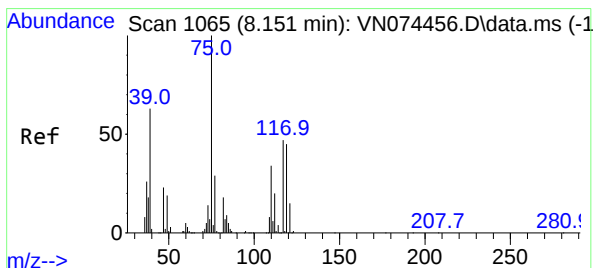
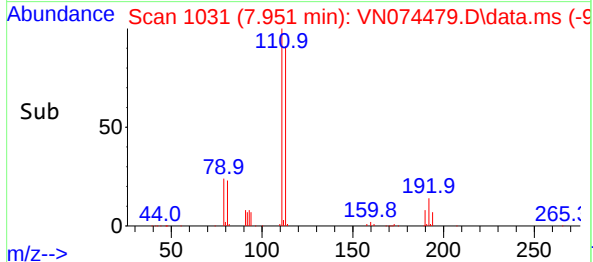
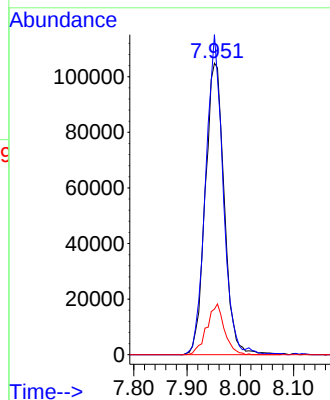
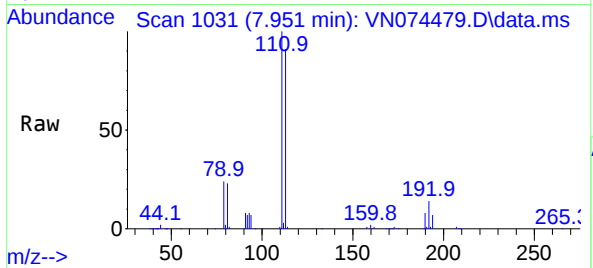




#35
Dibromofluoromethane
Concen: 48.716 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

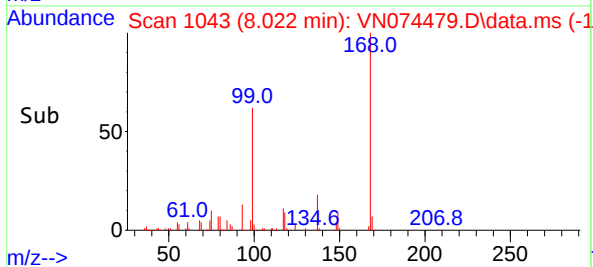
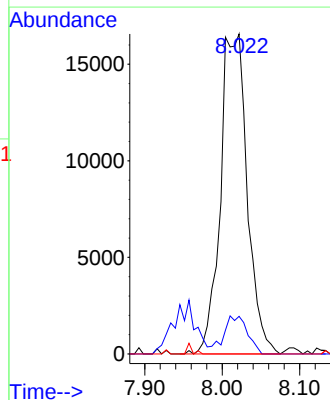
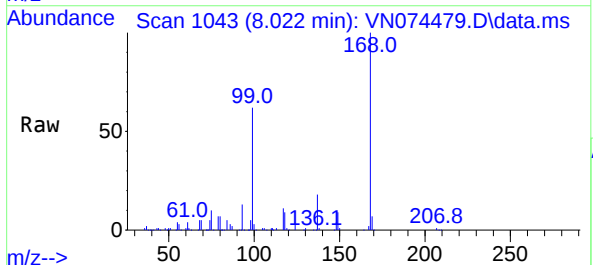
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

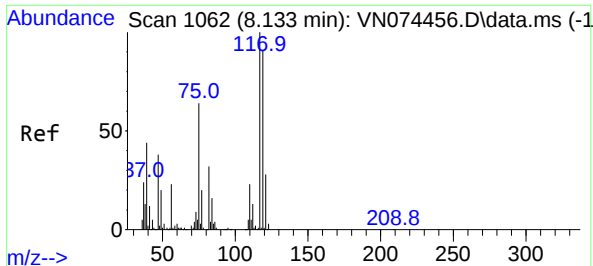
Tgt Ion:113 Resp: 258911
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 16.3 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.234 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 75 Resp: 39829
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 25.1 37.7#

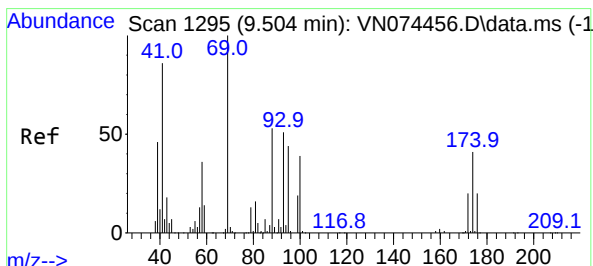
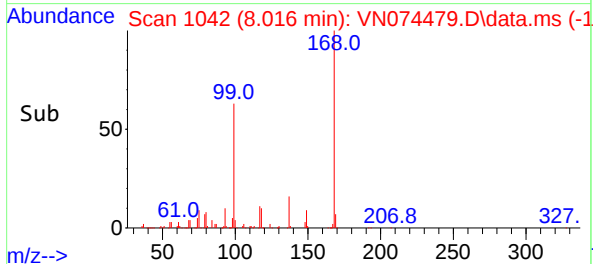
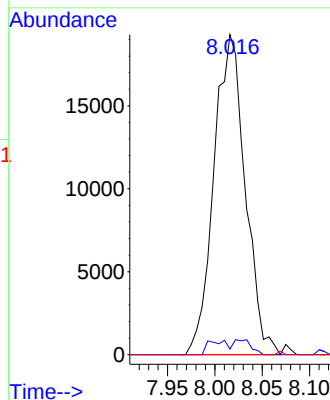
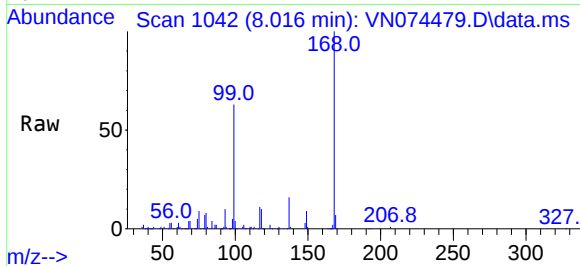




#38
Carbon Tetrachloride
Concen: 5.109 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

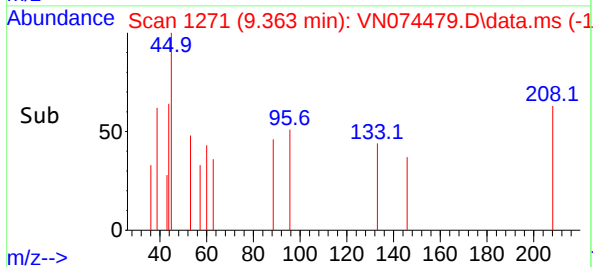
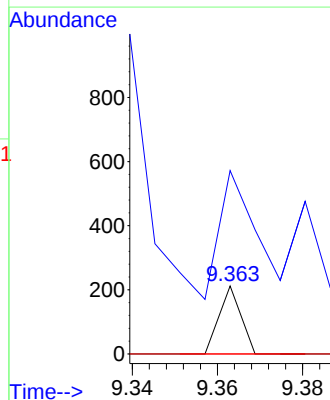
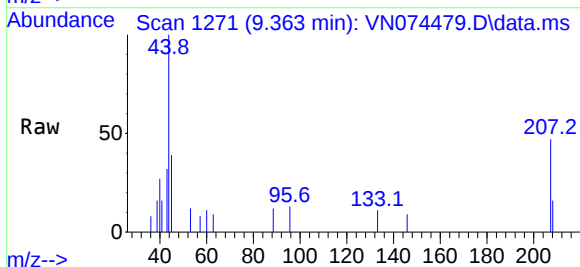
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

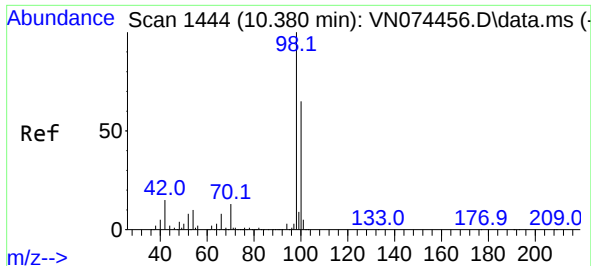
Tgt Ion: 117 Resp: 44371
Ion Ratio Lower Upper
117 100
119 1.8 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.387 ug/l
RT: 9.363 min Scan# 1271
Delta R.T. -0.141 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
43 318.7 20.2 30.4#
58 0.0 54.2 81.4#

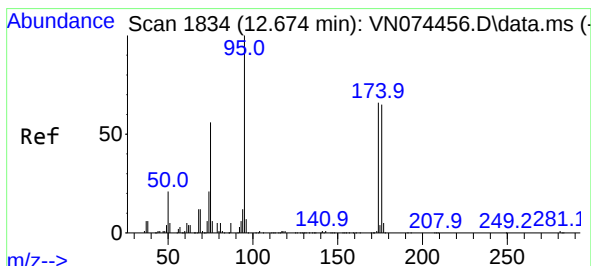
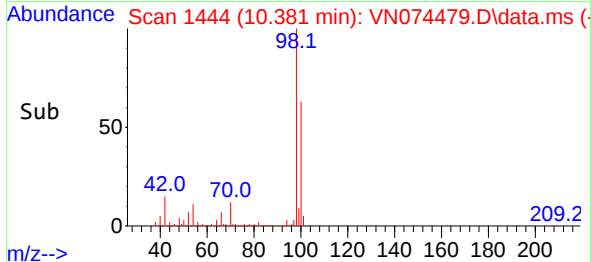
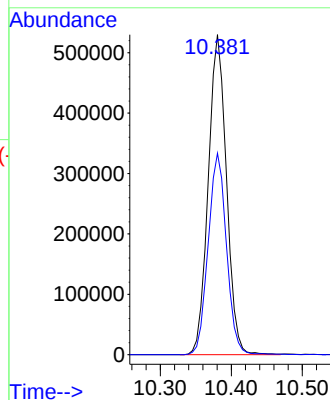
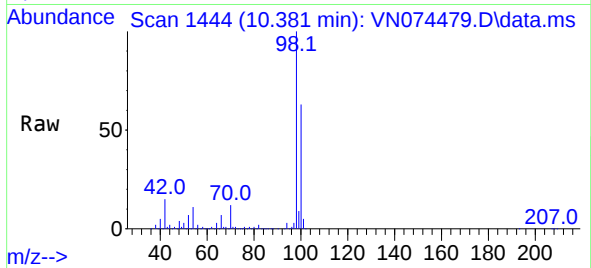




#50
Toluene-d8
Concen: 45.997 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

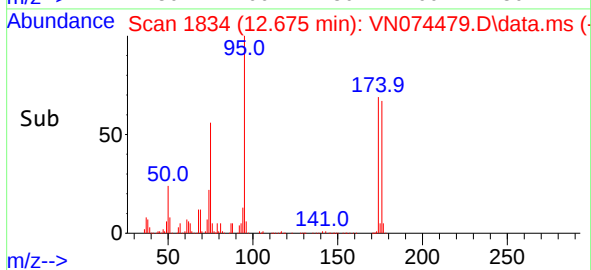
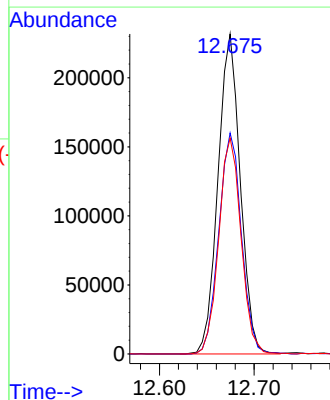
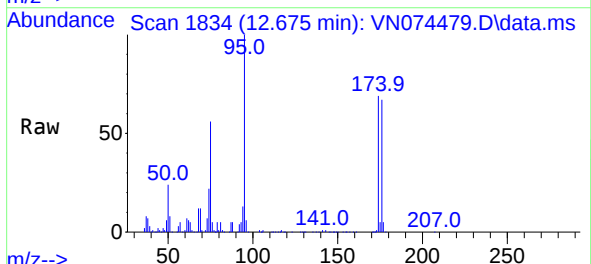
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

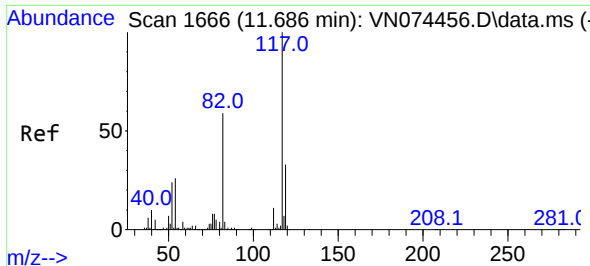
Tgt Ion: 98 Resp: 945421
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.843 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion: 95 Resp: 379040
Ion Ratio Lower Upper
95 100
174 70.4 0.0 167.6
176 67.5 0.0 163.4

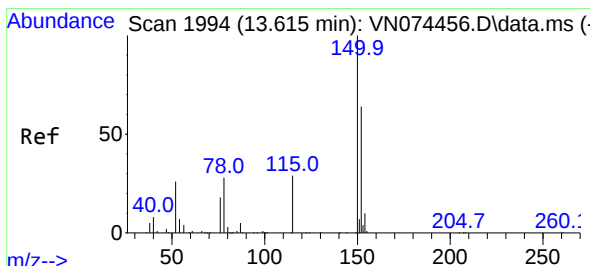
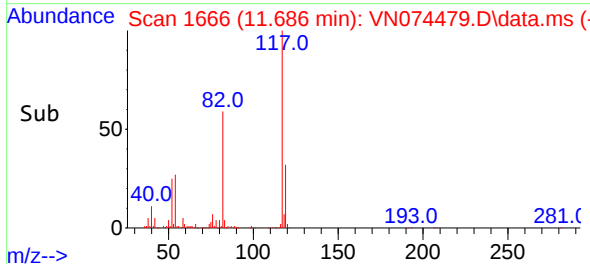
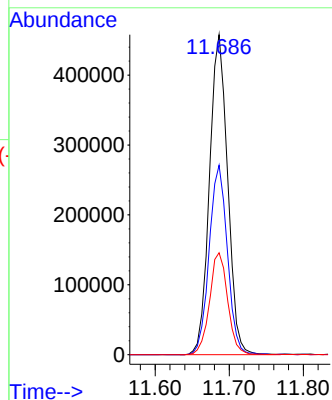
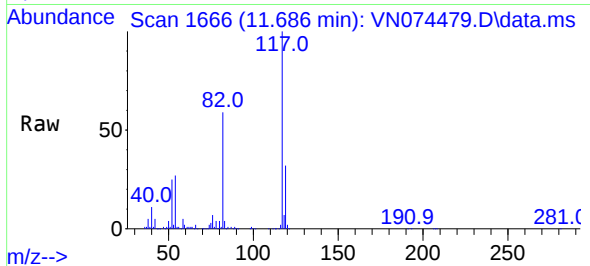




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

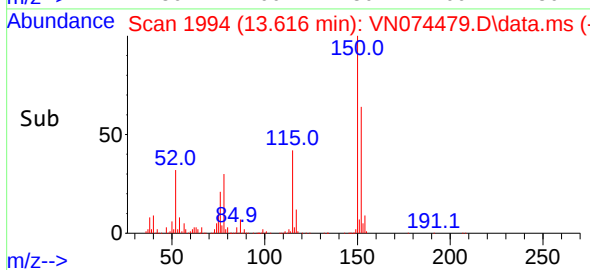
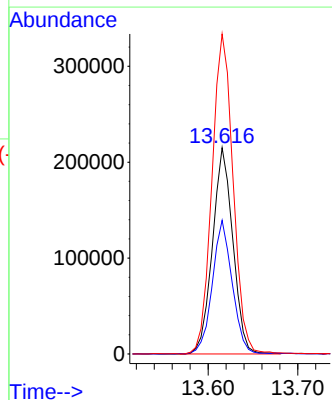
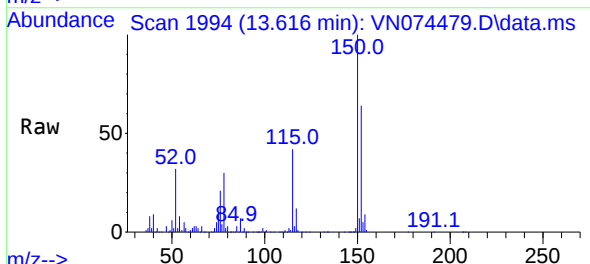
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

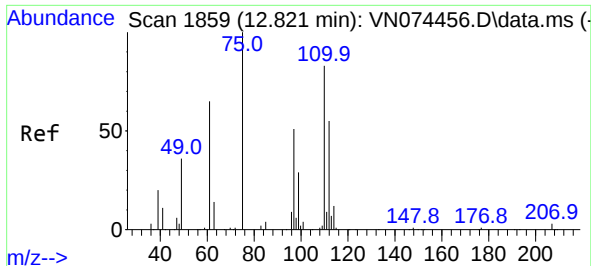
Tgt Ion:	117	Resp:	780195
Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.2	66.2
119	31.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion:	152	Resp:	339399
Ion	Ratio	Lower	Upper
152	100		
115	63.1	28.9	86.7
150	161.1	0.0	356.2

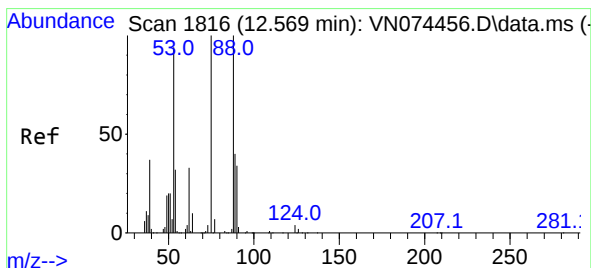
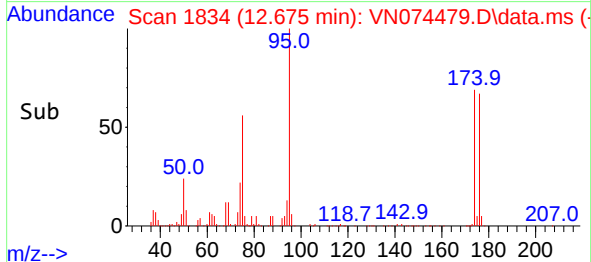
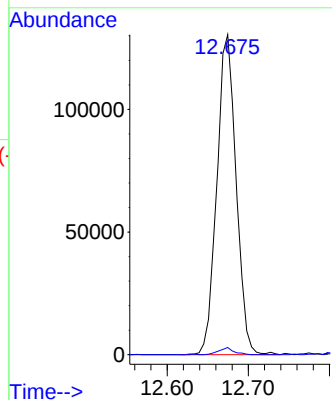
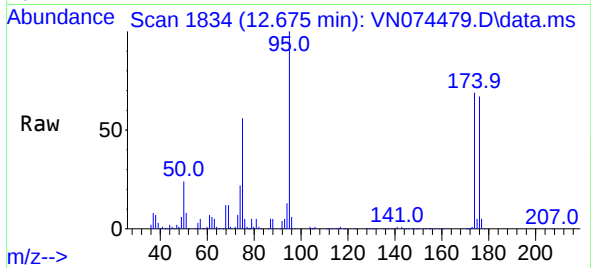




#76
1,2,3-Trichloropropane
Concen: 20.624 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

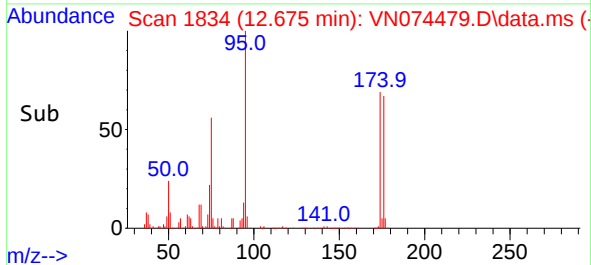
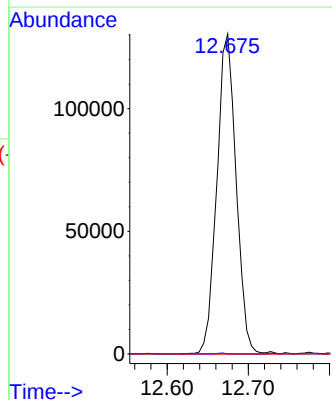
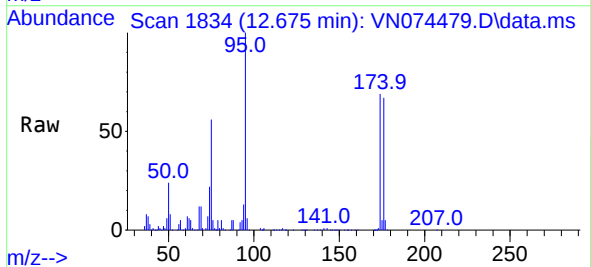
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

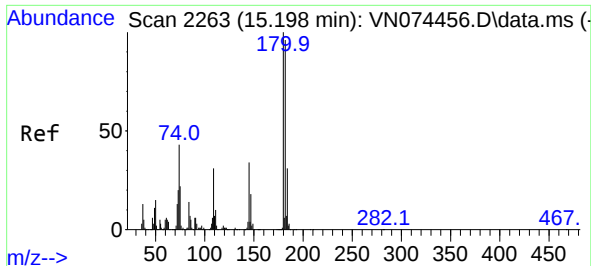
Tgt Ion: 75 Resp: 215455
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.513 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

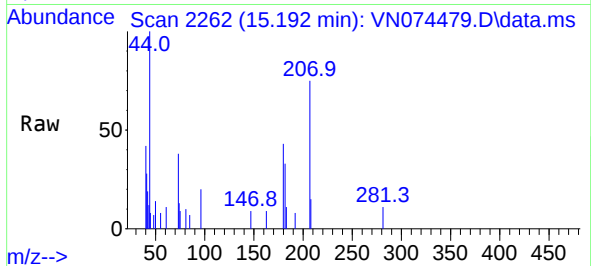
Tgt Ion: 75 Resp: 215455
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



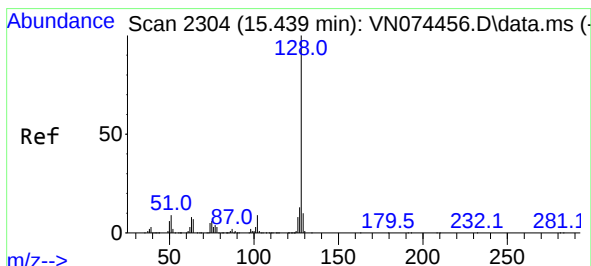
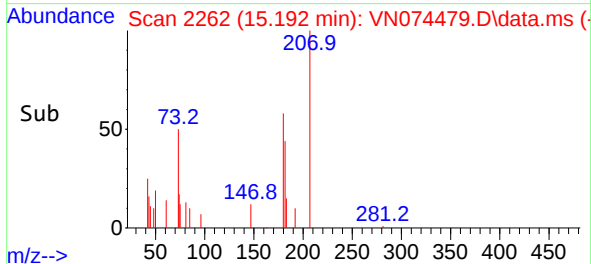
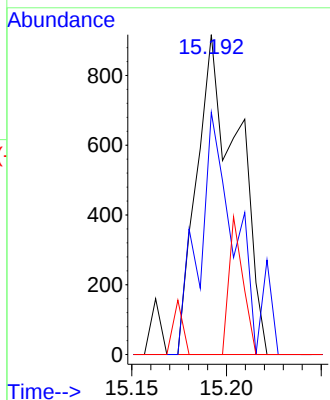


#93
1,2,4-Trichlorobenzene
Concen: 0.205 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBL02

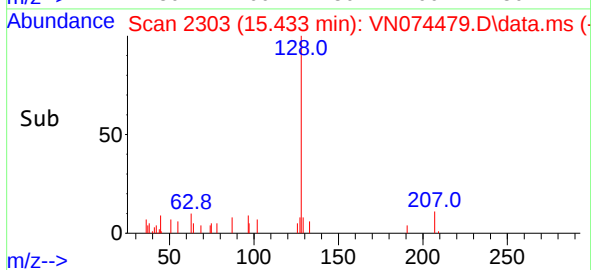
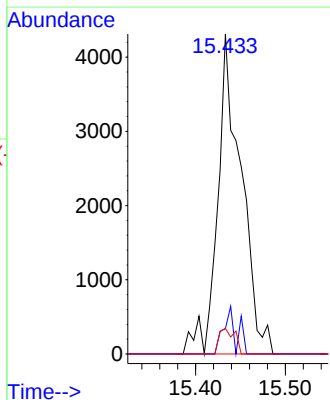
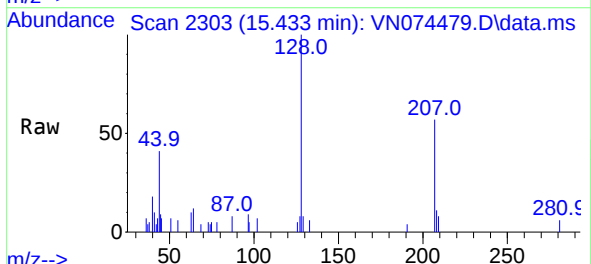


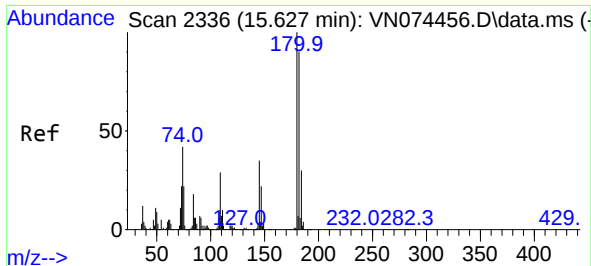
Tgt Ion:180 Resp: 1382
Ion Ratio Lower Upper
180 100
182 68.9 47.5 142.5
145 14.8 14.5 43.5



#95
Naphthalene
Concen: 1.853 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074479.D
Acq: 15 Sep 2022 23:14

Tgt Ion:128 Resp: 7922
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 5.3 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.557 ug/l

RT: 15.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074479.D

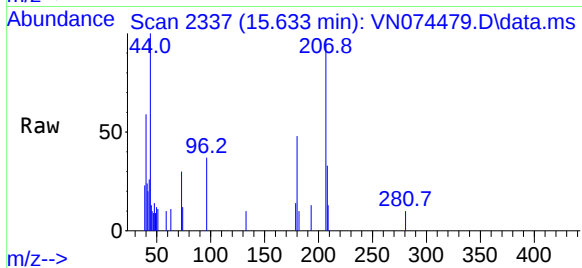
Acq: 15 Sep 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBL02



Tgt Ion:180 Resp: 1579

Ion Ratio Lower Upper

180 100

182 29.4 47.8 143.3#

145 15.3 15.5 46.5#

