

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073022.D
 Acq On : 22 Jun 2022 13:48
 Operator : JC\MD
 Sample : VN0622WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

Quant Time: Jun 23 07:31:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

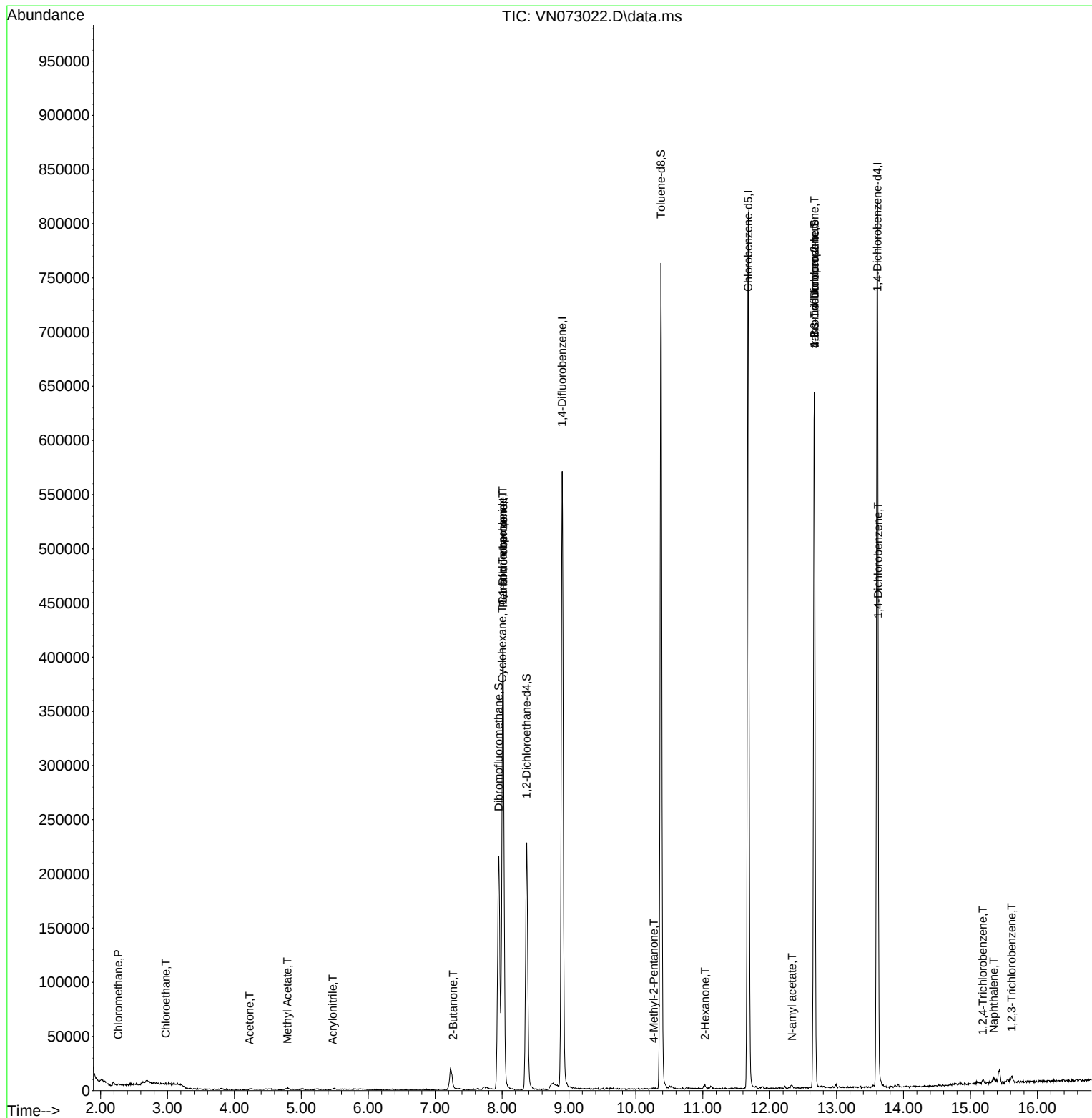
Internal Standards						
1) Pentafluorobenzene	8.016	168	313014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	508036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	459094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	223442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187037	44.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.400%		
35) Dibromofluoromethane	7.951	113	161065	51.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.580%		
50) Toluene-d8	10.375	98	523794	44.828	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.660%		
62) 4-Bromofluorobenzene	12.669	95	225408	53.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.300%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	541	0.736	ug/l #	75
6) Chloroethane	2.975	64	356	0.213	ug/l	96
15) Acrylonitrile	5.469	53	713	0.283	ug/l #	37
16) Acetone	4.228	43	579	0.249	ug/l #	42
18) Methyl Acetate	4.793	43	3451	0.557	ug/l #	74
20) Methylene Chloride	5.016	84	638	Below Cal	#	51
25) 2-Butanone	7.269	43	2185	0.592	ug/l	93
26) 2,2-Dichloropropane	7.239	77	1142	Below Cal	#	53
31) Cyclohexane	8.004	56	6963	1.216	ug/l #	41
36) 1,1-Dichloropropene	8.010	75	23997	5.648	ug/l #	50
38) Carbon Tetrachloride	8.010	117	30780	6.887	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1764	0.278	ug/l #	33
59) 2-Hexanone	11.033	43	3202	0.653	ug/l	89
74) N-amyl acetate	12.333	43	1988	0.222	ug/l #	76
76) 1,2,3-Trichloropropane	12.669	75	117103	21.616	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	117103	58.378	ug/l #	10
88) 1,4-Dichlorobenzene	13.621	146	1608	0.215	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.186	180	1637	0.384	ug/l	82
95) Naphthalene	15.351	128	7276	0.422	ug/l	96
96) 1,2,3-Trichlorobenzene	15.615	180	2676	0.587	ug/l	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073022.D
Acq On : 22 Jun 2022 13:48
Operator : JC\MD
Sample : VN0622WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

Quant Time: Jun 23 07:31:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

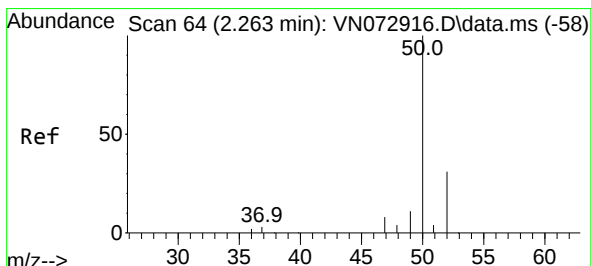
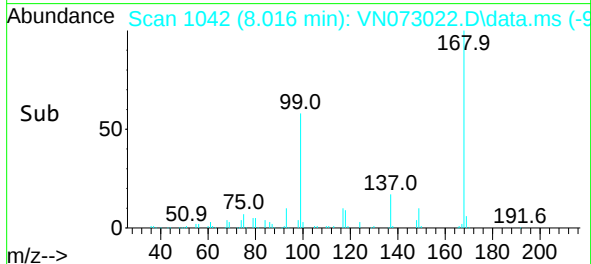
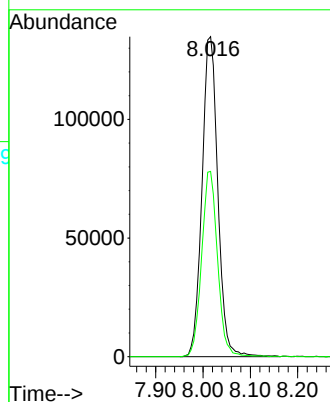
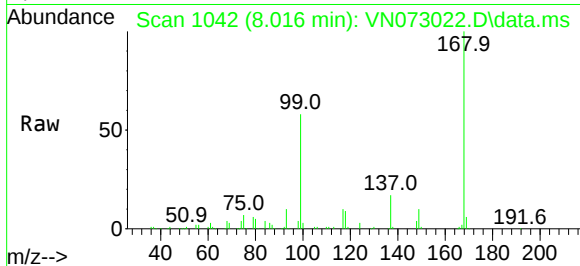




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

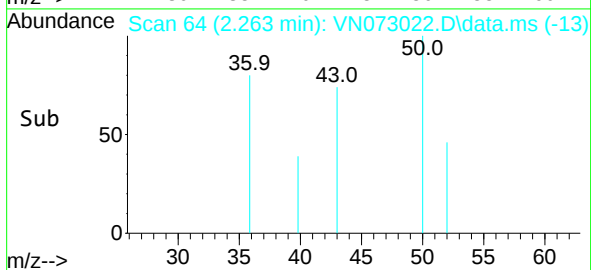
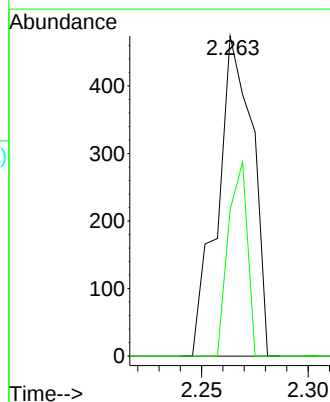
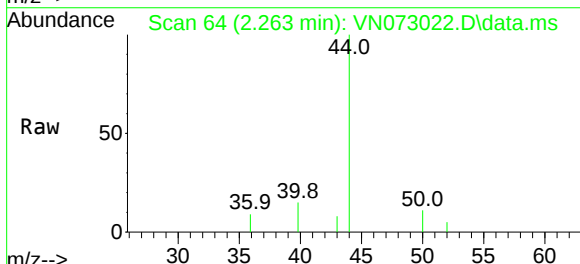
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

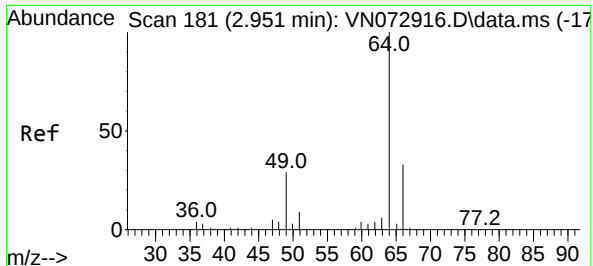
Tgt Ion:168 Resp: 313014
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#3
Chloromethane
Concen: 0.736 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 45.8 25.7 38.5#

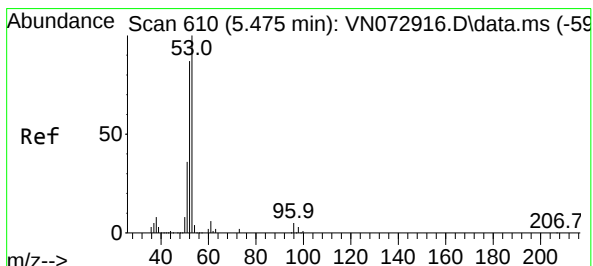
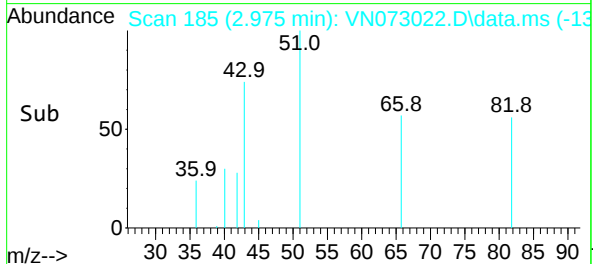
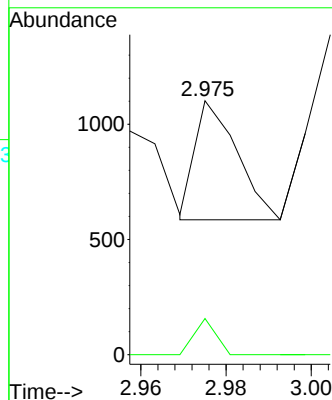
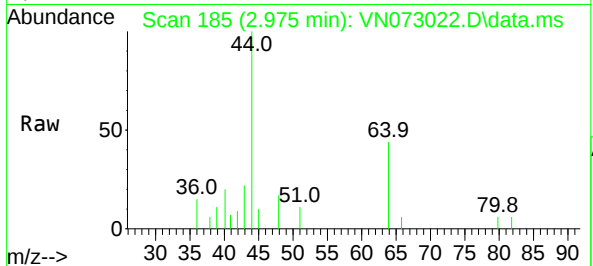




#6
Chloroethane
Concen: 0.213 ug/l
RT: 2.975 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

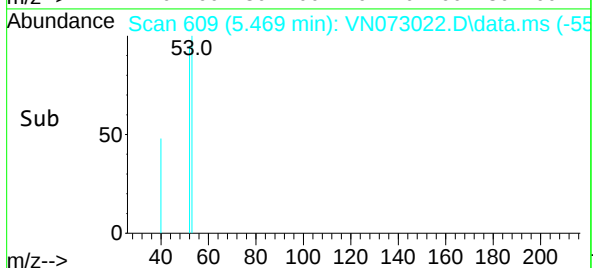
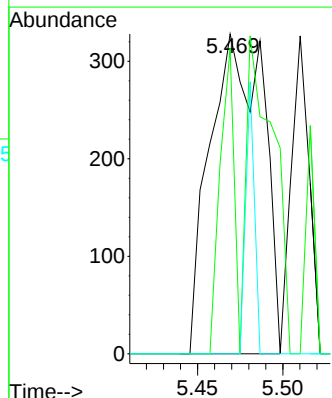
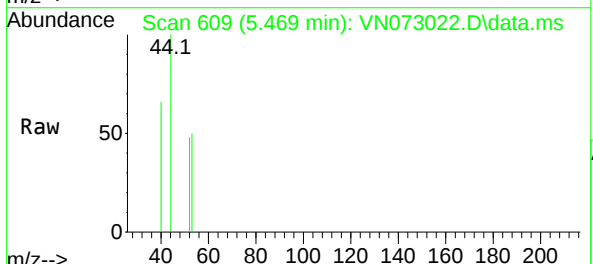
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

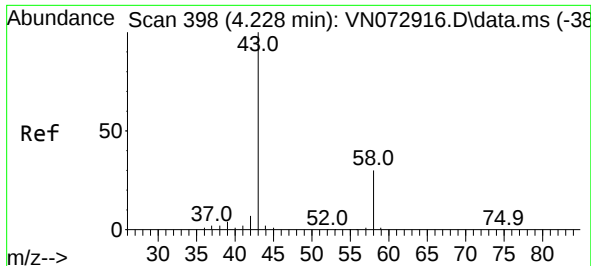
Tgt Ion: 64 Resp: 356
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4



#15
Acrylonitrile
Concen: 0.283 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 53 Resp: 713
Ion Ratio Lower Upper
53 100
52 25.1 66.4 99.6#
51 0.0 28.5 42.7#





#16

Acetone

Concen: 0.249 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN073022.D

Acq: 22 Jun 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

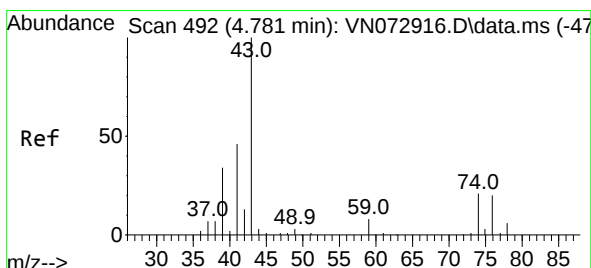
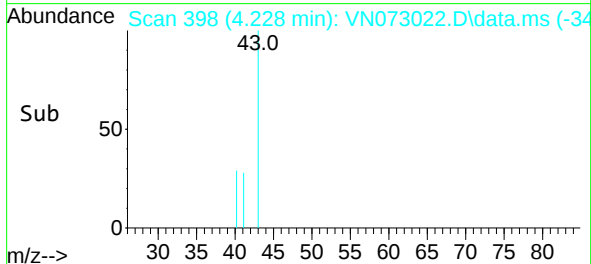
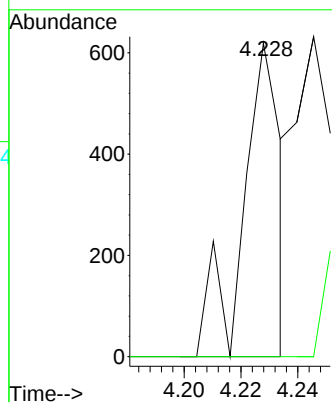
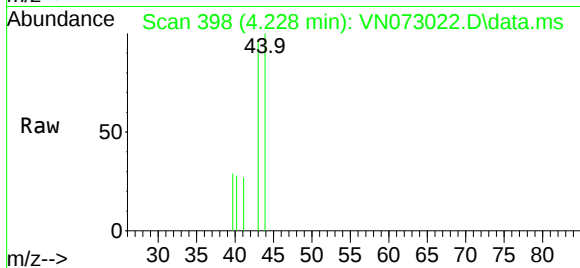
VN0622WBL01

Tgt Ion: 43 Resp: 579

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#18

Methyl Acetate

Concen: 0.557 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073022.D

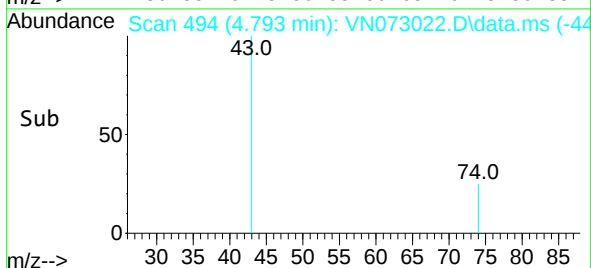
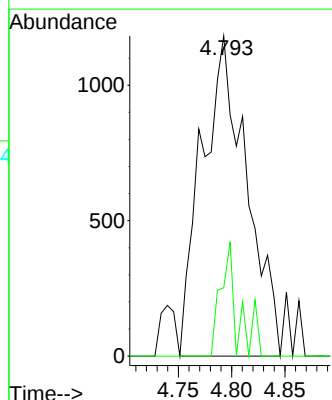
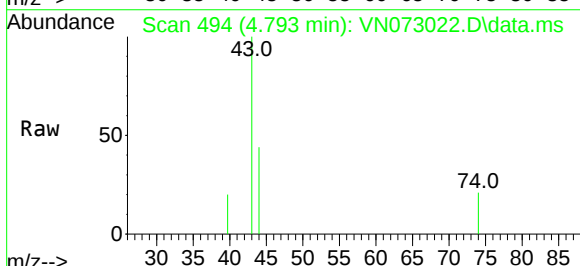
Acq: 22 Jun 2022 13:48

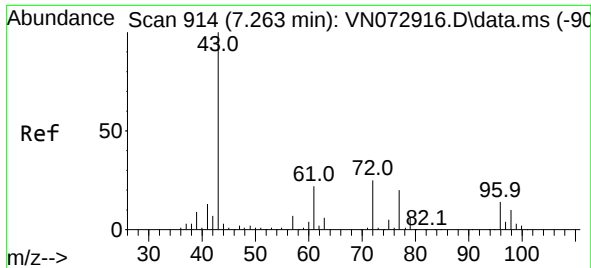
Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

74 13.6 21.6 32.4#

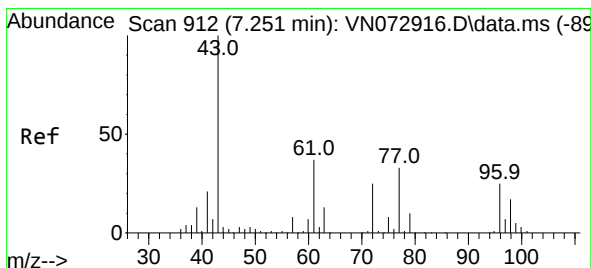
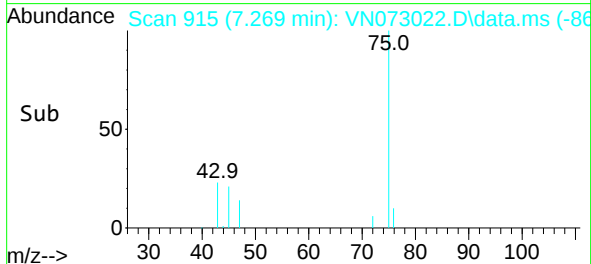
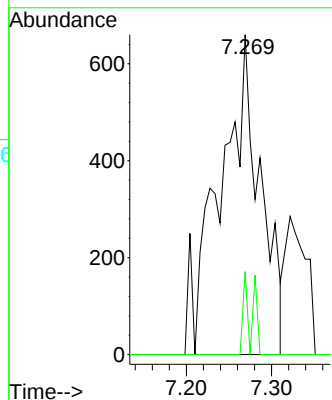
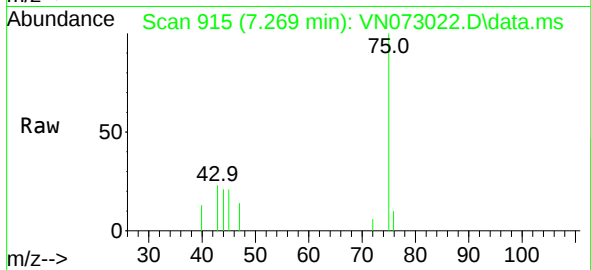




#25
2-Butanone
Concen: 0.592 ug/l
RT: 7.269 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

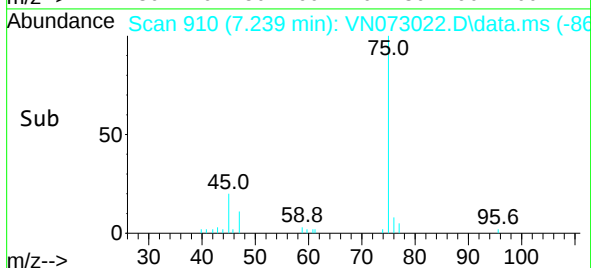
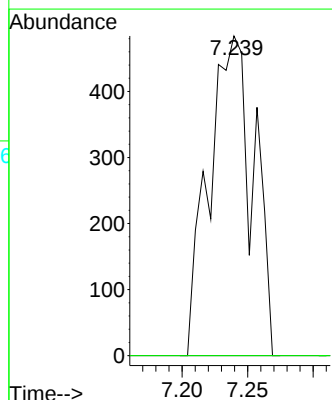
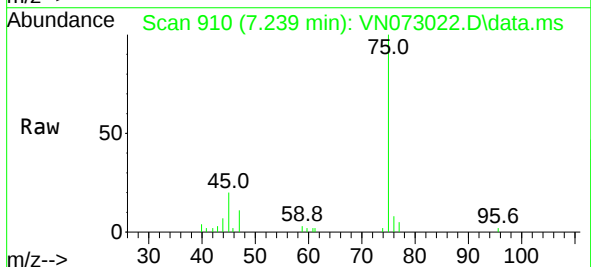
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

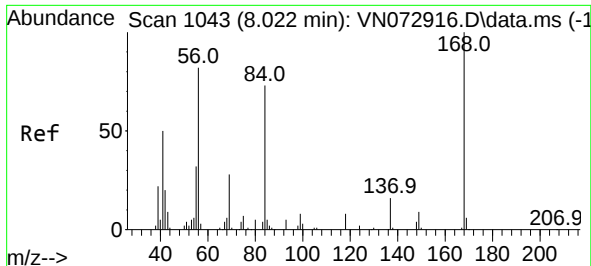
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
72 25.9 23.7 35.5



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 77 Resp: 1142
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#31

Cyclohexane

Concen: 1.216 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.018 min

Lab File: VN073022.D

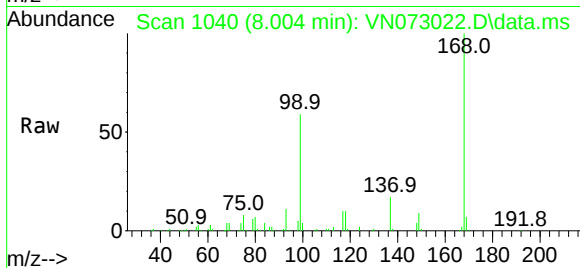
Acq: 22 Jun 2022 13:48

Instrument :

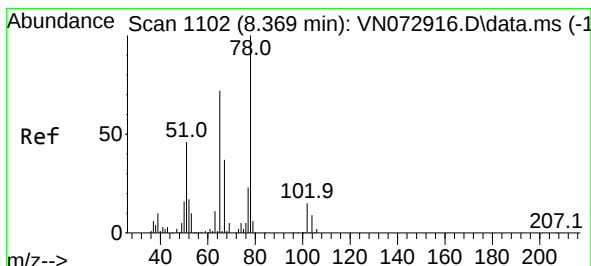
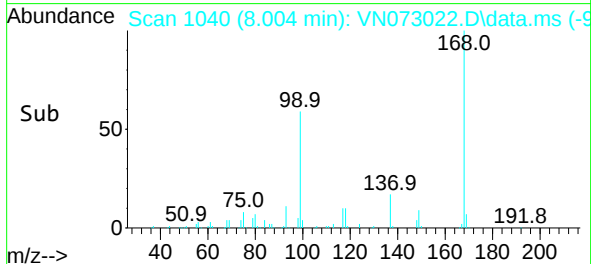
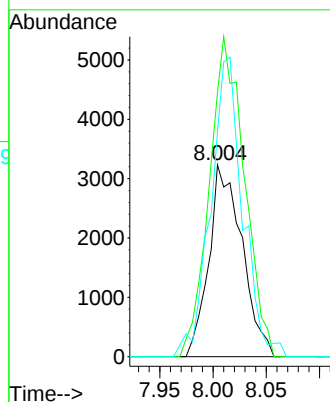
MSVOA_N

ClientSampleId :

VN0622WBL01



Tgt Ion:	56	Resp:	6963
Ion Ratio	Lower	Upper	
56	100		
69	137.5	27.8	41.8#
84	111.3	76.9	115.3



#33

1,2-Dichloroethane-d4

Concen: 44.197 ug/l

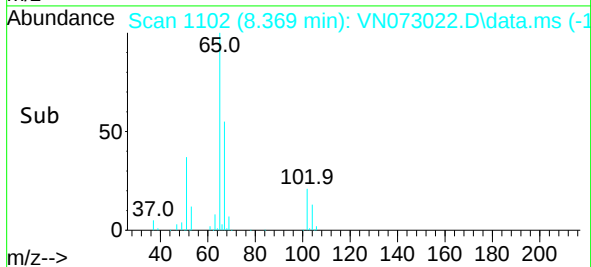
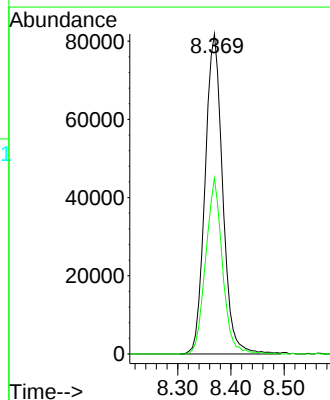
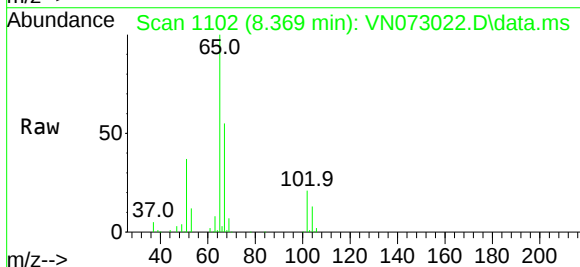
RT: 8.369 min Scan# 1102

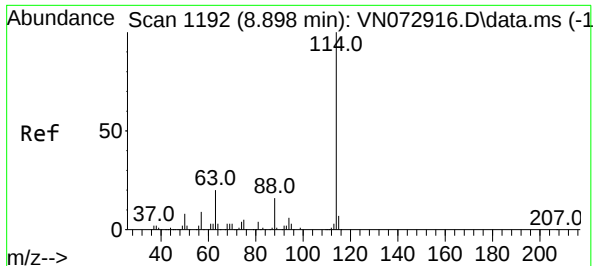
Delta R.T. 0.000 min

Lab File: VN073022.D

Acq: 22 Jun 2022 13:48

Tgt Ion:	65	Resp:	187037
Ion Ratio	Lower	Upper	
65	100		
67	52.4	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073022.D

Acq: 22 Jun 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL01

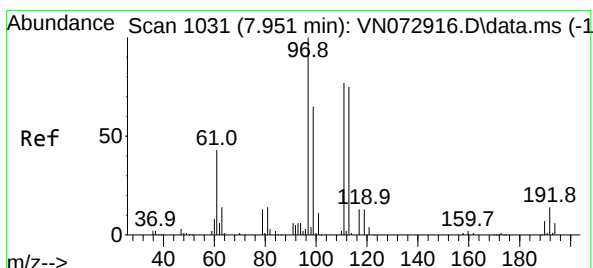
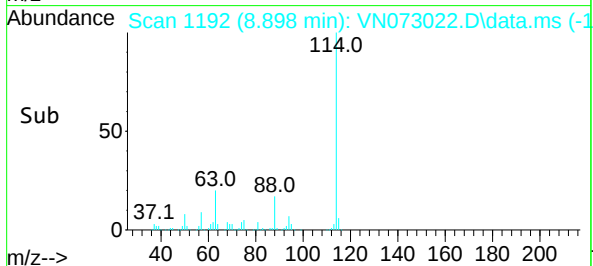
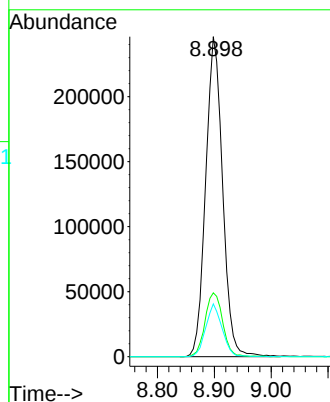
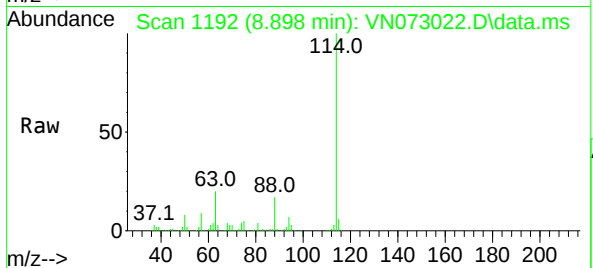
Tgt Ion:114 Resp: 508036

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.293 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073022.D

Acq: 22 Jun 2022 13:48

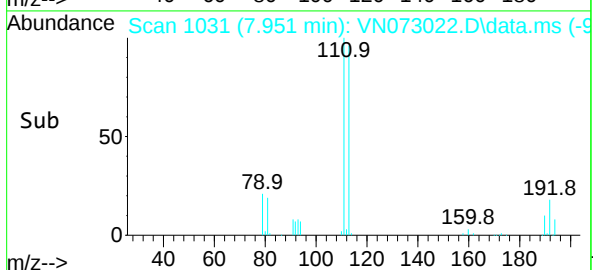
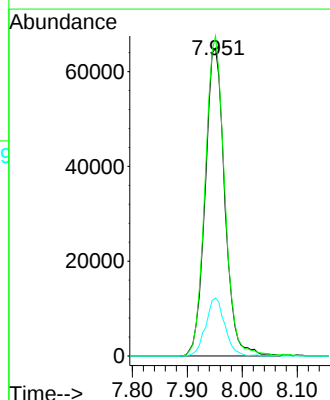
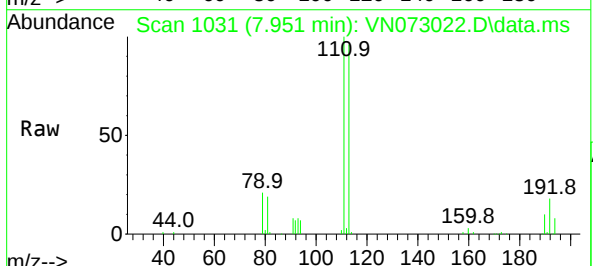
Tgt Ion:113 Resp: 161065

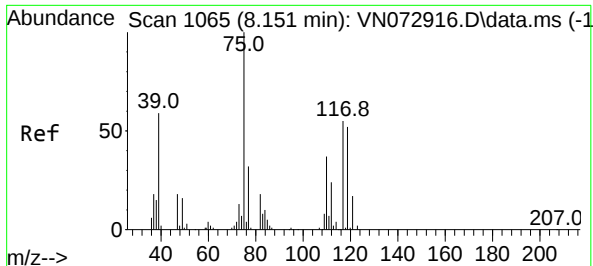
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.648 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073022.D

Acq: 22 Jun 2022 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL01

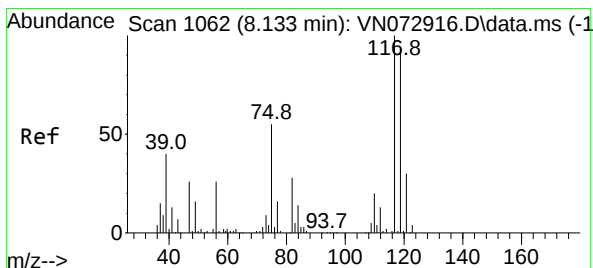
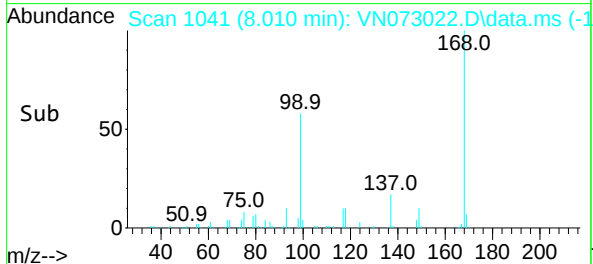
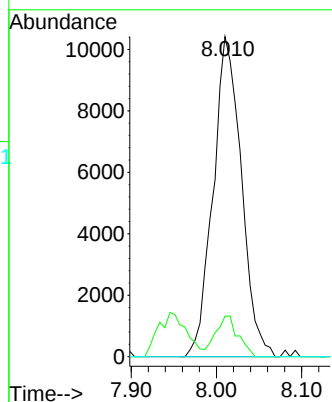
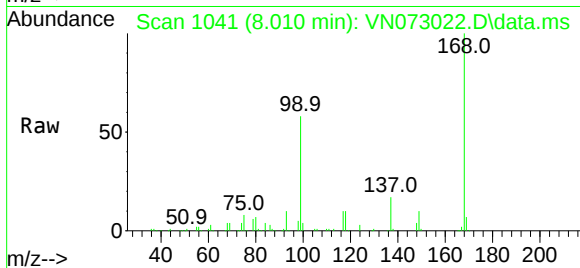
Tgt Ion: 75 Resp: 23997

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.887 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.123 min

Lab File: VN073022.D

Acq: 22 Jun 2022 13:48

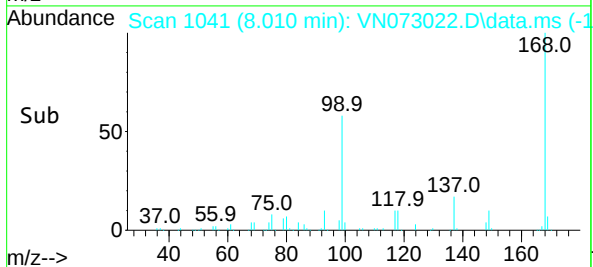
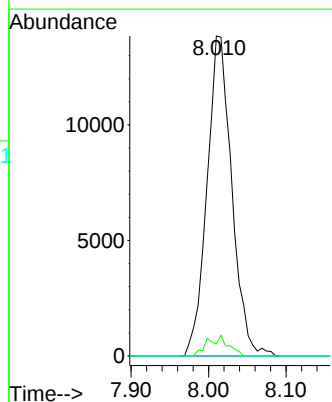
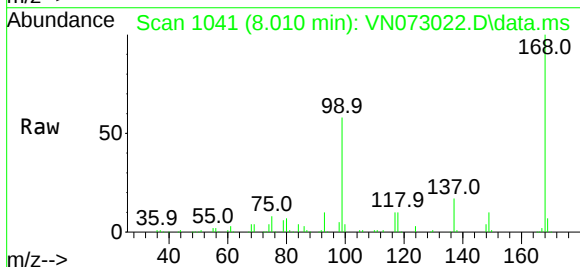
Tgt Ion: 117 Resp: 30780

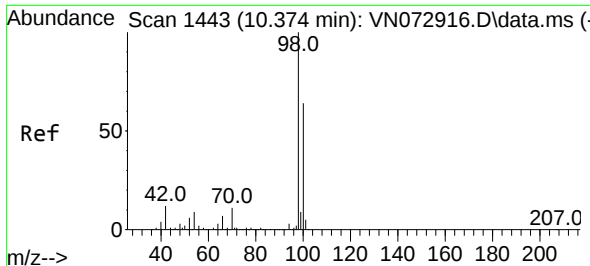
Ion Ratio Lower Upper

117 100

119 3.8 75.8 113.8#

121 0.0 24.6 37.0#

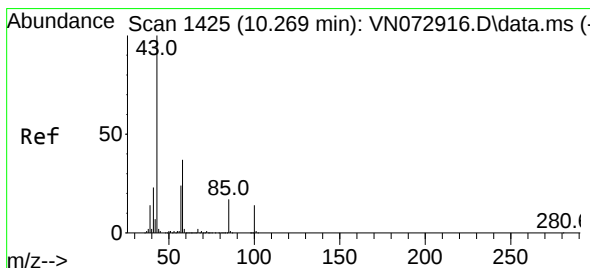
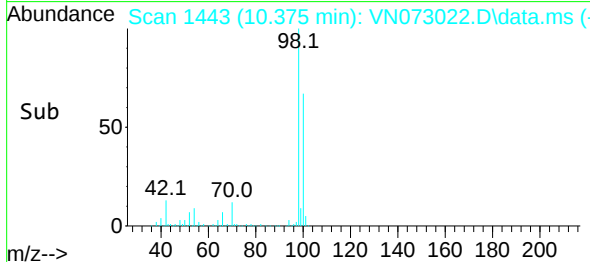
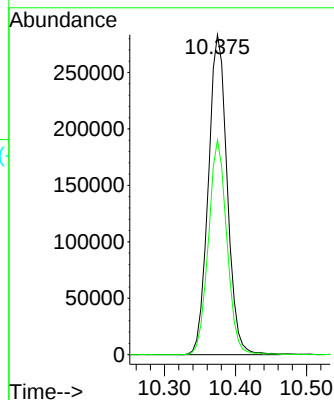
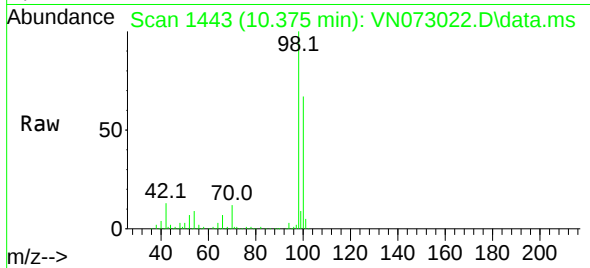




#50
Toluene-d8
Concen: 44.828 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

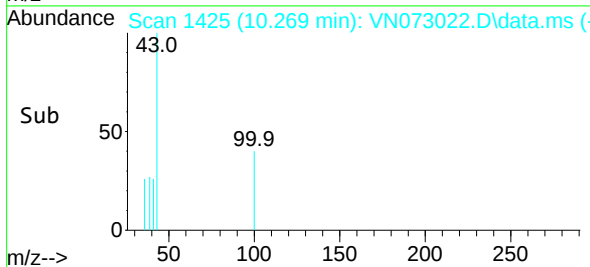
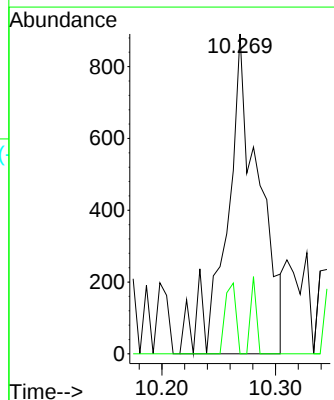
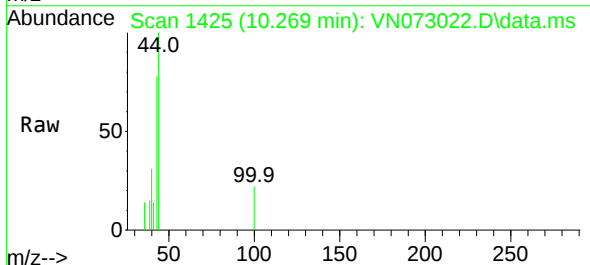
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

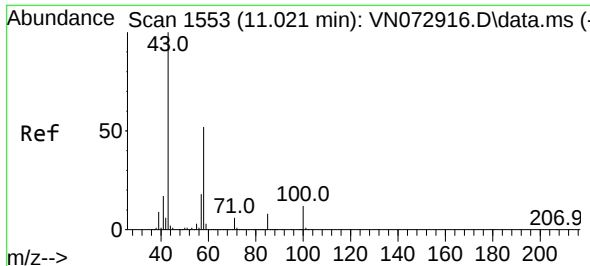
Tgt Ion: 98 Resp: 523794
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.278 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 43 Resp: 1764
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#

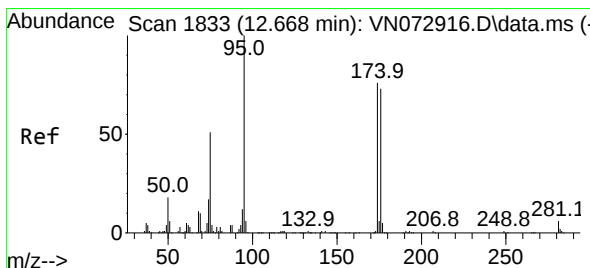
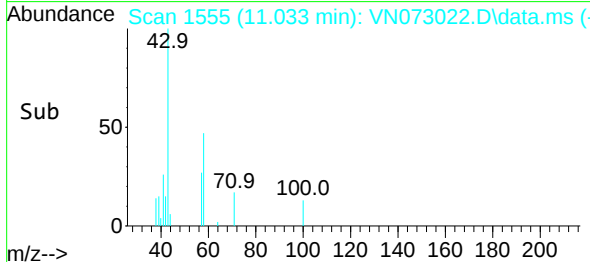
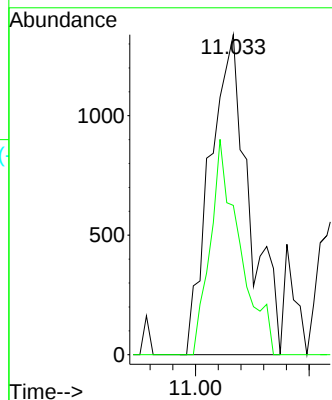
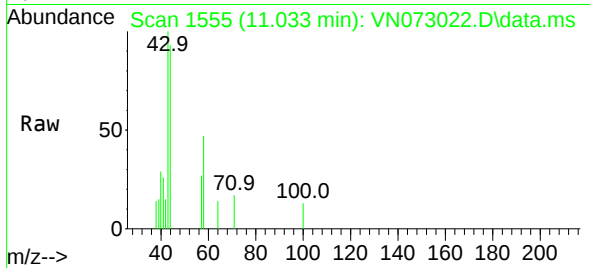




#59
2-Hexanone
Concen: 0.653 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.012 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

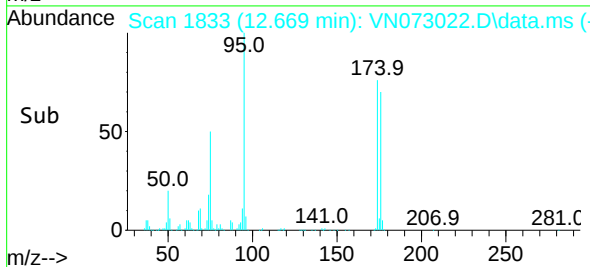
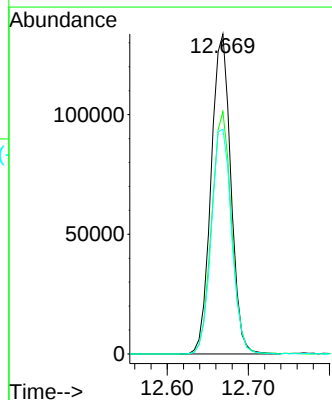
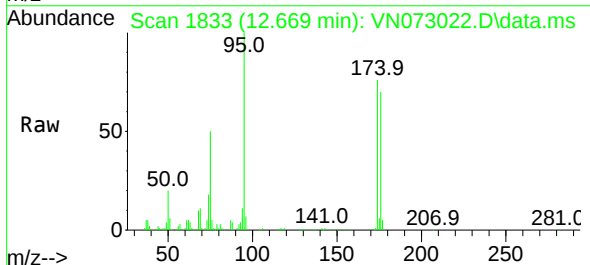
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

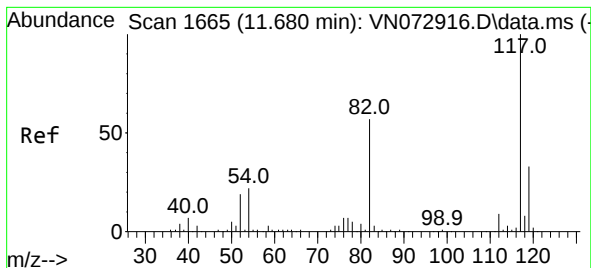
Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
58 50.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 53.649 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 95 Resp: 225408
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 72.4 0.0 163.4

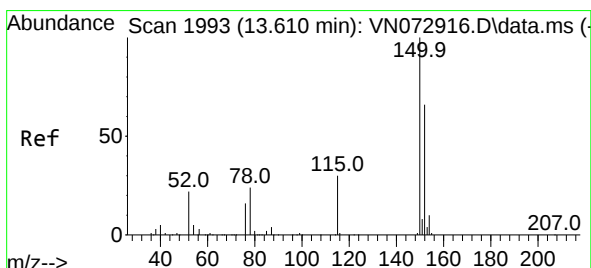
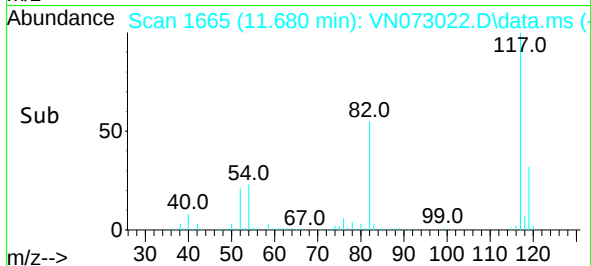
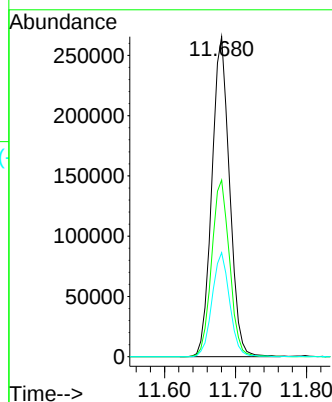
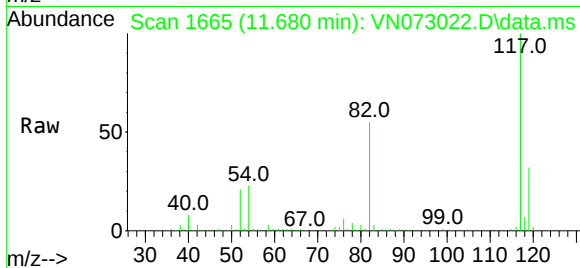




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

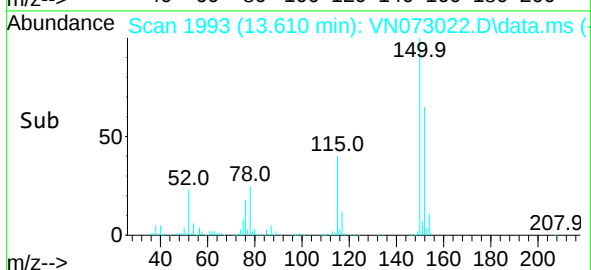
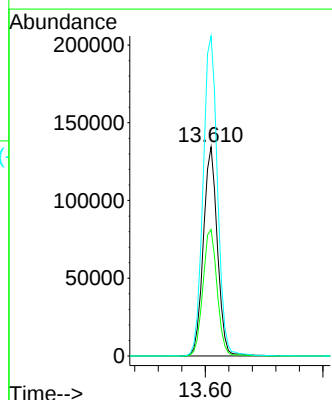
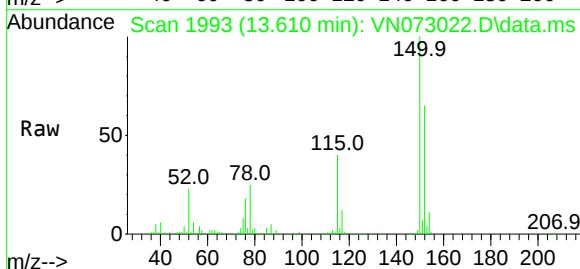
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

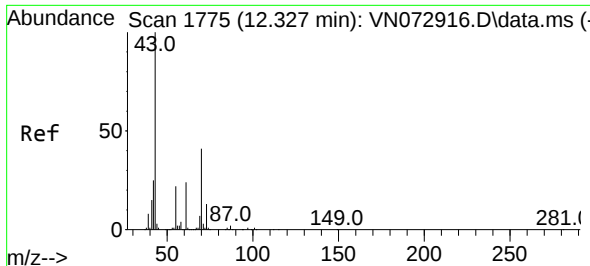
Tgt Ion:117 Resp: 459094
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion:152 Resp: 223442
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 156.9 0.0 356.2

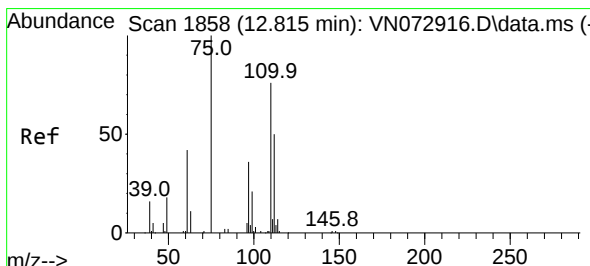
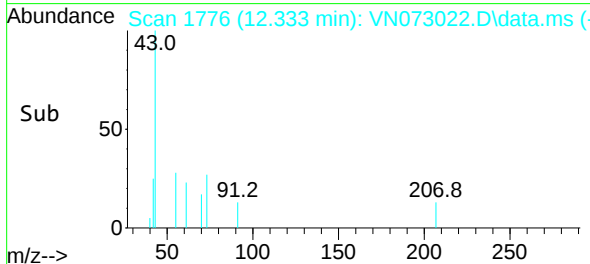
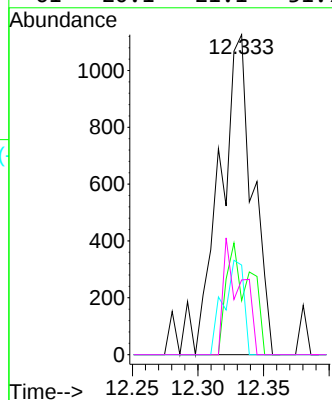
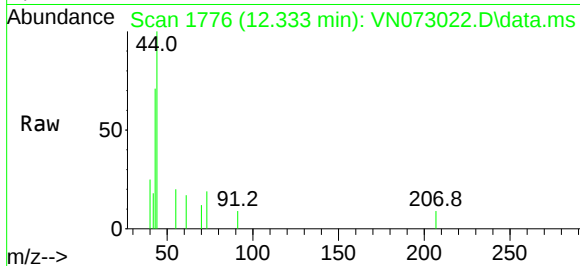




#74
N-amy1 acetate
Concen: 0.222 ug/l
RT: 12.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

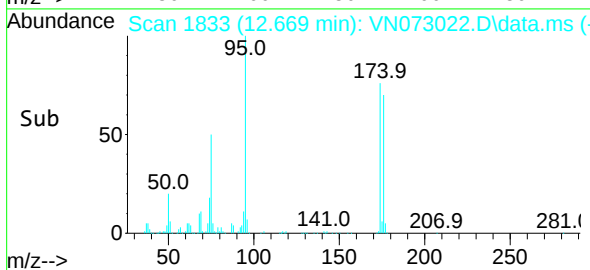
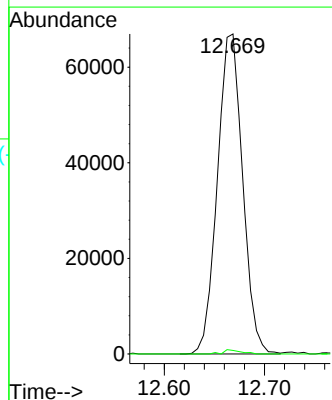
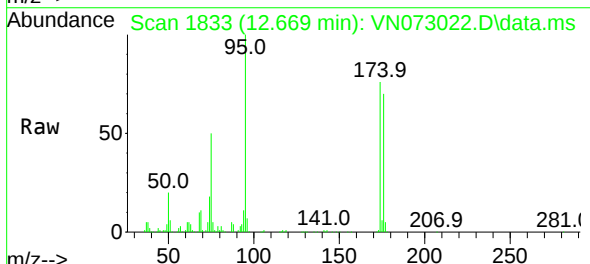
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

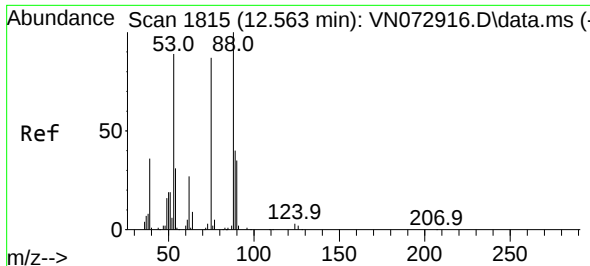
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
70 25.1 39.0 58.4#
55 17.9 21.1 31.7#
61 20.1 21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 21.616 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 75 Resp: 117103
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#

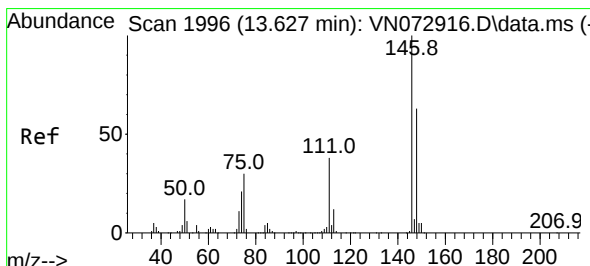
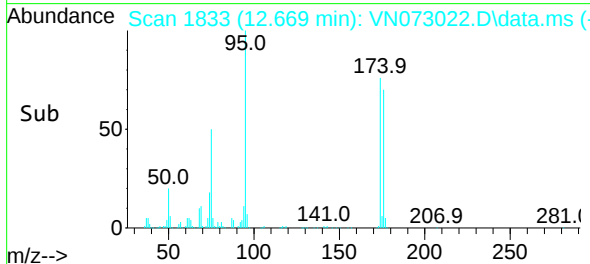
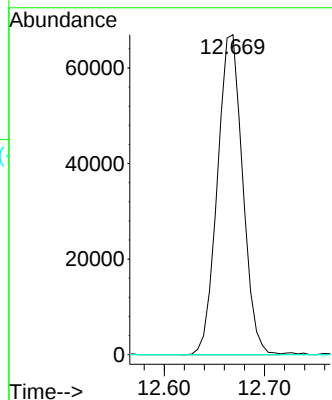
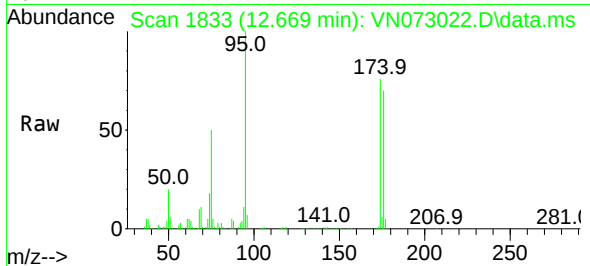




#81
trans-1,4-Dichloro-2-butene
Concen: 58.378 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

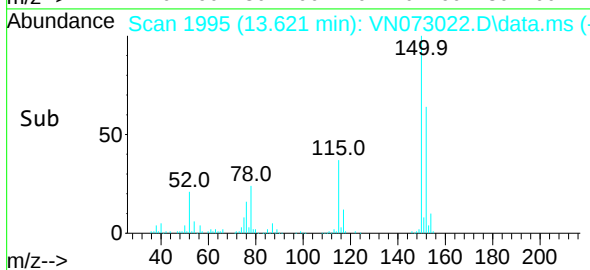
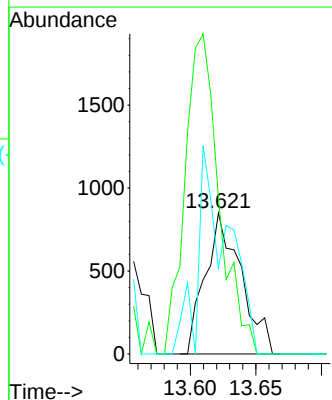
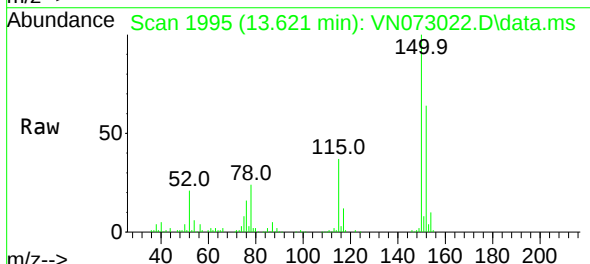
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

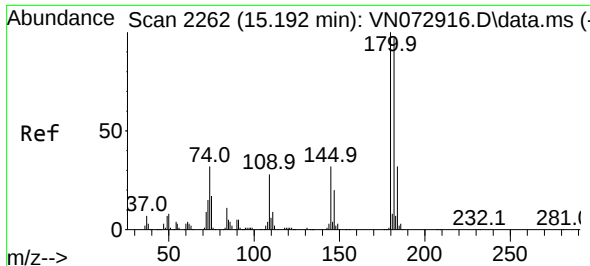
Tgt Ion: 75 Resp: 117103
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#88
1,4-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.621 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 146 Resp: 1608
Ion Ratio Lower Upper
146 100
111 217.0 19.1 57.1#
148 72.9 31.4 94.3

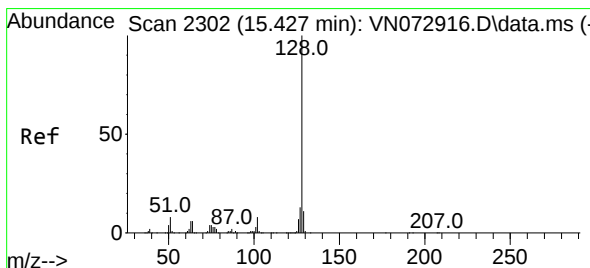
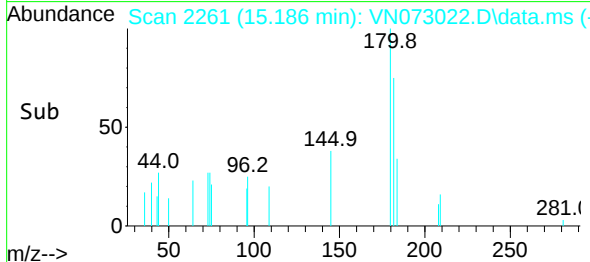
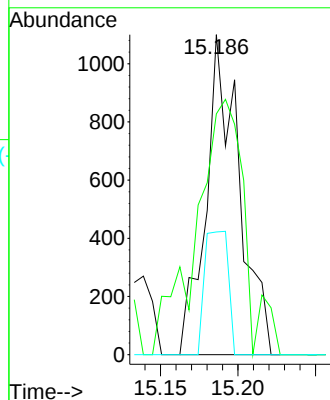
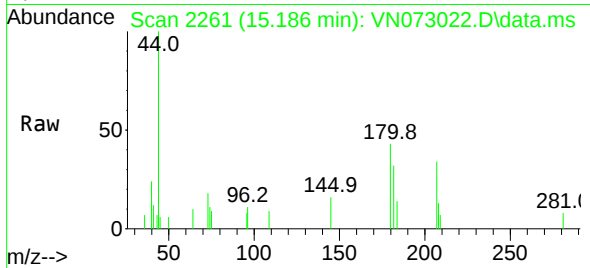




#93
1,2,4-Trichlorobenzene
Concen: 0.384 ug/l
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

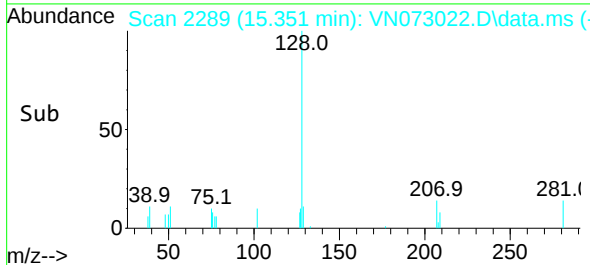
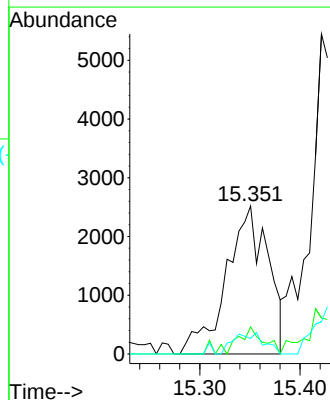
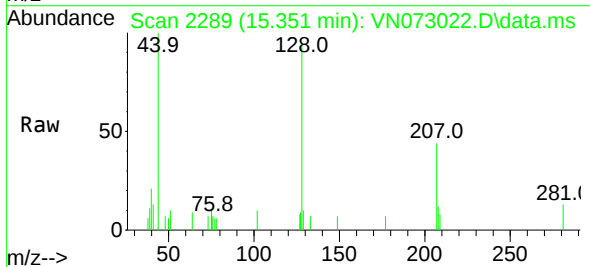
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

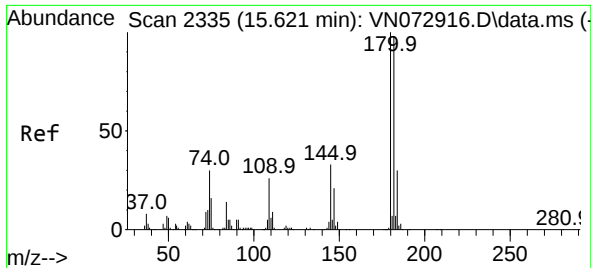
Tgt Ion:180 Resp: 1637
Ion Ratio Lower Upper
180 100
182 116.9 47.5 142.5
145 27.2 14.5 43.5



#95
Naphthalene
Concen: 0.422 ug/l
RT: 15.351 min Scan# 2289
Delta R.T. -0.076 min
Lab File: VN073022.D
Acq: 22 Jun 2022 13:48

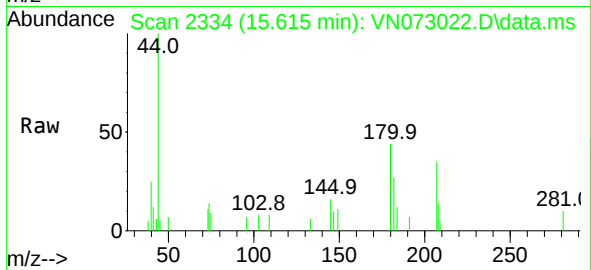
Tgt Ion:128 Resp: 7276
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 10.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.587 ug/l
 RT: 15.615 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN073022.D
 Acq: 22 Jun 2022 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01



Tgt Ion:	180	Resp:	2676
Ion	Ratio	Lower	Upper
180	100		
182	89.8	47.8	143.3
145	27.3	15.5	46.5

