

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072095.D
 Acq On : 20 Apr 2022 23:05
 Operator : JC\MD
 Sample : VN0420WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 21 03:37:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

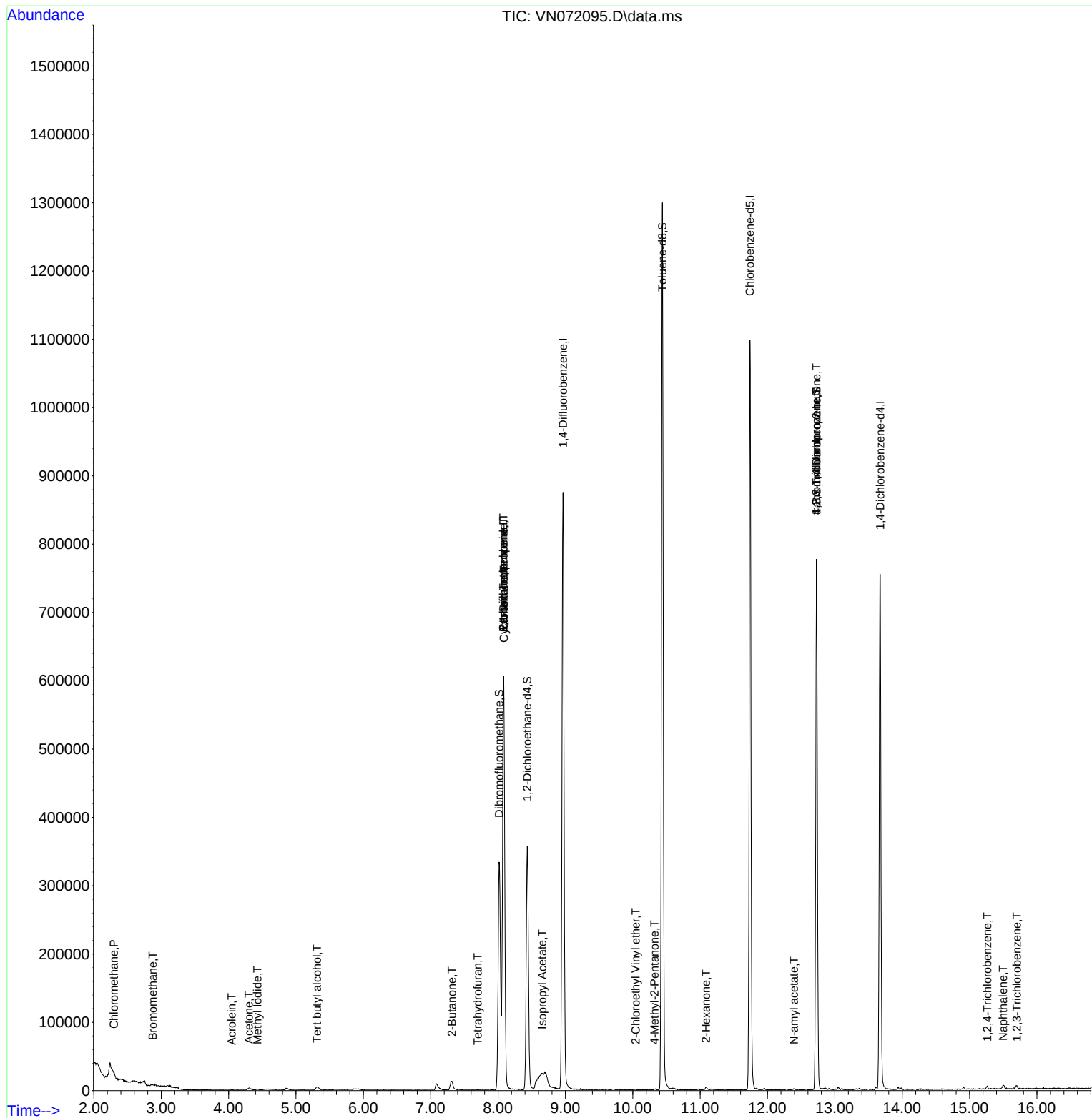
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	511792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	832980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	687669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	234569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	294861	50.467	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.940%	
35) Dibromofluoromethane	8.016	113	253275	51.672	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.340%	
50) Toluene-d8	10.439	98	948195	47.288	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.580%	
62) 4-Bromofluorobenzene	12.727	95	269768	41.599	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 83.200%	
Target Compounds						Qvalue
3) Chloromethane	2.299	50	1688	0.327	ug/l	95
5) Bromomethane	2.875	94	2026	0.550	ug/l #	73
10) Methyl Iodide	4.428	142	1958	0.316	ug/l #	61
11) Tert butyl alcohol	5.310	59	4585	4.836	ug/l #	72
13) Acrolein	4.046	56	427	0.369	ug/l #	64
16) Acetone	4.299	43	2247	0.900	ug/l #	42
18) Methyl Acetate	4.857	43	5820	Below Cal	#	67
25) 2-Butanone	7.316	43	787	0.219	ug/l #	45
29) Tetrahydrofuran	7.698	42	816	0.350	ug/l #	34
31) Cyclohexane	8.087	56	8360	1.052	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	34275	5.007	ug/l #	49
38) Carbon Tetrachloride	8.081	117	44736	6.669	ug/l #	17
43) Isopropyl Acetate	8.657	43	43393	3.482	ug/l #	53
51) 4-Methyl-2-Pentanone	10.322	43	1651	0.230	ug/l #	57
58) 2-Chloroethyl Vinyl ether	10.045	63	316	17.086	ug/l #	44
59) 2-Hexanone	11.086	43	3170	0.628	ug/l	67
74) N-amyl acetate	12.392	43	1351	0.239	ug/l #	68
76) 1,2,3-Trichloropropane	12.727	75	130825	24.075	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	130825	74.609	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.263	180	1723	2.528	ug/l	90
95) Naphthalene	15.498	128	7445	4.447	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.704	180	2317	3.024	ug/l	96

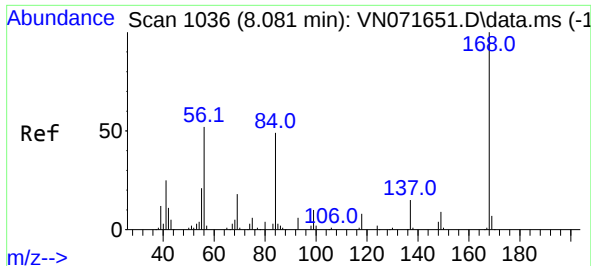
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072095.D
Acq On : 20 Apr 2022 23:05
Operator : JC\MD
Sample : VN0420WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

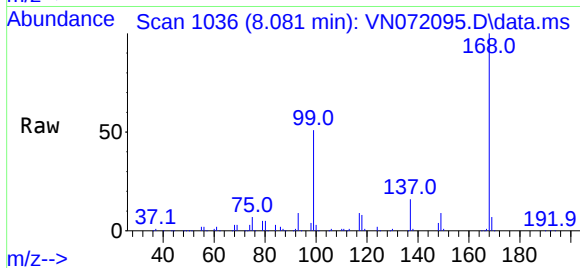
Quant Time: Apr 21 03:37:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
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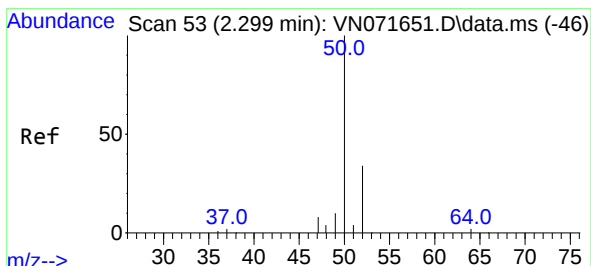
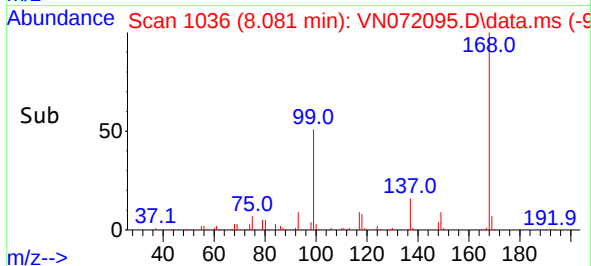
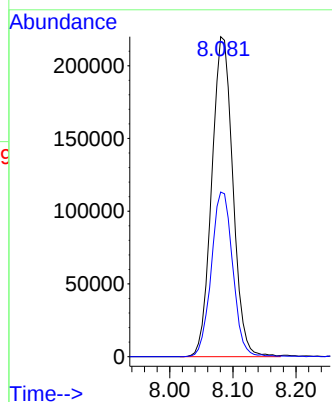


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Instrument :
MSVOA_N
ClientSampleId :

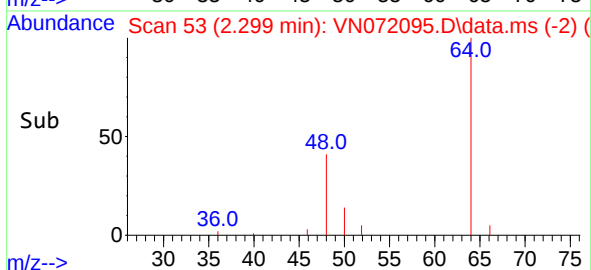
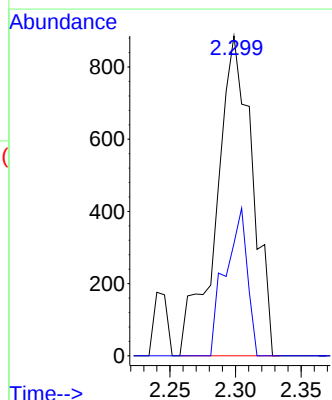
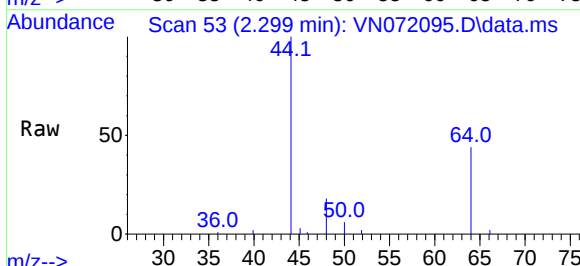


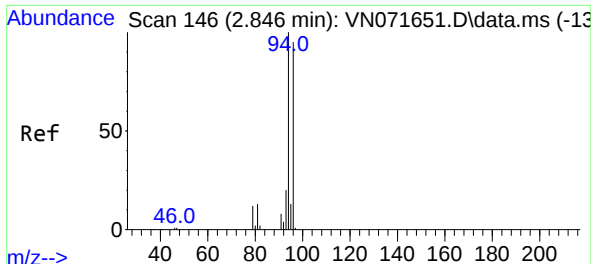
Tgt Ion:168 Resp: 511792
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion: 50 Resp: 1688
Ion Ratio Lower Upper
50 100
52 35.1 25.7 38.5

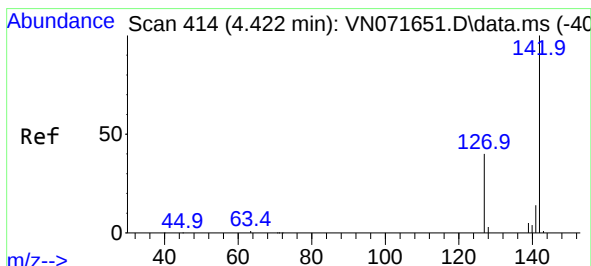
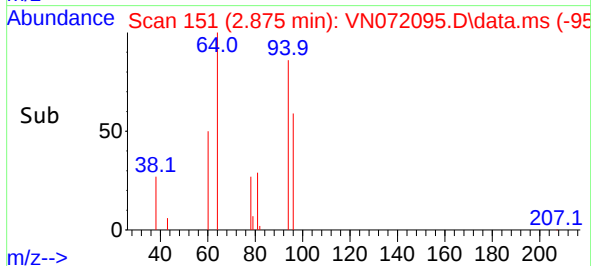
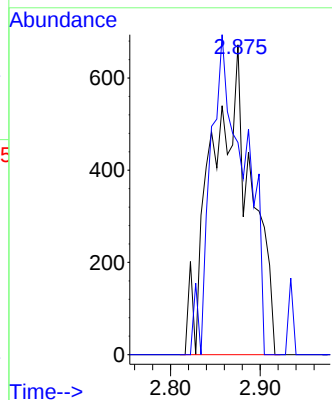
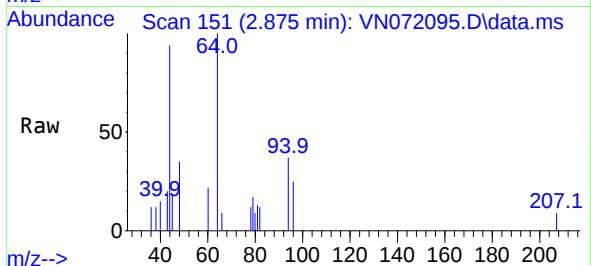




#5
Bromomethane
Concen: 0.550 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

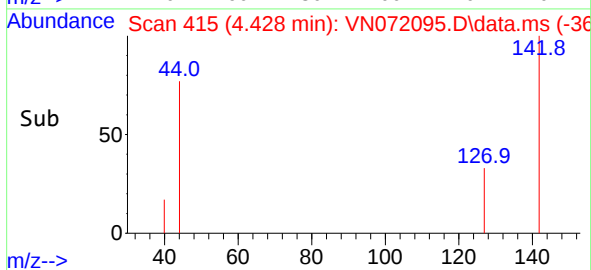
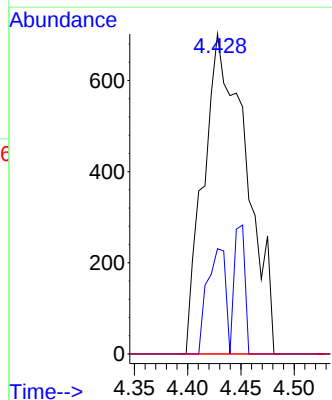
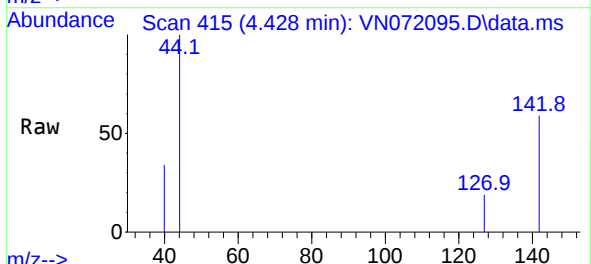
Instrument :
MSVOA_N
ClientSampleId :

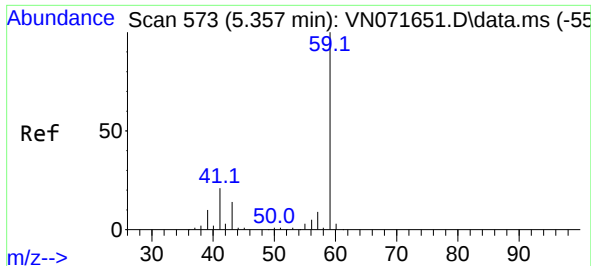
Tgt Ion: 94 Resp: 2026
Ion Ratio Lower Upper
94 100
96 68.5 76.0 114.0#



#10
Methyl Iodide
Concen: 0.316 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion: 142 Resp: 1958
Ion Ratio Lower Upper
142 100
127 14.1 31.3 46.9#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 4.836 ug/l

RT: 5.310 min Scan# 5

Delta R.T. -0.047 min

Lab File: VN072095.D

Acq: 20 Apr 2022 23:05

Instrument :

MSVOA_N

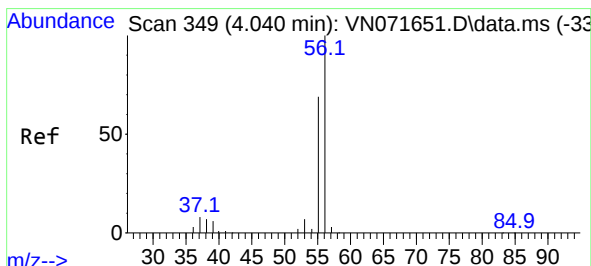
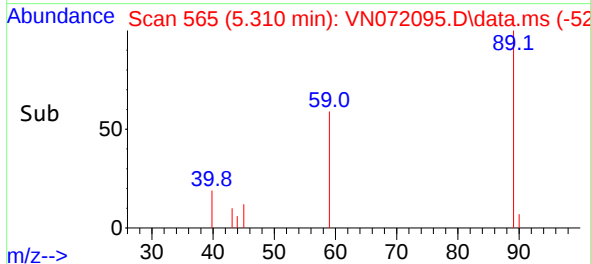
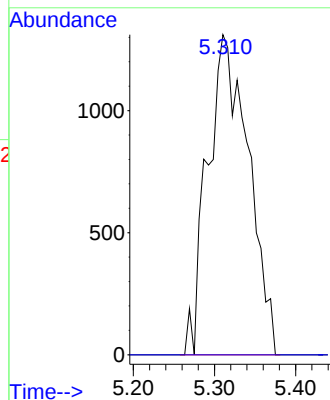
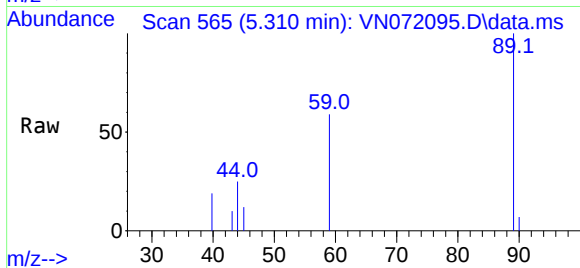
ClientSampleId :

Tgt Ion: 59 Resp: 4585

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.369 ug/l

RT: 4.046 min Scan# 350

Delta R.T. 0.006 min

Lab File: VN072095.D

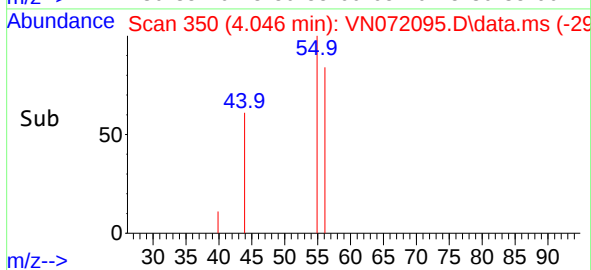
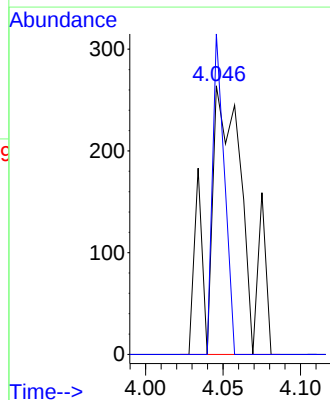
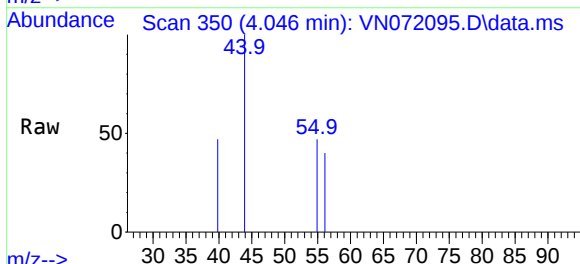
Acq: 20 Apr 2022 23:05

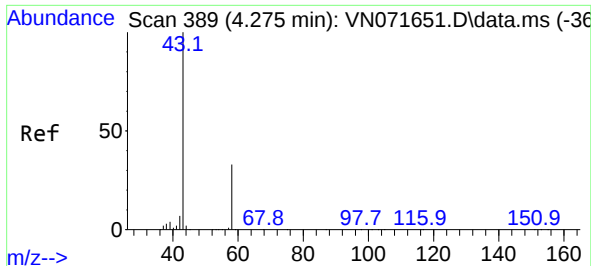
Tgt Ion: 56 Resp: 427

Ion Ratio Lower Upper

56 100

55 39.3 54.8 82.2#

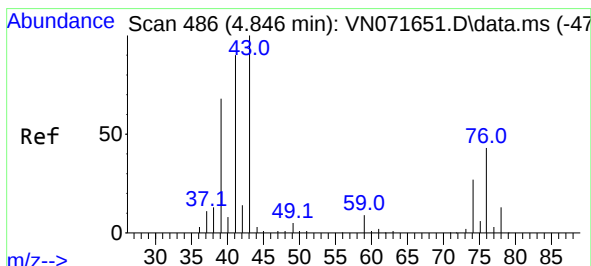
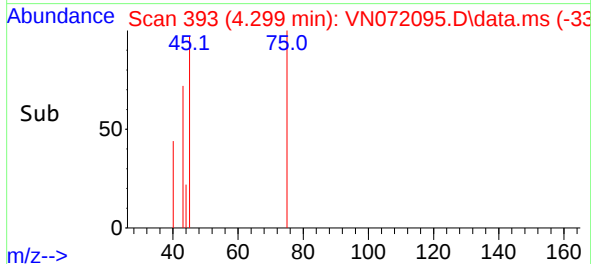
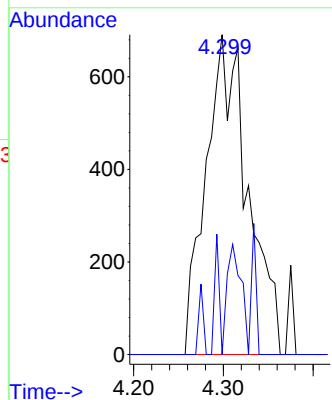
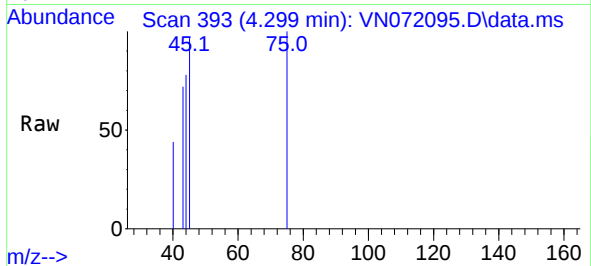




#16
Acetone
Concen: 0.900 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

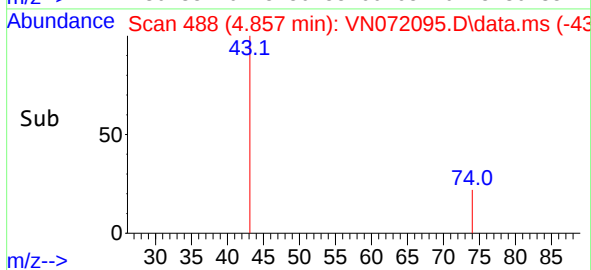
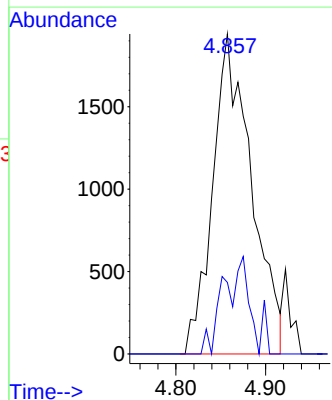
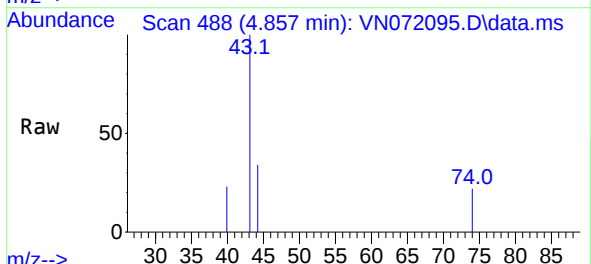
Instrument :
MSVOA_N
ClientSampleId :

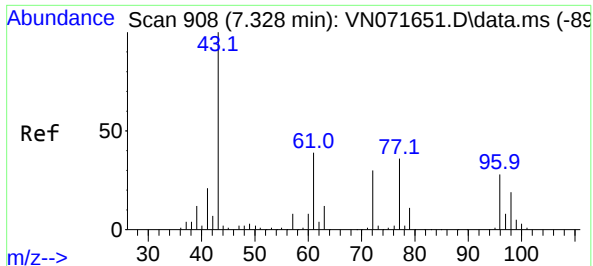
Tgt Ion: 43 Resp: 2247
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion: 43 Resp: 5820
Ion Ratio Lower Upper
43 100
74 9.8 21.6 32.4#

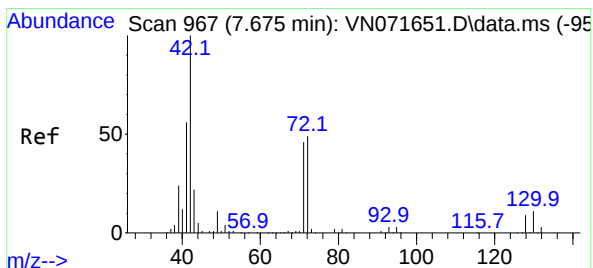
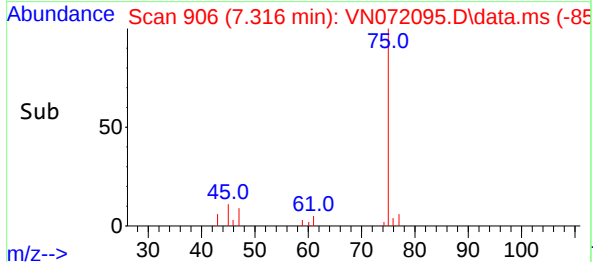
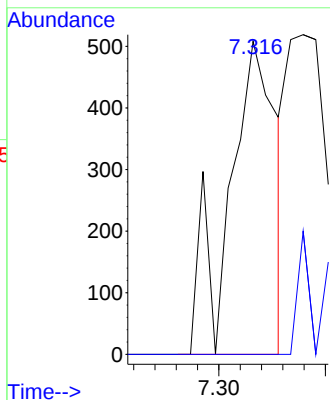
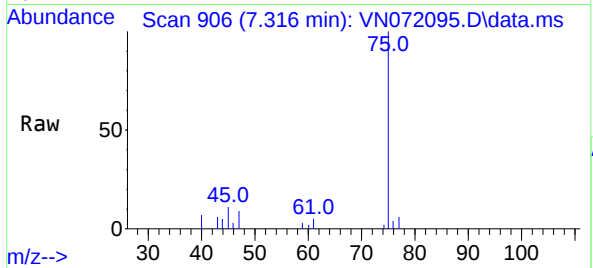




#25
2-Butanone
Concen: 0.219 ug/l
RT: 7.316 min Scan# 908
Delta R.T. -0.012 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

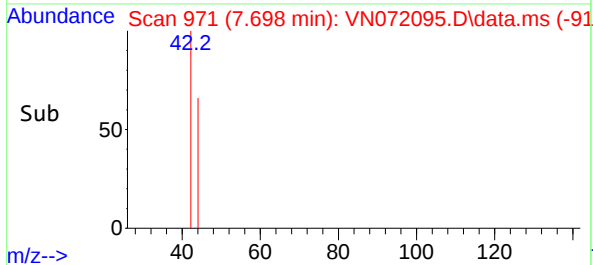
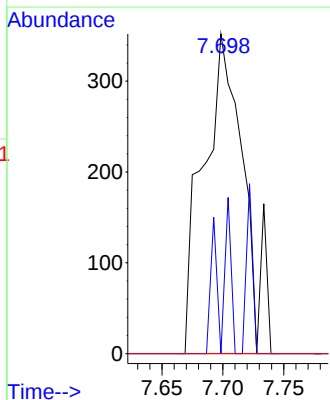
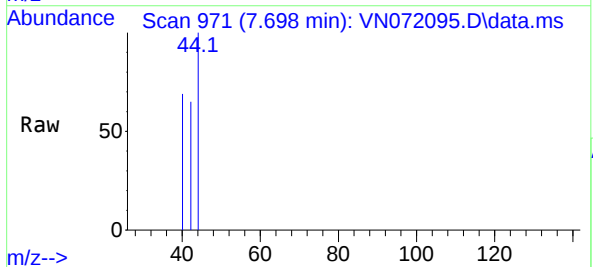
Instrument :
MSVOA_N
ClientSampleId :

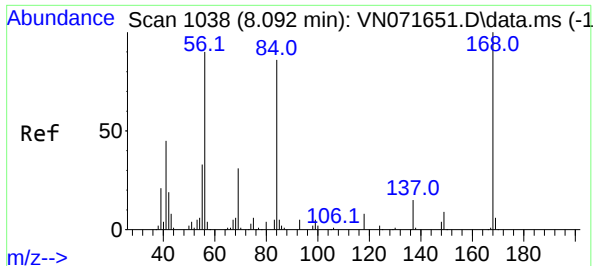
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.350 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.023 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

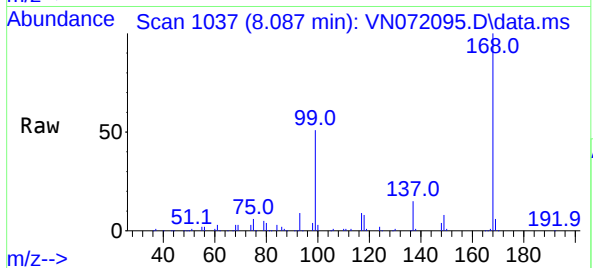
Tgt Ion: 42 Resp: 816
Ion Ratio Lower Upper
42 100
72 6.5 39.7 59.5#
71 0.0 36.6 55.0#



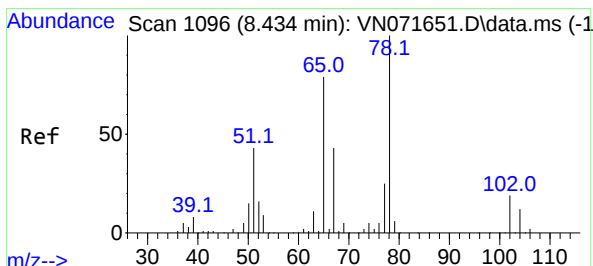
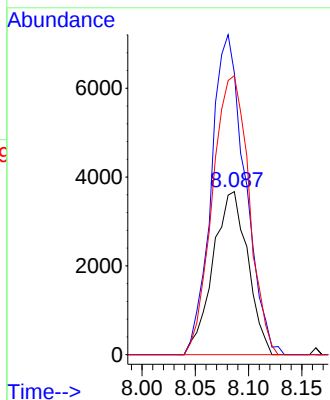
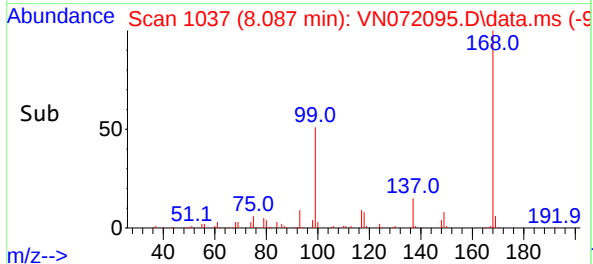


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Instrument :
MSVOA_N
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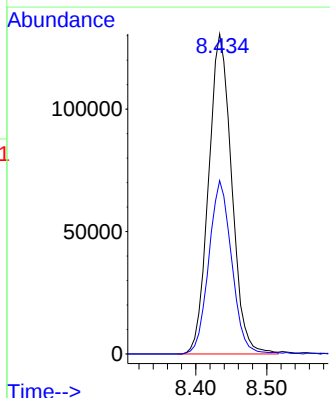
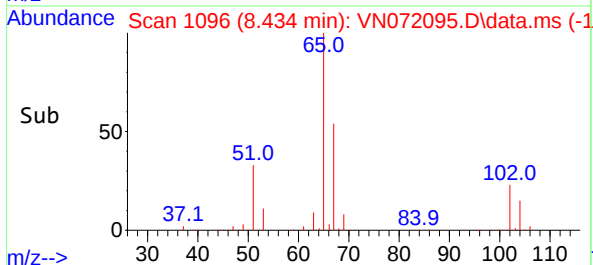
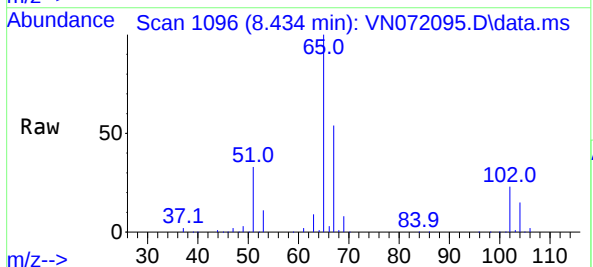


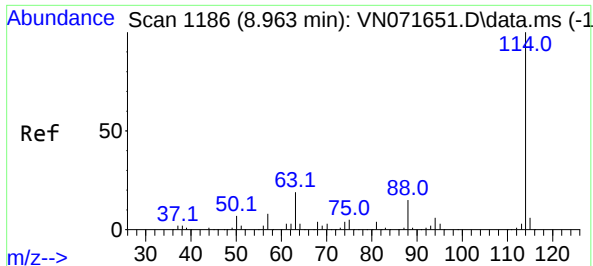
Tgt Ion: 56 Resp: 8360
Ion Ratio Lower Upper
56 100
69 172.7 27.8 41.8#
84 171.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.467 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion: 65 Resp: 294861
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

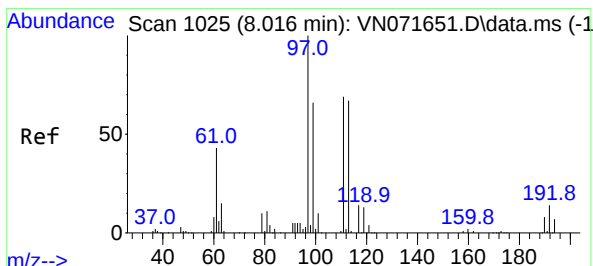
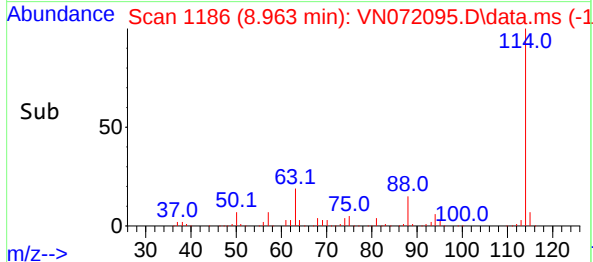
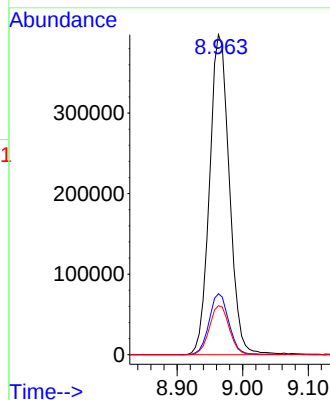
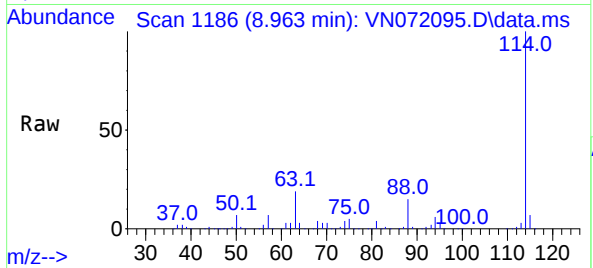




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

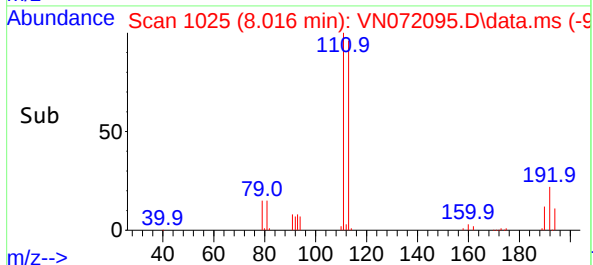
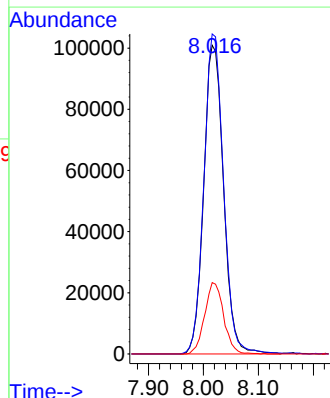
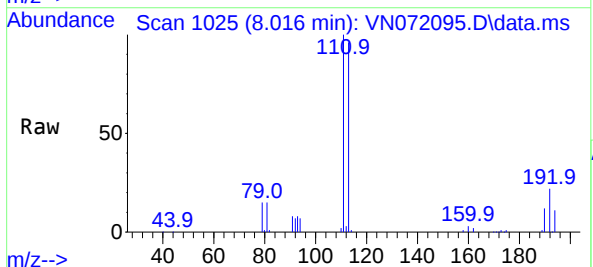
Instrument :
MSVOA_N
ClientSampleId :

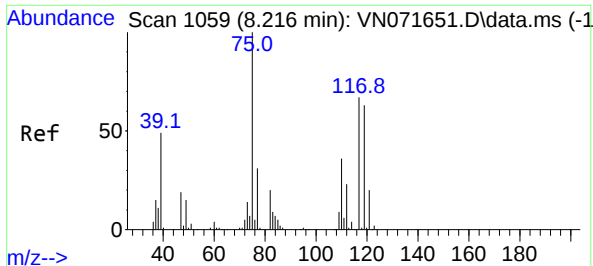
Tgt Ion:114 Resp: 832980
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.672 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion:113 Resp: 253275
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.007 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072095.D

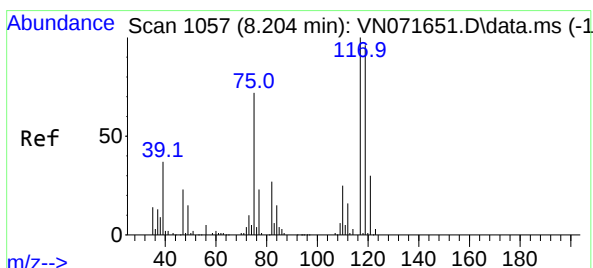
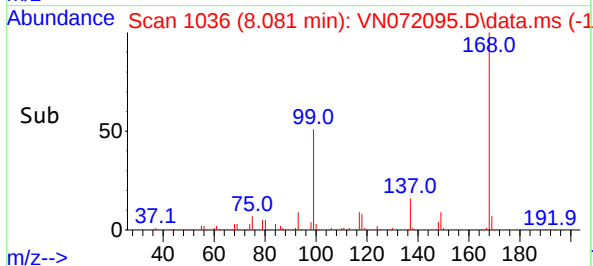
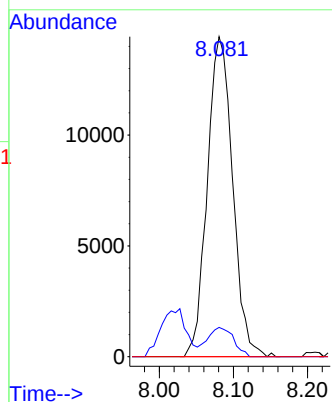
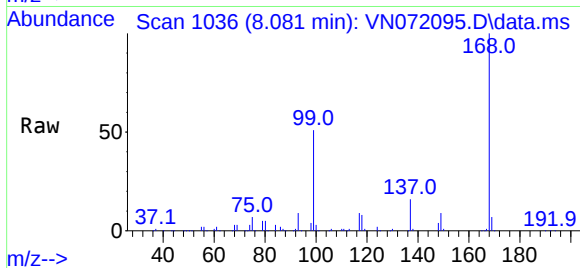
Acq: 20 Apr 2022 23:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 34275
Ion Ratio	Lower Upper
75	100
110	9.4 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.669 ug/l

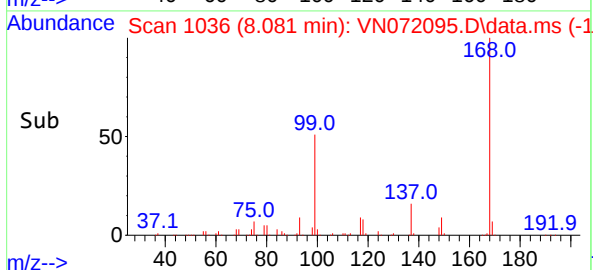
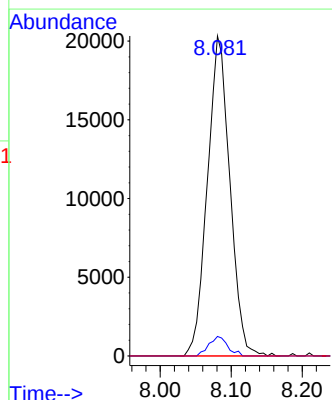
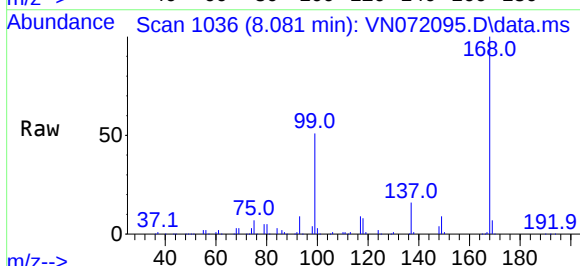
RT: 8.081 min Scan# 1036

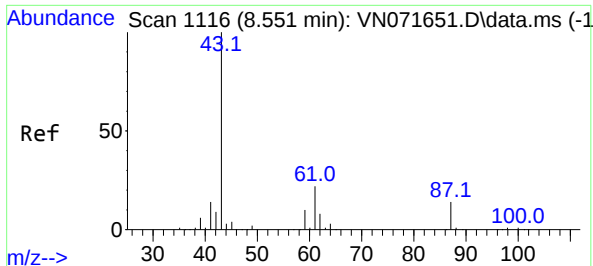
Delta R.T. -0.123 min

Lab File: VN072095.D

Acq: 20 Apr 2022 23:05

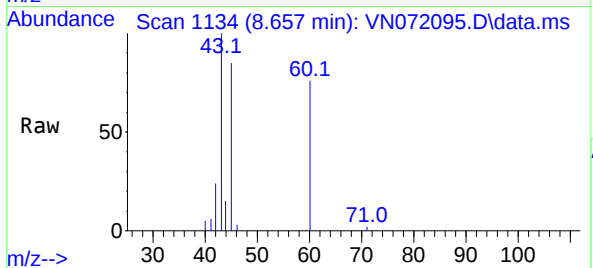
Tgt Ion: 117	Resp: 44736
Ion Ratio	Lower Upper
117	100
119	6.1 75.8 113.8#
121	0.0 24.6 37.0#



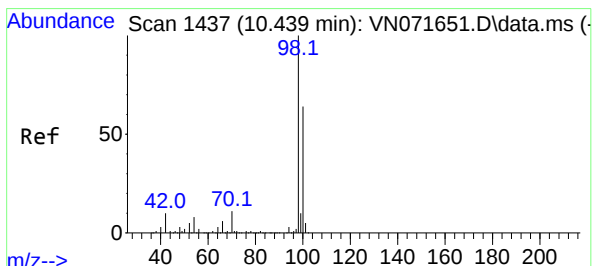
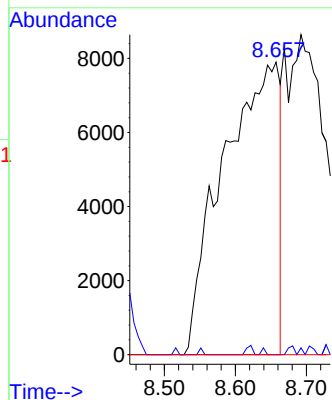
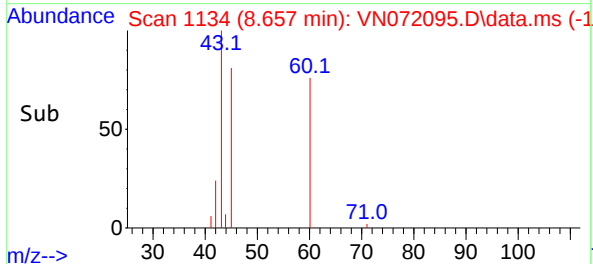


#43
Isopropyl Acetate
Concen: 3.482 ug/l
RT: 8.657 min Scan# 1116
Delta R.T. 0.106 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Instrument :
MSVOA_N
ClientSampleId :

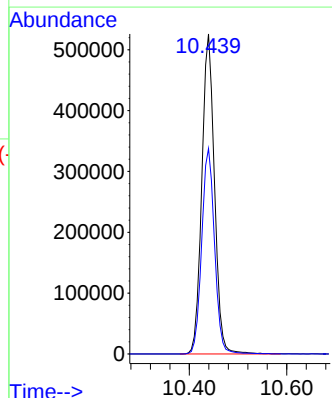
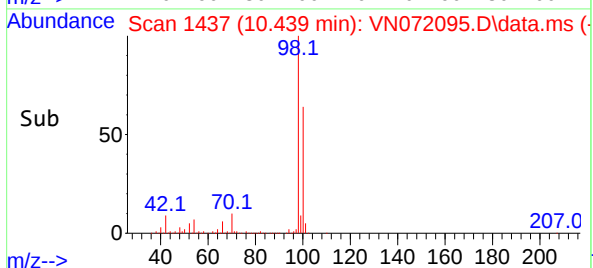
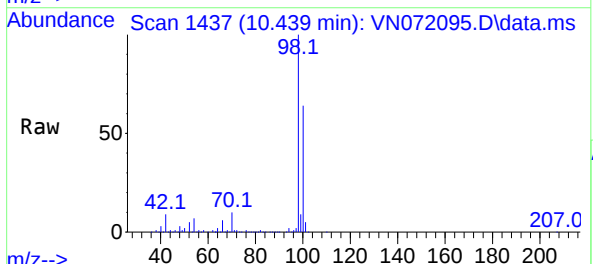


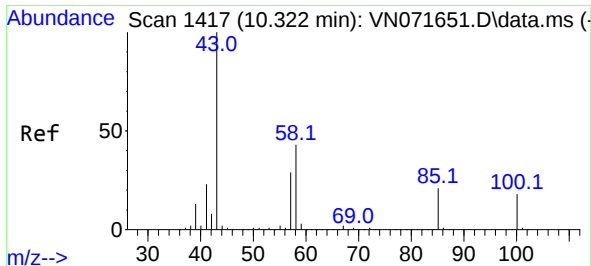
Tgt Ion: 43 Resp: 43393
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 47.288 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion: 98 Resp: 948195
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

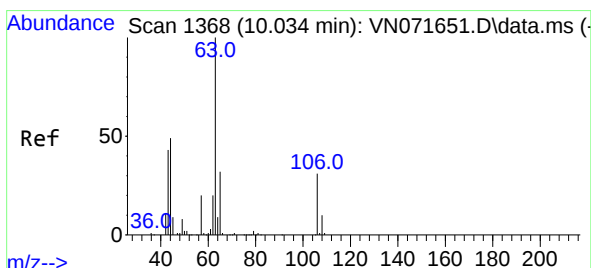
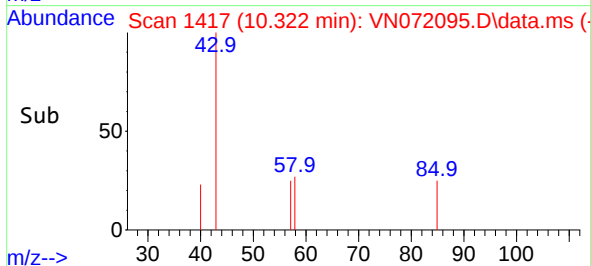
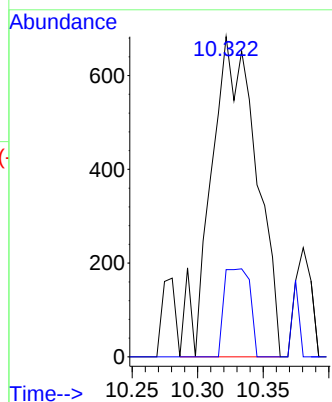
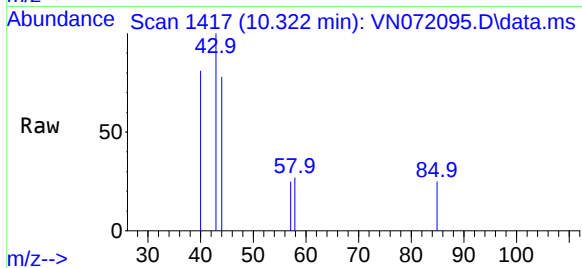




#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

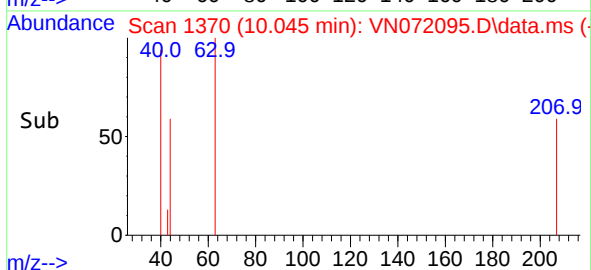
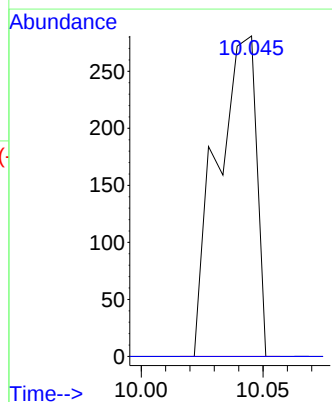
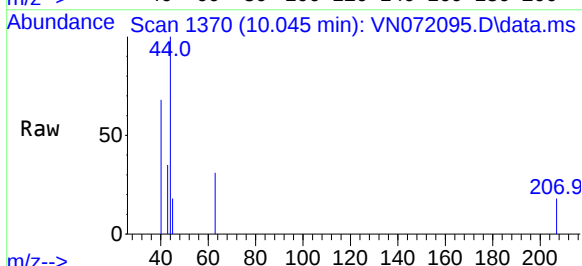
Instrument :
MSVOA_N
ClientSampleId :

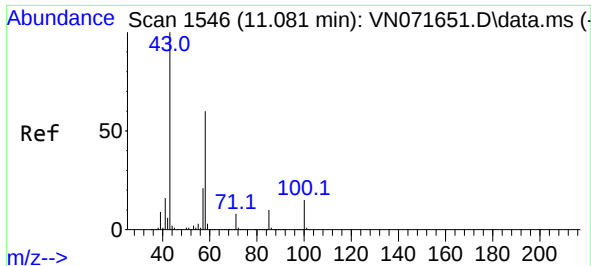
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 15.5 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 17.086 ug/l
RT: 10.045 min Scan# 1370
Delta R.T. 0.011 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

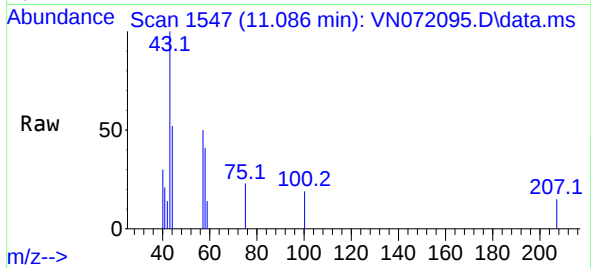
Tgt Ion: 63 Resp: 316
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



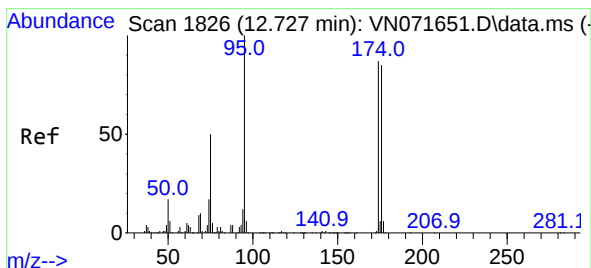
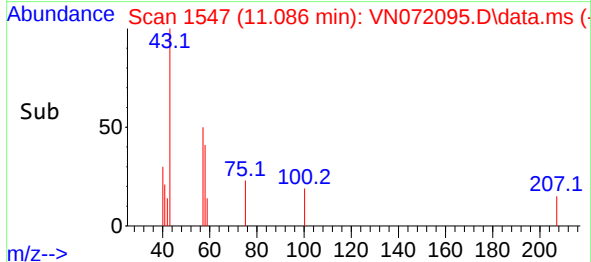
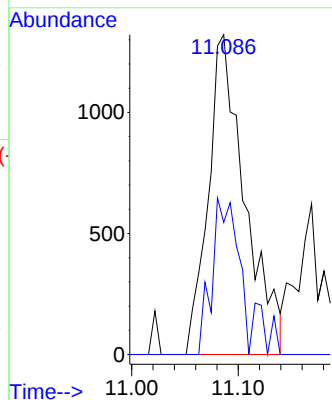


#59
2-Hexanone
Concen: 0.628 ug/l
RT: 11.086 min Scan# 11086
Delta R.T. 0.005 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Instrument :
MSVOA_N
ClientSampleId :

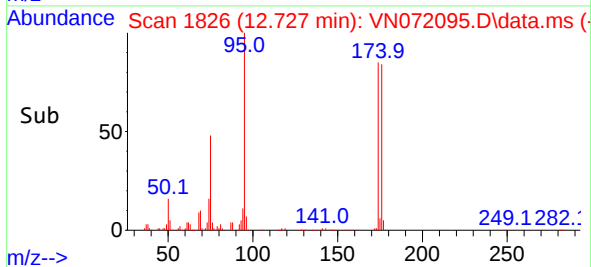
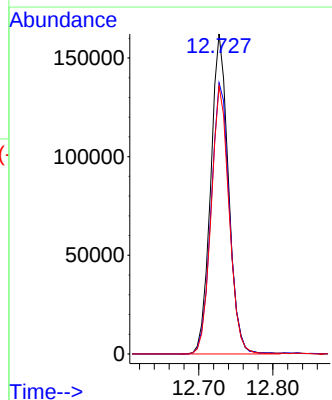
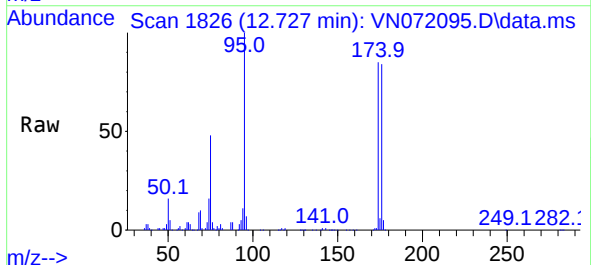


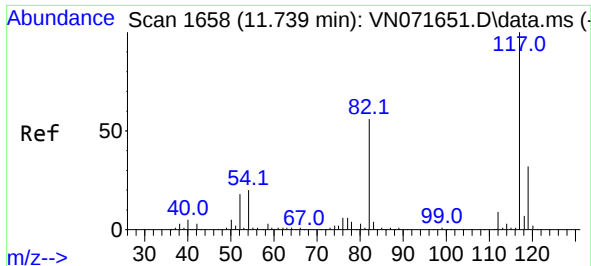
Tgt Ion: 43 Resp: 3170
Ion Ratio Lower Upper
43 100
58 34.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 41.599 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

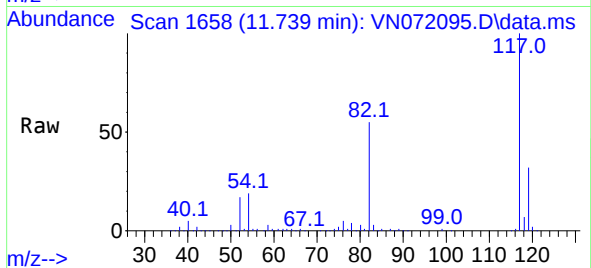
Tgt Ion: 95 Resp: 269768
Ion Ratio Lower Upper
95 100
174 87.0 0.0 167.6
176 84.2 0.0 163.4



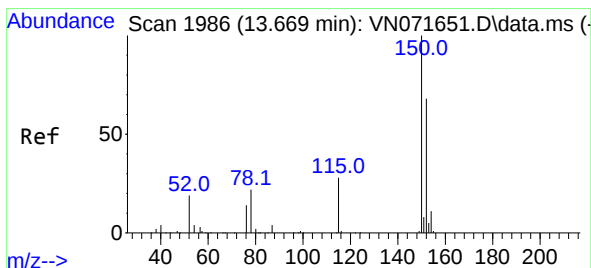
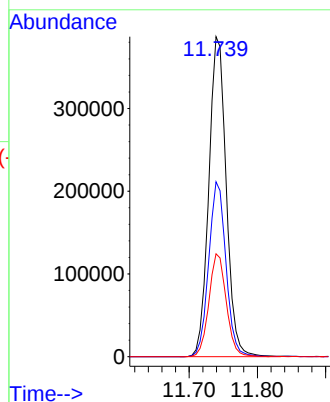
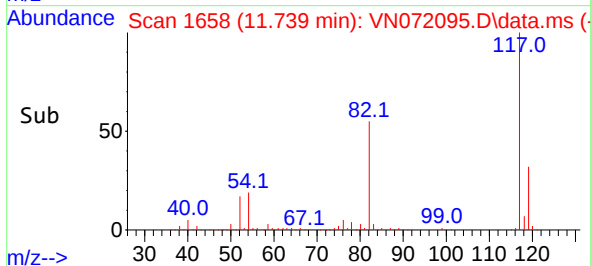


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

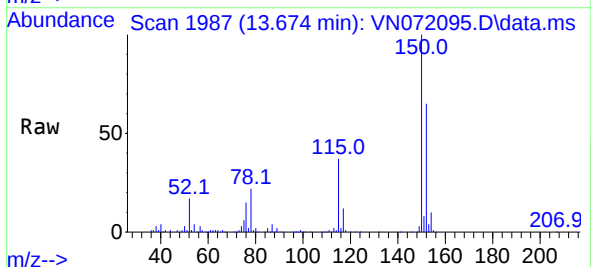
Instrument :
MSVOA_N
ClientSampleId :



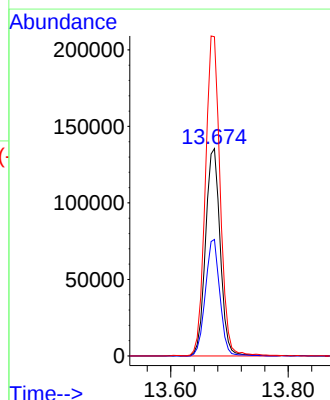
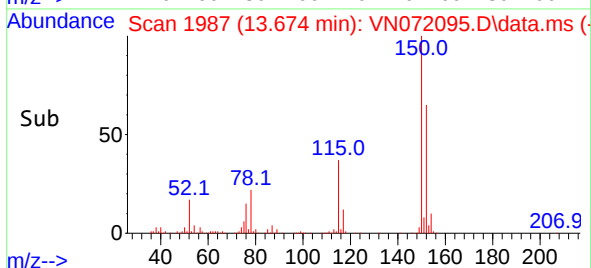
Tgt Ion:117 Resp: 687669
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.1 25.4 38.0

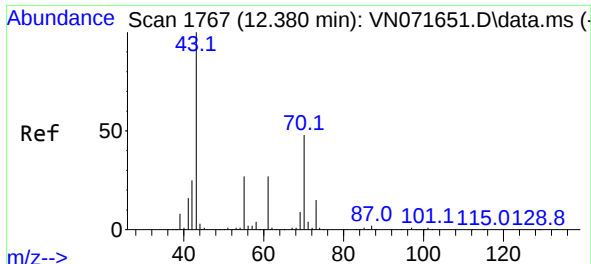


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05



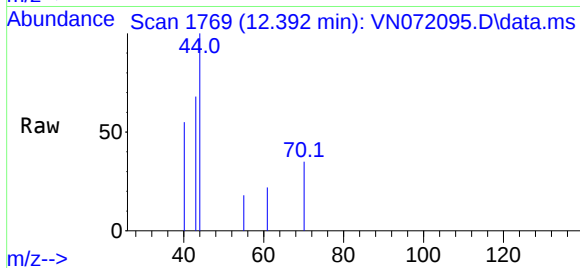
Tgt Ion:152 Resp: 234569
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 155.7 0.0 356.2





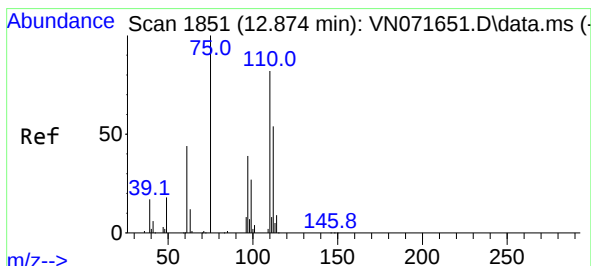
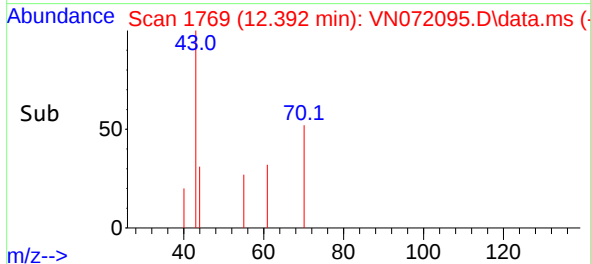
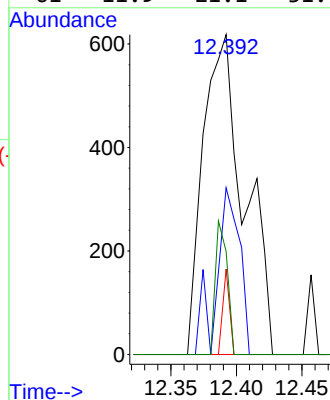
#74
N-amy1 acetate
Concen: 0.239 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1351

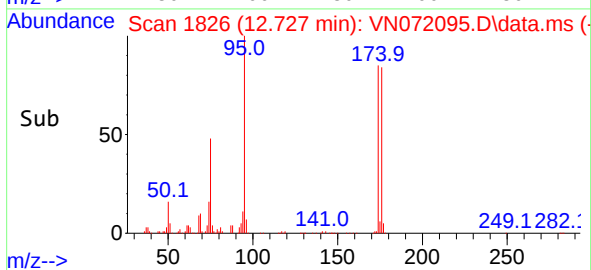
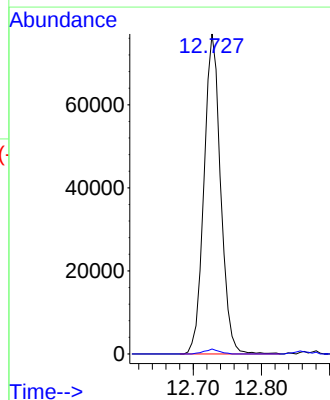
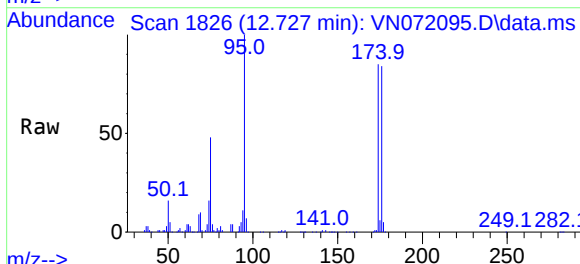
Ion	Ratio	Lower	Upper
43	100		
70	29.2	39.0	58.4#
55	4.3	21.1	31.7#
61	11.9	21.1	31.7#

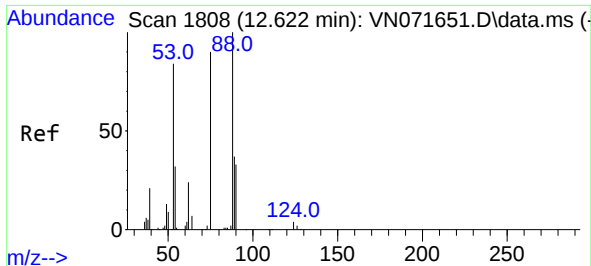


#76
1,2,3-Trichloropropane
Concen: 24.075 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

Tgt Ion: 75 Resp: 130825

Ion	Ratio	Lower	Upper
75	100		
77	1.4	98.5	295.5#

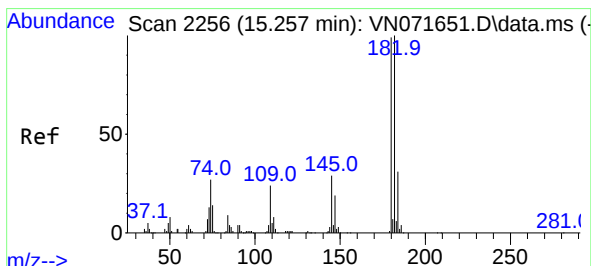
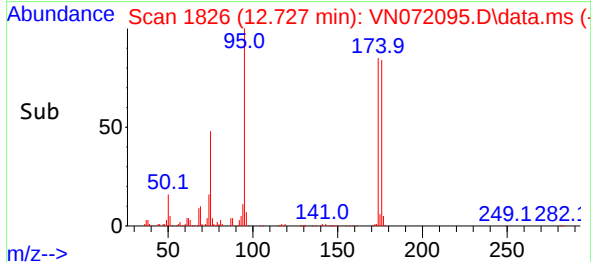
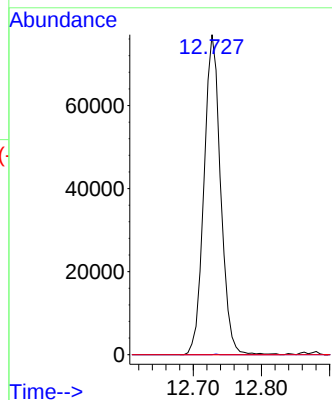
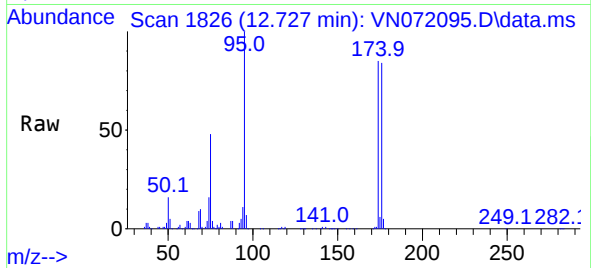




#81
trans-1,4-Dichloro-2-butene
Concen: 74.609 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

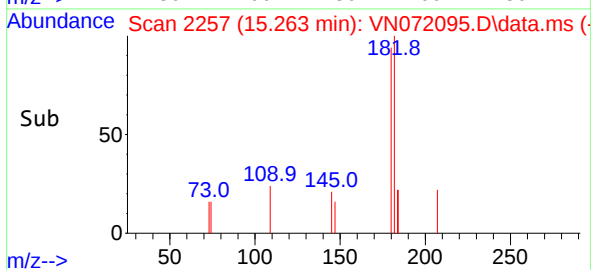
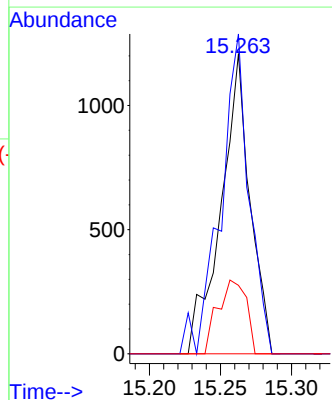
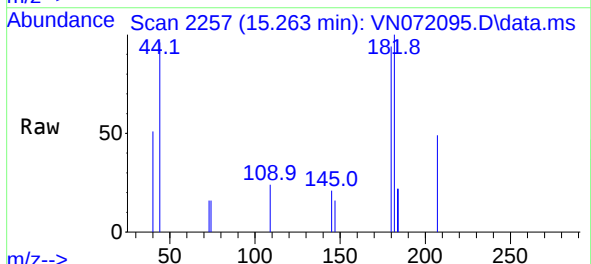
Instrument :
MSVOA_N
ClientSampleId :

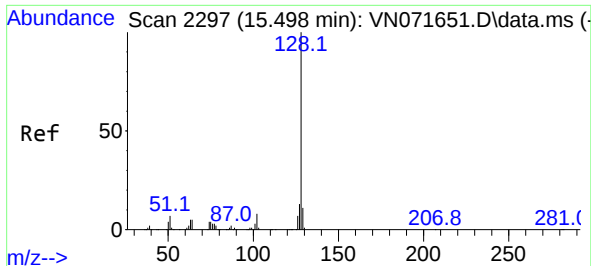
Tgt Ion: 75 Resp: 130825
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.528 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

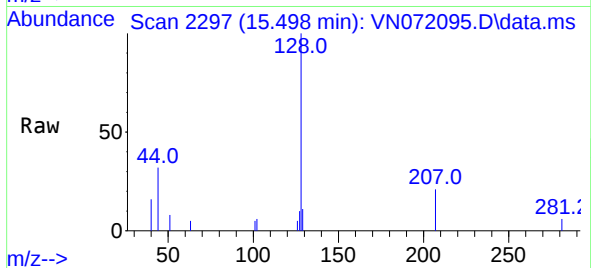
Tgt Ion:180 Resp: 1723
Ion Ratio Lower Upper
180 100
182 104.5 47.5 142.5
145 23.9 14.5 43.5



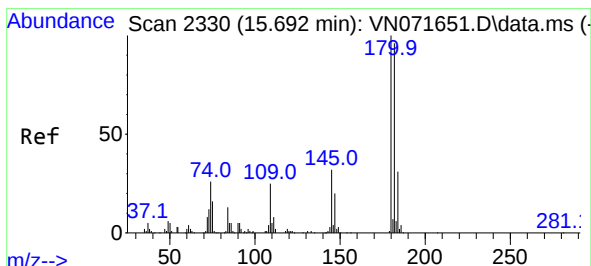
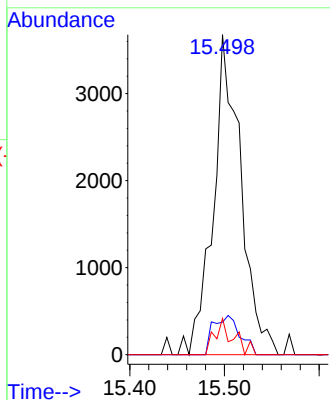
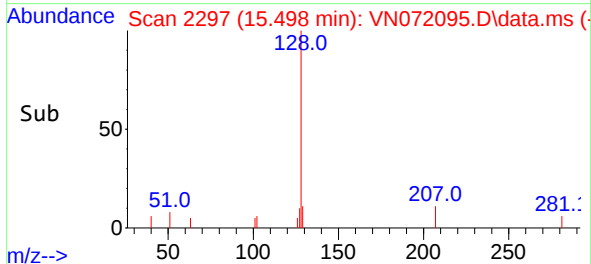


#95
Naphthalene
Concen: 4.447 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05

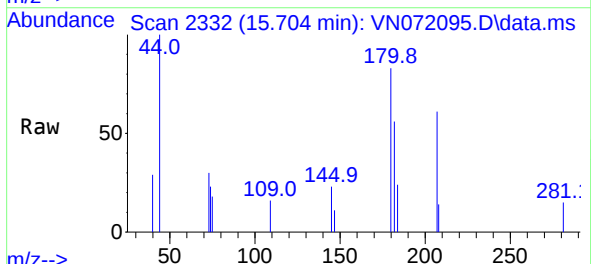
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 7445
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 7.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.024 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN072095.D
Acq: 20 Apr 2022 23:05



Tgt Ion:180 Resp: 2317
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.3
145 24.7 15.5 46.5

