

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071873.D
 Acq On : 06 Apr 2022 12:32
 Operator : JC\MD
 Sample : VN0406WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBL01

Quant Time: Apr 07 04:25:41 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)

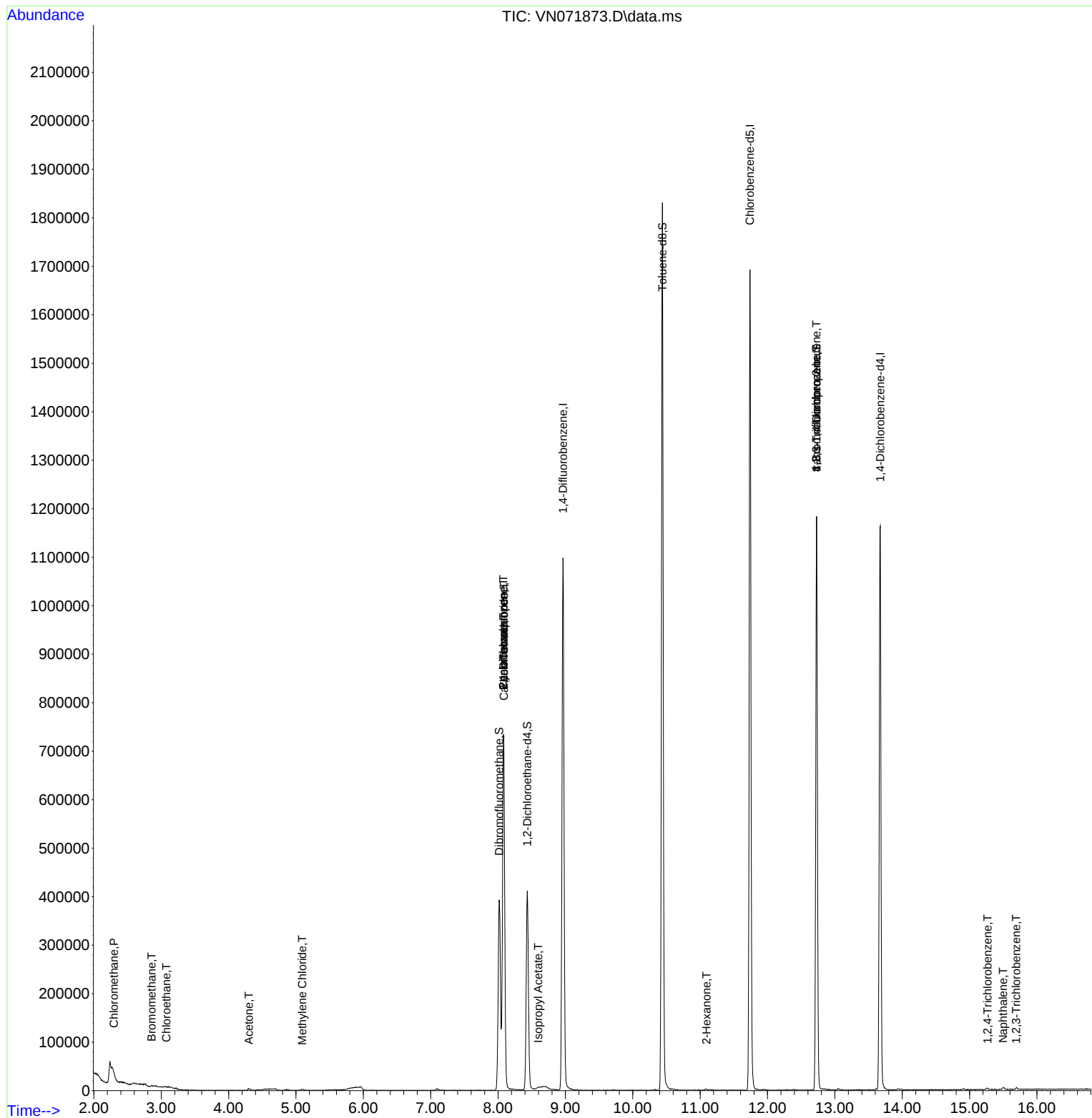
Internal Standards						
1) Pentafluorobenzene	8.080	168	611043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1040248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1055884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	358610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	341156	48.906	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.820%
35) Dibromofluoromethane	8.016	113	298967	48.841	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.680%
50) Toluene-d8	10.439	98	1299961	51.914	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.727	95	425722	52.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2876	0.467	ug/l	92
5) Bromomethane	2.857	94	1971	0.449	ug/l #	70
6) Chloroethane	3.075	64	1065	0.219	ug/l #	42
16) Acetone	4.298	43	2477	0.831	ug/l #	77
18) Methyl Acetate	4.869	43	3369	Below Cal	#	67
20) Methylene Chloride	5.092	84	2311	0.368	ug/l #	85
31) Cyclohexane	8.080	56	10415	1.098	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	41259	4.827	ug/l #	48
38) Carbon Tetrachloride	8.086	117	54378	6.491	ug/l #	16
43) Isopropyl Acetate	8.598	43	5670	0.364	ug/l #	53
59) 2-Hexanone	11.092	43	2648	0.420	ug/l	87
76) 1,2,3-Trichloropropane	12.727	75	202593	24.387	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	202593	75.574	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	1624	2.358	ug/l	79
95) Naphthalene	15.498	128	5513	4.115	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.692	180	1679	2.703	ug/l	91

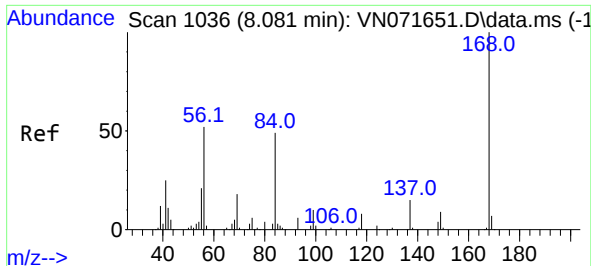
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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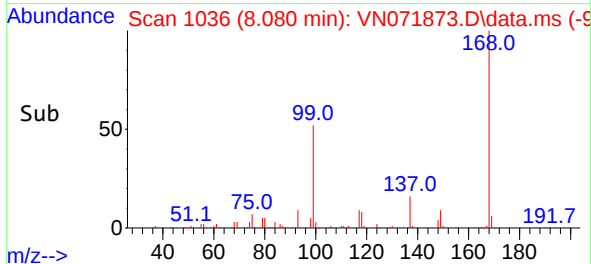
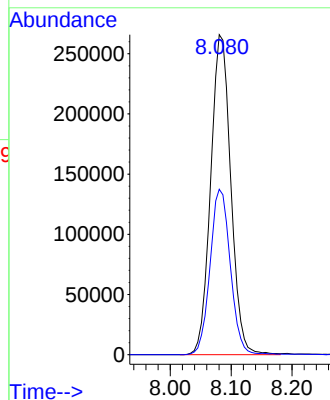
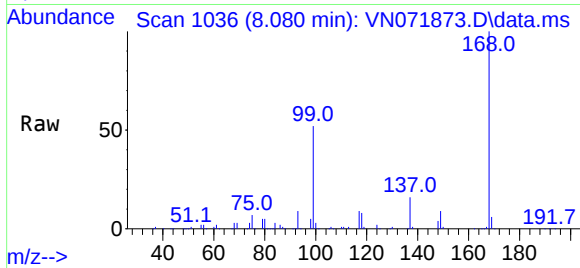




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

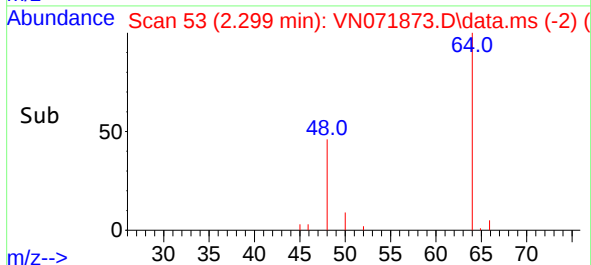
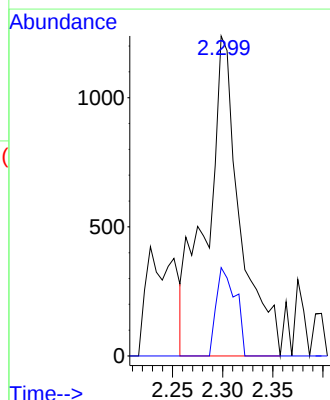
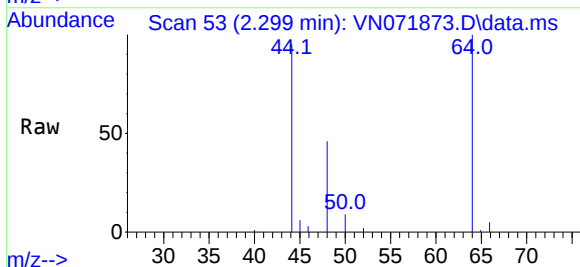
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

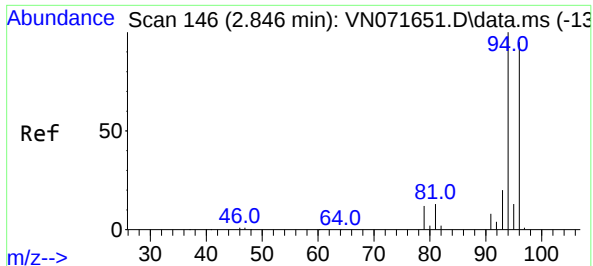
Tgt Ion:168 Resp: 611043
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#3
Chloromethane
Concen: 0.467 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 50 Resp: 2876
Ion Ratio Lower Upper
50 100
52 27.6 25.7 38.5

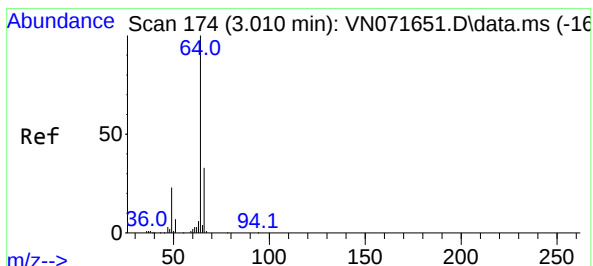
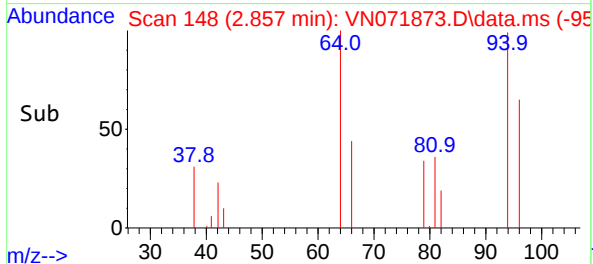
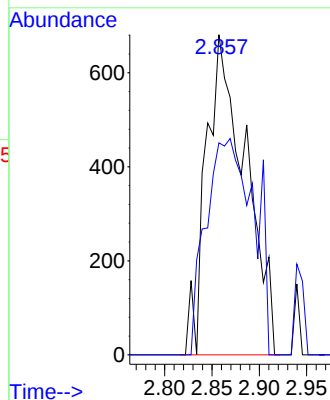
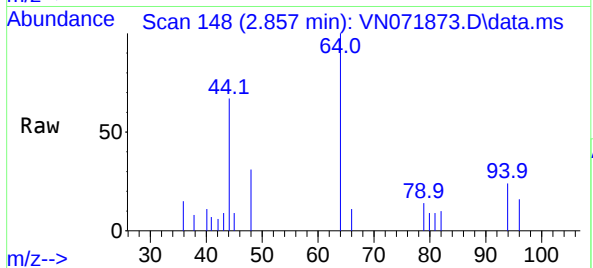




#5
Bromomethane
Concen: 0.449 ug/l
RT: 2.857 min Scan# 14
Delta R.T. 0.011 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

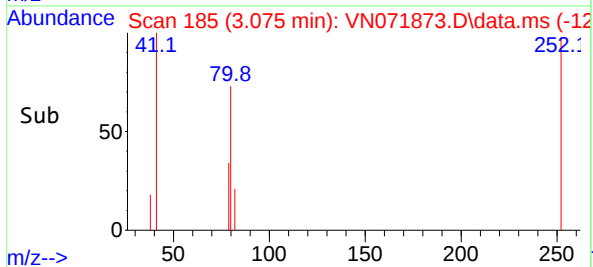
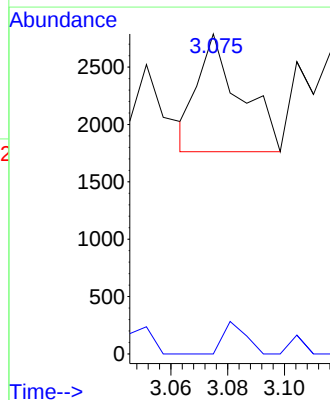
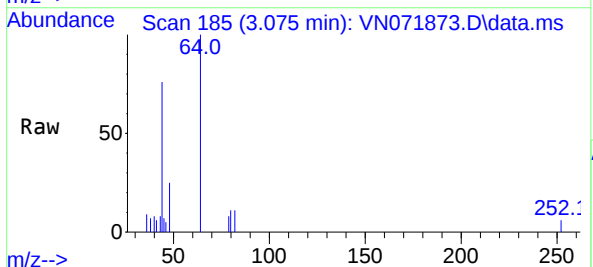
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

Tgt Ion: 94 Resp: 1971
Ion Ratio Lower Upper
94 100
96 66.2 76.0 114.0#



#6
Chloroethane
Concen: 0.219 ug/l
RT: 3.075 min Scan# 185
Delta R.T. 0.065 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 64 Resp: 1065
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

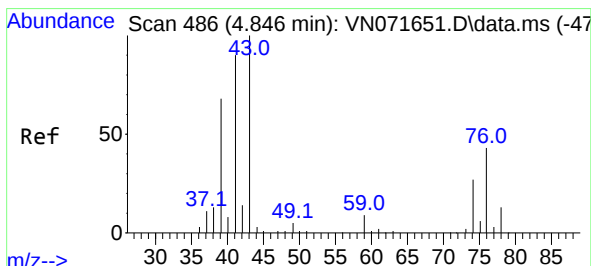
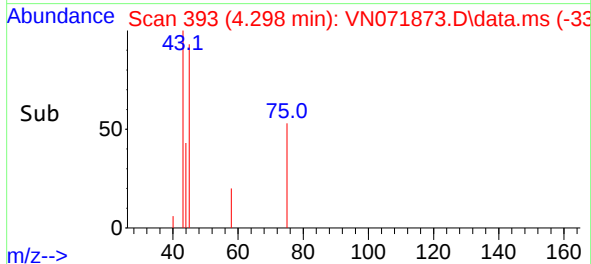
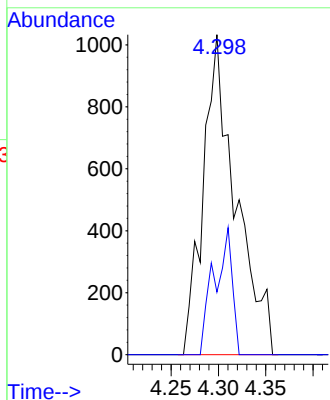
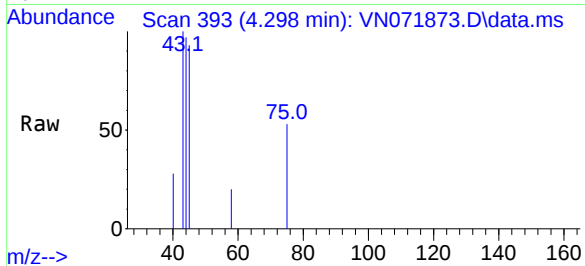




#16
Acetone
Concen: 0.831 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

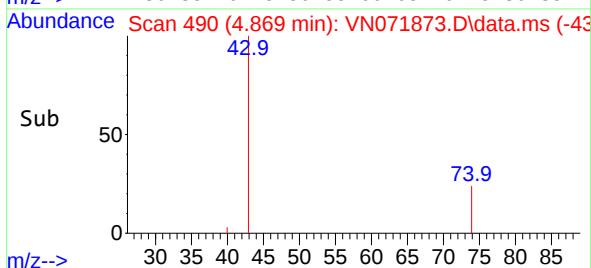
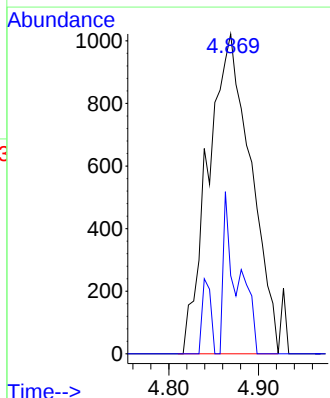
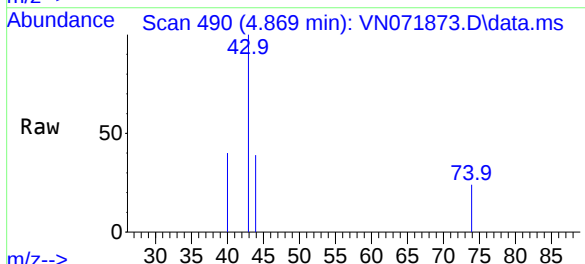
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

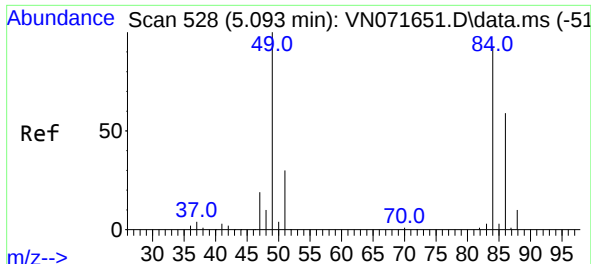
Tgt Ion: 43 Resp: 2477
Ion Ratio Lower Upper
43 100
58 19.6 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 43 Resp: 3369
Ion Ratio Lower Upper
43 100
74 10.0 21.6 32.4#



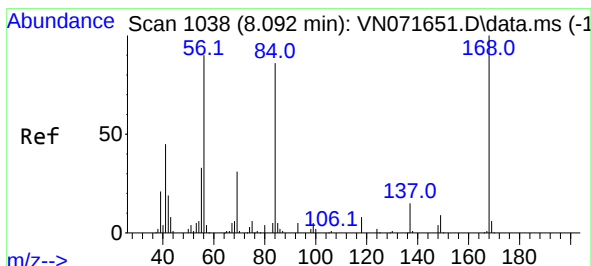
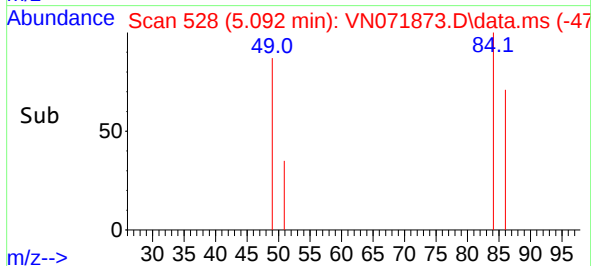
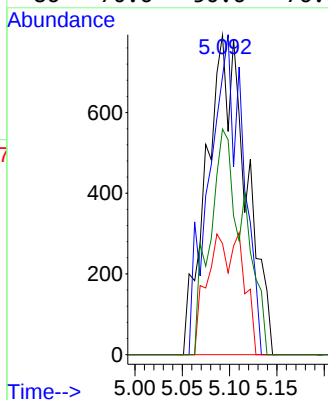
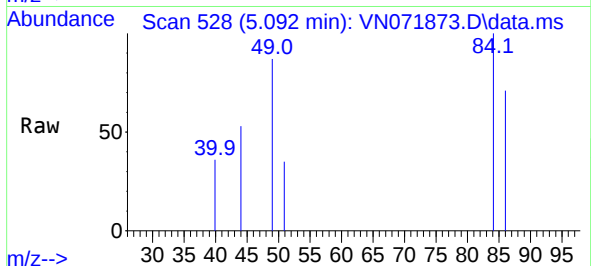


#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

Tgt Ion: 84 Resp: 2311

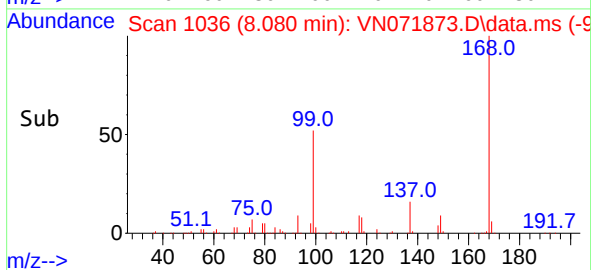
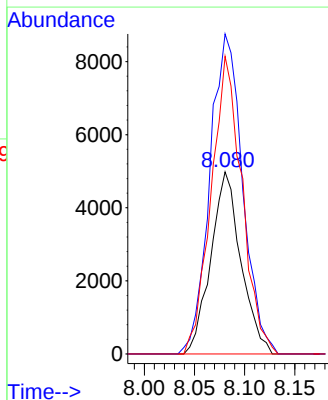
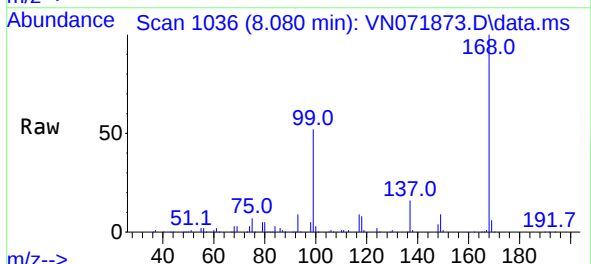
Ion	Ratio	Lower	Upper
84	100		
49	87.0	88.3	132.5#
51	34.7	28.2	42.2
86	70.6	50.6	76.0

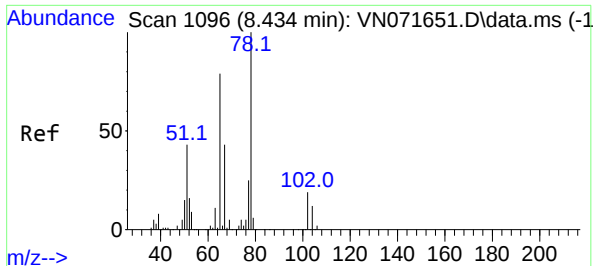


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 56 Resp: 10415

Ion	Ratio	Lower	Upper
56	100		
69	175.7	27.8	41.8#
84	163.4	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 48.906 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071873.D

Acq: 06 Apr 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

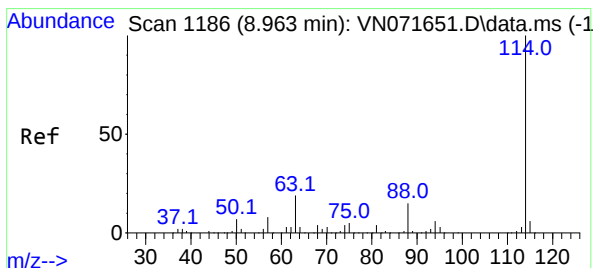
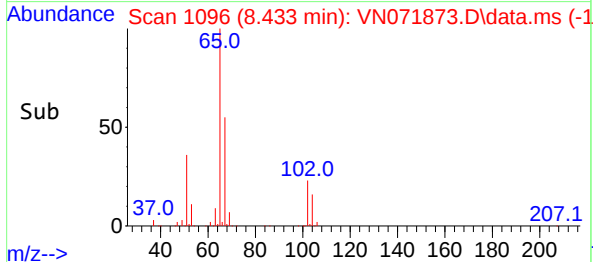
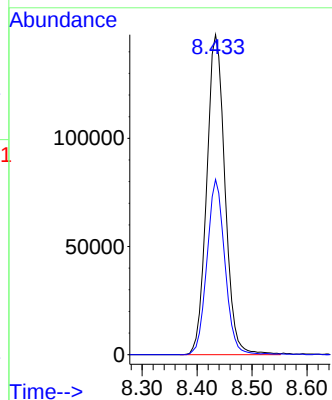
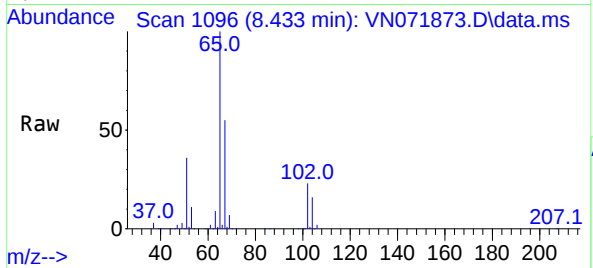
VN0406WBL01

Tgt Ion: 65 Resp: 341156

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: VN071873.D

Acq: 06 Apr 2022 12:32

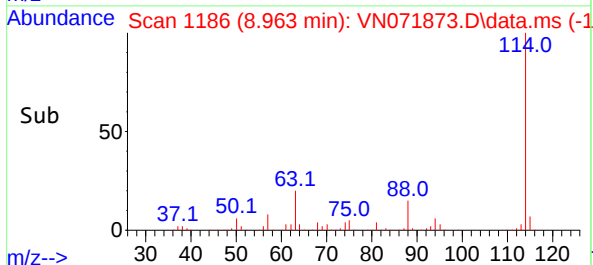
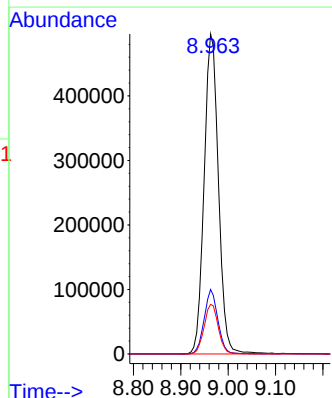
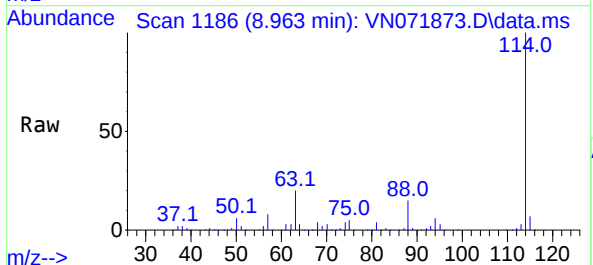
Tgt Ion: 114 Resp: 1040248

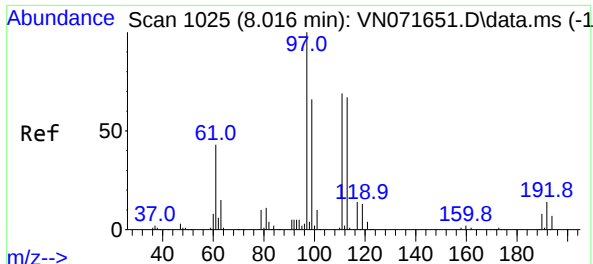
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.5 0.0 32.6

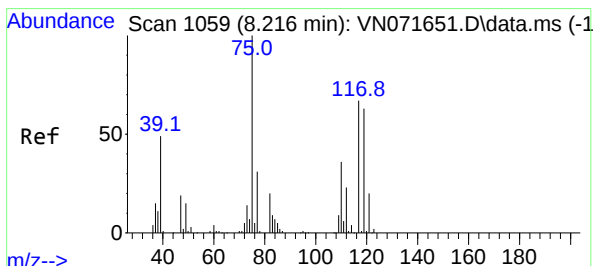
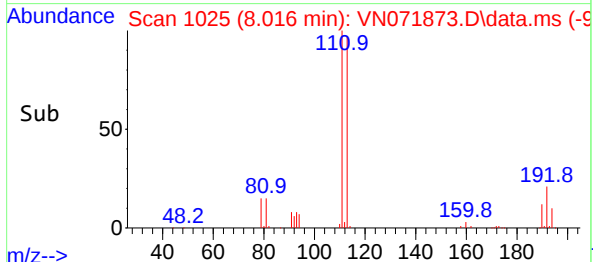
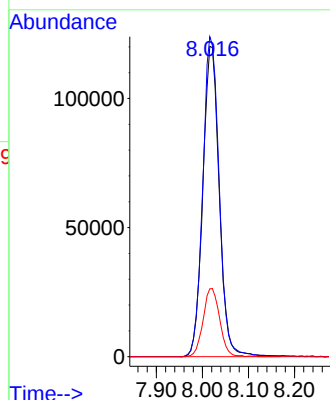
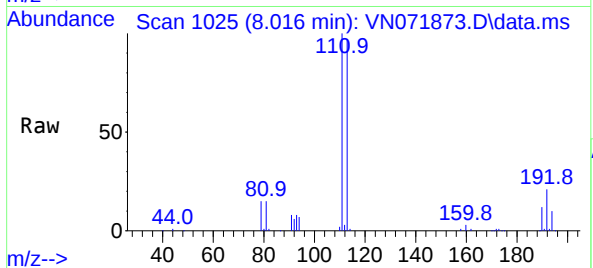




#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

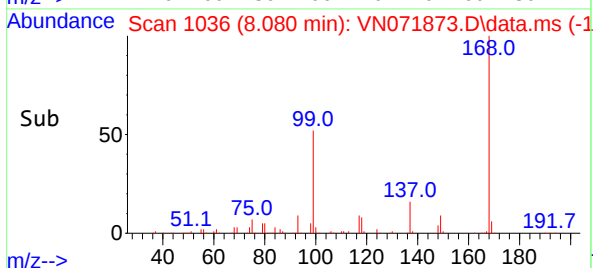
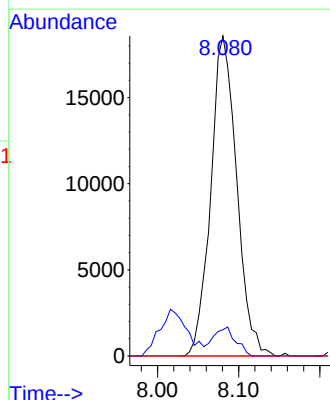
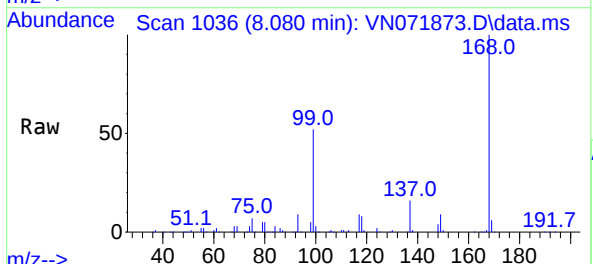
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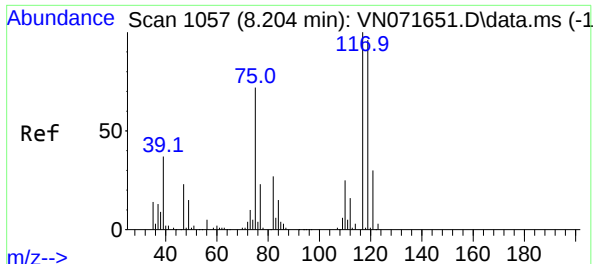
Tgt Ion:113 Resp: 298967
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 22.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 75 Resp: 41259
Ion Ratio Lower Upper
75 100
110 7.8 18.3 54.8#
77 0.0 25.1 37.7#

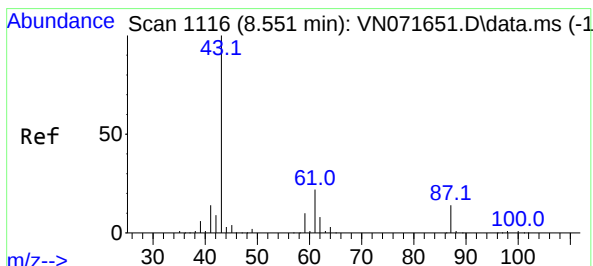
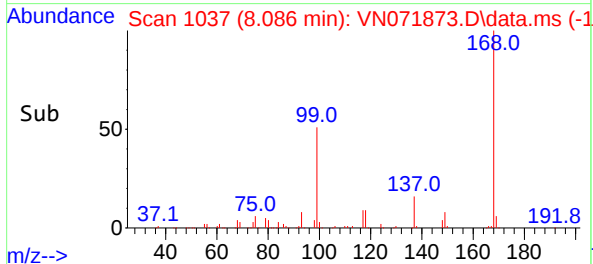
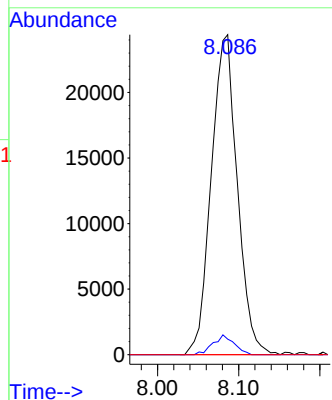
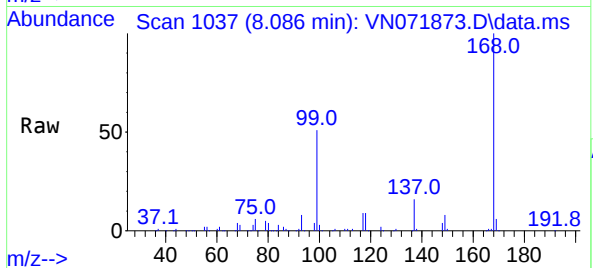




#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 8.086 min Scan# 1124
Delta R.T. -0.118 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

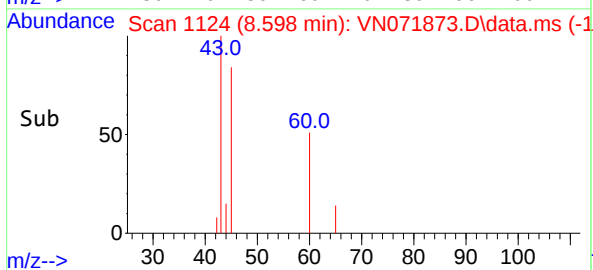
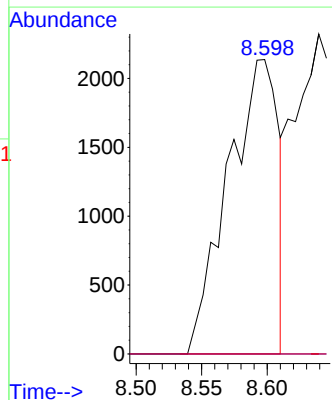
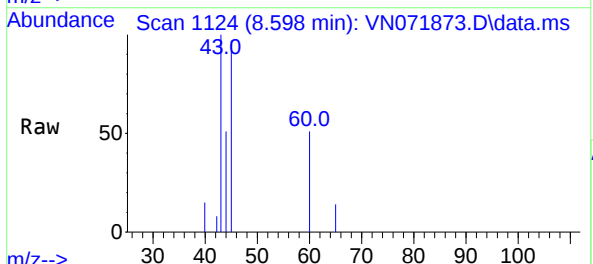
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

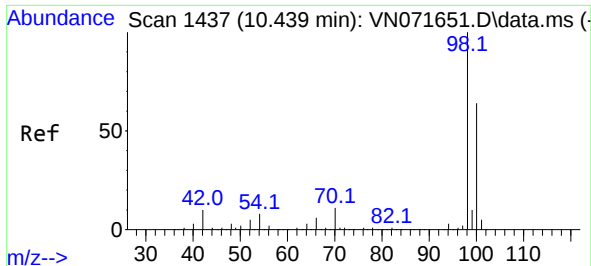
Tgt Ion:117 Resp: 54378
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.364 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.047 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 43 Resp: 5670
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

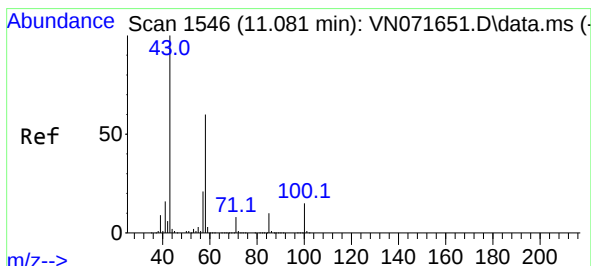
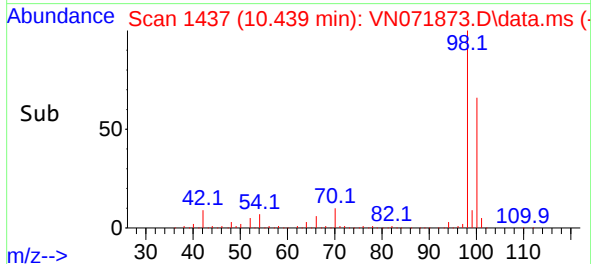
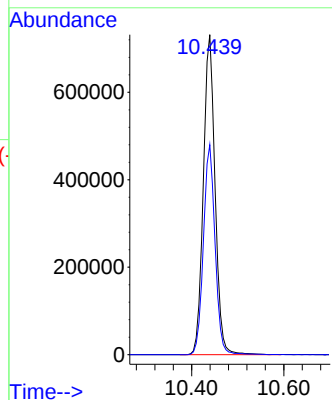
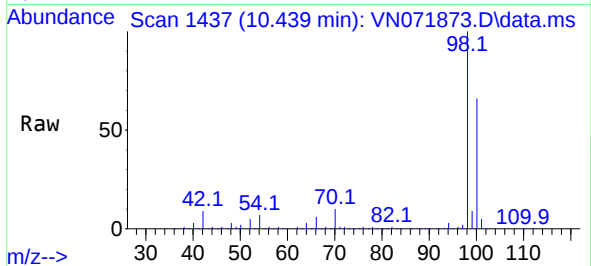




#50
Toluene-d8
Concen: 51.914 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

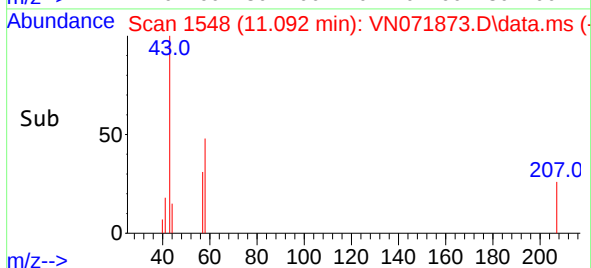
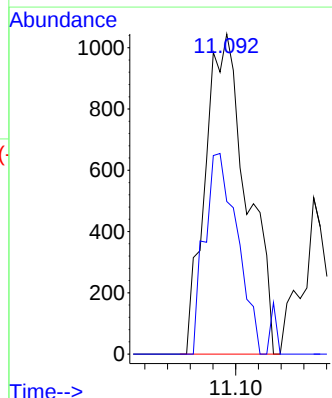
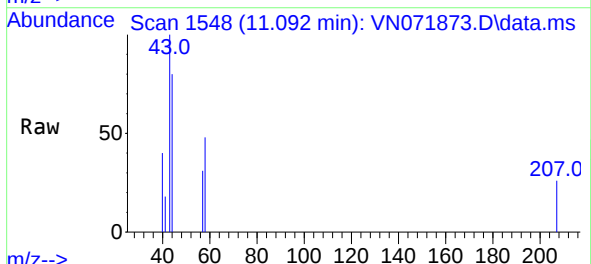
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

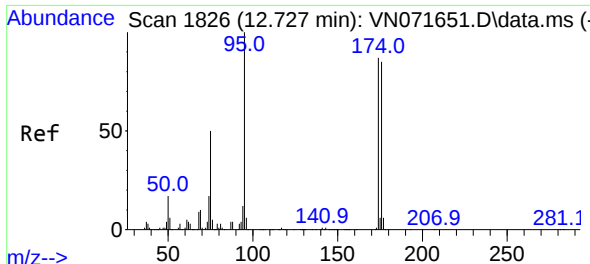
Tgt Ion: 98 Resp: 1299961
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#59
2-Hexanone
Concen: 0.420 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 43 Resp: 2648
Ion Ratio Lower Upper
43 100
58 49.4 29.7 89.1

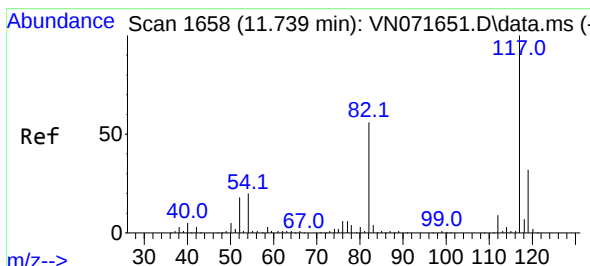
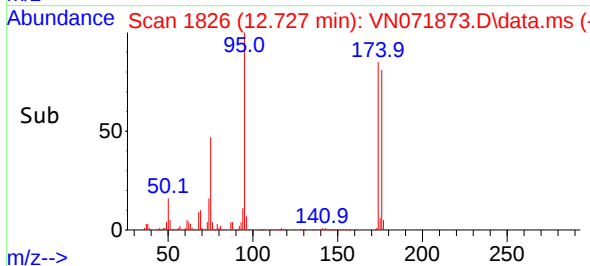
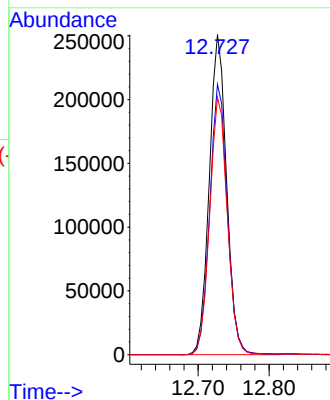
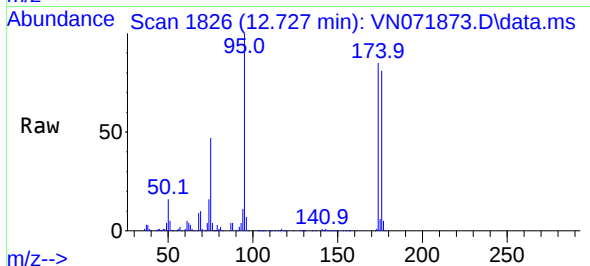




#62
4-Bromofluorobenzene
Concen: 52.568 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

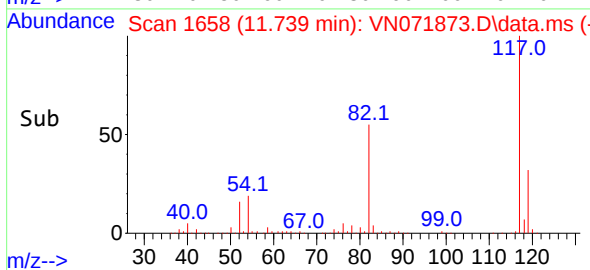
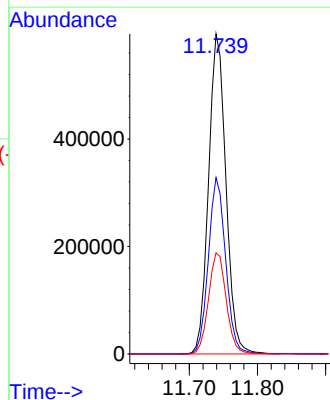
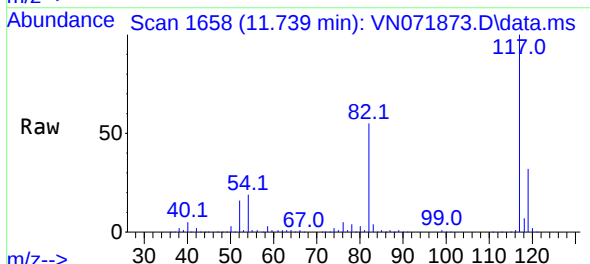
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

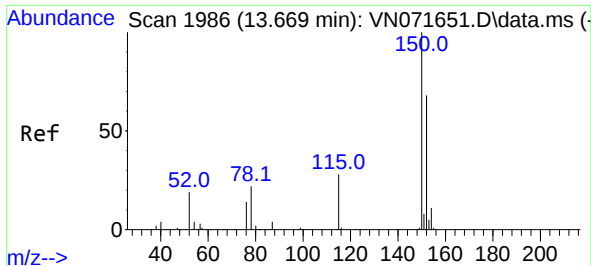
Tgt Ion: 95 Resp: 425722
Ion Ratio Lower Upper
95 100
174 85.5 0.0 167.6
176 81.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

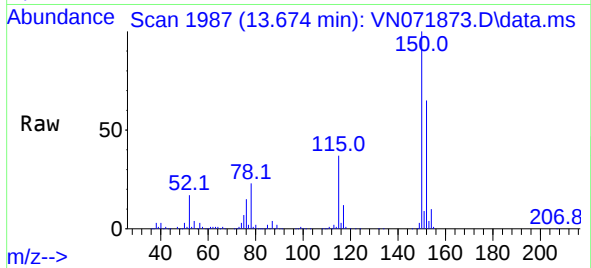
Tgt Ion: 117 Resp: 1055884
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.6 25.4 38.0



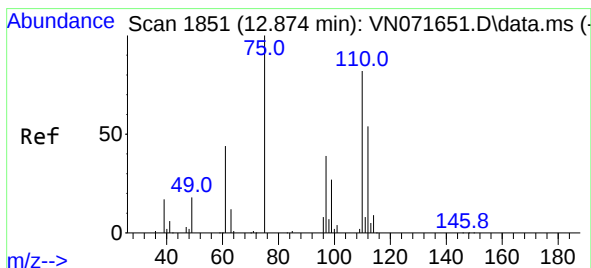
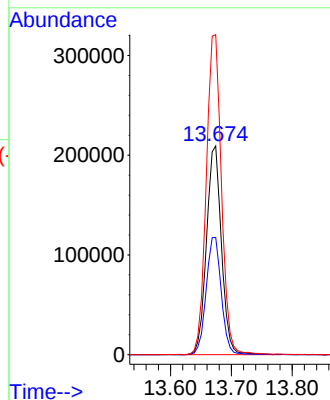
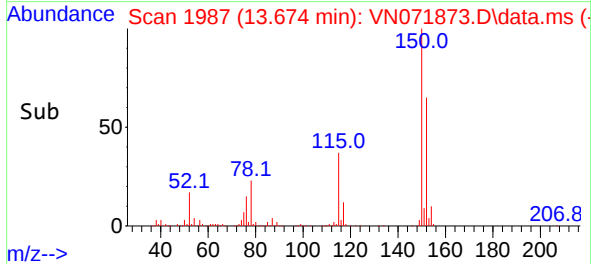


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN071873.D
 Acq: 06 Apr 2022 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBL01

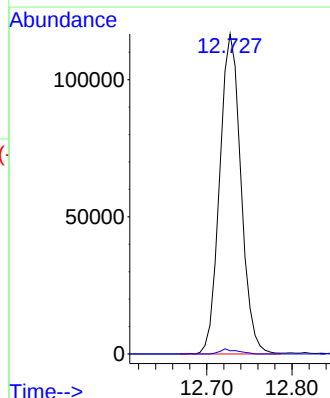
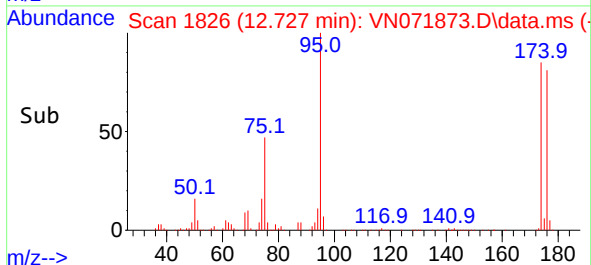
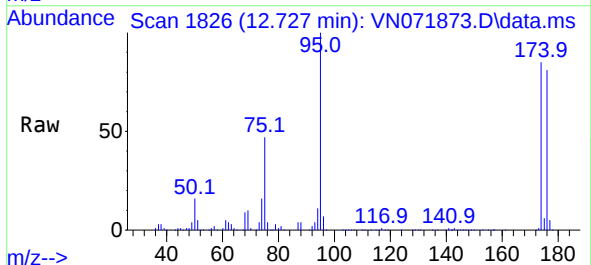


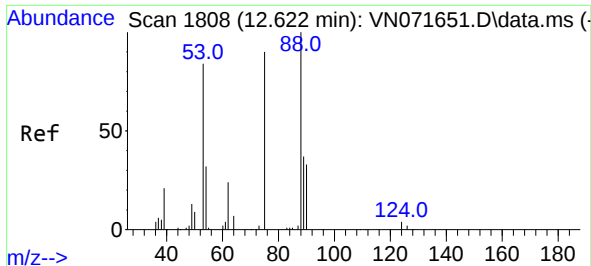
Tgt Ion:152 Resp: 358610
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.9 86.7
 150 155.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.387 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071873.D
 Acq: 06 Apr 2022 12:32

Tgt Ion: 75 Resp: 202593
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

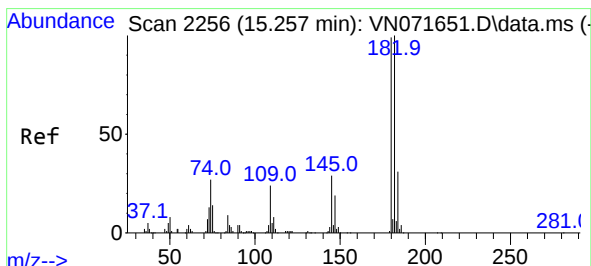
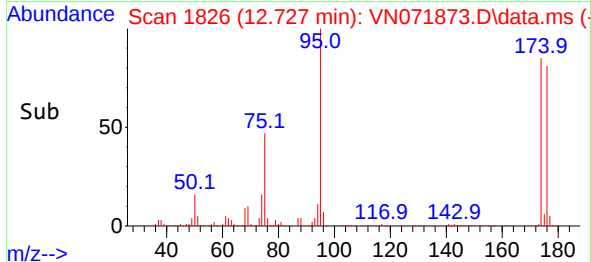
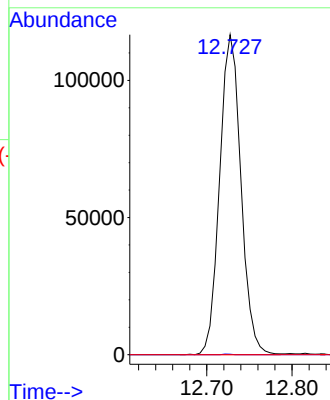
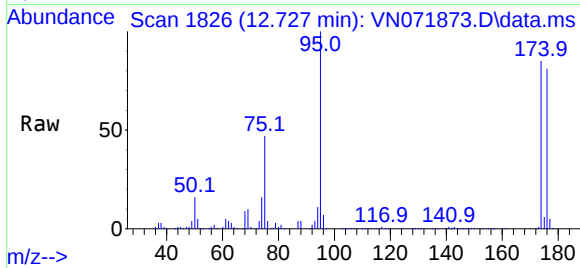




#81
trans-1,4-Dichloro-2-butene
Concen: 75.574 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

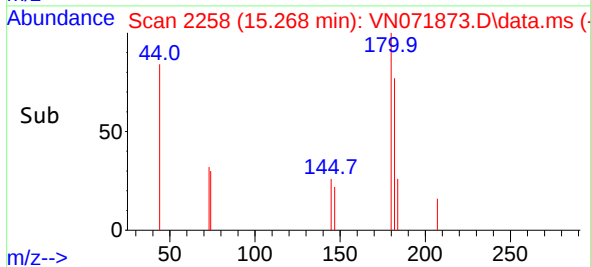
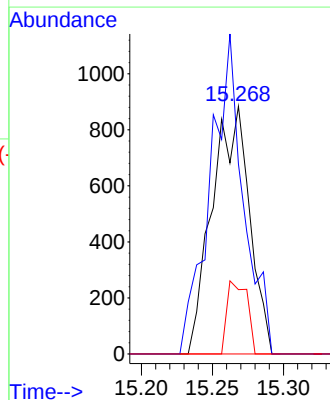
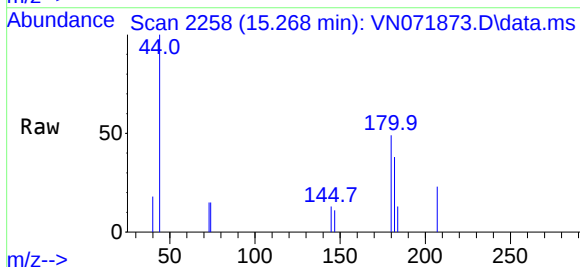
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

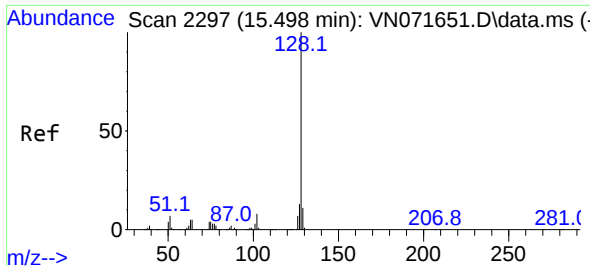
Tgt Ion: 75 Resp: 202593
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.358 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion: 180 Resp: 1624
Ion Ratio Lower Upper
180 100
182 114.3 47.5 142.5
145 15.7 14.5 43.5

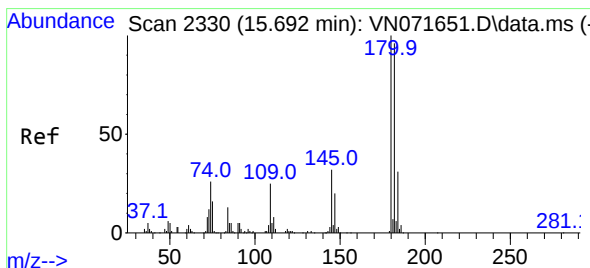
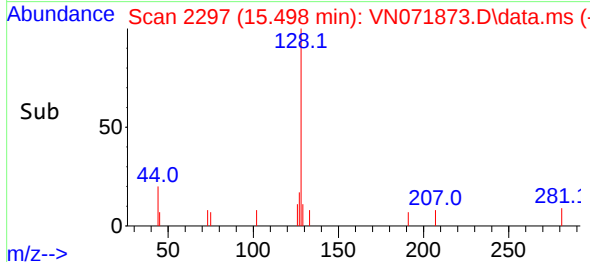
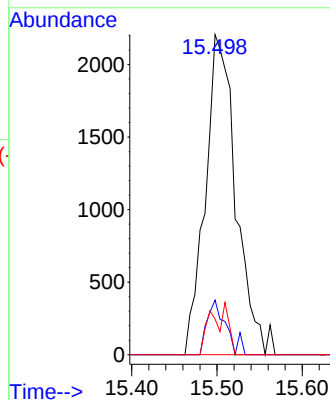
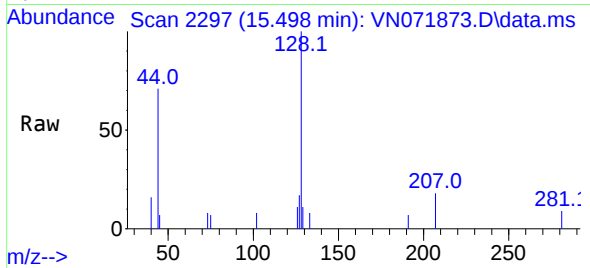




#95
Naphthalene
Concen: 4.115 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBL01

Tgt Ion:128 Resp: 5513
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 5.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.703 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071873.D
Acq: 06 Apr 2022 12:32

Tgt Ion:180 Resp: 1679
Ion Ratio Lower Upper
180 100
182 102.4 47.8 143.3
145 22.0 15.5 46.5

