

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071329.D
 Acq On : 16 Mar 2022 18:49
 Operator : JC\MD
 Sample : N1957-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-1

Quant Time: Mar 17 05:20:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

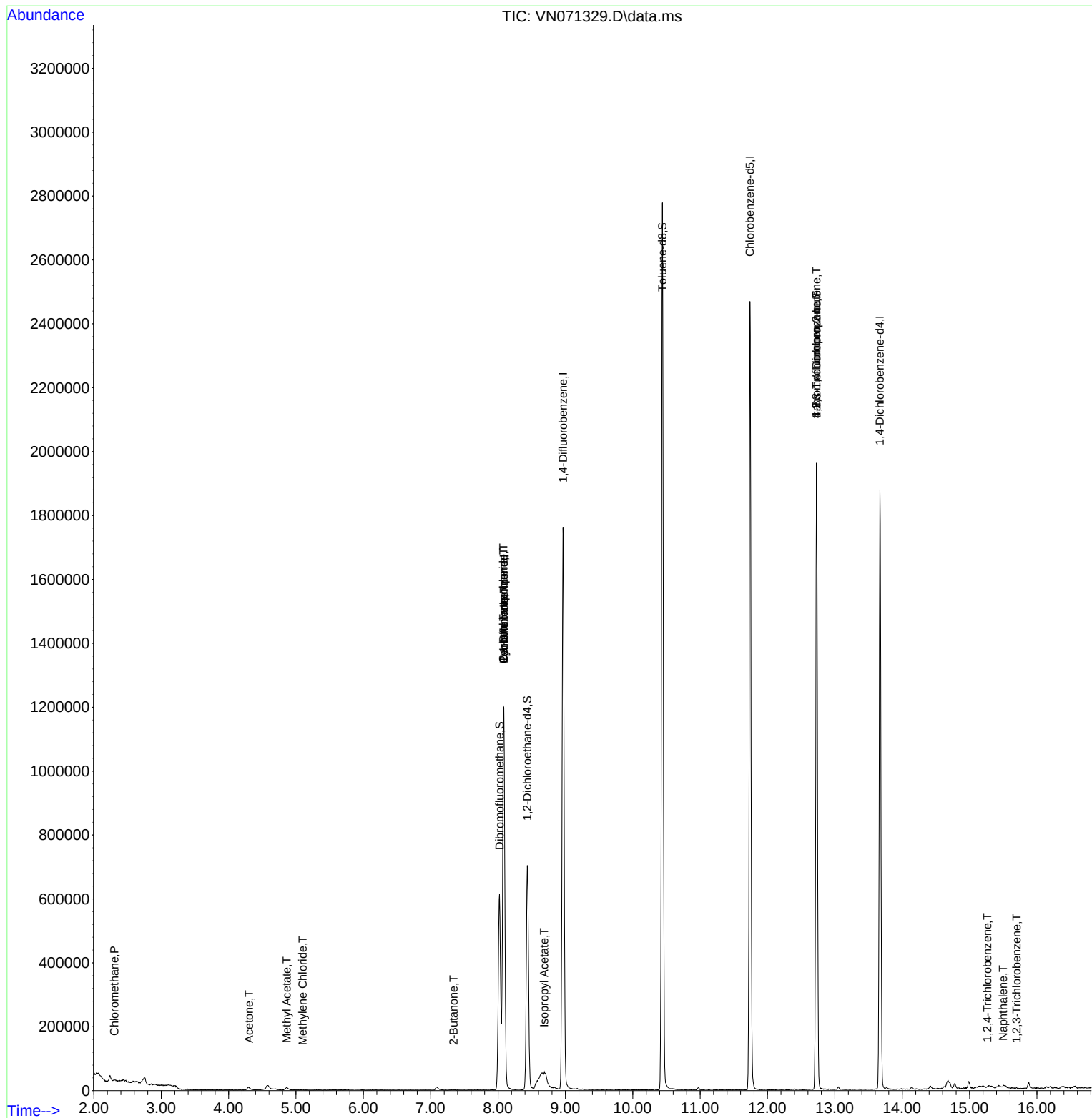
Internal Standards						
1) Pentafluorobenzene	8.086	168	940592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1553846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1423706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	514052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	587026	45.537	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.080%		
35) Dibromofluoromethane	8.022	113	453423	46.243	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.480%		
50) Toluene-d8	10.439	98	1892428	47.935	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.727	95	692560	51.805	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	3396	0.211	ug/l #	79
5) Bromomethane	2.846	94	540	Below Cal		82
16) Acetone	4.304	43	12882	2.054	ug/l	97
18) Methyl Acetate	4.863	43	17475	1.498	ug/l #	73
20) Methylene Chloride	5.098	84	329	0.410	ug/l #	62
25) 2-Butanone	7.339	43	2059	0.204	ug/l #	48
31) Cyclohexane	8.086	56	20711	1.006	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	72087	4.589	ug/l #	49
38) Carbon Tetrachloride	8.081	117	92659	6.098	ug/l #	17
43) Isopropyl Acetate	8.686	43	174675	5.402	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.821	83	158	Below Cal	#	65
76) 1,2,3-Trichloropropane	12.727	75	349496	26.739	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	349496	73.495	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	592	3.055	ug/l	72
95) Naphthalene	15.498	128	2286	5.155	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.698	180	423	2.781	ug/l #	91

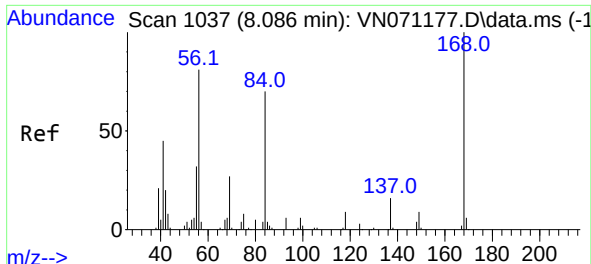
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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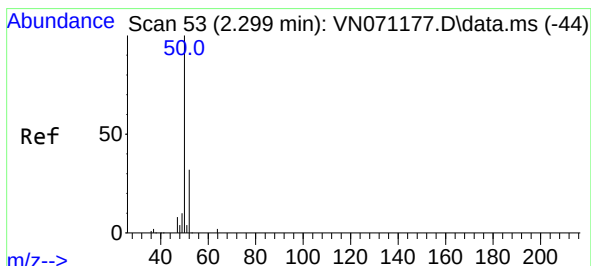
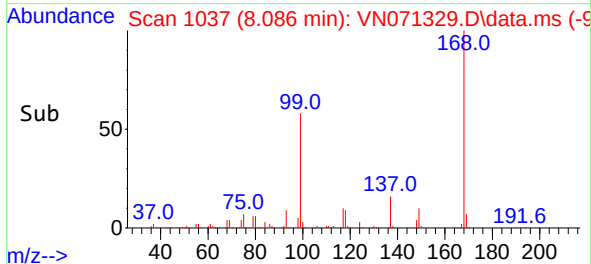
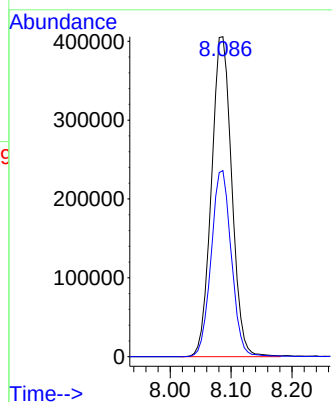
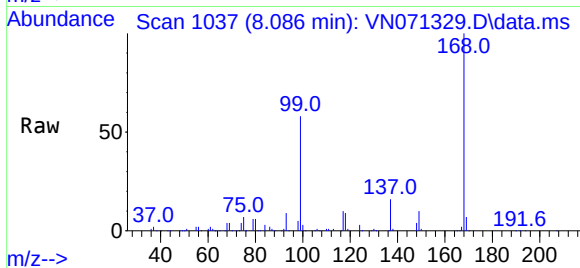




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

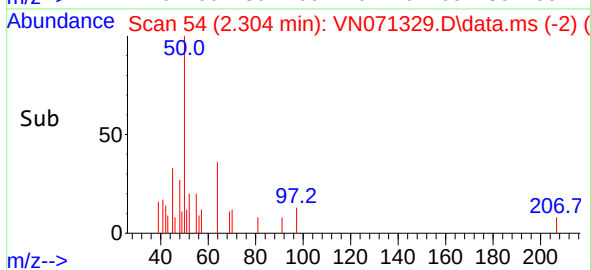
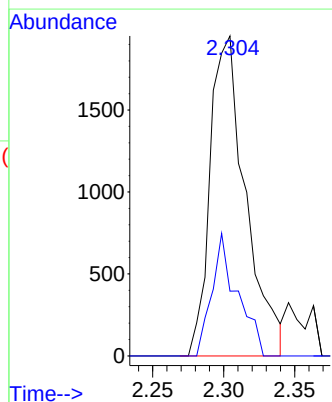
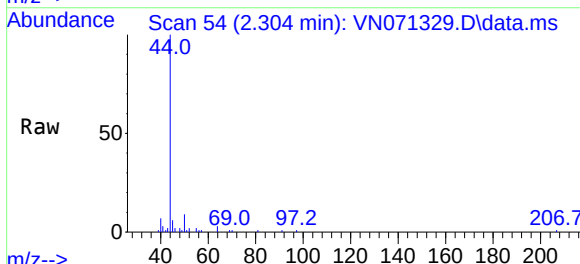
Instrument :
MSVOA_N
ClientSampleId :
MP-1

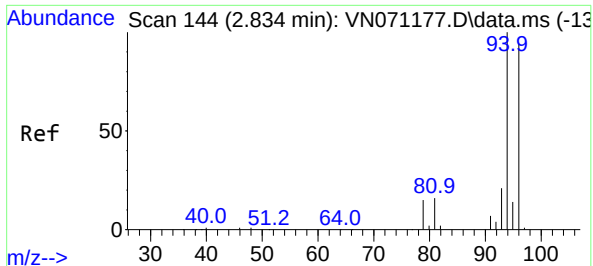
Tgt Ion:168 Resp: 940592
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#3
Chloromethane
Concen: 0.211 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 50 Resp: 3396
Ion Ratio Lower Upper
50 100
52 20.2 25.4 38.0#

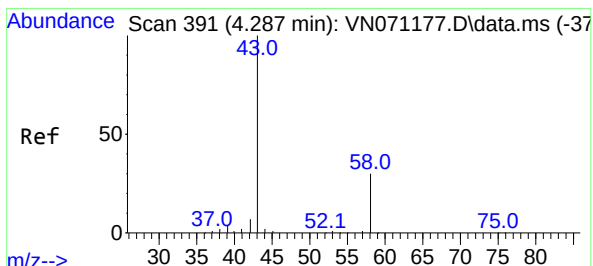
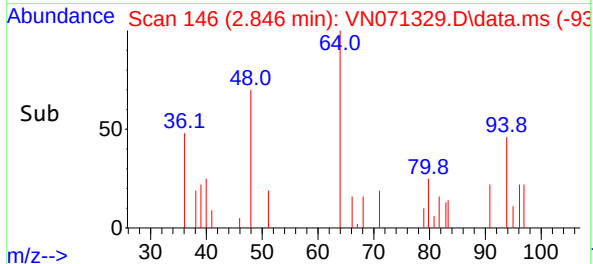
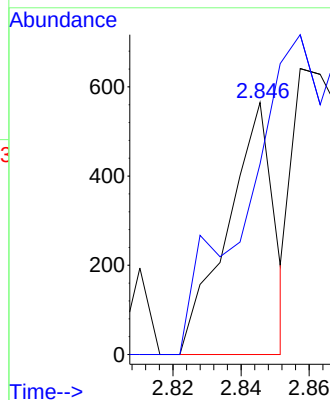
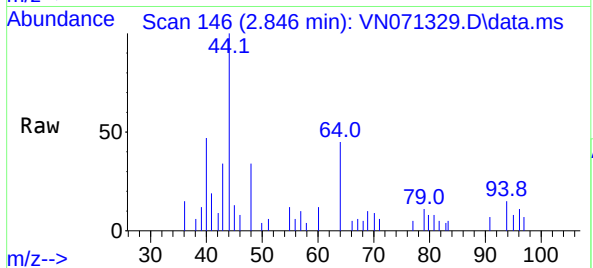




#5
Bromomethane
Concen: Below Cal
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

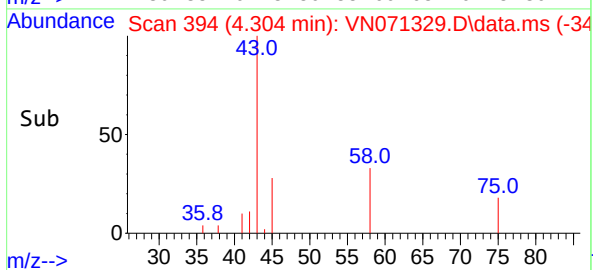
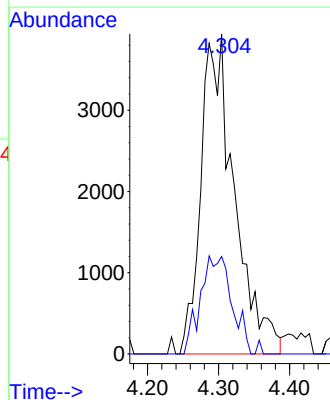
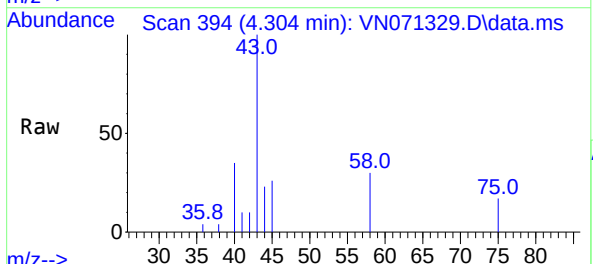
Instrument :
MSVOA_N
ClientSampleId :
MP-1

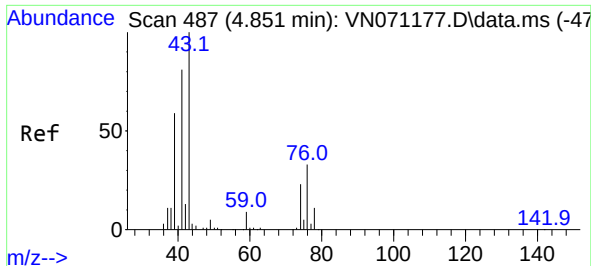
Tgt Ion: 94 Resp: 540
Ion Ratio Lower Upper
94 100
96 75.6 73.8 110.8



#16
Acetone
Concen: 2.054 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.018 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 43 Resp: 12882
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7

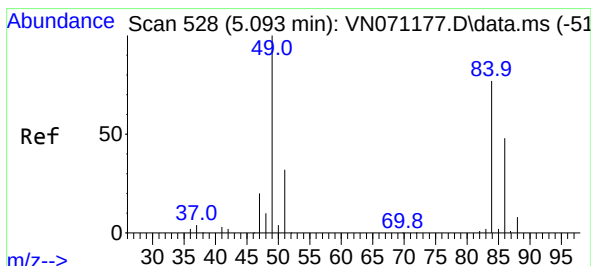
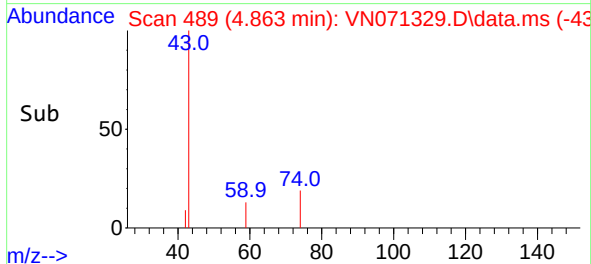
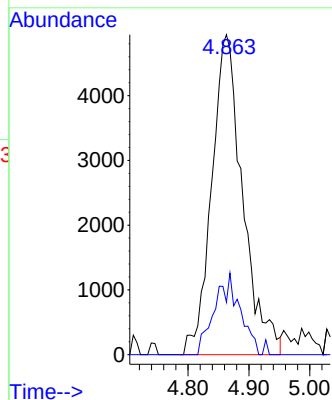
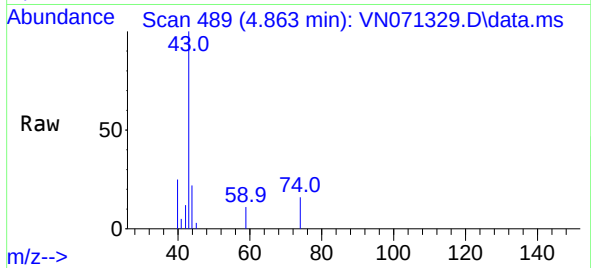




#18
Methyl Acetate
Concen: 1.498 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

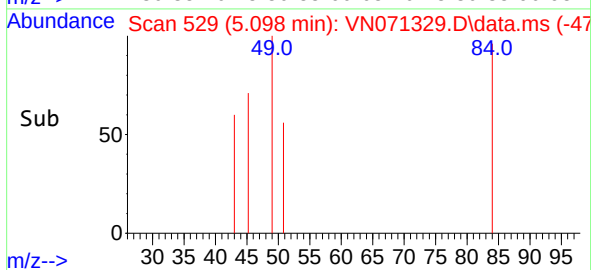
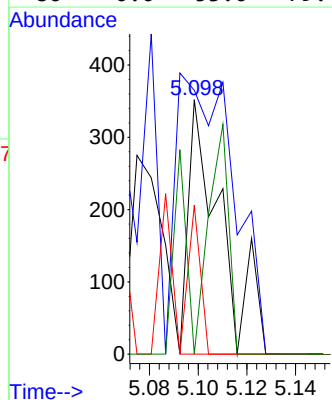
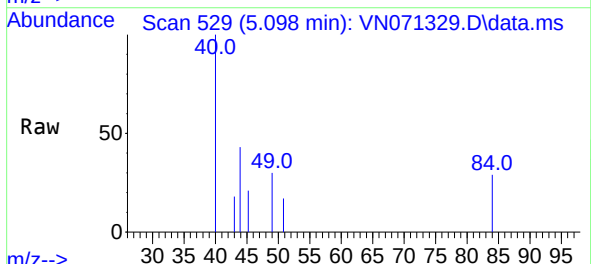
Instrument :
MSVOA_N
ClientSampleId :
MP-1

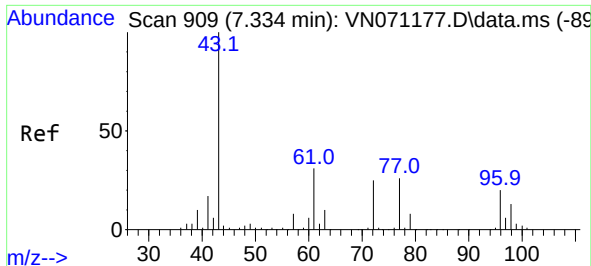
Tgt Ion: 43 Resp: 17475
Ion Ratio Lower Upper
43 100
74 10.8 19.4 29.2#



#20
Methylene Chloride
Concen: 0.410 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 84 Resp: 329
Ion Ratio Lower Upper
84 100
49 103.7 93.5 140.3
51 58.5 29.4 44.2#
86 0.0 53.0 79.4#





#25

2-Butanone

Concen: 0.204 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.006 min

Lab File: VN071329.D

Acq: 16 Mar 2022 18:49

Instrument :

MSVOA_N

ClientSampleId :

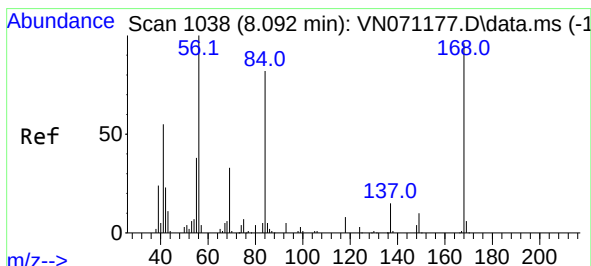
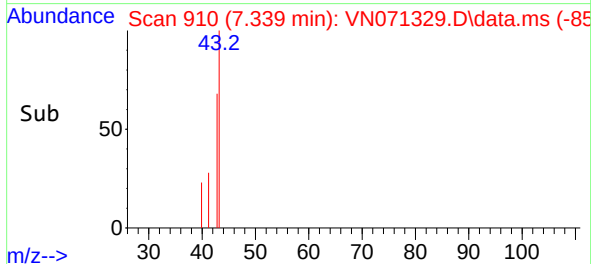
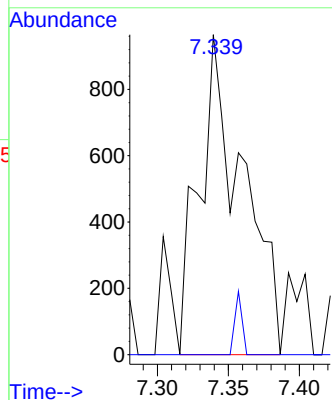
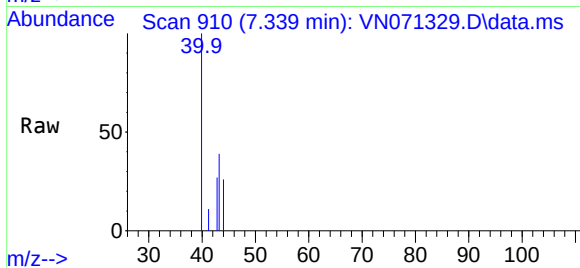
MP-1

Tgt Ion: 43 Resp: 2059

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.006 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071329.D

Acq: 16 Mar 2022 18:49

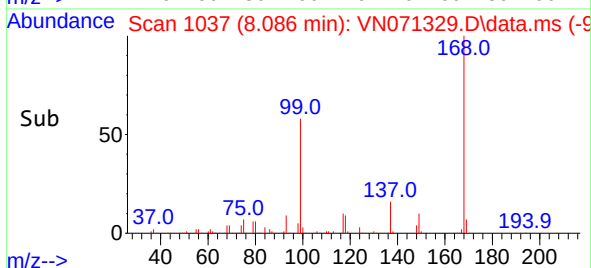
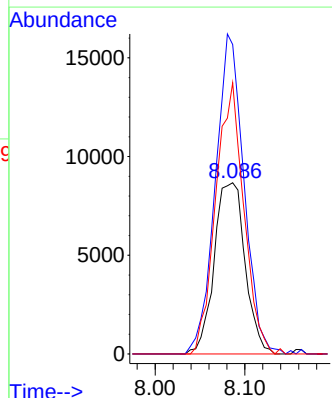
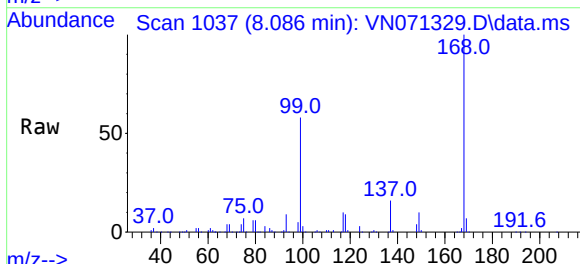
Tgt Ion: 56 Resp: 20711

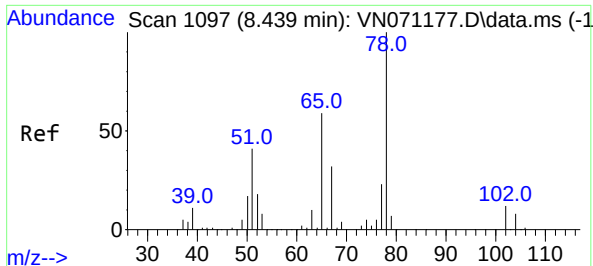
Ion Ratio Lower Upper

56 100

69 180.7 27.1 40.7#

84 158.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 45.537 ug/l

RT: 8.433 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN071329.D

Acq: 16 Mar 2022 18:49

Instrument :

MSVOA_N

ClientSampleId :

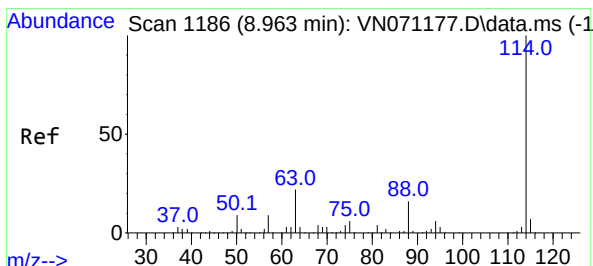
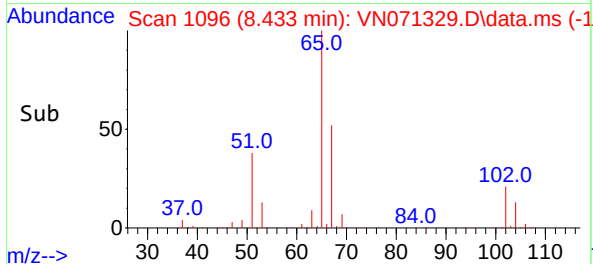
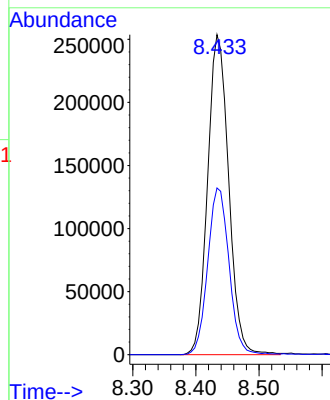
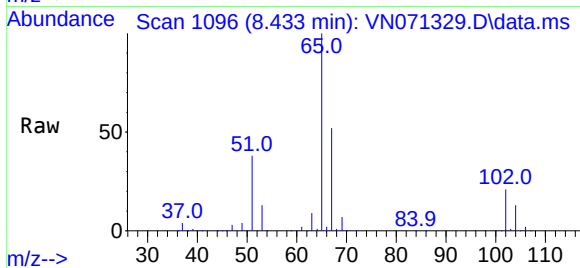
MP-1

Tgt Ion: 65 Resp: 587026

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071329.D

Acq: 16 Mar 2022 18:49

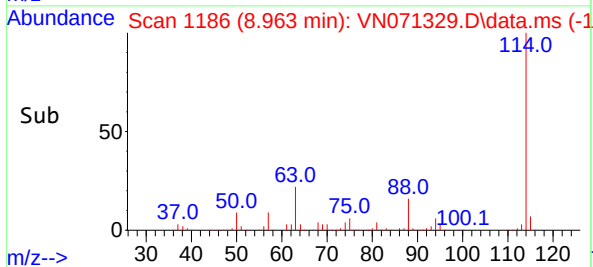
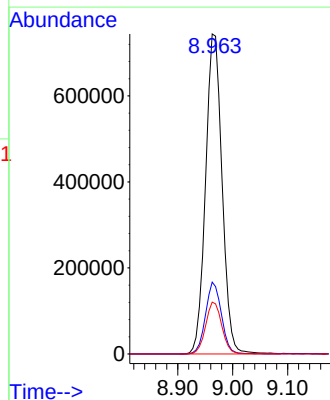
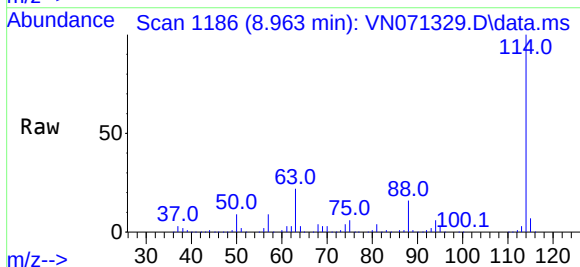
Tgt Ion:114 Resp: 1553846

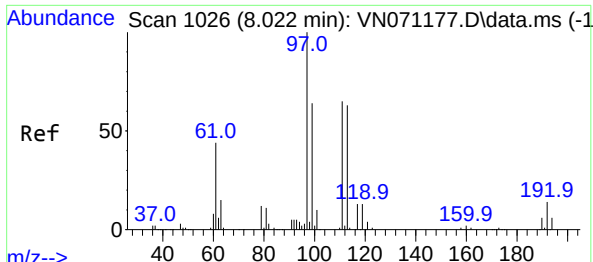
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.2 0.0 27.4

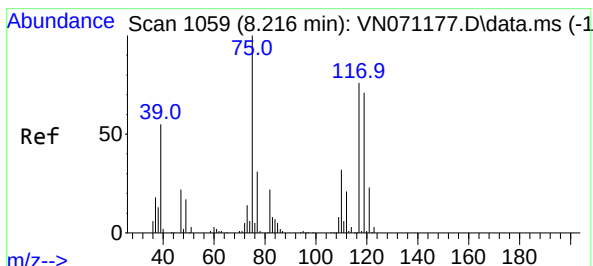
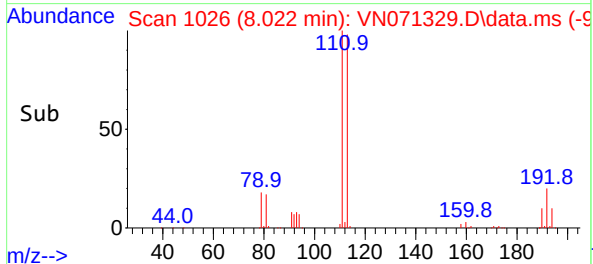
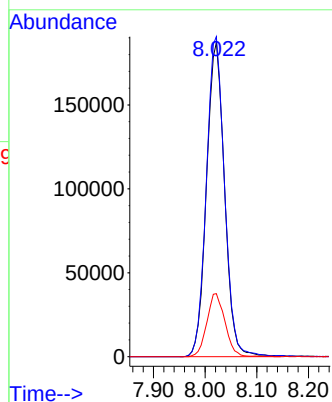
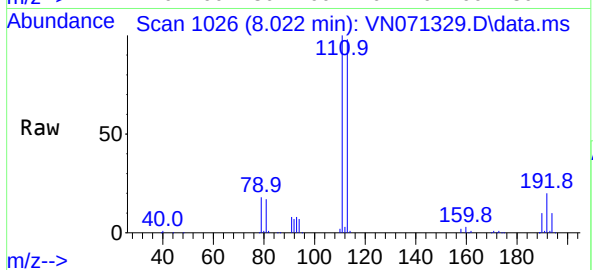




#35
Dibromofluoromethane
Concen: 46.243 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

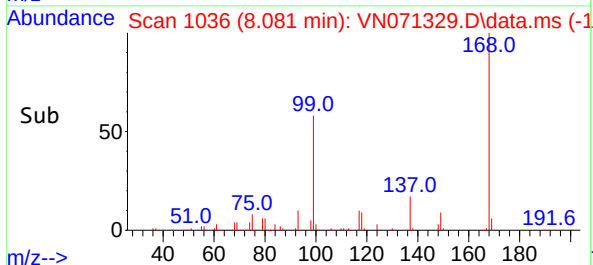
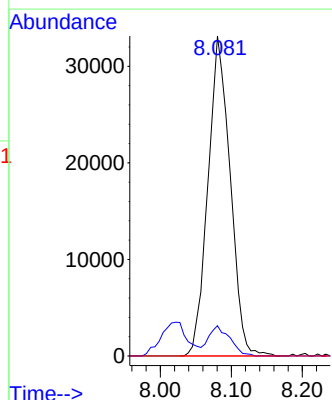
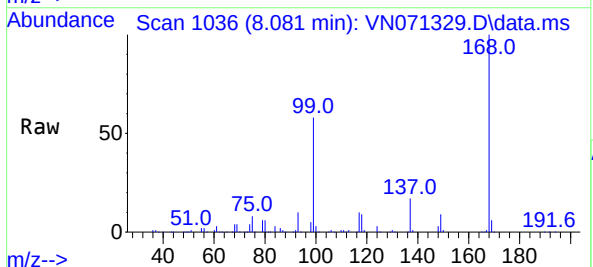
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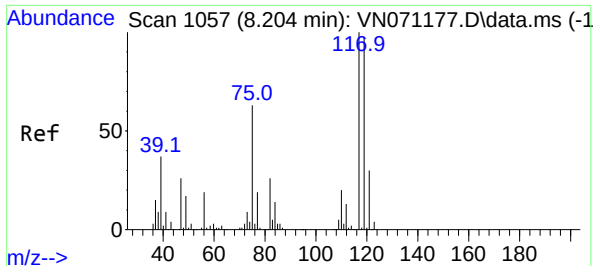
Tgt Ion:113 Resp: 453423
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.589 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 75 Resp: 72087
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#

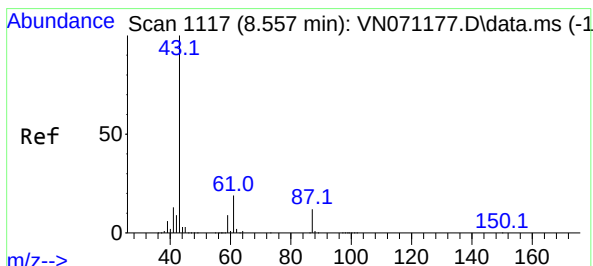
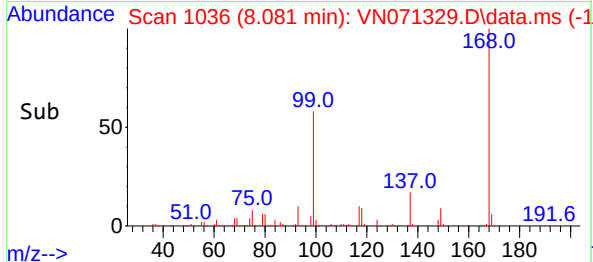
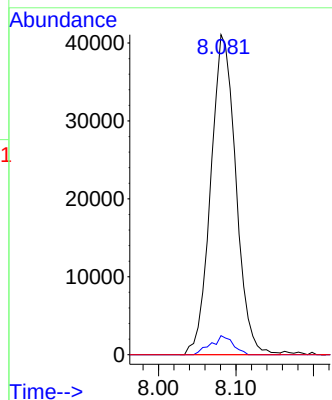
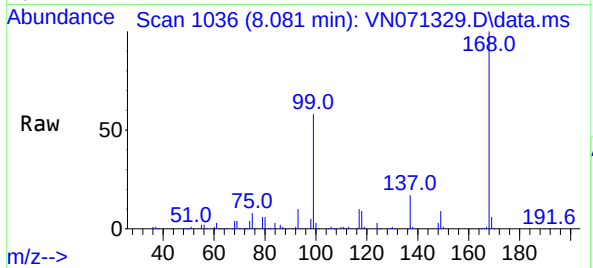




#38
Carbon Tetrachloride
Concen: 6.098 ug/l
RT: 8.081 min Scan# 1139
Delta R.T. -0.124 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

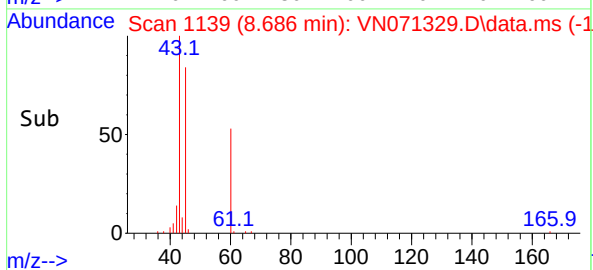
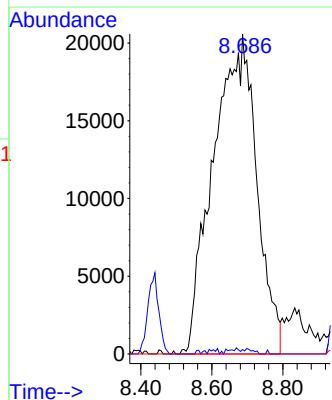
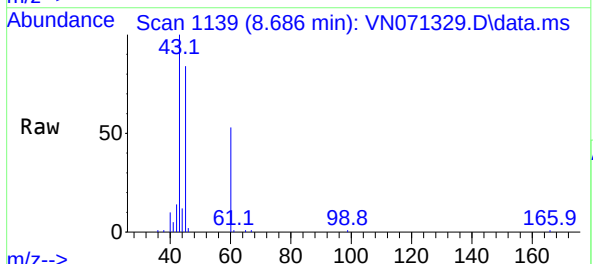
Instrument :
MSVOA_N
ClientSampleId :
MP-1

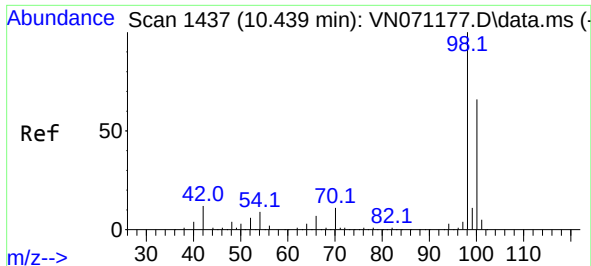
Tgt Ion:117 Resp: 92659
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 5.402 ug/l
RT: 8.686 min Scan# 1139
Delta R.T. 0.129 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 43 Resp: 174675
Ion Ratio Lower Upper
43 100
61 0.4 20.4 30.6#
87 0.0 11.2 16.8#

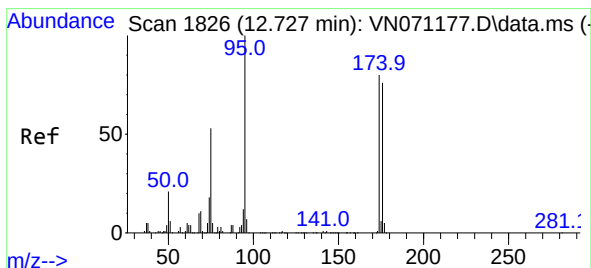
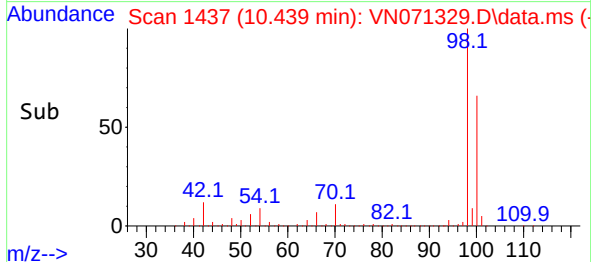
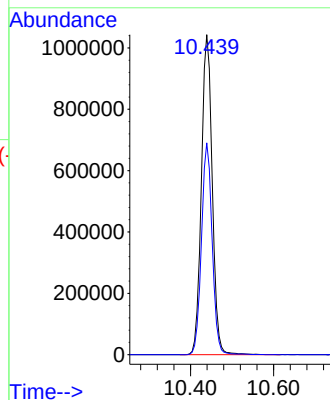
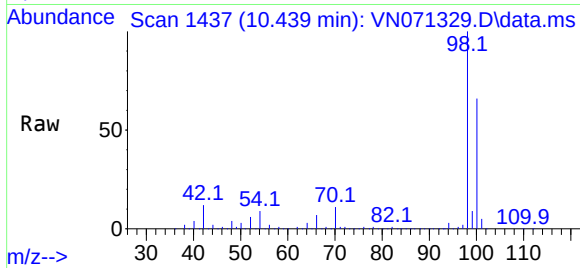




#50
Toluene-d8
Concen: 47.935 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

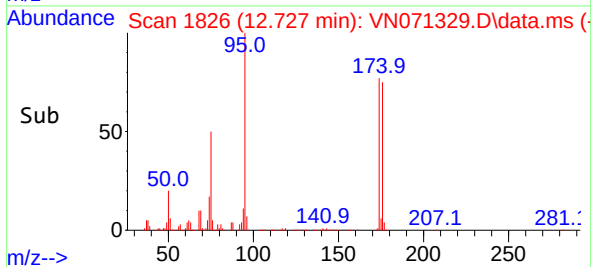
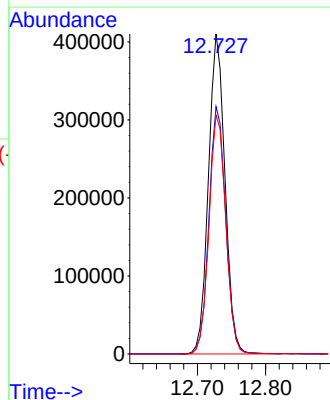
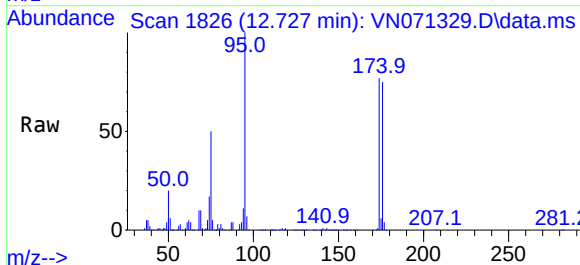
Instrument :
MSVOA_N
ClientSampleId :
MP-1

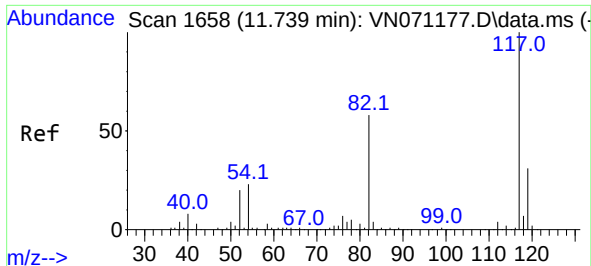
Tgt Ion: 98 Resp: 1892428
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.805 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 95 Resp: 692560
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 75.8 0.0 181.4

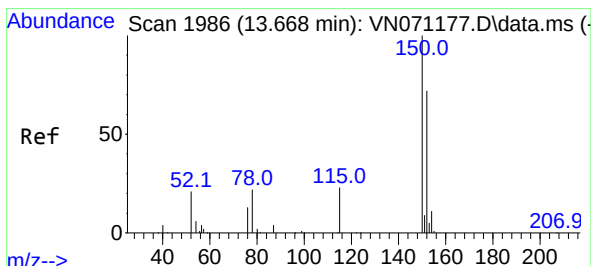
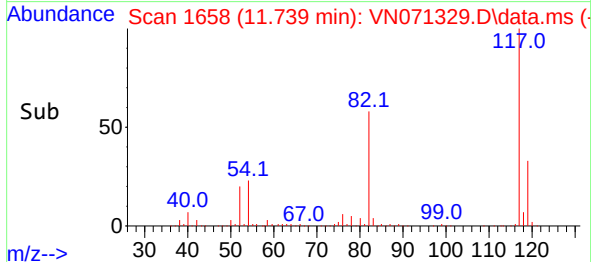
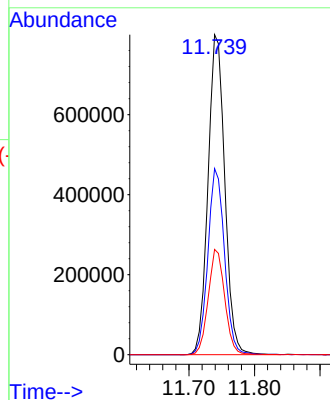
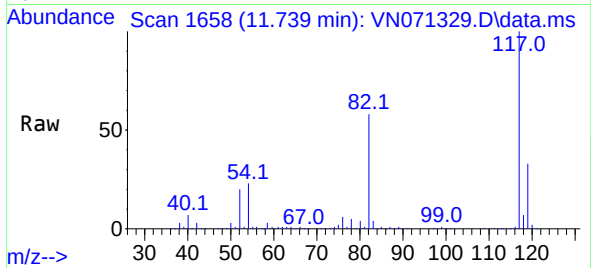




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

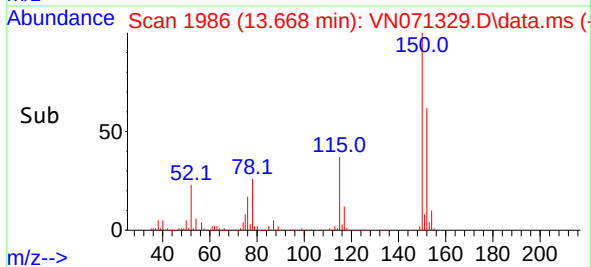
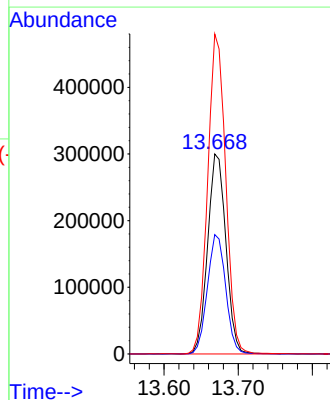
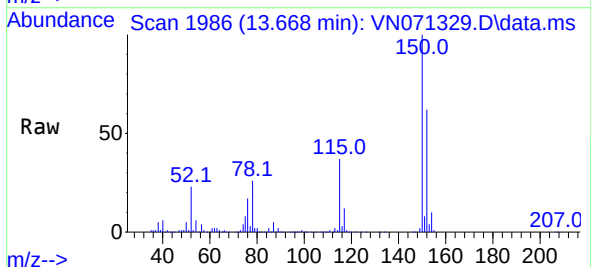
Instrument :
MSVOA_N
ClientSampleId :
MP-1

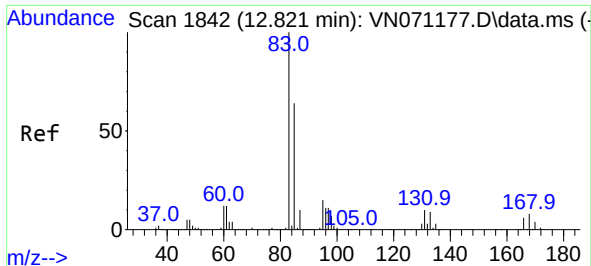
Tgt Ion:117 Resp: 1423706
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion:152 Resp: 514052
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 158.0 0.0 344.4

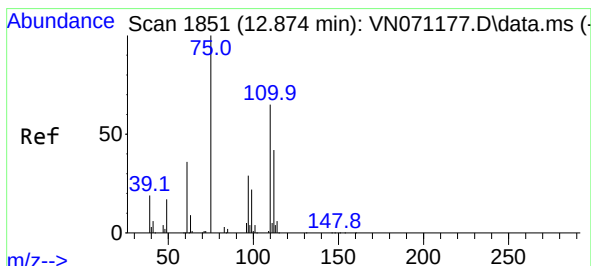
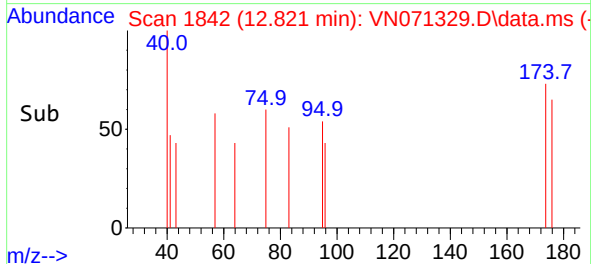
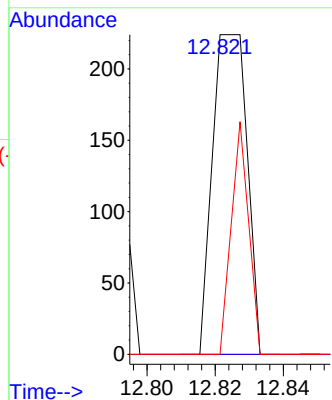
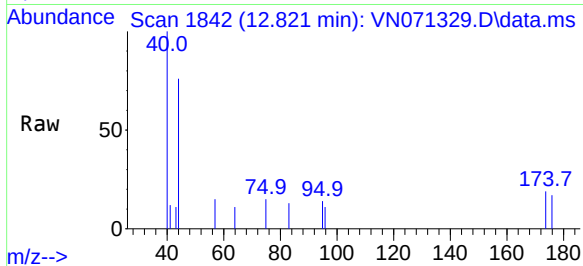




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

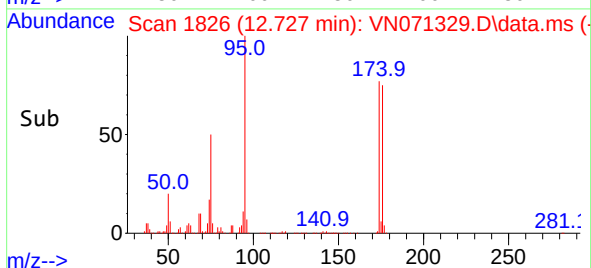
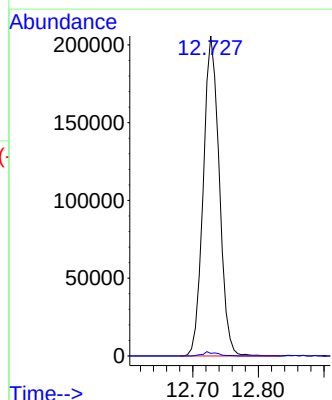
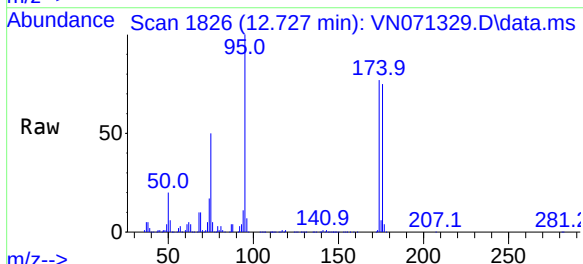
Instrument :
MSVOA_N
ClientSampleId :
MP-1

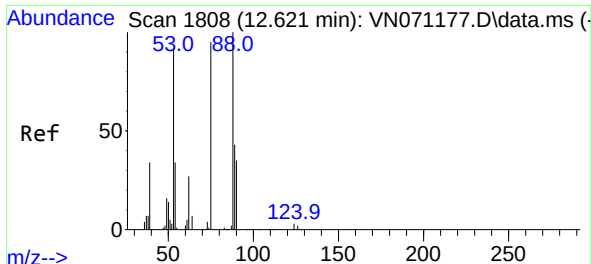
Tgt Ion: 83 Resp: 158
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 36.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 26.739 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion: 75 Resp: 349496
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

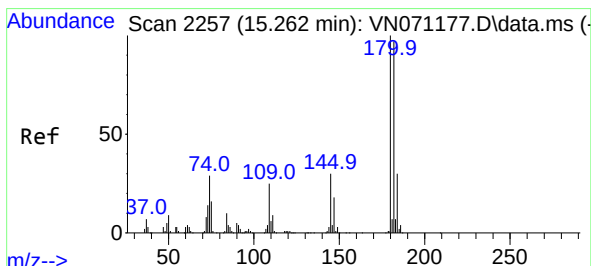
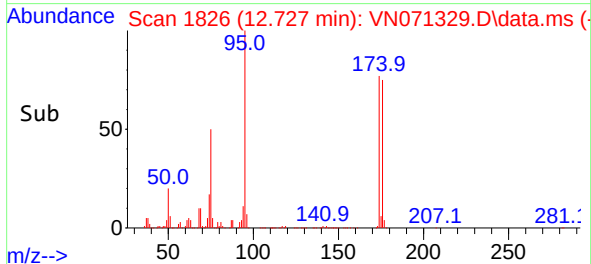
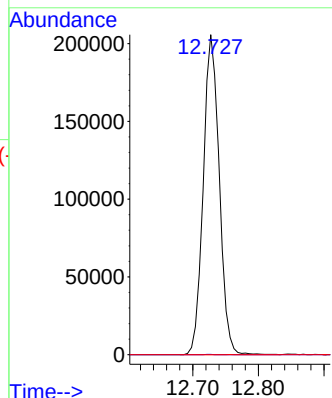
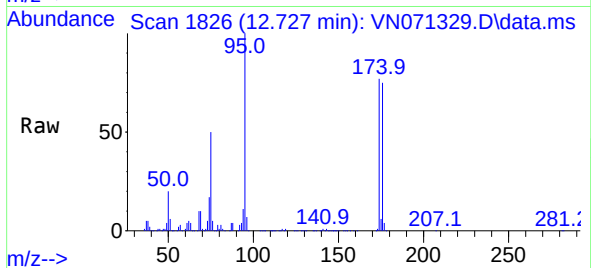




#81
trans-1,4-Dichloro-2-butene
Concen: 73.495 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

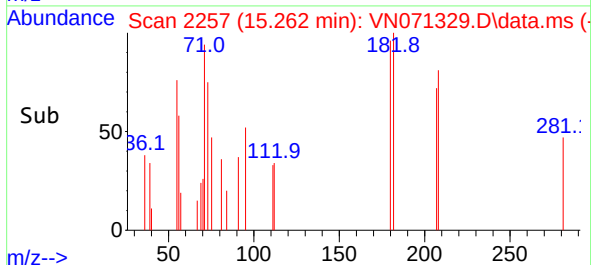
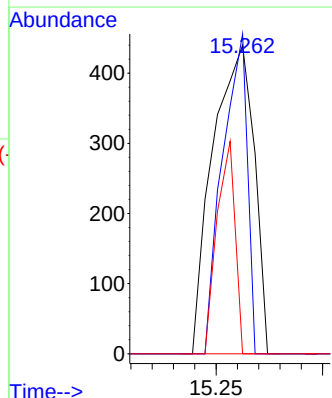
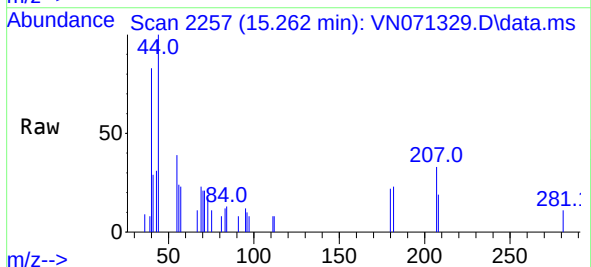
Instrument :
MSVOA_N
ClientSampleId :
MP-1

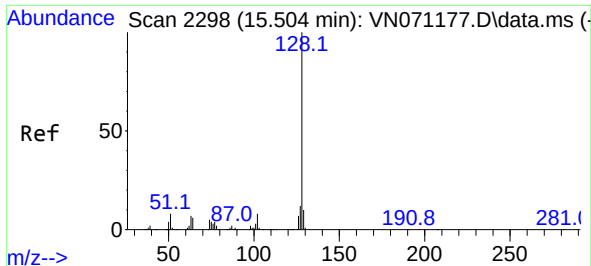
Tgt Ion: 75 Resp: 349496
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.055 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion:180 Resp: 592
Ion Ratio Lower Upper
180 100
182 62.2 48.3 144.9
145 30.2 14.5 43.5

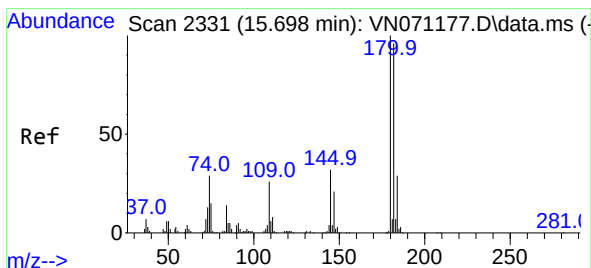
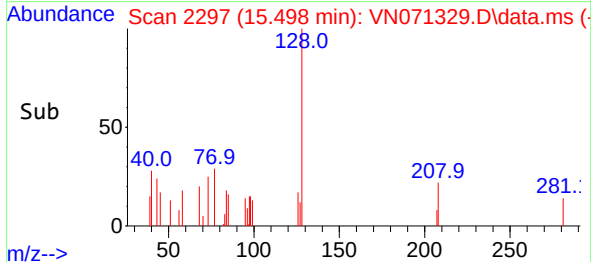
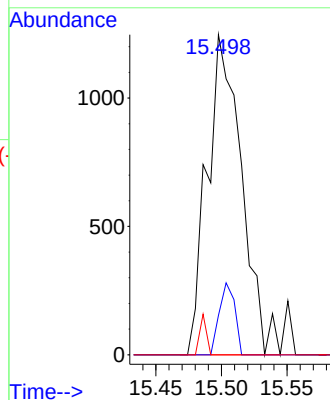
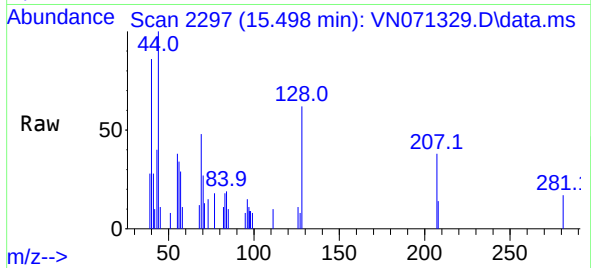




#95
Naphthalene
Concen: 5.155 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Instrument :
MSVOA_N
ClientSampleId :
MP-1

Tgt Ion:128 Resp: 2286
Ion Ratio Lower Upper
128 100
127 10.0 10.5 15.7#
129 2.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.781 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071329.D
Acq: 16 Mar 2022 18:49

Tgt Ion:180 Resp: 423
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 12.5 15.0 45.1#

