

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073974.D
 Acq On : 17 Aug 2022 14:20
 Operator : JC\MD
 Sample : N4204-29
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Aug 18 00:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

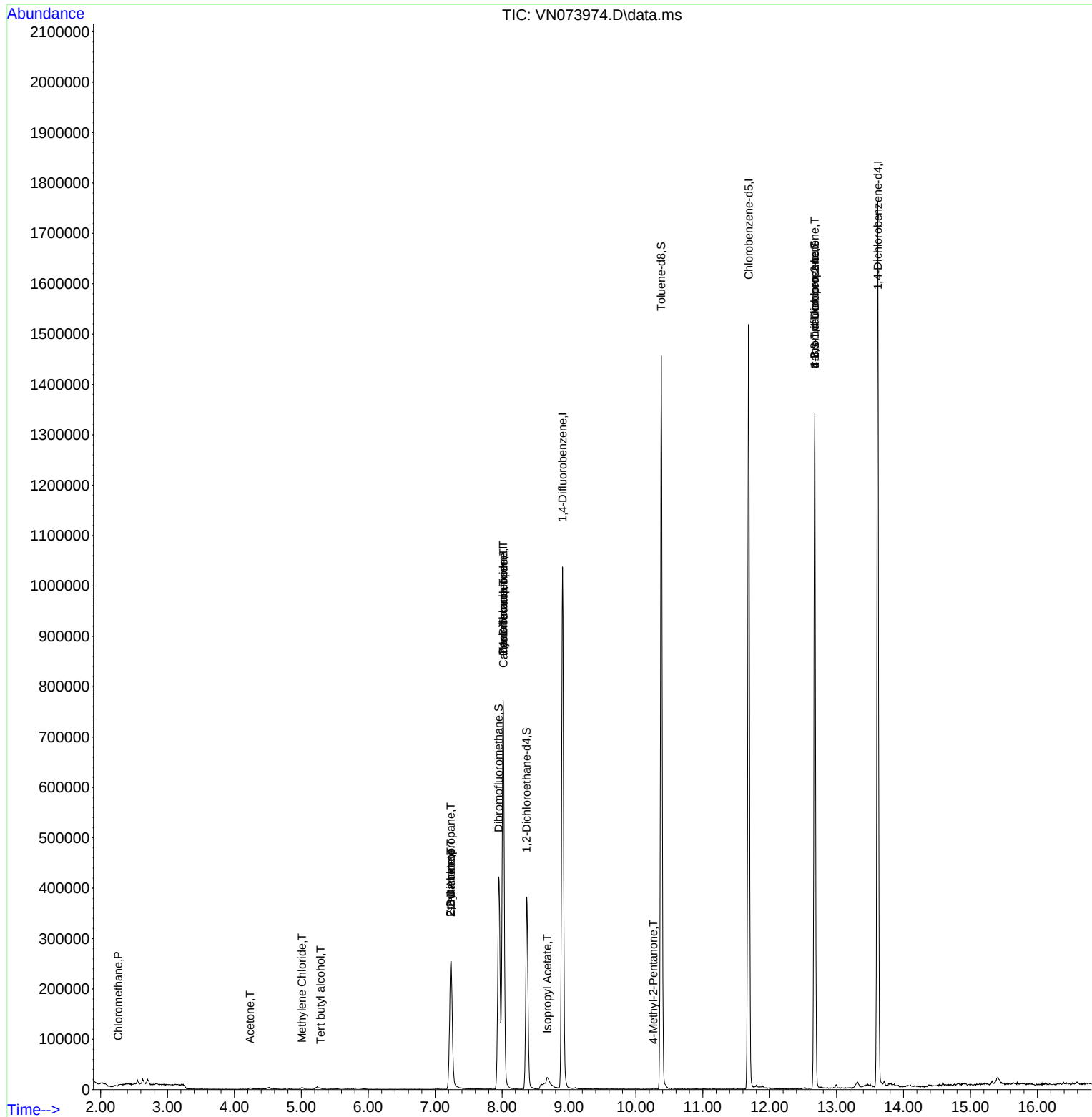
Internal Standards						
1) Pentafluorobenzene	8.016	168	666171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	979689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	937883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	517483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	317770	48.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	7.951	113	311146	53.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.400%		
50) Toluene-d8	10.380	98	1026621	45.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.674	95	440605	59.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	118.340%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	1182	0.201	ug/l	97
11) Tert butyl alcohol	5.287	59	3232	2.227	ug/l #	72
16) Acetone	4.234	43	5269	1.721	ug/l #	68
18) Methyl Acetate	4.781	43	5143	Below Cal		99
20) Methylene Chloride	5.010	84	1669	0.258	ug/l	87
25) 2-Butanone	7.233	43	11997	2.472	ug/l #	83
26) 2,2-Dichloropropane	7.233	77	19092	1.977	ug/l #	53
31) Cyclohexane	8.016	56	10480	1.159	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	42838	5.323	ug/l #	48
37) Ethyl Acetate	7.233	43	11997	1.231	ug/l #	1
38) Carbon Tetrachloride	8.022	117	58638	6.375	ug/l #	15
43) Isopropyl Acetate	8.675	43	49460	3.561	ug/l #	53
51) 4-Methyl-2-Pentanone	10.263	43	2151	0.229	ug/l #	59
76) 1,2,3-Trichloropropane	12.674	75	218630	20.327	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	218630	57.813	ug/l #	10

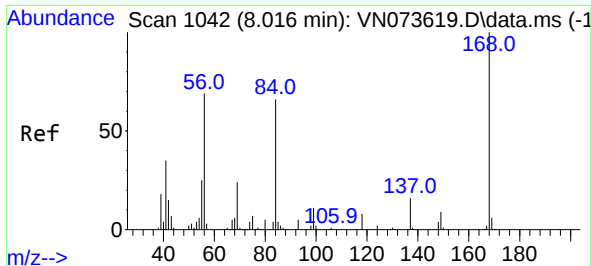
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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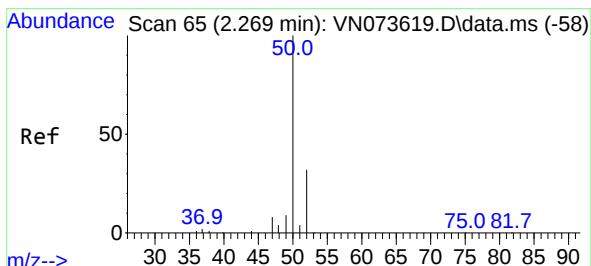
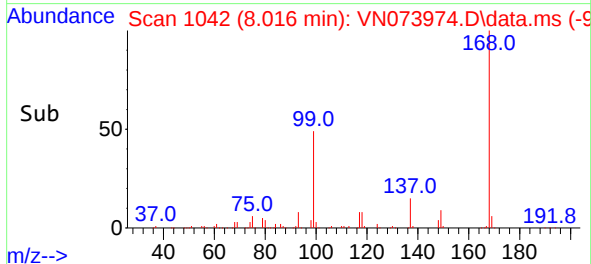
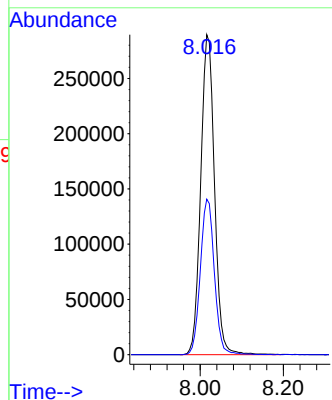
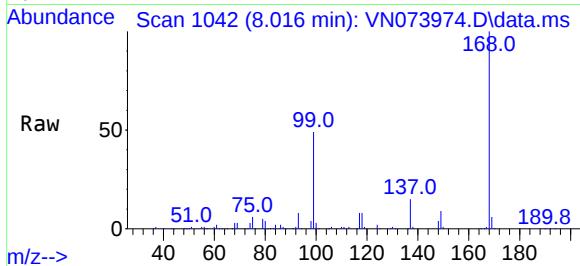




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

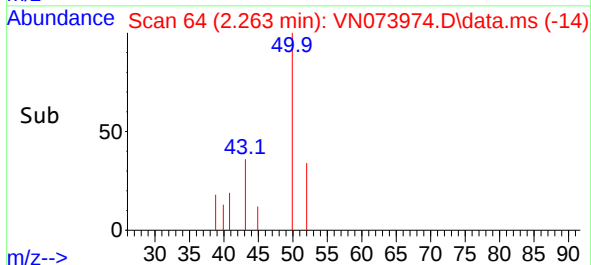
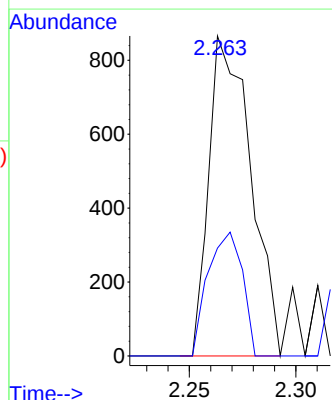
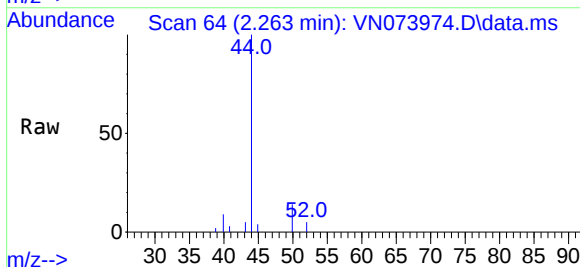
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MSVOA_N
ClientSampleId :
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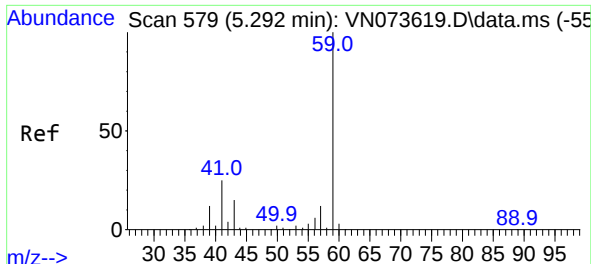
Tgt Ion:168 Resp: 666171
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 50 Resp: 1182
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5





#11

Tert butyl alcohol

Concen: 2.227 ug/l

RT: 5.287 min Scan# 51

Delta R.T. -0.005 min

Lab File: VN073974.D

Acq: 17 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

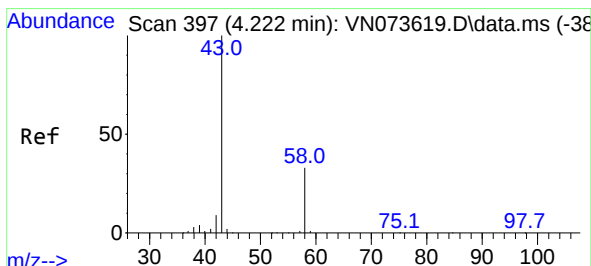
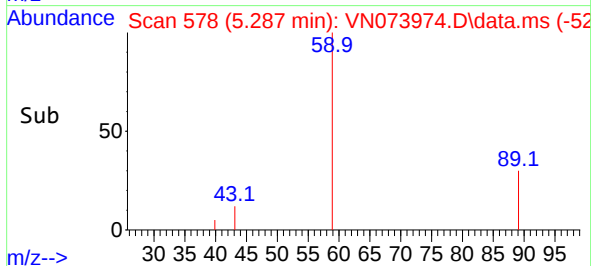
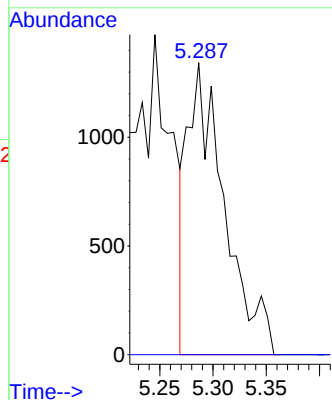
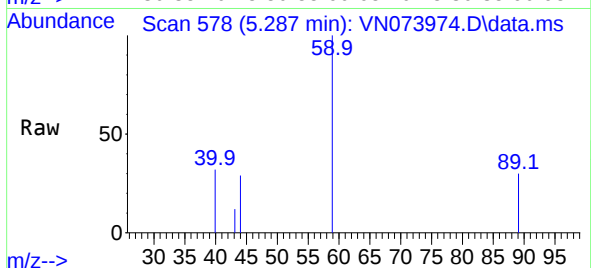
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Tgt Ion: 59 Resp: 3232

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.721 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073974.D

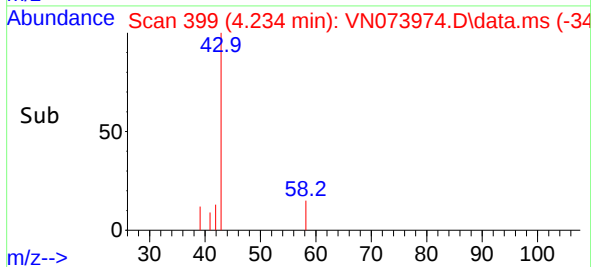
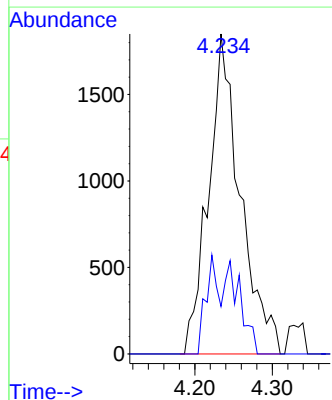
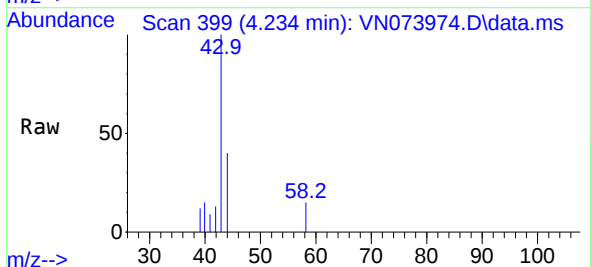
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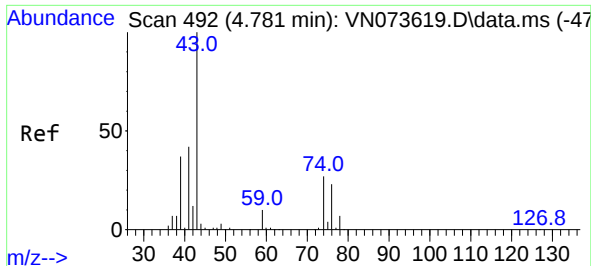
Tgt Ion: 43 Resp: 5269

Ion Ratio Lower Upper

43 100

58 14.8 26.0 39.0#

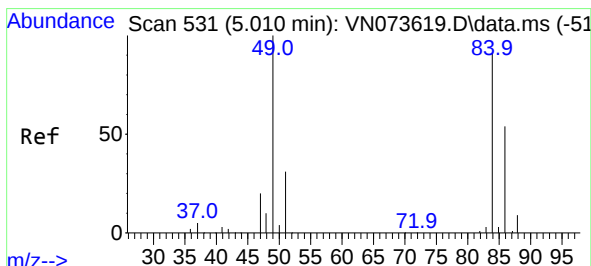
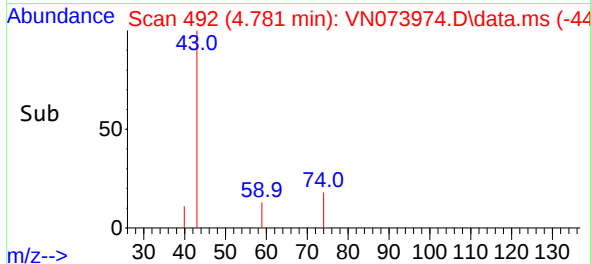
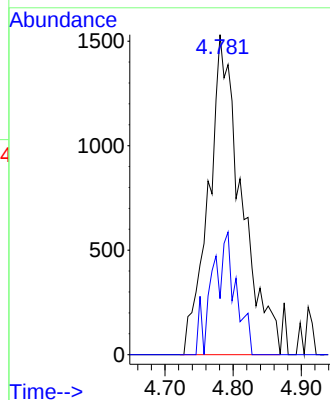
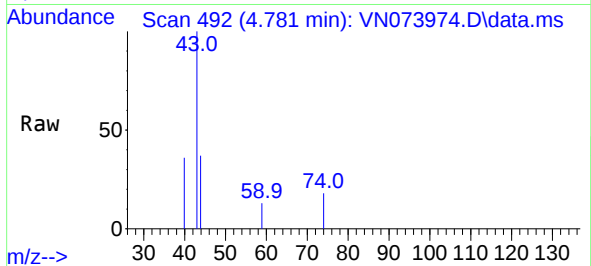




#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

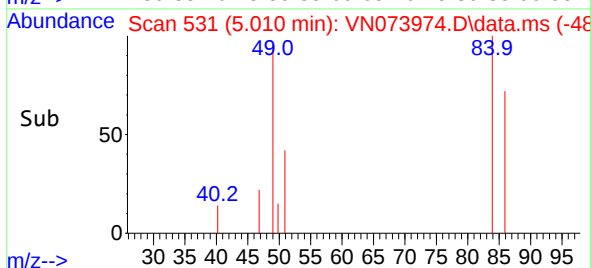
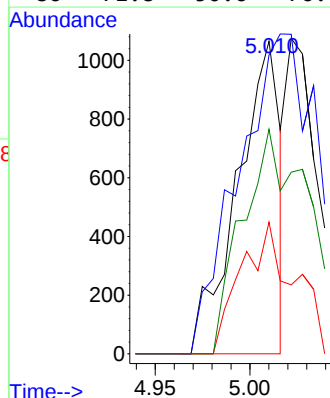
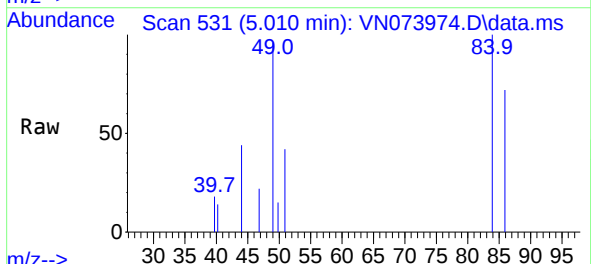
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MSVOA_N
ClientSampleId :
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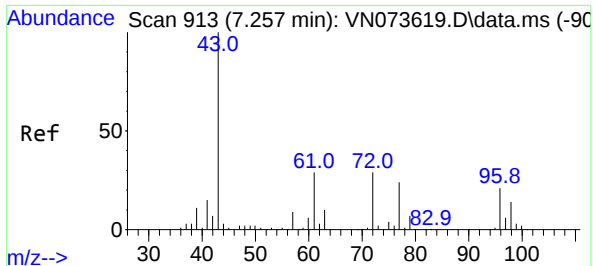
Tgt Ion: 43 Resp: 5143
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4



#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 84 Resp: 1669
Ion Ratio Lower Upper
84 100
49 95.6 88.3 132.5
51 42.2 28.2 42.2
86 71.8 50.6 76.0





#25

2-Butanone

Concen: 2.472 ug/l

RT: 7.233 min Scan# 909

Delta R.T. -0.024 min

Lab File: VN073974.D

Acq: 17 Aug 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

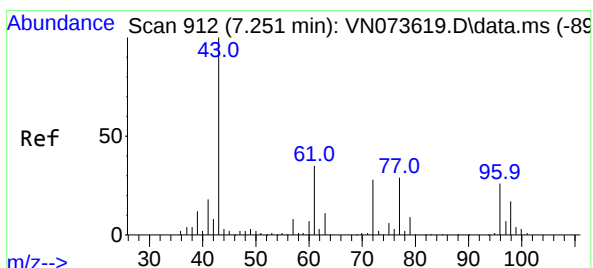
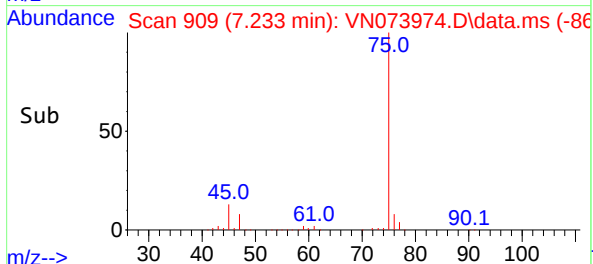
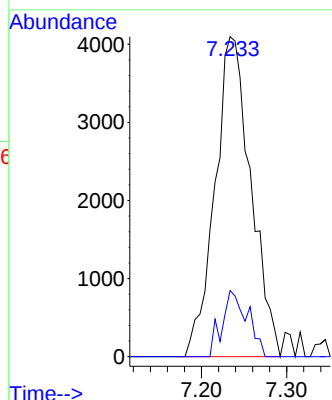
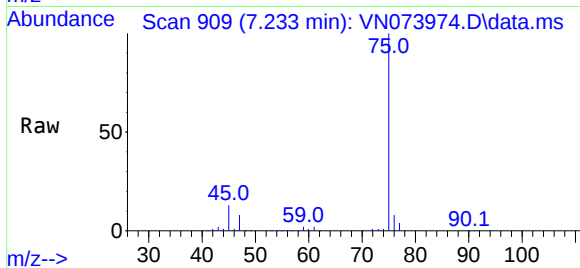
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Tgt Ion: 43 Resp: 11997

Ion Ratio Lower Upper

43 100

72 20.7 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 1.977 ug/l

RT: 7.233 min Scan# 909

Delta R.T. -0.018 min

Lab File: VN073974.D

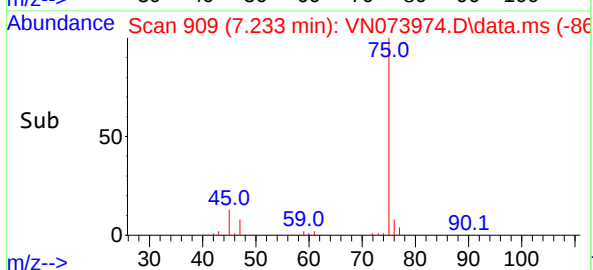
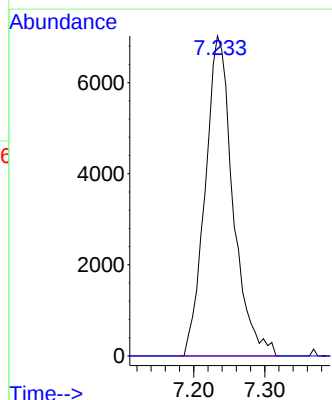
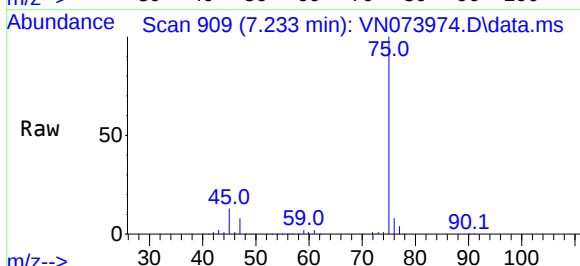
Acq: 17 Aug 2022 14:20

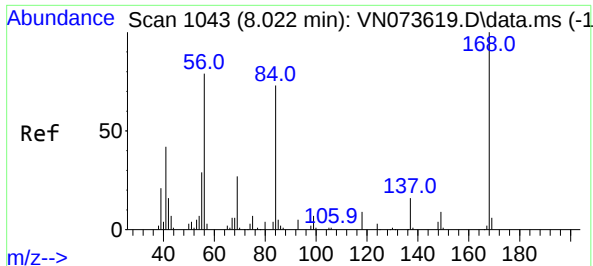
Tgt Ion: 77 Resp: 19092

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

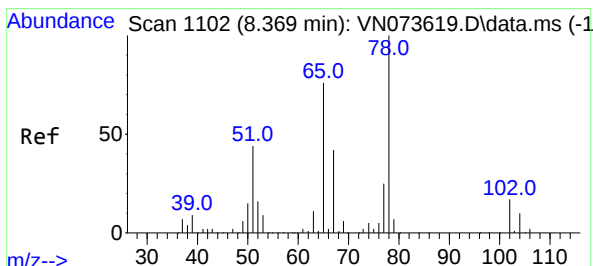
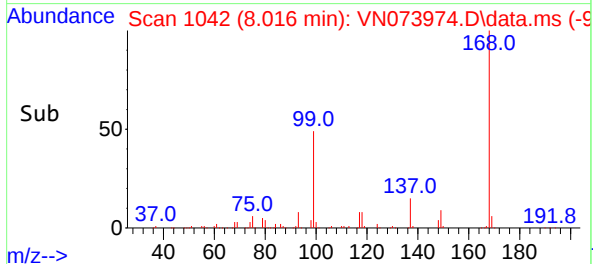
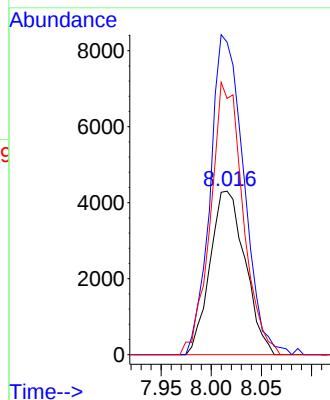
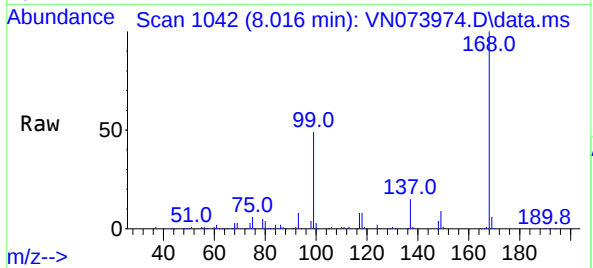




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

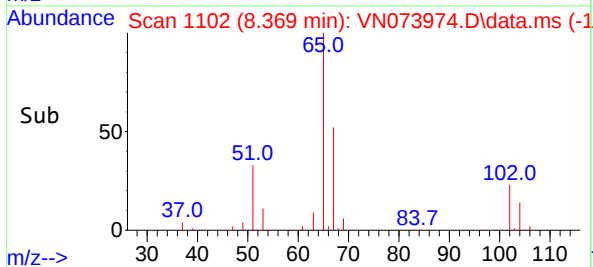
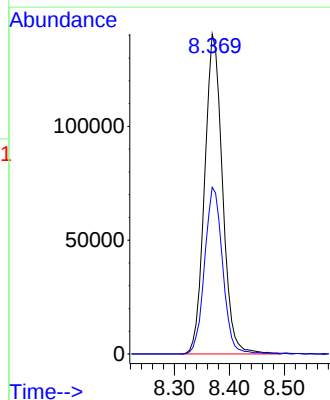
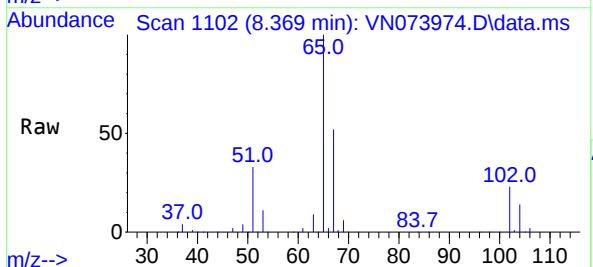
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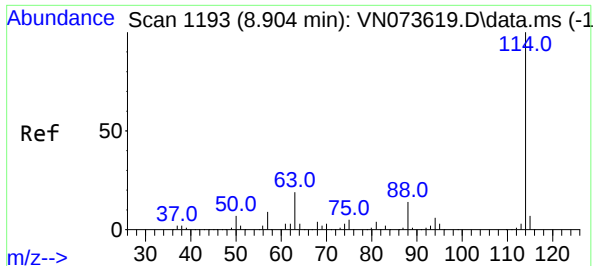
Tgt Ion: 56 Resp: 10480
Ion Ratio Lower Upper
56 100
69 191.1 27.8 41.8#
84 156.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.975 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 65 Resp: 317770
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

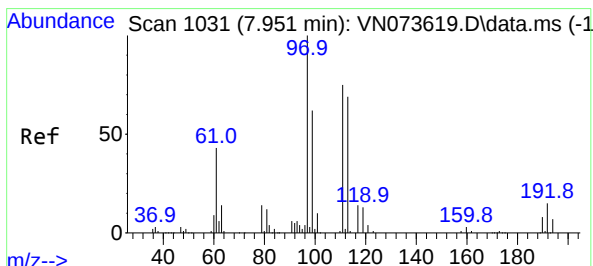
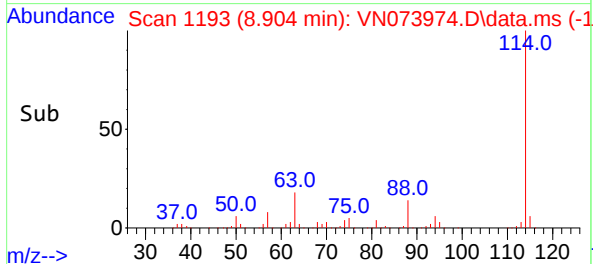
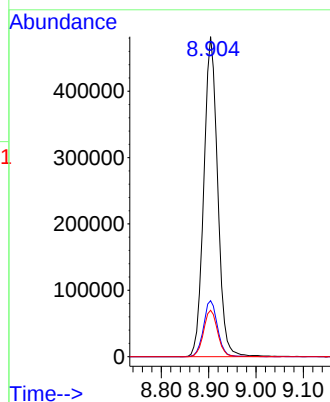
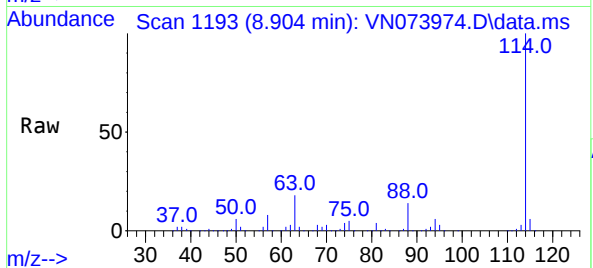




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

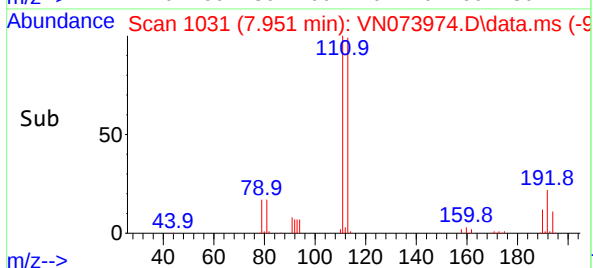
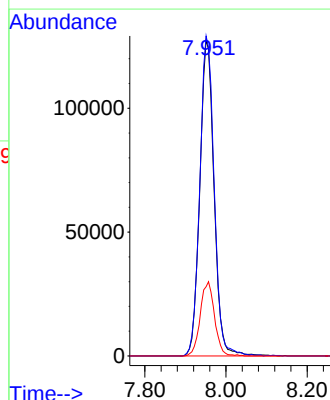
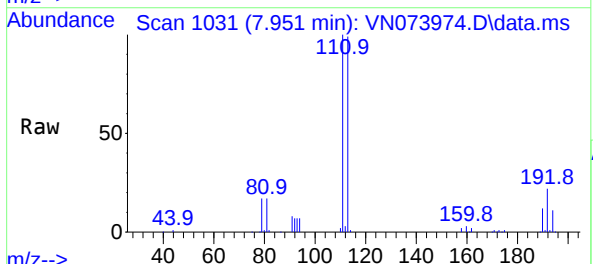
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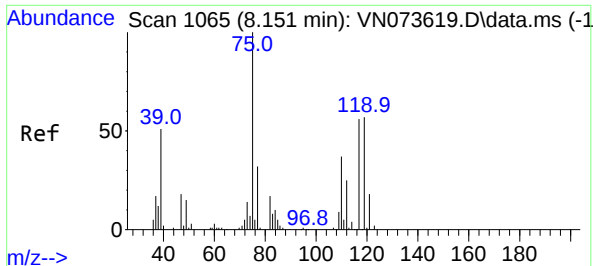
Tgt Ion:114 Resp: 979689
Ion Ratio Lower Upper
114 100
63 17.5 0.0 40.0
88 14.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.704 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion:113 Resp: 311146
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 23.6 17.0 25.6

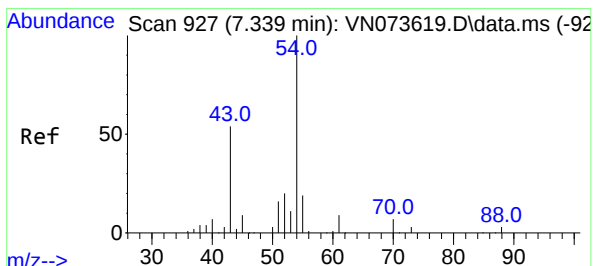
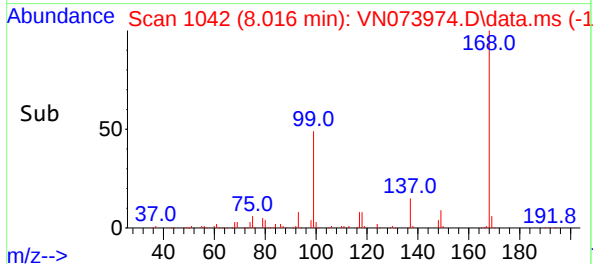
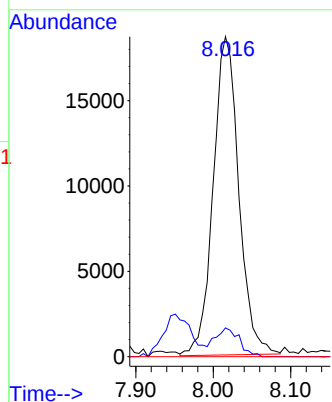
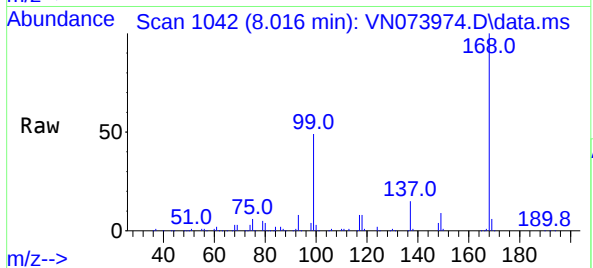




#36
1,1-Dichloropropene
Concen: 5.323 ug/l
RT: 8.016 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

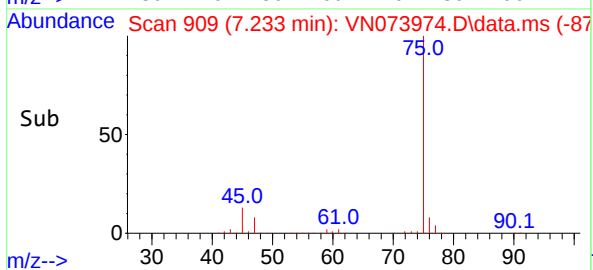
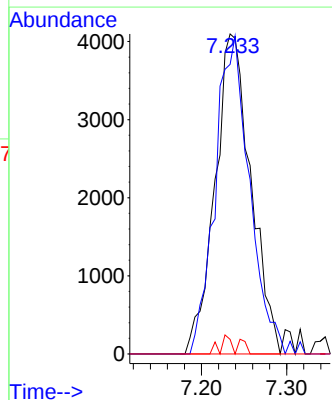
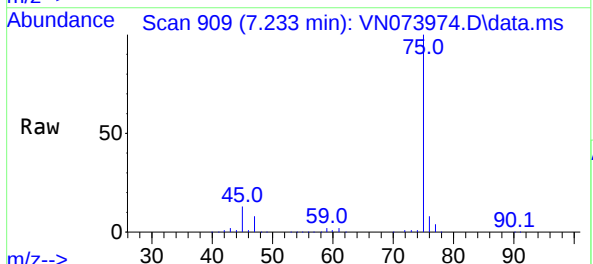
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ClientSampleId :
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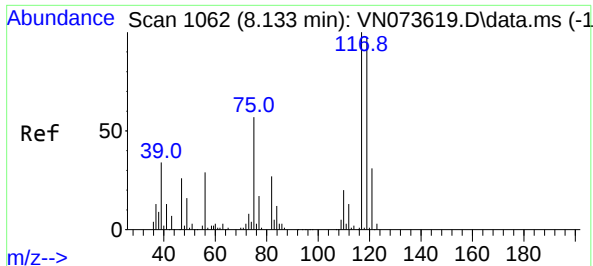
Tgt Ion: 75 Resp: 42838
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.231 ug/l
RT: 7.233 min Scan# 909
Delta R.T. -0.106 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 43 Resp: 11997
Ion Ratio Lower Upper
43 100
61 94.6 11.8 17.6#
70 1.0 9.3 13.9#

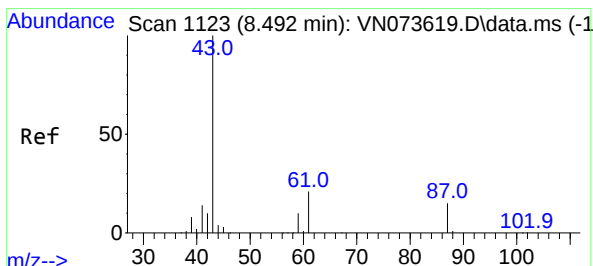
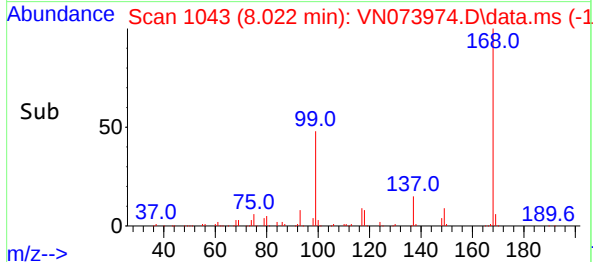
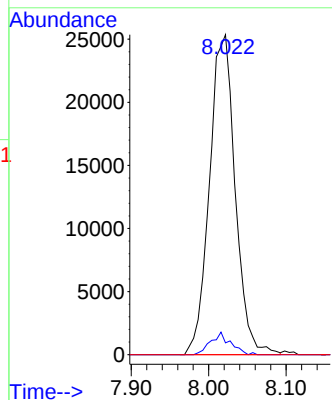
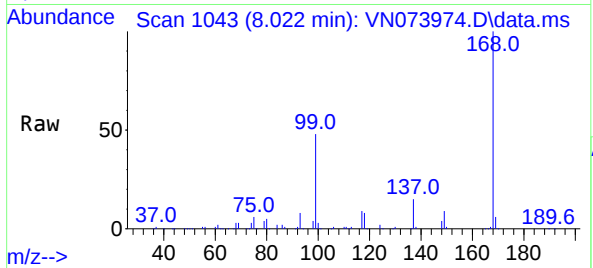




#38
Carbon Tetrachloride
Concen: 6.375 ug/l
RT: 8.022 min Scan# 1104
Delta R.T. -0.111 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

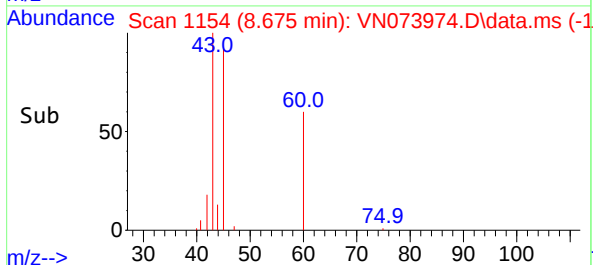
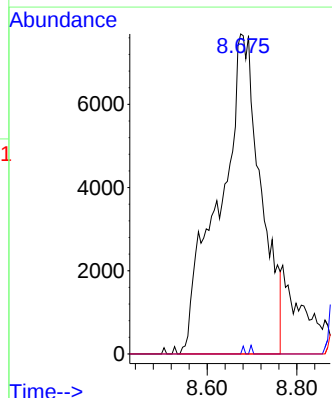
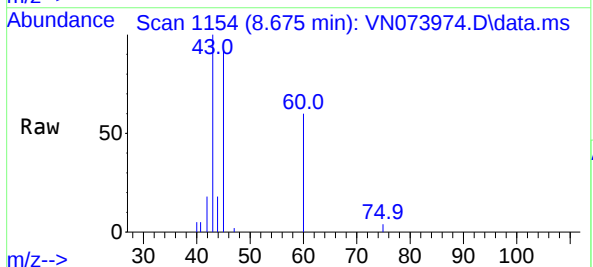
Instrument :
MSVOA_N
ClientSampleId :
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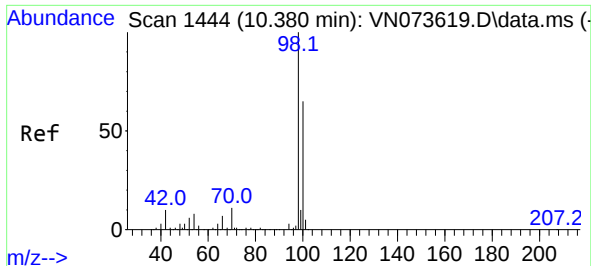
Tgt Ion:117 Resp: 58638
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 3.561 ug/l
RT: 8.675 min Scan# 1154
Delta R.T. 0.183 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 43 Resp: 49460
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

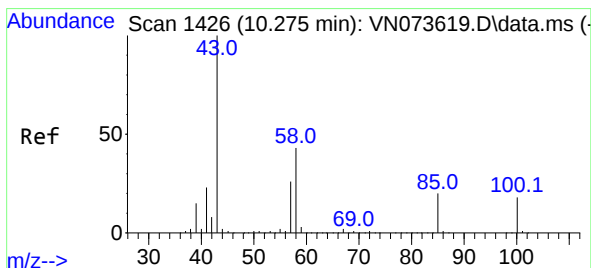
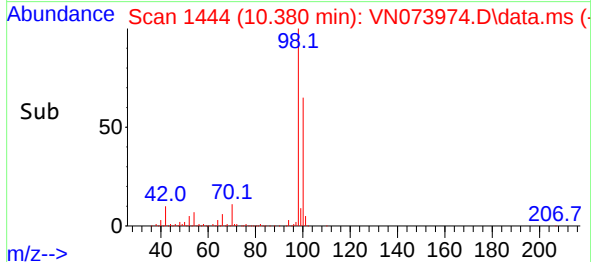
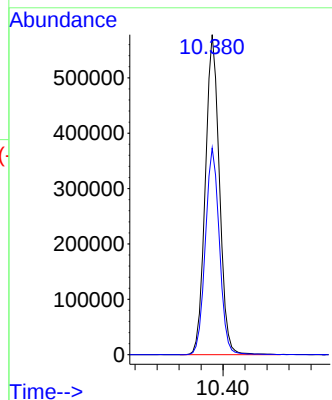
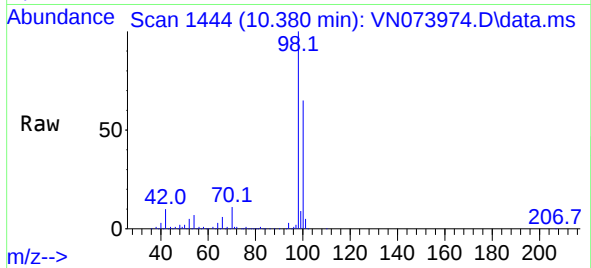




#50
Toluene-d8
Concen: 45.752 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

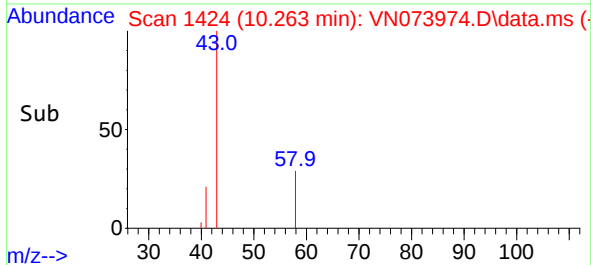
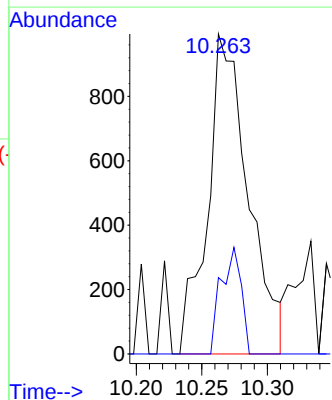
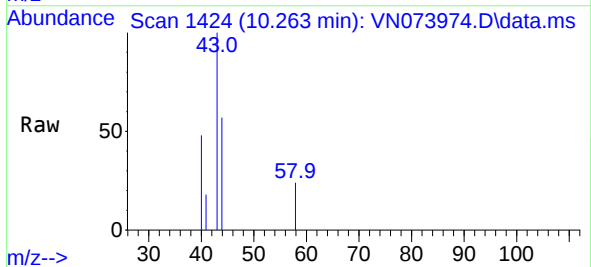
Instrument :
MSVOA_N
ClientSampleId :
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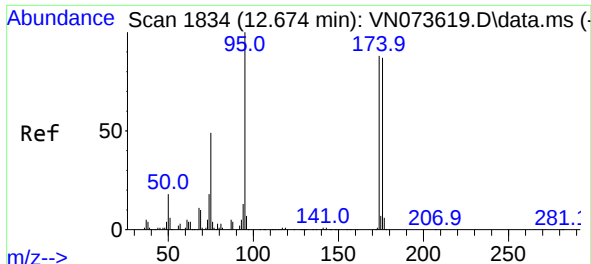
Tgt Ion: 98 Resp: 1026621
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.229 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
58 16.3 34.1 51.1#

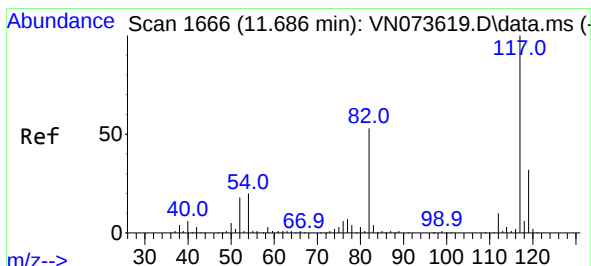
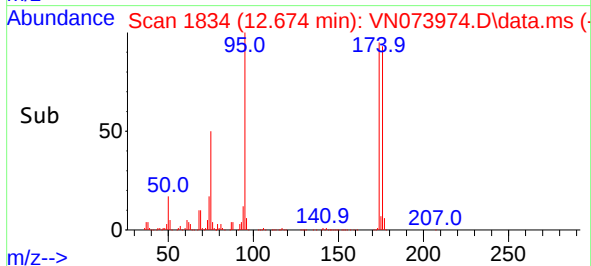
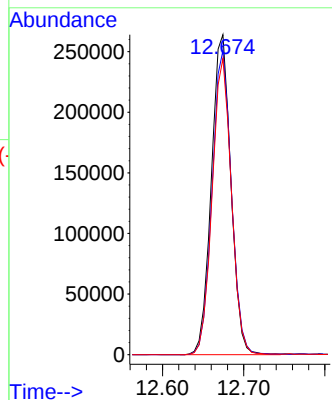
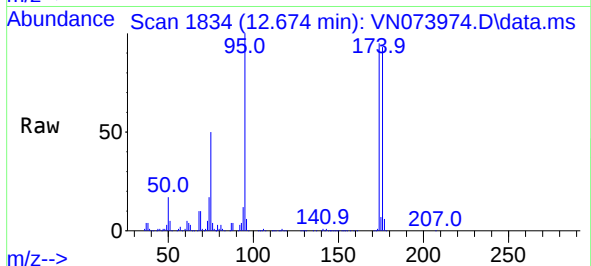




#62
4-Bromofluorobenzene
Concen: 59.165 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

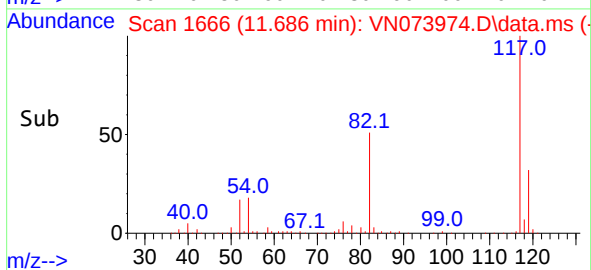
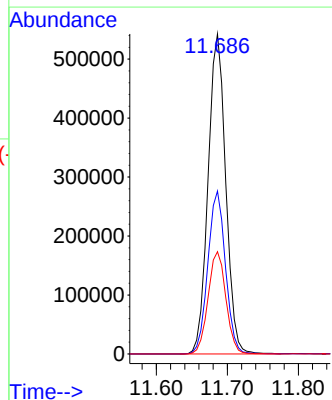
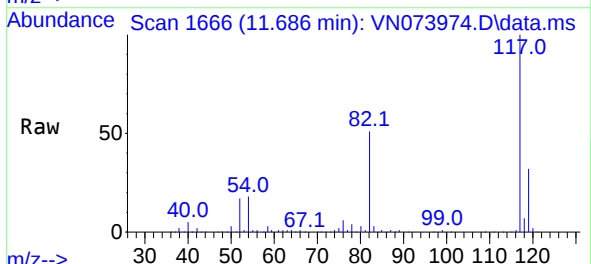
Instrument :
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ClientSampleId :
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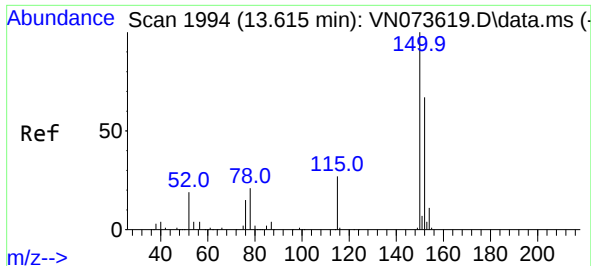
Tgt Ion: 95 Resp: 440605
Ion Ratio Lower Upper
95 100
174 94.0 0.0 167.6
176 91.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

Tgt Ion: 117 Resp: 937883
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 31.9 25.4 38.0

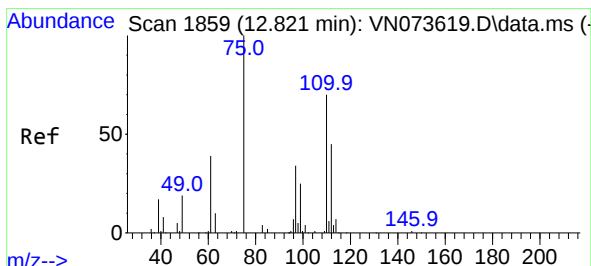
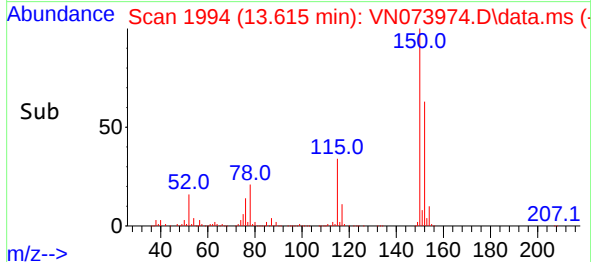
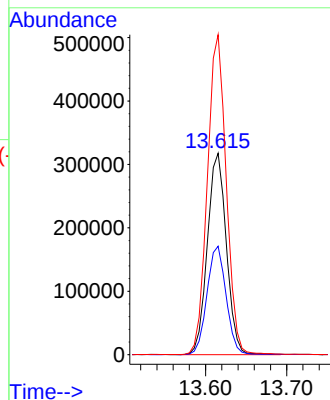
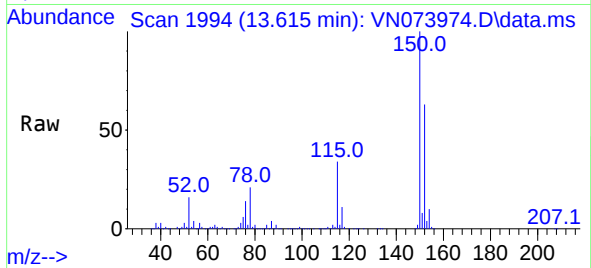




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

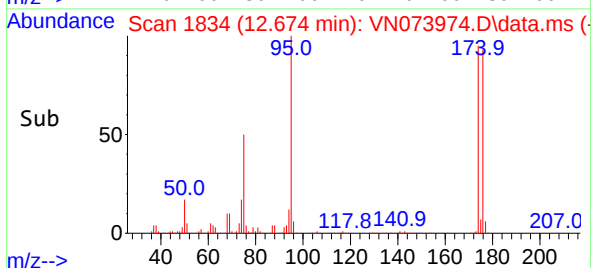
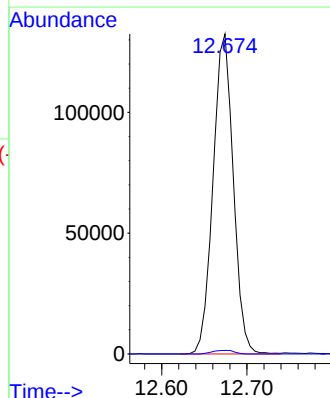
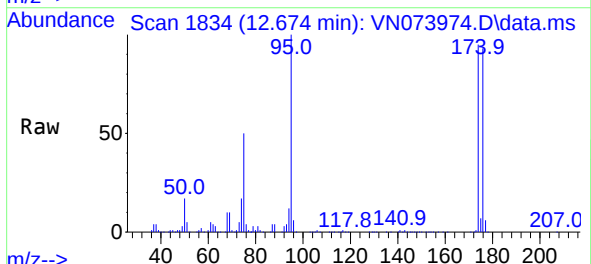
Instrument :
MSVOA_N
ClientSampleId :
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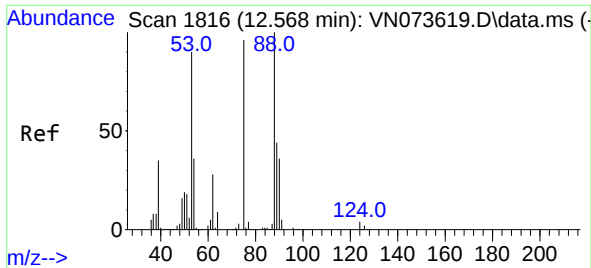
Tgt Ion:152 Resp: 517483
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 157.9 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.327 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073974.D
Acq: 17 Aug 2022 14:20

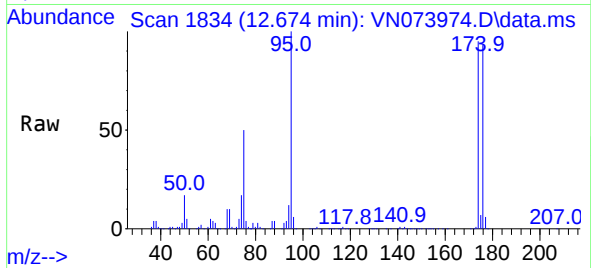
Tgt Ion: 75 Resp: 218630
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.813 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.106 min
 Lab File: VN073974.D
 Acq: 17 Aug 2022 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK



Tgt Ion: 75 Resp: 218630
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

