

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075715.D
 Acq On : 12 Dec 2022 16:05
 Operator : JC\MD
 Sample : N6000-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-120922

Quant Time: Dec 13 01:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

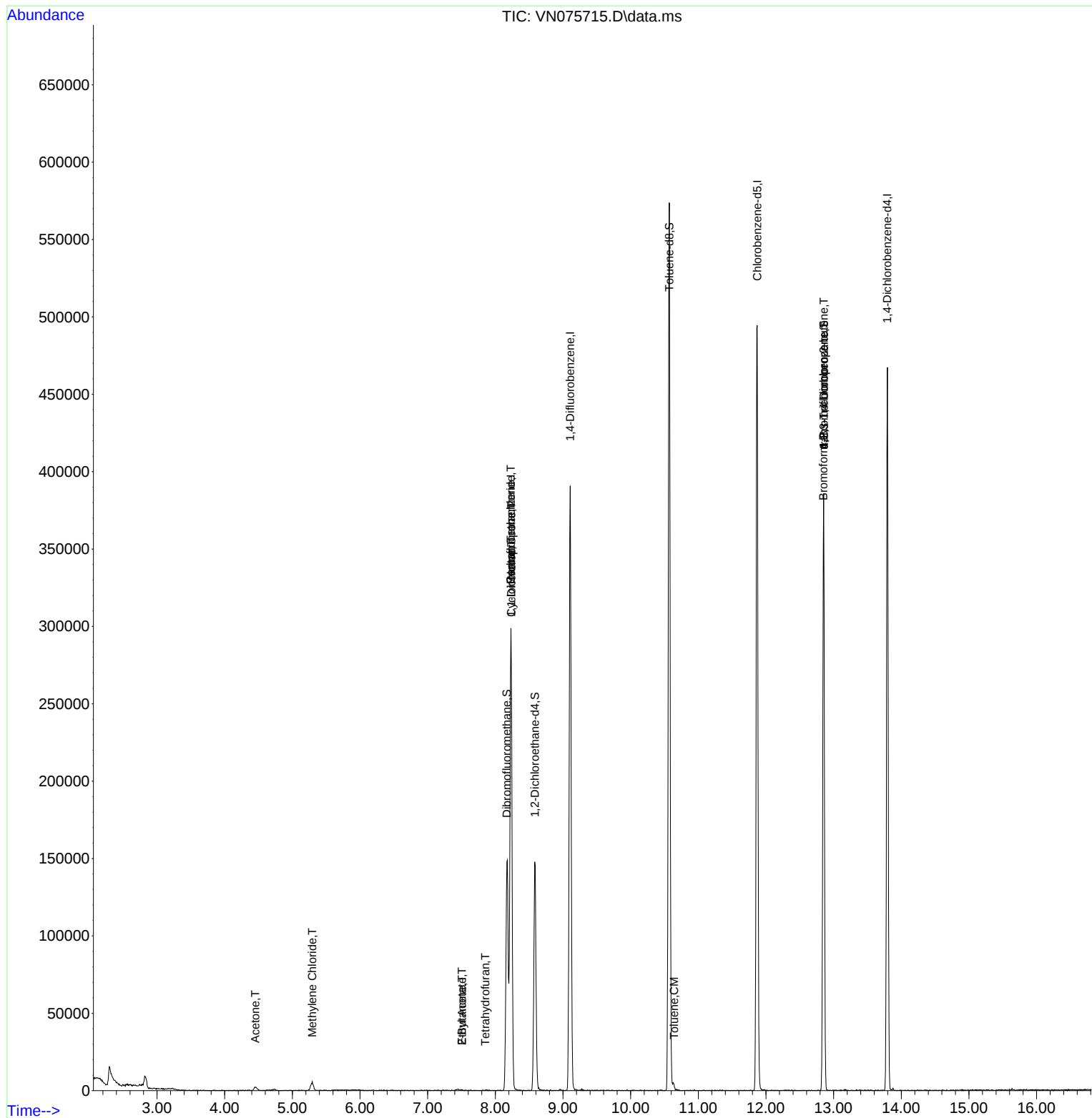
Internal Standards						
1) Pentafluorobenzene	8.229	168	230480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	312345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118502	48.458	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.920%		
35) Dibromofluoromethane	8.171	113	107490	49.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	10.571	98	412690	50.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.480%		
62) 4-Bromofluorobenzene	12.853	95	129883	46.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	4842	5.847	ug/l	99
20) Methylene Chloride	5.294	84	4744	1.922	ug/l	90
25) 2-Butanone	7.506	43	821	0.678	ug/l #	43
29) Tetrahydrofuran	7.853	42	315	0.422	ug/l #	25
31) Cyclohexane	8.235	56	3752	1.036	ug/l #	57
36) 1,1-Dichloropropene	8.235	75	16319	5.619	ug/l #	49
37) Ethyl Acetate	7.506	43	821	0.352	ug/l #	64
38) Carbon Tetrachloride	8.229	117	23247	6.936	ug/l #	16
52) Toluene	10.641	92	1966	0.334	ug/l	98
71) Bromoform	12.847	173	1009	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65567	24.681	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65567	78.781	ug/l #	13

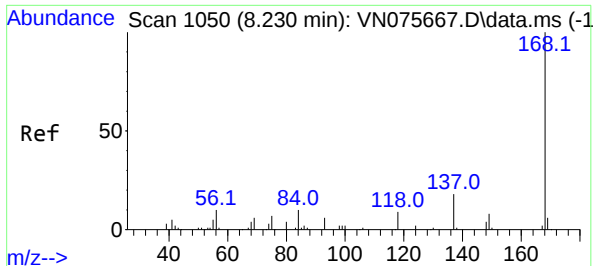
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN075715.D

Acq: 12 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

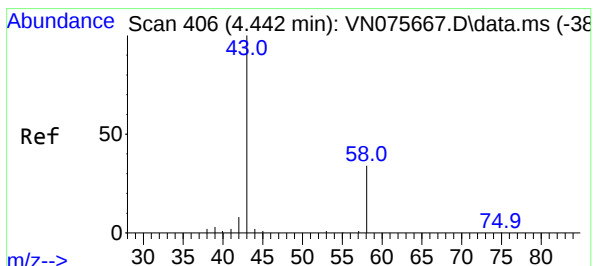
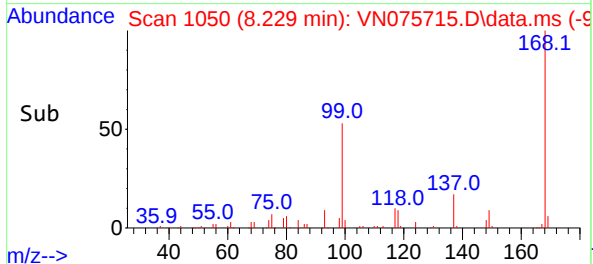
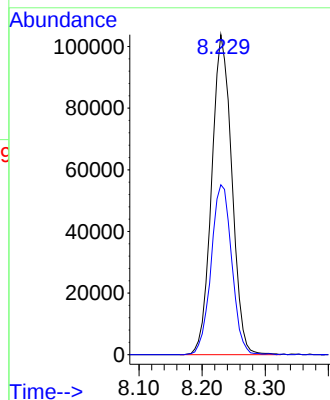
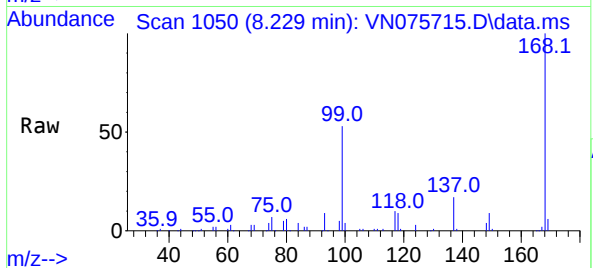
TB-01-120922

Tgt Ion:168 Resp: 230480

Ion Ratio Lower Upper

168 100

99 53.1 41.2 61.8



#16

Acetone

Concen: 5.847 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.012 min

Lab File: VN075715.D

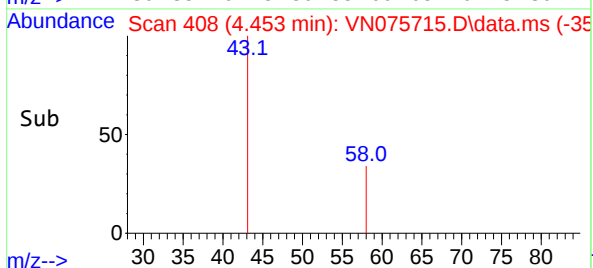
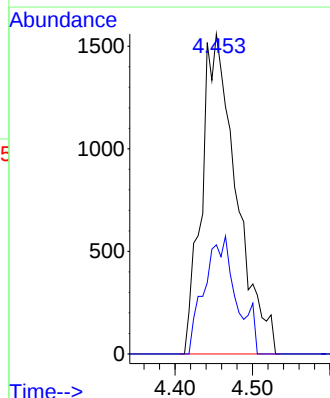
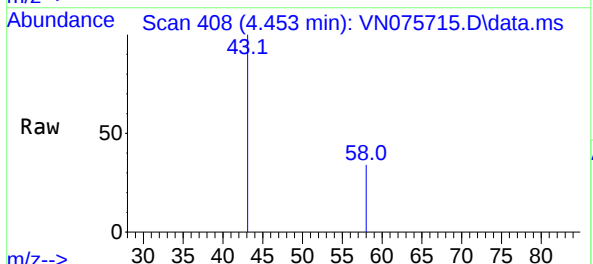
Acq: 12 Dec 2022 16:05

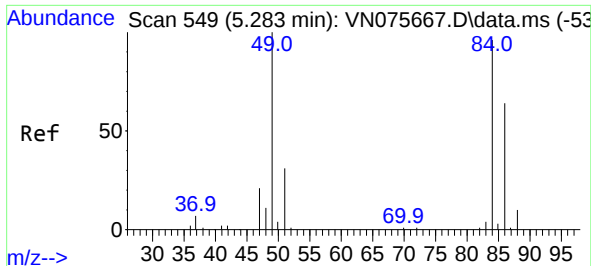
Tgt Ion: 43 Resp: 4842

Ion Ratio Lower Upper

43 100

58 34.1 27.0 40.4



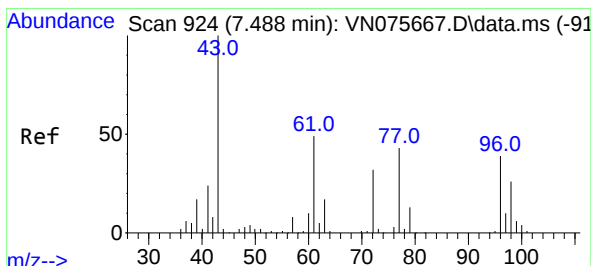
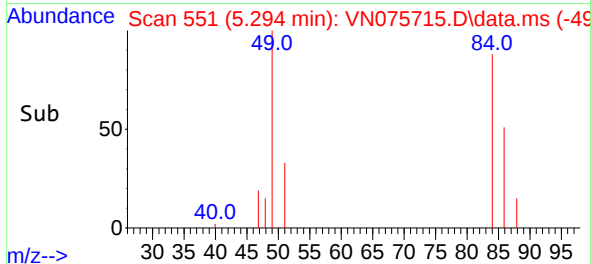
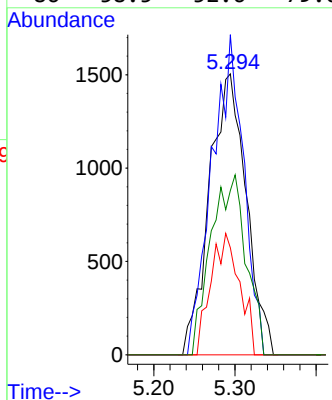
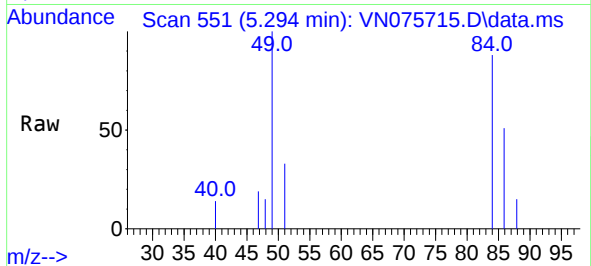


#20
Methylene Chloride
Concen: 1.922 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
TB-01-120922

Tgt Ion: 84 Resp: 4744

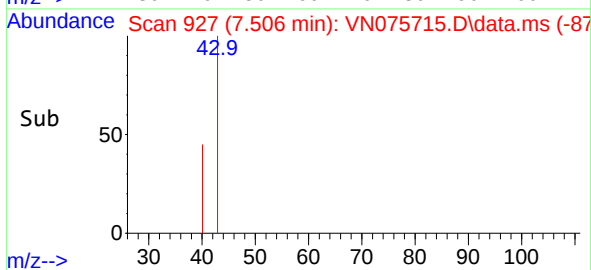
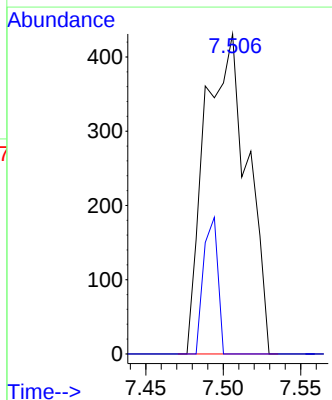
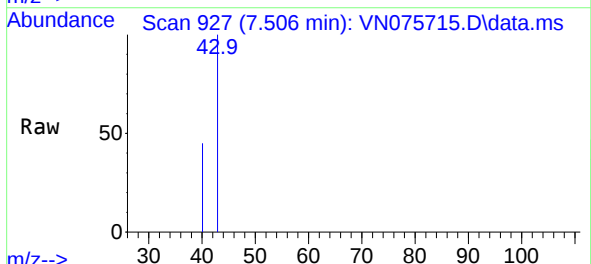
Ion	Ratio	Lower	Upper
84	100		
49	114.0	83.0	124.4
51	38.1	26.0	39.0
86	58.5	52.6	79.0

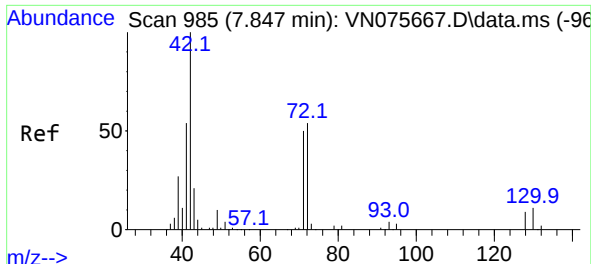


#25
2-Butanone
Concen: 0.678 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#

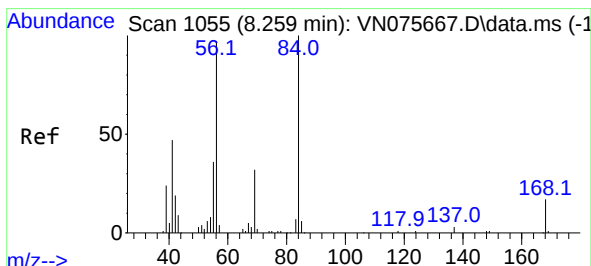
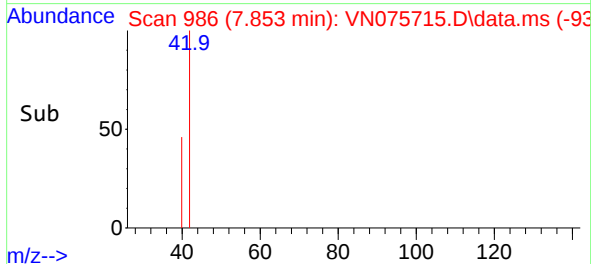
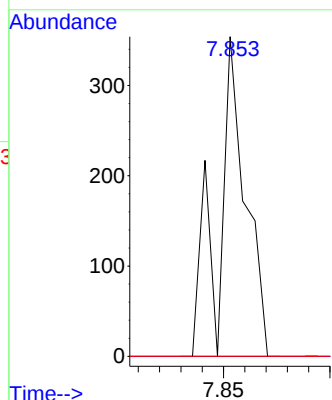
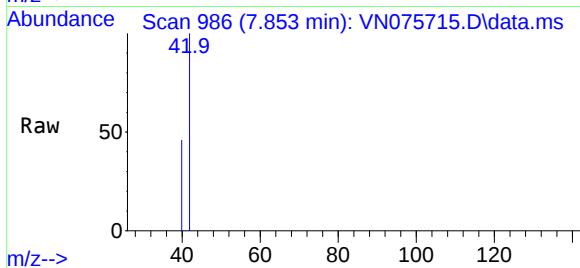




#29
Tetrahydrofuran
Concen: 0.422 ug/l
RT: 7.853 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

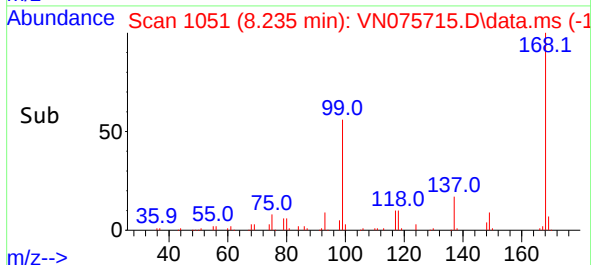
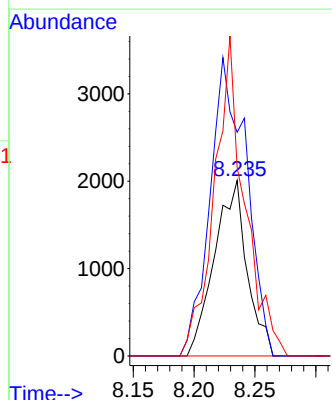
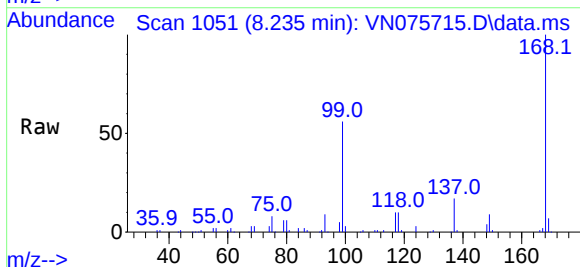
Instrument :
MSVOA_N
ClientSampleId :
TB-01-120922

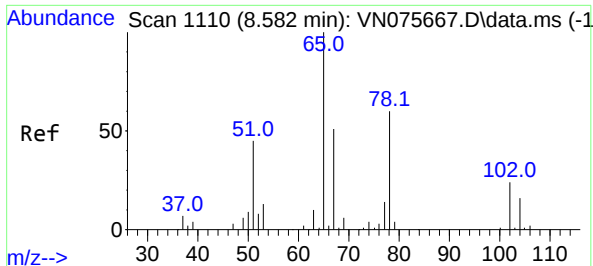
Tgt Ion: 42 Resp: 315
Ion Ratio Lower Upper
42 100
72 0.0 44.6 67.0#
71 0.0 41.2 61.8#



#31
Cyclohexane
Concen: 1.036 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 127.5 26.2 39.2#
84 107.3 82.8 124.2





#33

1,2-Dichloroethane-d4

Concen: 48.458 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075715.D

Acq: 12 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

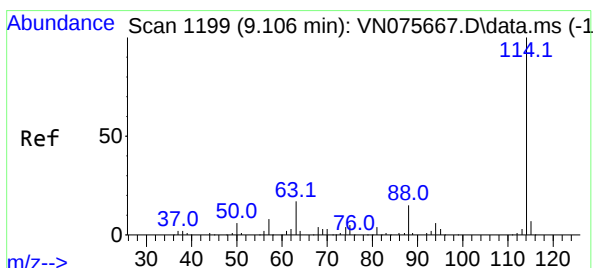
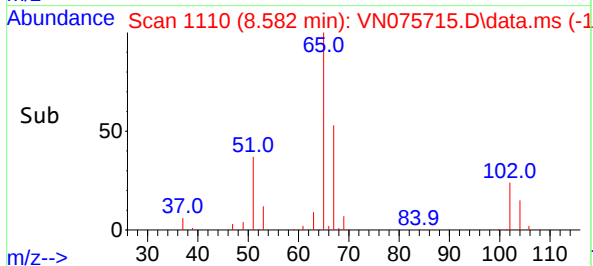
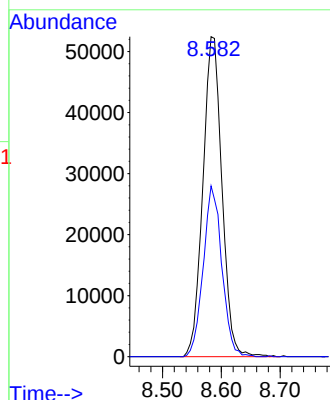
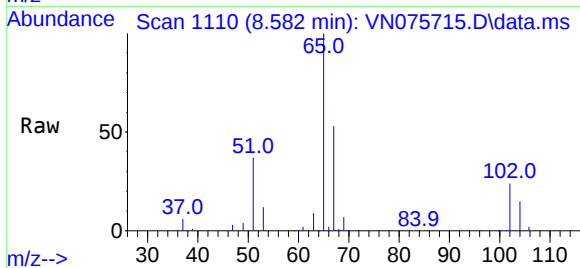
TB-01-120922

Tgt Ion: 65 Resp: 118502

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075715.D

Acq: 12 Dec 2022 16:05

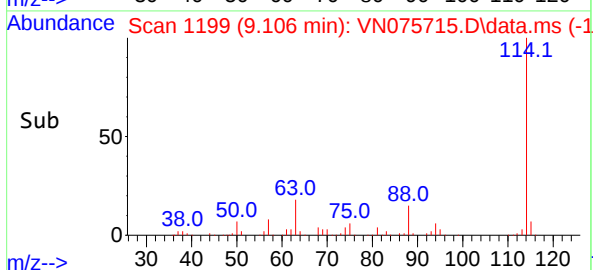
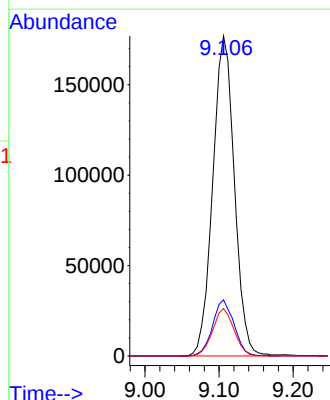
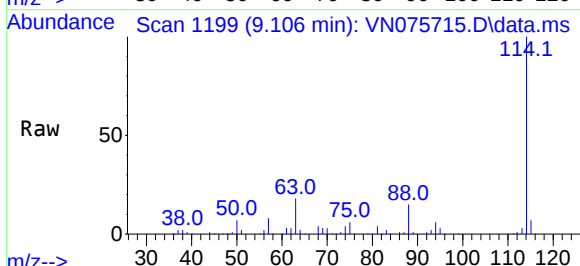
Tgt Ion: 114 Resp: 358493

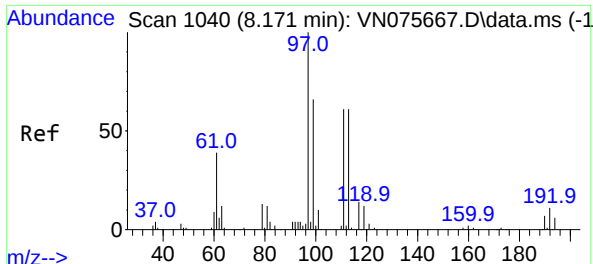
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.8 0.0 29.2

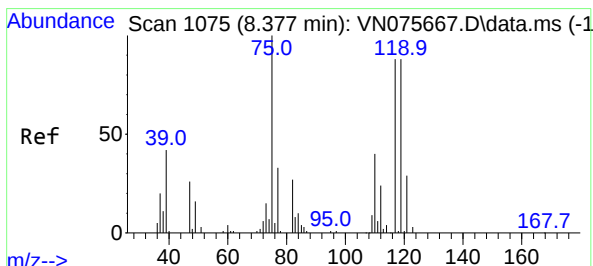
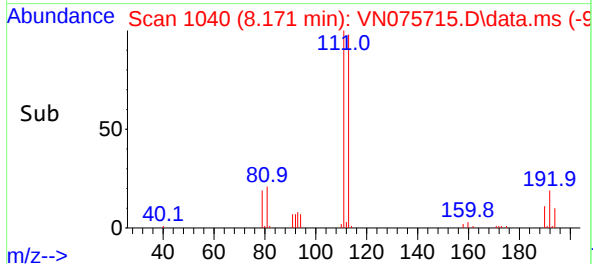
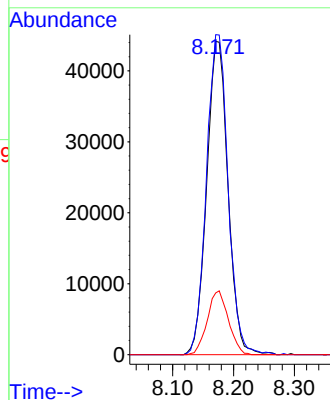
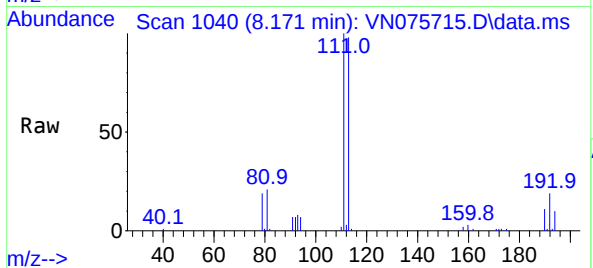




#35
Dibromofluoromethane
Concen: 49.145 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

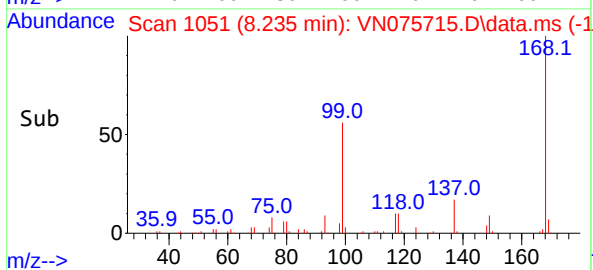
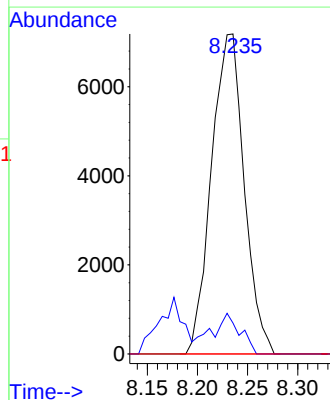
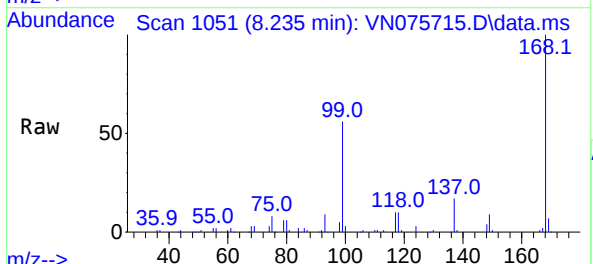
Instrument :
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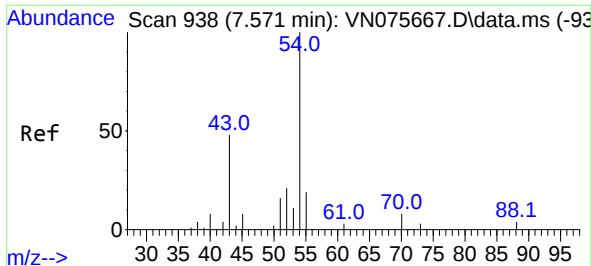
Tgt Ion:113 Resp: 107490
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.6
192 20.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.619 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 75 Resp: 16319
Ion Ratio Lower Upper
75 100
110 10.5 18.9 56.9#
77 0.0 25.4 38.2#

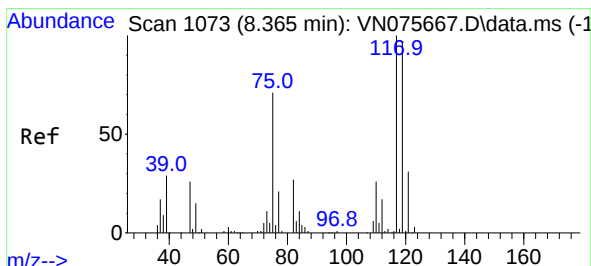
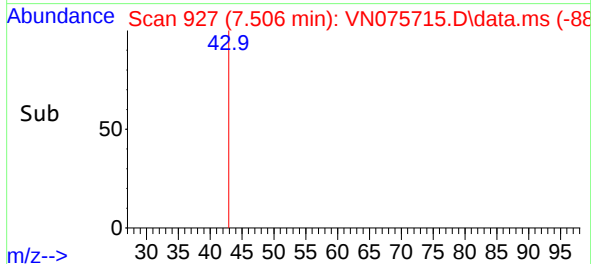
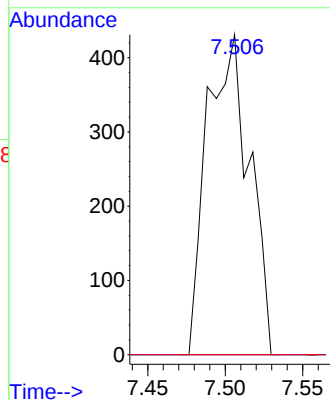
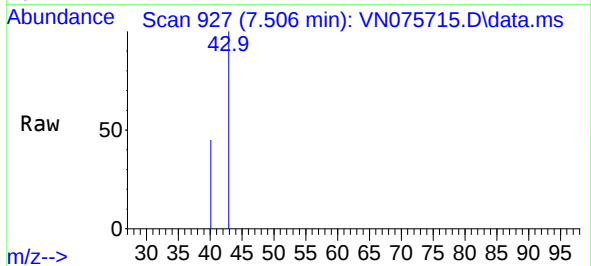




#37
Ethyl Acetate
Concen: 0.352 ug/l
RT: 7.506 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

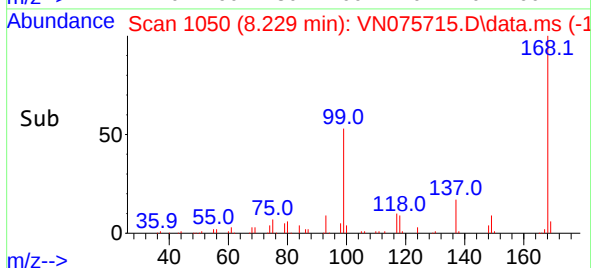
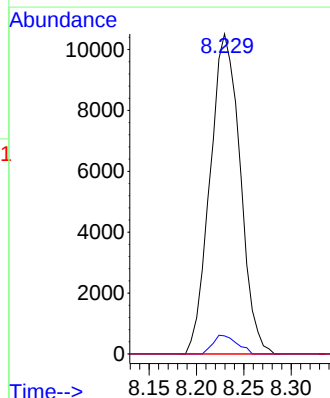
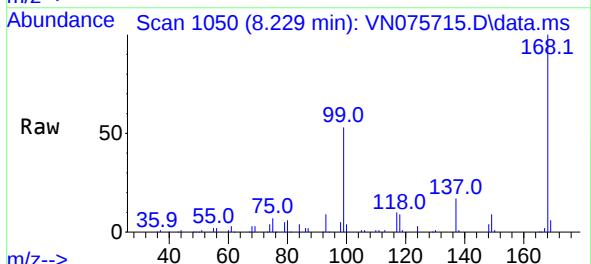
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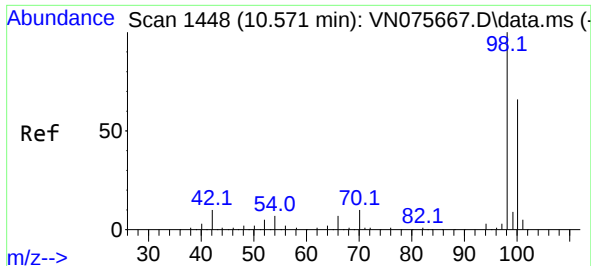
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 0.0 9.9 14.9#



#38
Carbon Tetrachloride
Concen: 6.936 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 117 Resp: 23247
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.6 37.0#

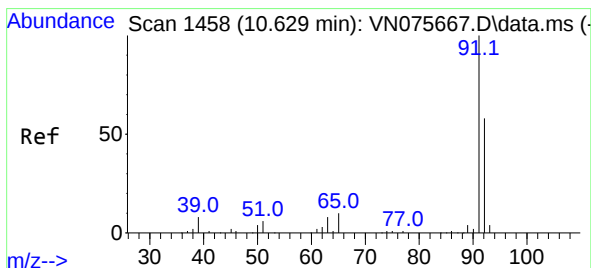
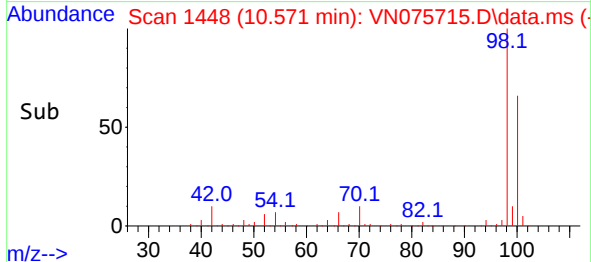
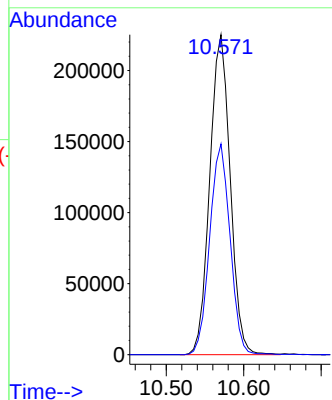
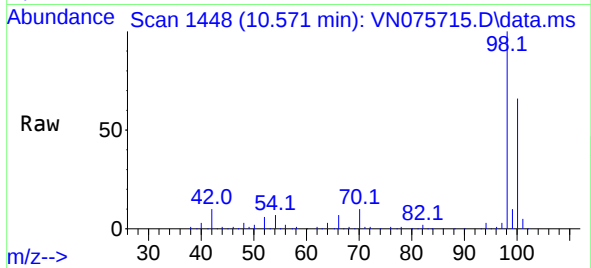




#50
Toluene-d8
Concen: 50.242 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

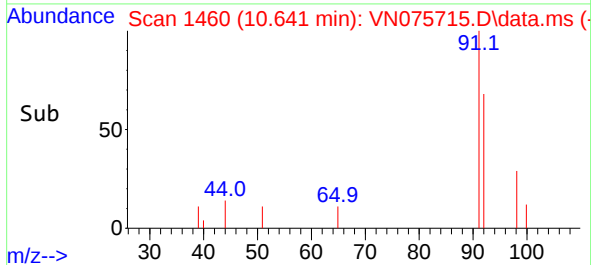
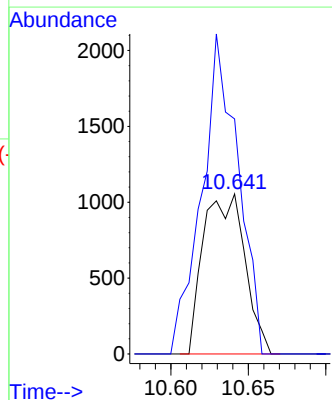
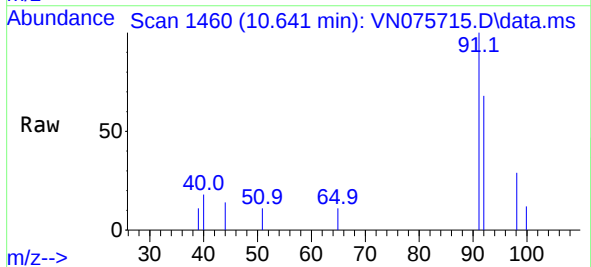
Instrument :
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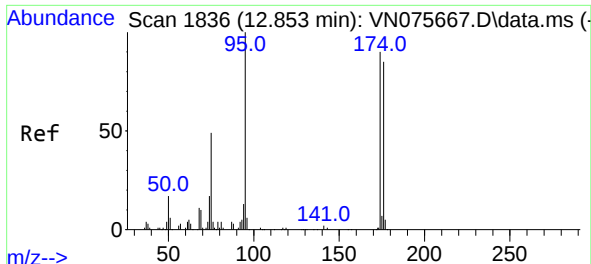
Tgt Ion: 98 Resp: 412690
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 0.334 ug/l
RT: 10.641 min Scan# 1460
Delta R.T. 0.012 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 92 Resp: 1966
Ion Ratio Lower Upper
92 100
91 174.8 137.9 206.9

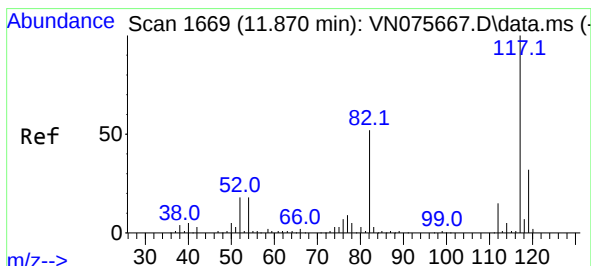
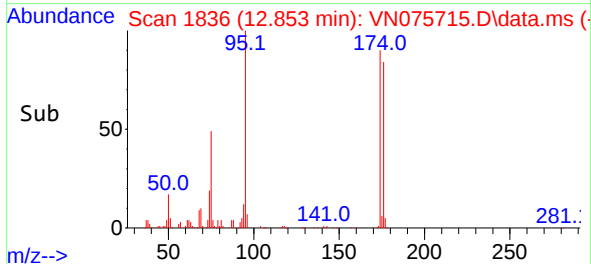
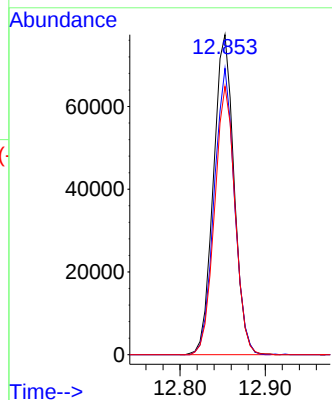
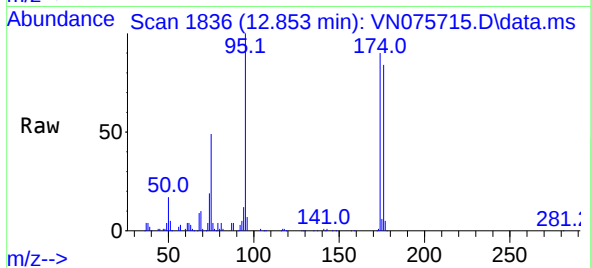




#62
4-Bromofluorobenzene
Concen: 46.248 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

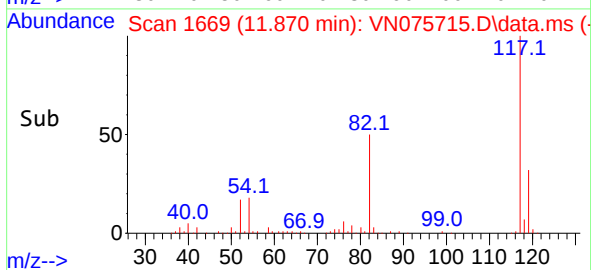
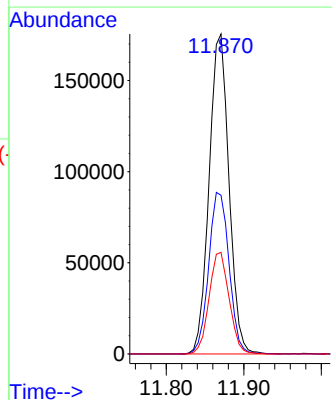
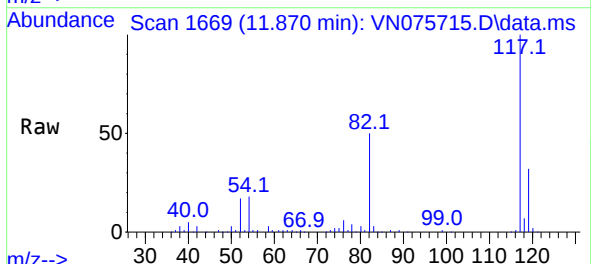
Instrument :
MSVOA_N
ClientSampleId :
TB-01-120922

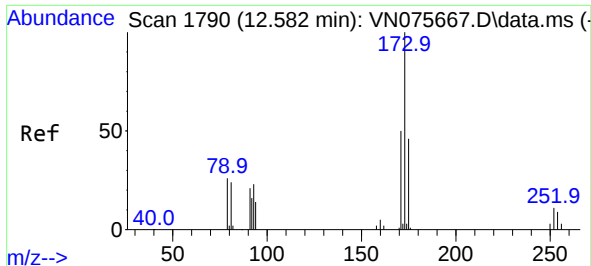
Tgt Ion: 95 Resp: 129883
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.6
176 83.2 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 117 Resp: 312345
Ion Ratio Lower Upper
117 100
82 49.6 41.8 62.8
119 31.7 25.8 38.6

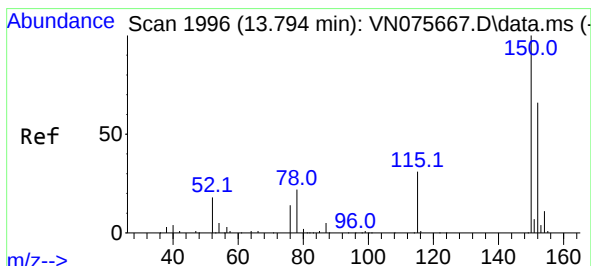
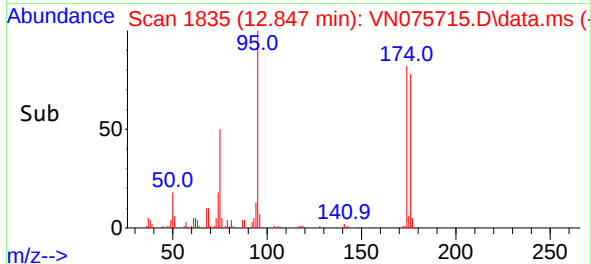
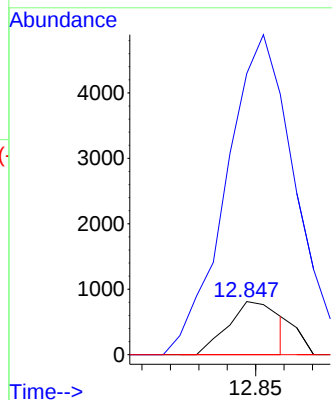
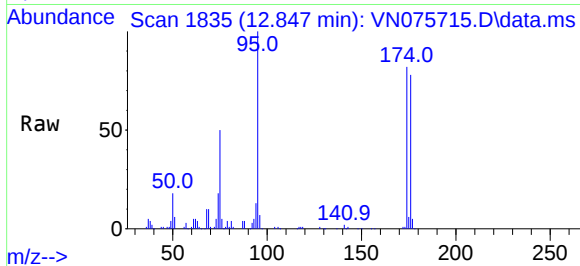




#71
Bromoform
Concen: 0.569 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

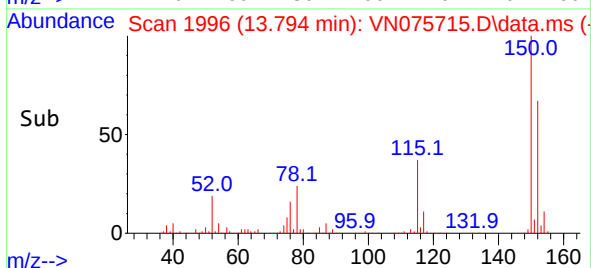
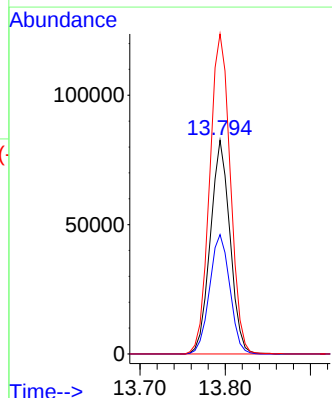
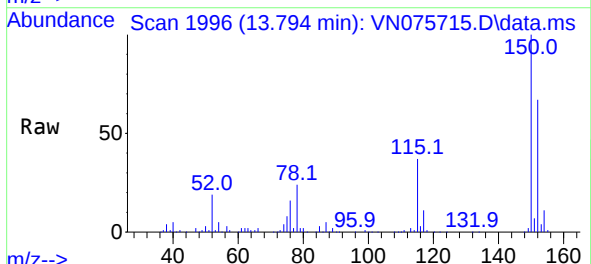
Instrument :
MSVOA_N
ClientSampleId :
TB-01-120922

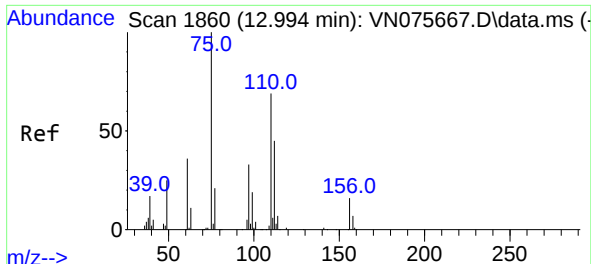
Tgt Ion:173 Resp: 1009
Ion Ratio Lower Upper
173 100
175 658.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion:152 Resp: 132281
Ion Ratio Lower Upper
152 100
115 57.5 28.4 85.2
150 157.0 0.0 347.6

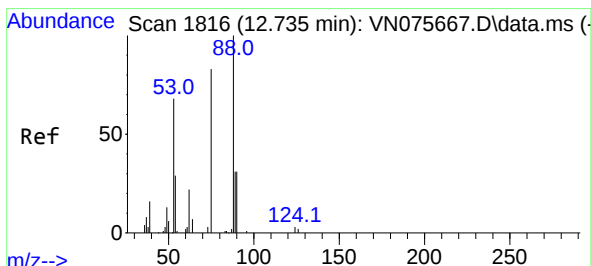
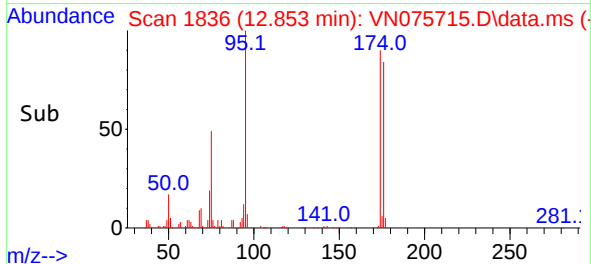
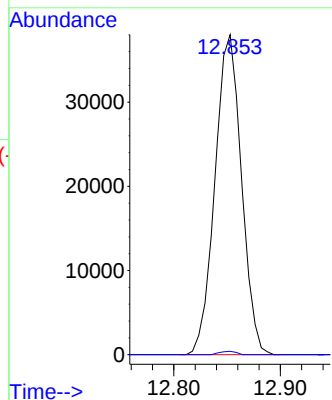
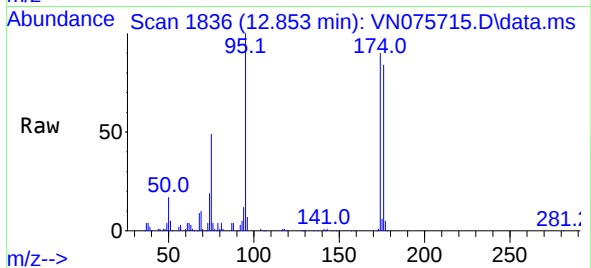




#76
1,2,3-Trichloropropane
Concen: 24.681 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
TB-01-120922

Tgt Ion: 75 Resp: 65567
Ion Ratio Lower Upper
75 100
77 0.7 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.781 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075715.D
Acq: 12 Dec 2022 16:05

Tgt Ion: 75 Resp: 65567
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

