

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083734.D
 Acq On : 09 Sep 2024 22:12
 Operator : JC\MD
 Sample : P3868-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:19:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

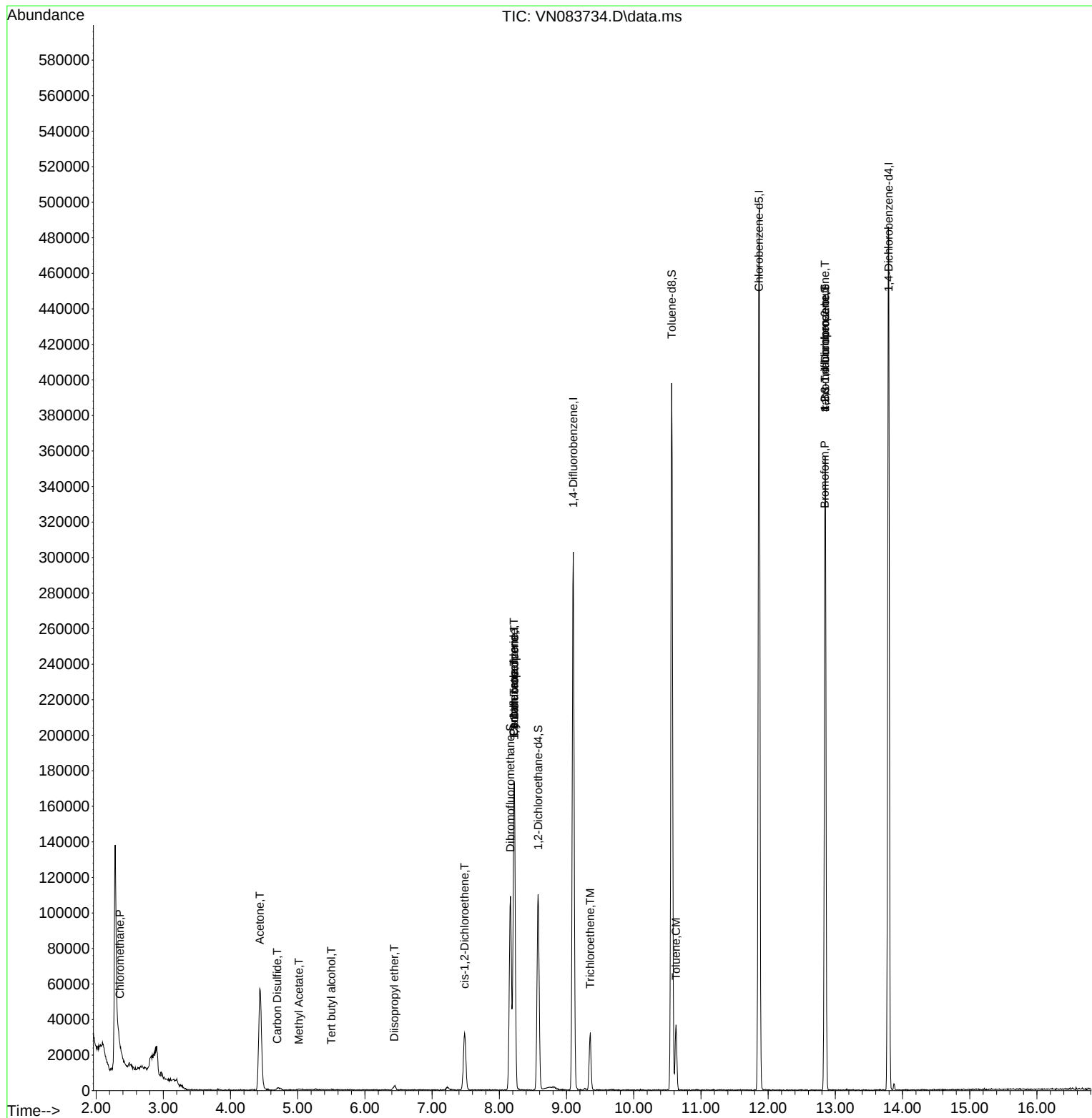
Internal Standards						
1) Pentafluorobenzene	8.218	168	119508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94731	56.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.440%	
35) Dibromofluoromethane	8.165	113	75393	51.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.240%	
50) Toluene-d8	10.565	98	265838	46.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.640%	
62) 4-Bromofluorobenzene	12.847	95	123472	58.034	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 116.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	729	0.495	ug/l #	80
11) Tert butyl alcohol	5.500	59	54	0.207	ug/l #	71
16) Acetone	4.436	43	3662	5.498	ug/l #	83
17) Carbon Disulfide	4.695	76	2060	0.540	ug/l #	75
18) Methyl Acetate	5.018	43	741	0.418	ug/l #	71
22) Diisopropyl ether	6.436	45	1558	0.338	ug/l #	19
27) cis-1,2-Dichloroethene	7.483	96	18758	11.527	ug/l	90
31) Cyclohexane	8.218	56	3469	1.343	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	11348	5.044	ug/l #	49
38) Carbon Tetrachloride	8.218	117	13244	5.160	ug/l #	17
43) Isopropyl Acetate	8.688	43	263	Below Cal	#	57
44) Trichloroethene	9.353	130	10103	6.069	ug/l	81
52) Toluene	10.630	92	16303	3.767	ug/l	96
71) Bromoform	12.841	173	516	0.356	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69937	27.493	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69937	64.845	ug/l #	9

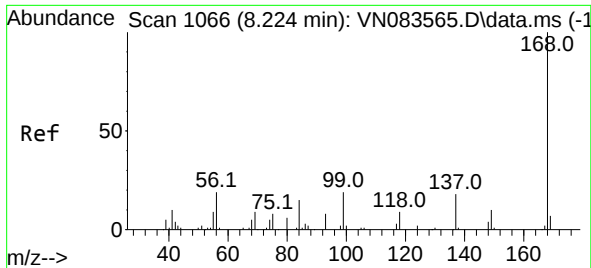
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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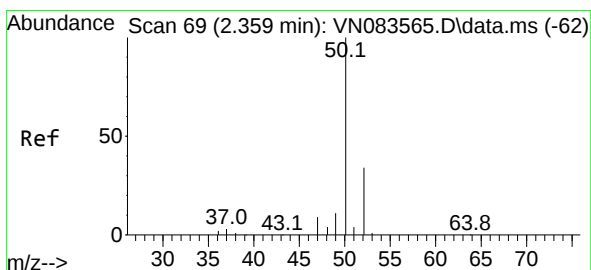
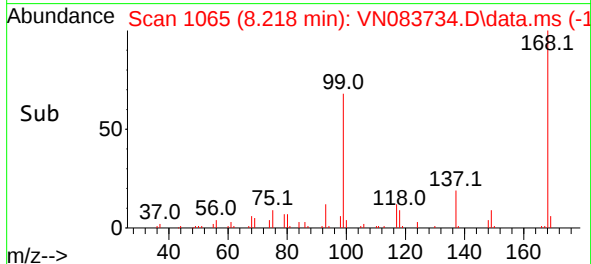
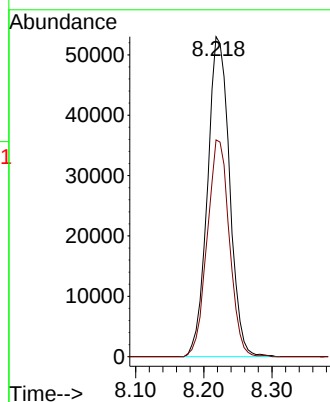
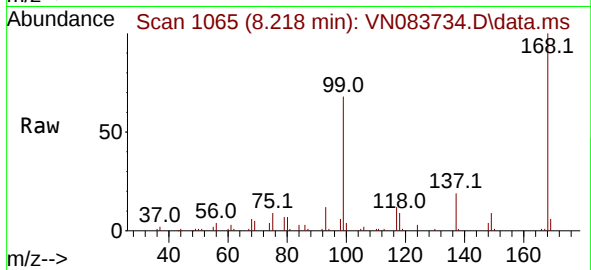




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

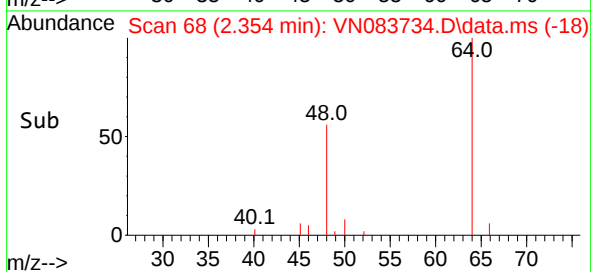
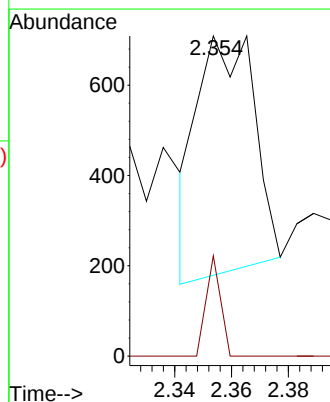
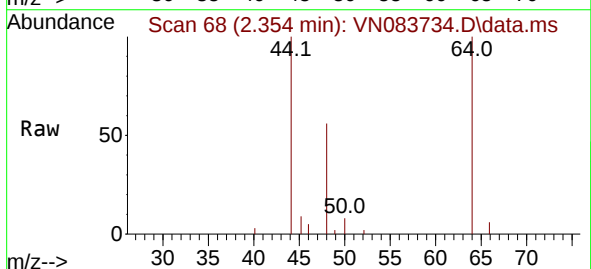
Instrument :
MSVOA_N
ClientSampleId :

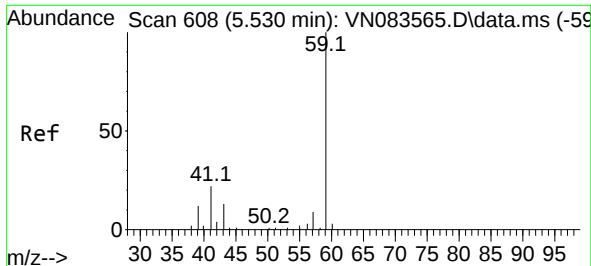
Tgt Ion:168 Resp: 119508
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#3
Chloromethane
Concen: 0.495 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 45.3 27.2 40.8#





#11

Tert butyl alcohol

Concen: 0.207 ug/l

RT: 5.500 min Scan# 608

Delta R.T. -0.029 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

Instrument :

MSVOA_N

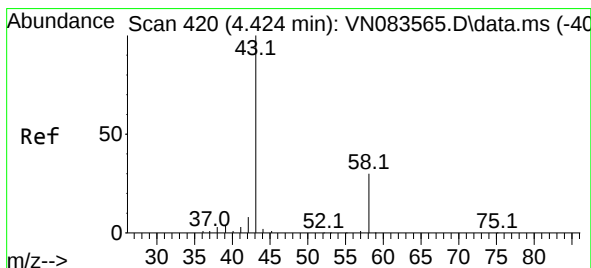
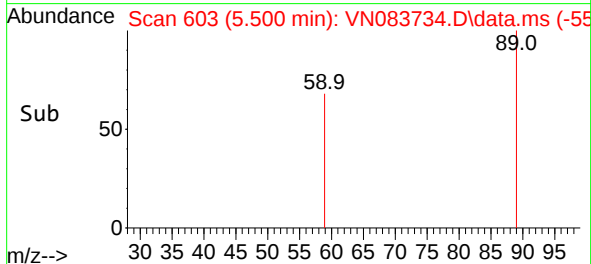
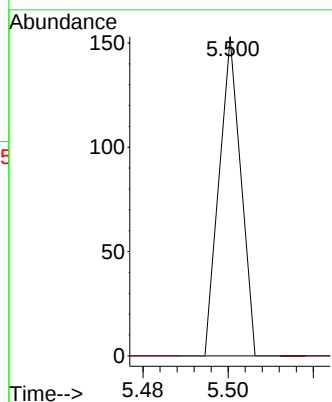
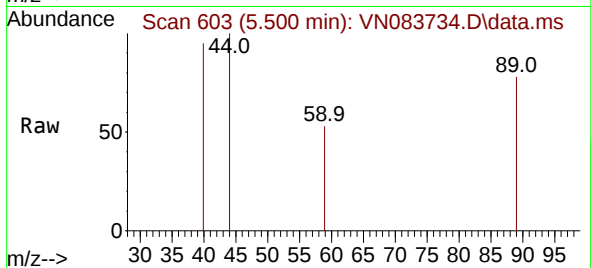
ClientSampleId :

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 5.498 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN083734.D

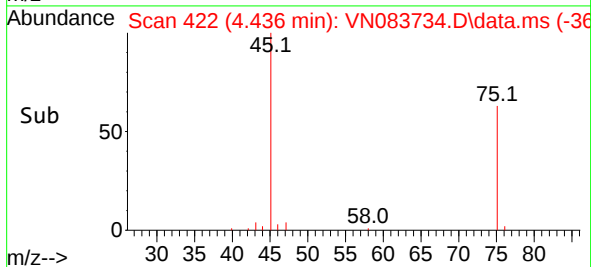
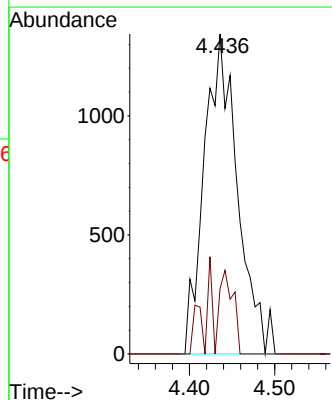
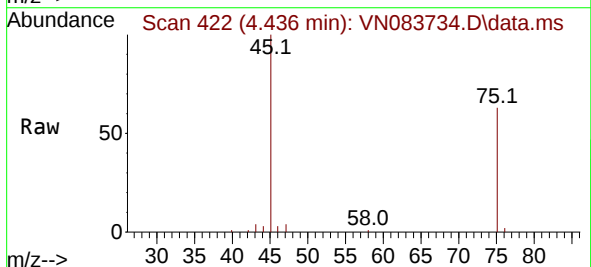
Acq: 09 Sep 2024 22:12

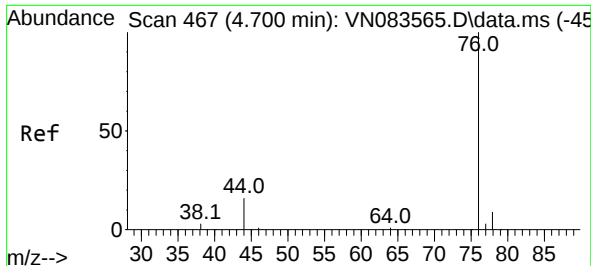
Tgt Ion: 43 Resp: 3662

Ion Ratio Lower Upper

43 100

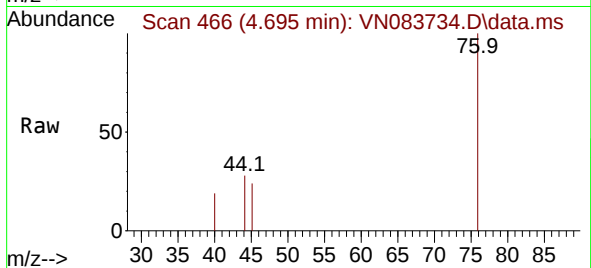
58 20.5 23.7 35.5#



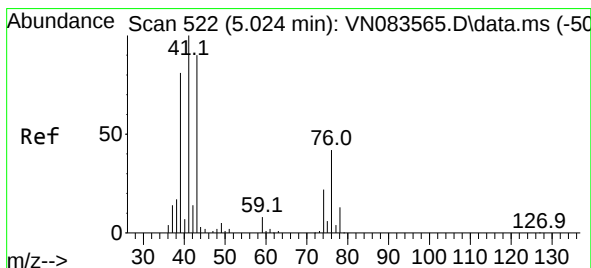
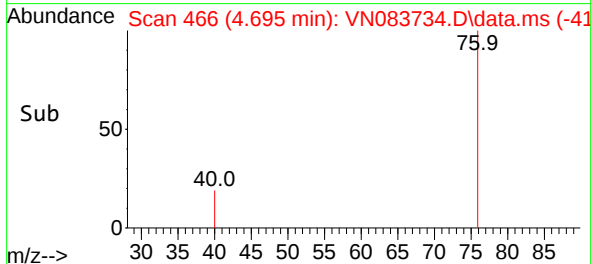
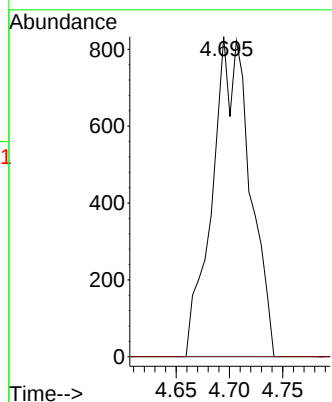


#17
Carbon Disulfide
Concen: 0.540 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :

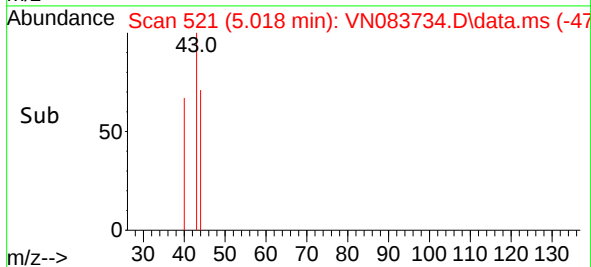
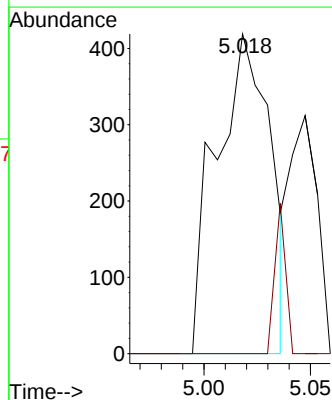
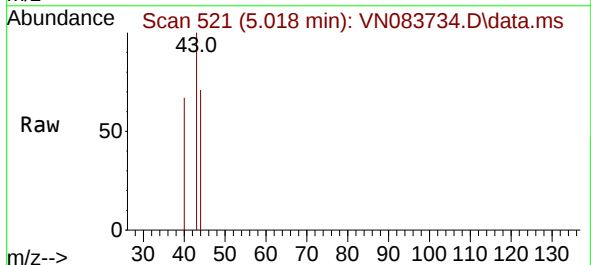


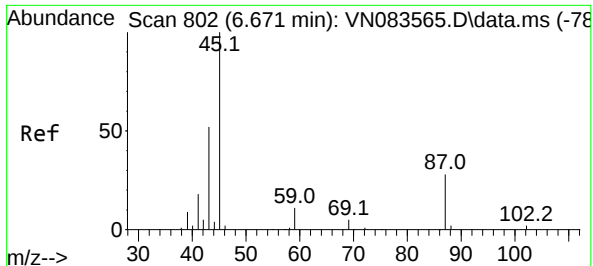
Tgt Ion: 76 Resp: 2060
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

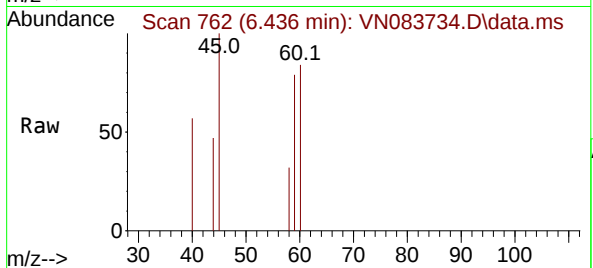
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
74 9.3 19.0 28.4#



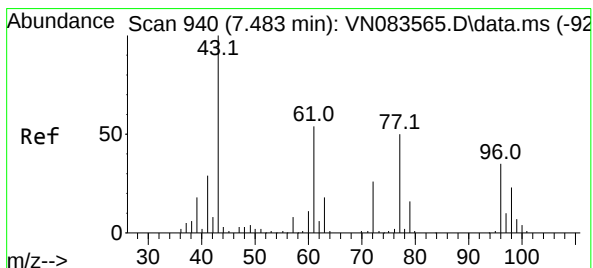
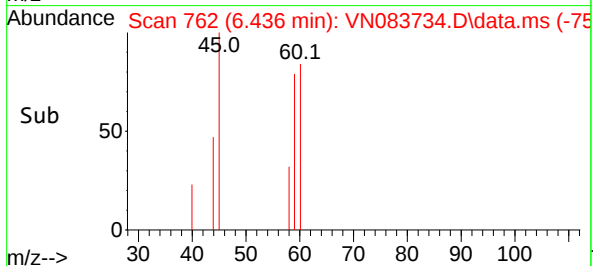
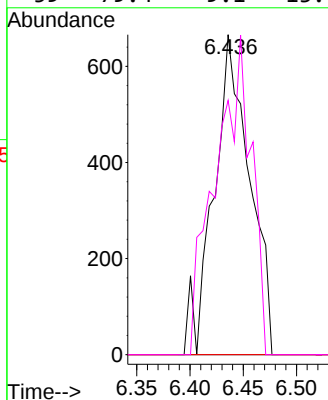


#22
Diisopropyl ether
Concen: 0.338 ug/l
RT: 6.436 min Scan# 762
Delta R.T. -0.235 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :

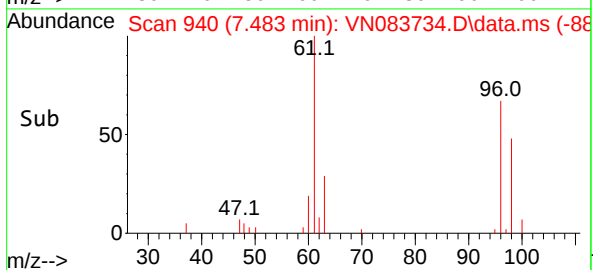
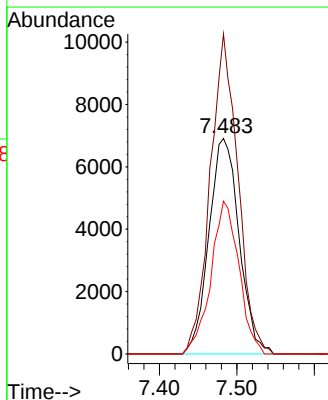
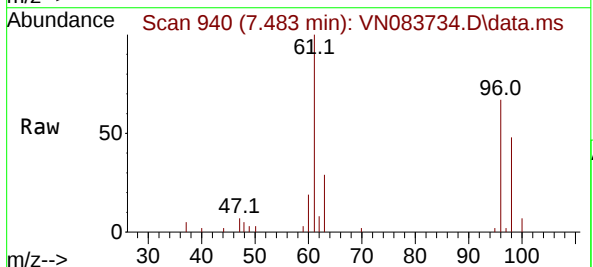


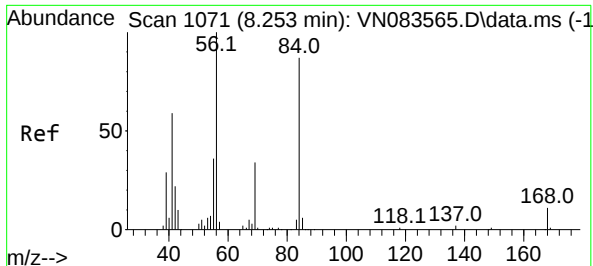
Tgt Ion:	45	Resp:	1558
Ion	Ratio	Lower	Upper
45	100		
43	0.0	43.4	65.0#
87	0.0	22.6	33.8#
59	79.4	9.1	13.7#



#27
cis-1,2-Dichloroethene
Concen: 11.527 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

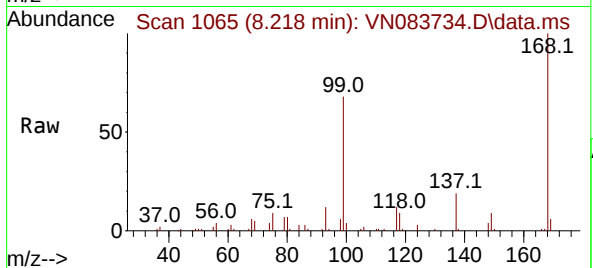
Tgt Ion:	96	Resp:	18758
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	306.2
98	65.8	0.0	128.6



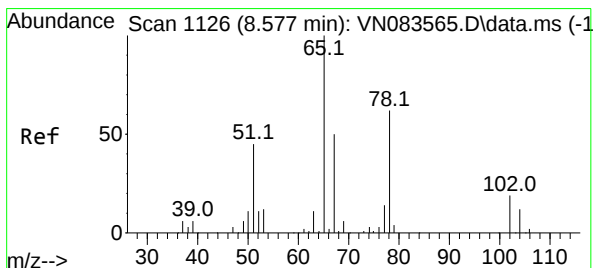
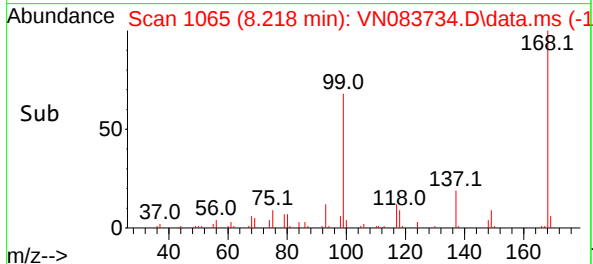
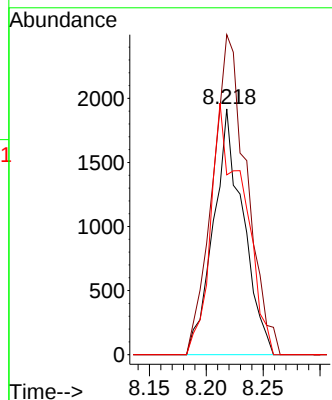


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :

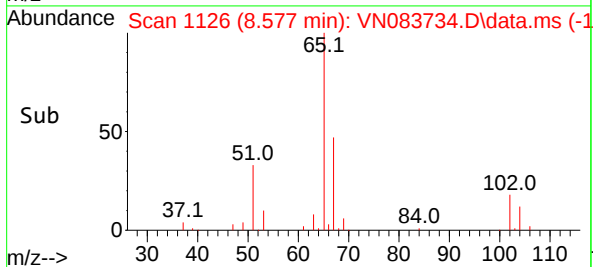
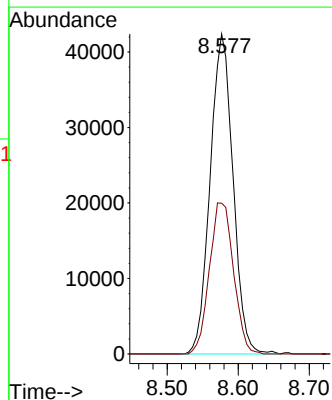
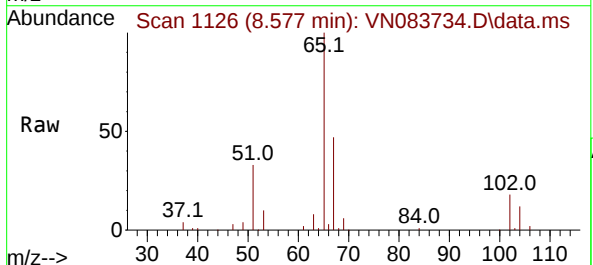


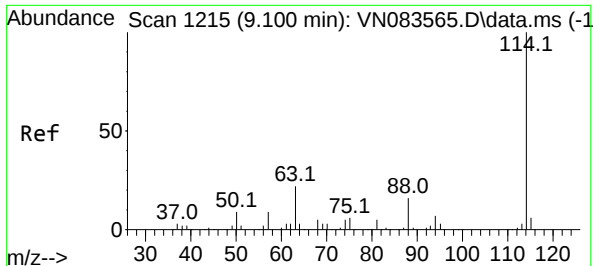
Tgt Ion: 56 Resp: 3469
Ion Ratio Lower Upper
56 100
69 130.2 26.9 40.3#
84 73.1 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 56.717 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Tgt Ion: 65 Resp: 94731
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

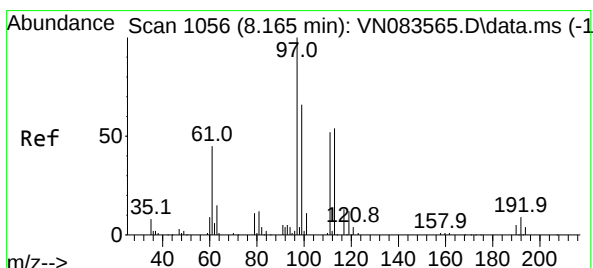
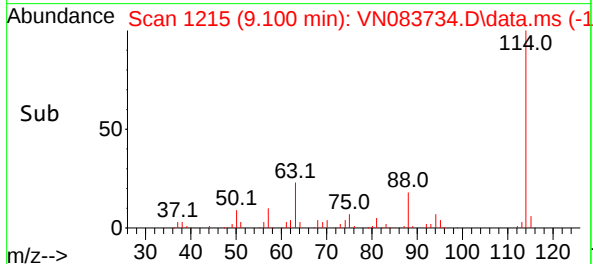
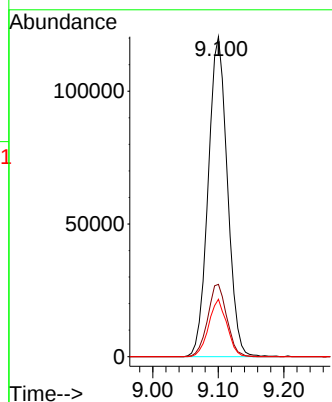
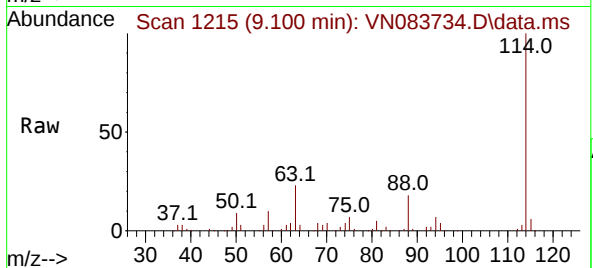
Tgt Ion:114 Resp: 245042

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 18.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.119 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

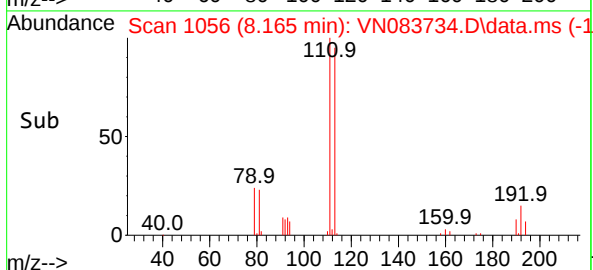
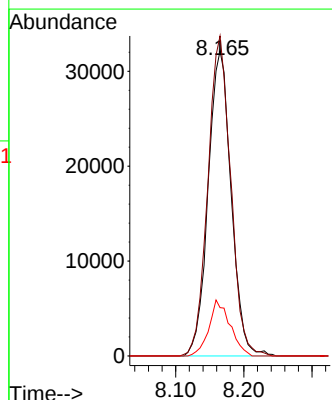
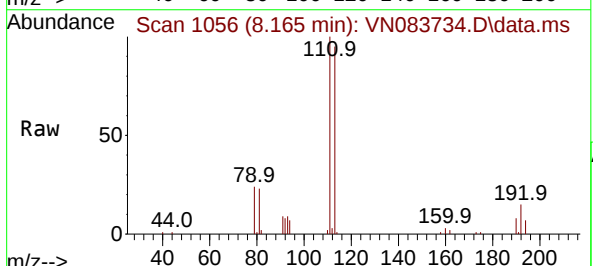
Tgt Ion:113 Resp: 75393

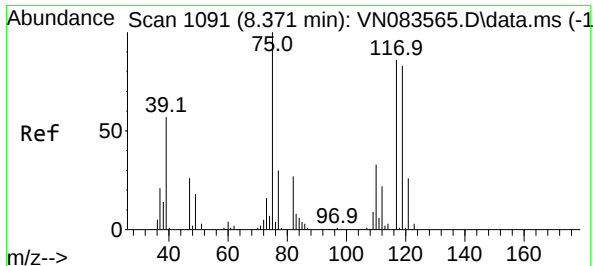
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.044 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

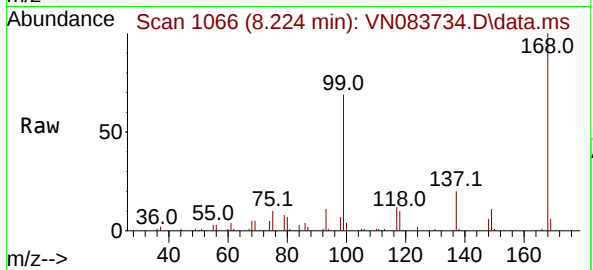
Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

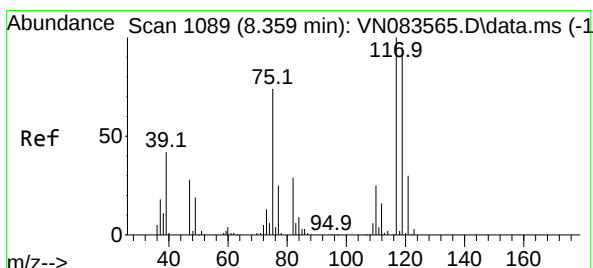
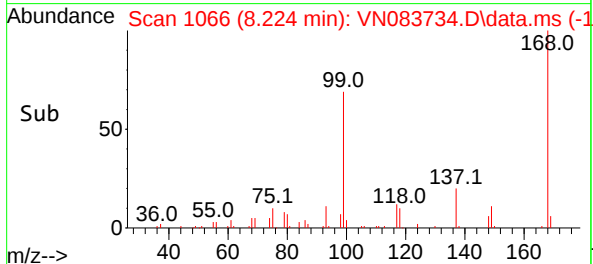
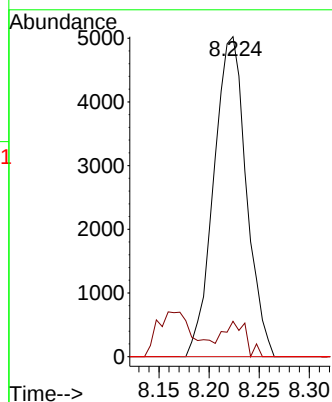
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 11348
Ion Ratio	Lower Upper
75	100
110	7.7 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.160 ug/l

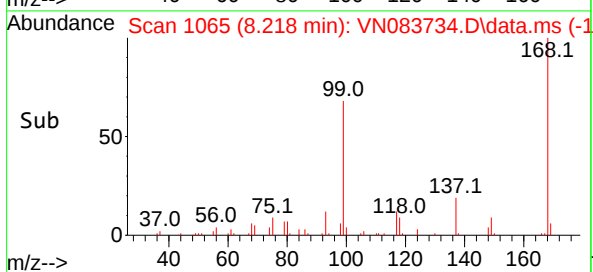
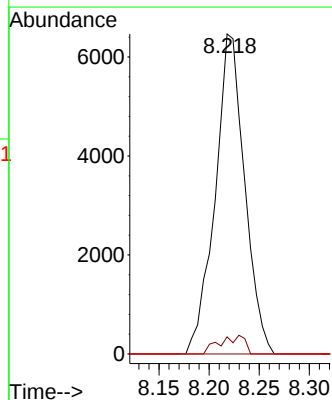
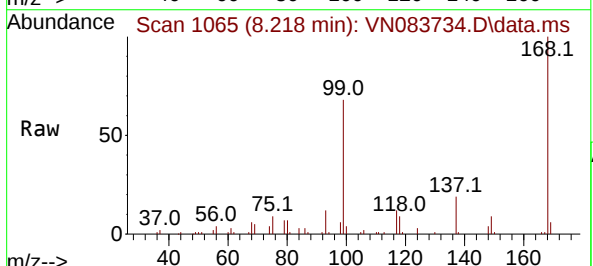
RT: 8.218 min Scan# 1065

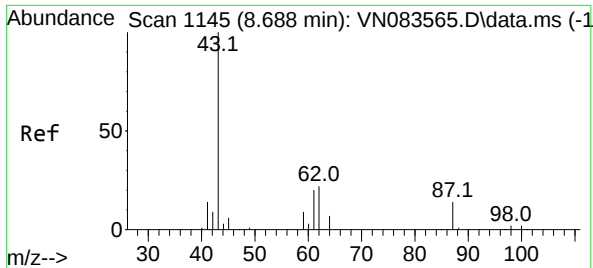
Delta R.T. -0.141 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

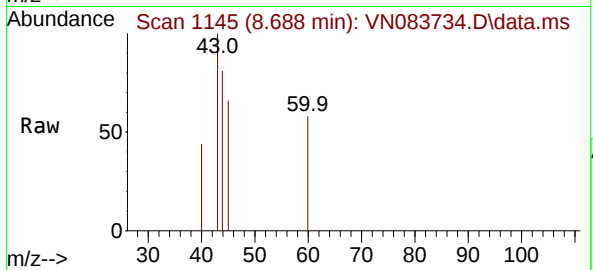
Tgt Ion: 117	Resp: 13244
Ion Ratio	Lower Upper
117	100
119	5.4 76.1 114.1#
121	0.0 24.1 36.1#



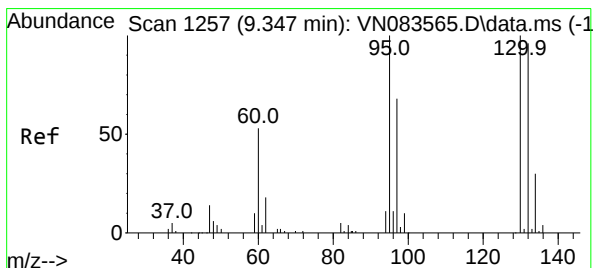
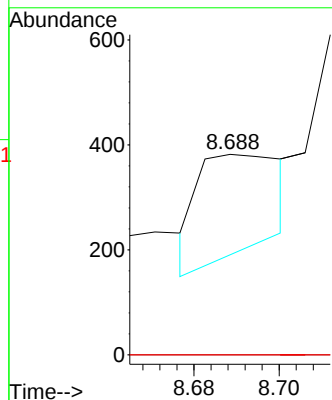
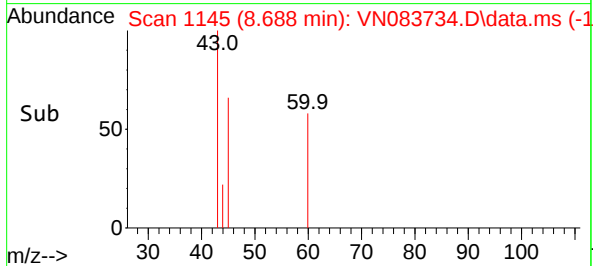


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :

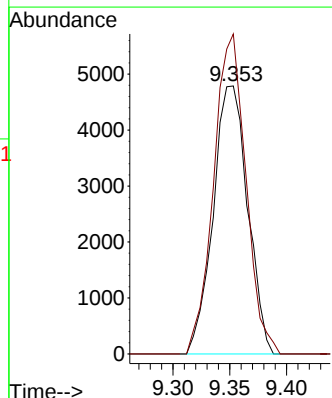
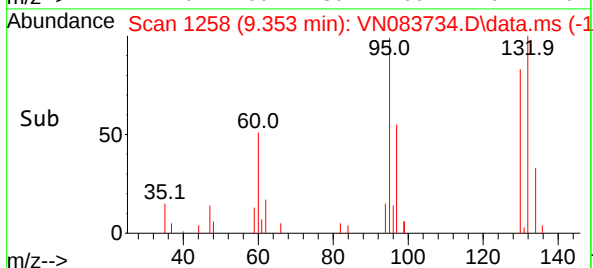
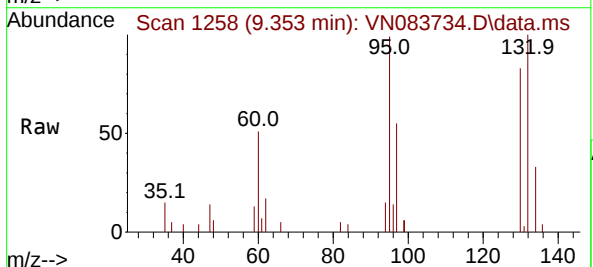


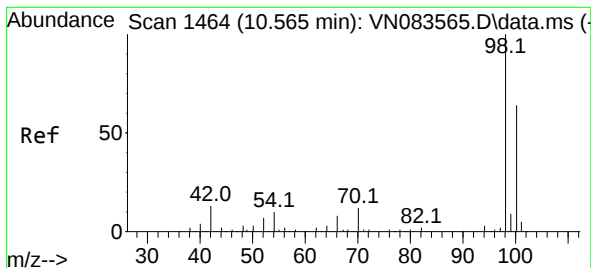
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 6.069 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Tgt Ion:130 Resp: 10103
Ion Ratio Lower Upper
130 100
95 119.4 0.0 200.4

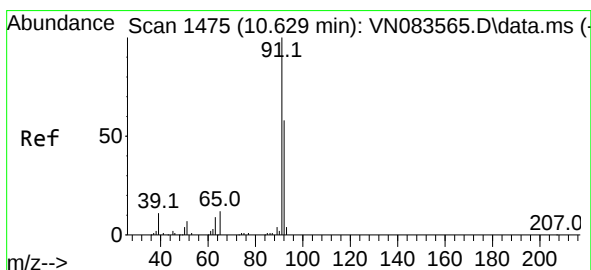
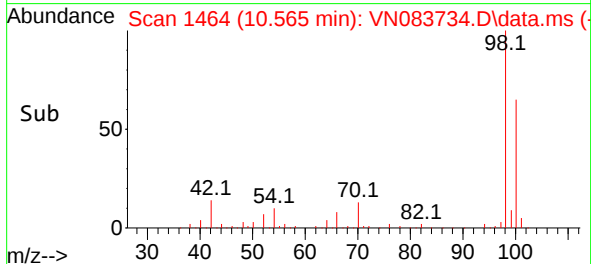
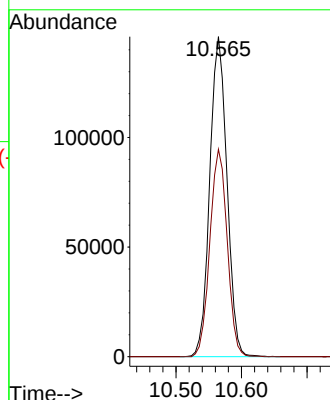
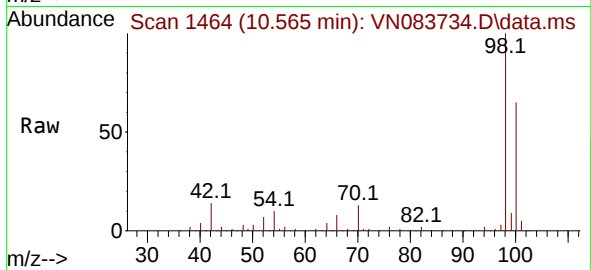




#50
Toluene-d8
Concen: 46.320 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

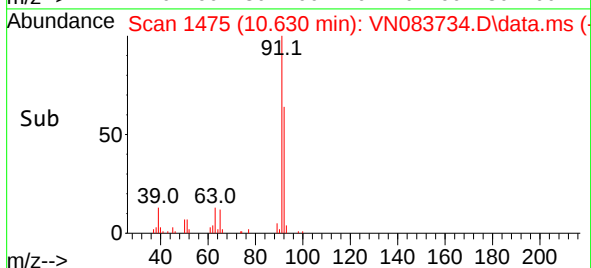
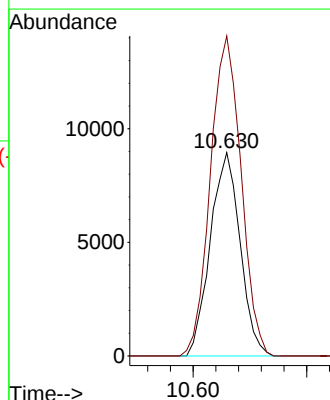
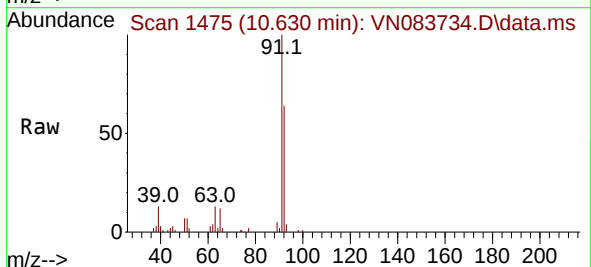
Instrument :
MSVOA_N
ClientSampleId :

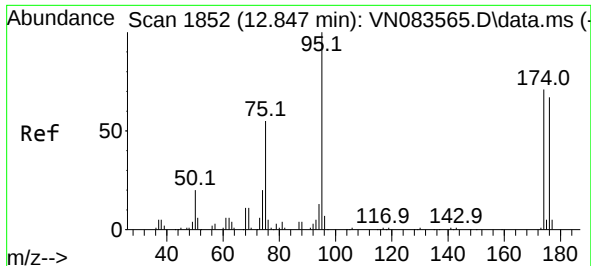
Tgt Ion: 98 Resp: 265838
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#52
Toluene
Concen: 3.767 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Tgt Ion: 92 Resp: 16303
Ion Ratio Lower Upper
92 100
91 162.3 134.7 202.1

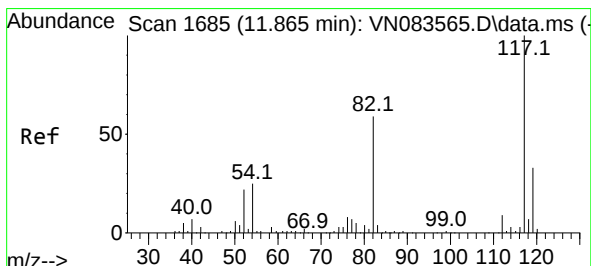
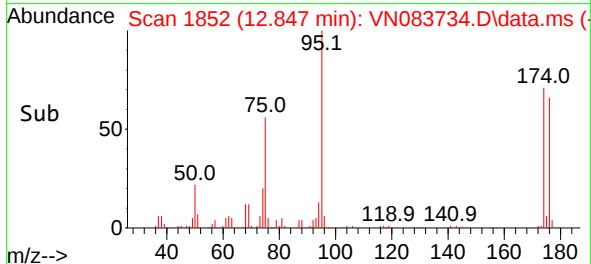
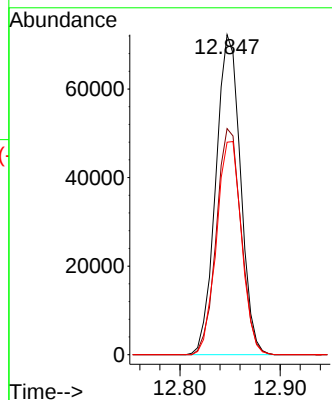
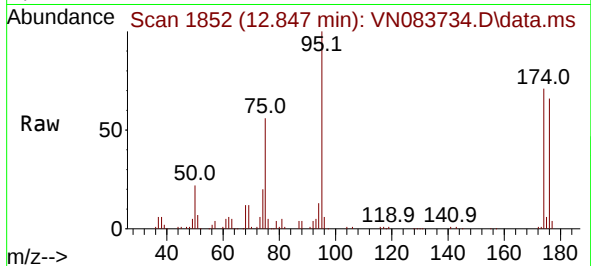




#62
4-Bromofluorobenzene
Concen: 58.034 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

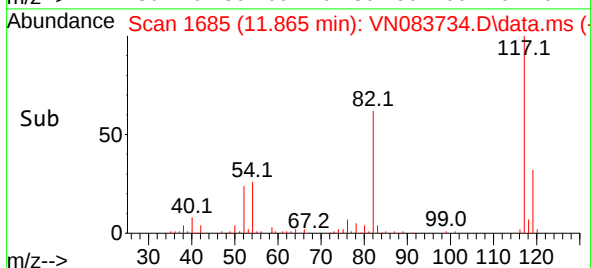
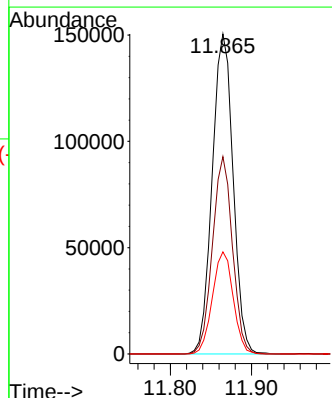
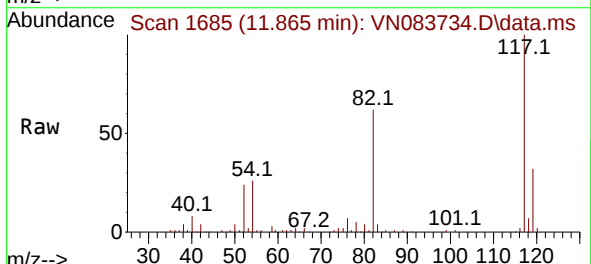
Instrument :
MSVOA_N
ClientSampleId :

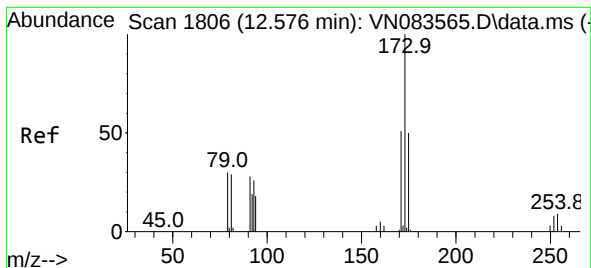
Tgt Ion: 95 Resp: 123472
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083734.D
Acq: 09 Sep 2024 22:12

Tgt Ion: 117 Resp: 268851
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 31.9 26.3 39.5





#71

Bromoform

Concen: 0.356 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

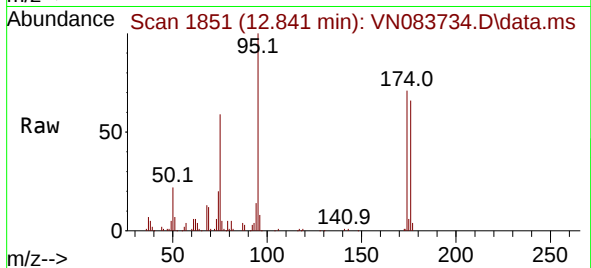
Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

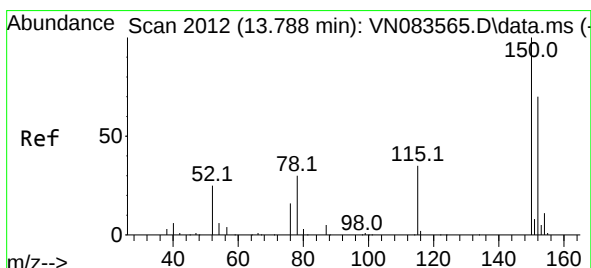
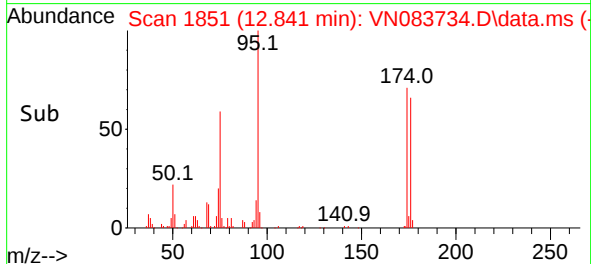
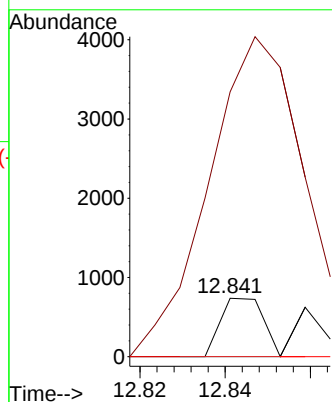
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	516
Ion Ratio	Lower	Upper	
173	100		
175	978.7	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

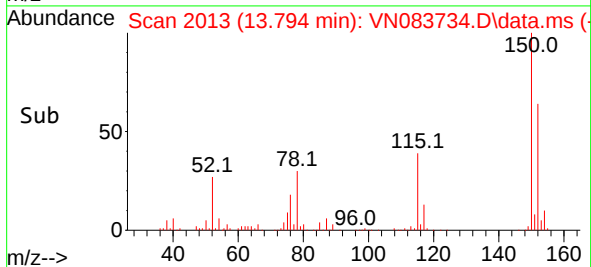
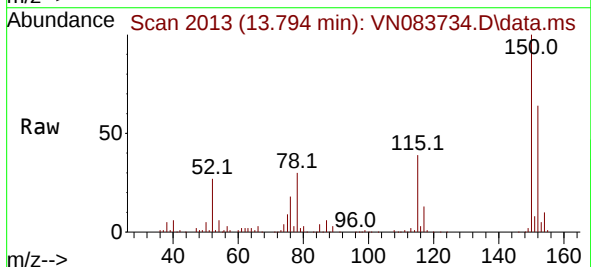
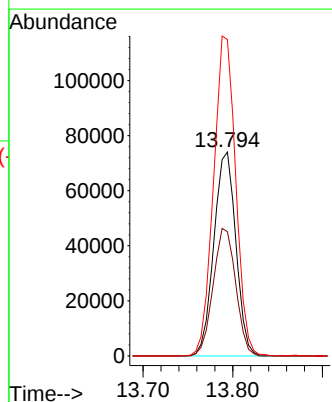
RT: 13.794 min Scan# 2013

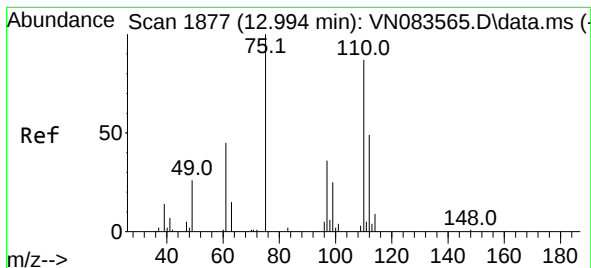
Delta R.T. 0.006 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

Tgt Ion:	152	Resp:	125994
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.2	96.6
150	157.9	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 27.493 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

Instrument :

MSVOA_N

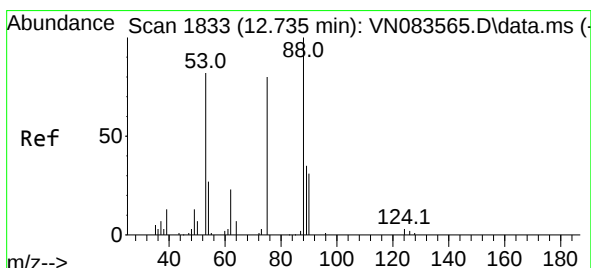
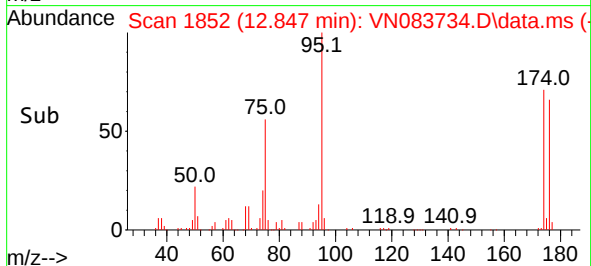
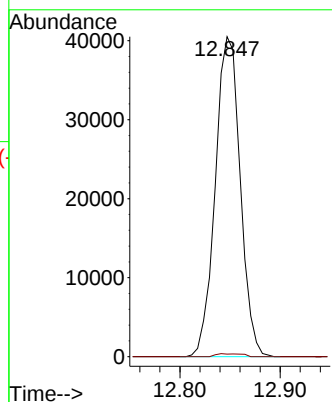
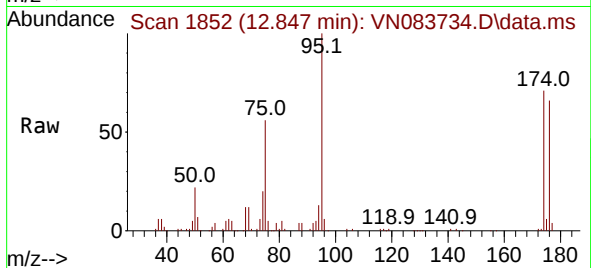
ClientSampleId :

Tgt Ion: 75 Resp: 69937

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.845 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083734.D

Acq: 09 Sep 2024 22:12

Tgt Ion: 75 Resp: 69937

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

