

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083805.D
 Acq On : 11 Sep 2024 19:09
 Operator : JC\MD
 Sample : P3913-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:12:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

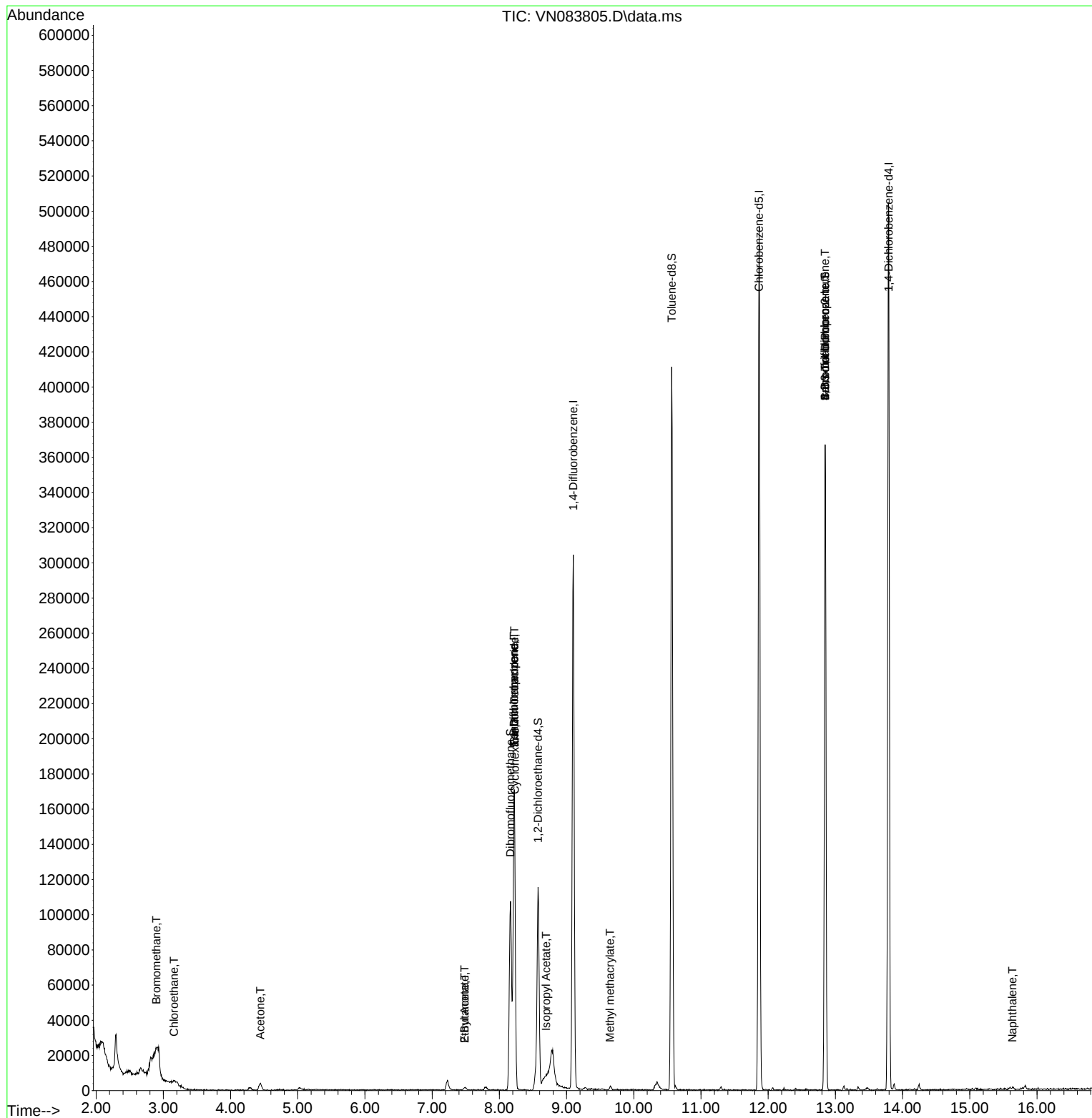
Internal Standards						
1) Pentafluorobenzene	8.218	168	113765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95266	55.535	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.080%		
35) Dibromofluoromethane	8.165	113	75971	48.844	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.680%		
50) Toluene-d8	10.565	98	272016	50.589	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.180%		
62) 4-Bromofluorobenzene	12.847	95	125582	56.609	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 113.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	501	Below Cal	#	59
5) Bromomethane	2.895	94	313	0.376	ug/l #	63
6) Chloroethane	3.159	64	1063	1.046	ug/l #	88
16) Acetone	4.442	43	4187	6.089	ug/l	98
18) Methyl Acetate	5.036	43	2619	Below Cal	#	76
25) 2-Butanone	7.483	43	2934	3.246	ug/l #	87
31) Cyclohexane	8.230	56	3150	1.271	ug/l #	50
36) 1,1-Dichloropropene	8.218	75	10313	4.405	ug/l #	47
37) Ethyl Acetate	7.483	43	2934	1.381	ug/l #	68
38) Carbon Tetrachloride	8.224	117	14008	5.274	ug/l #	17
43) Isopropyl Acetate	8.694	43	5247	1.363	ug/l #	57
48) Methyl methacrylate	9.647	41	460	0.252	ug/l #	31
71) Bromoform	12.847	173	878	0.630	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70882	27.551	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70882	72.158	ug/l #	9
95) Naphthalene	15.635	128	2022	0.286	ug/l #	78

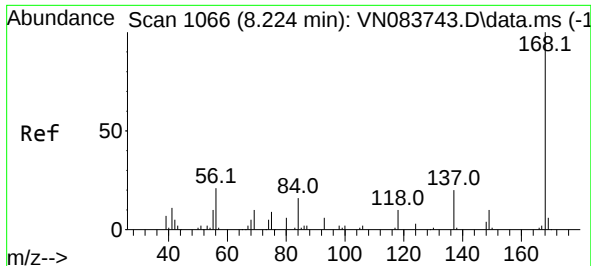
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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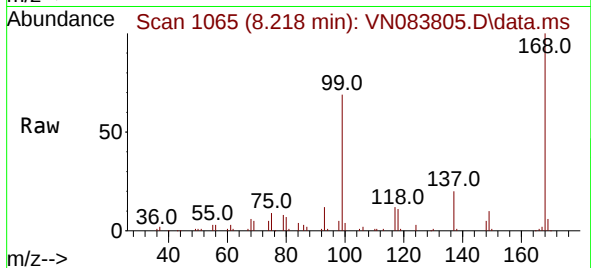
Quant Time: Sep 12 02:12:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



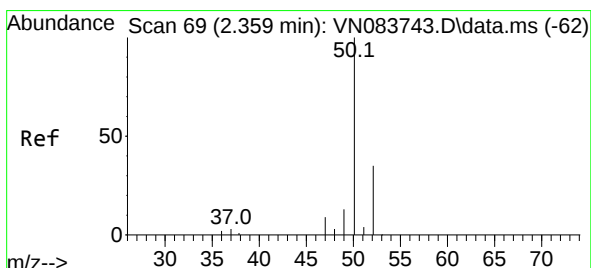
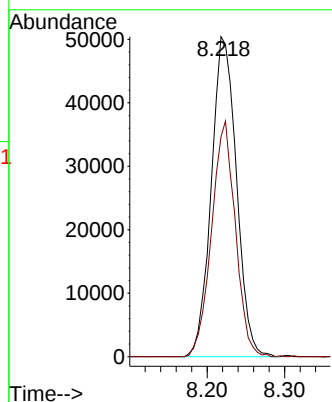
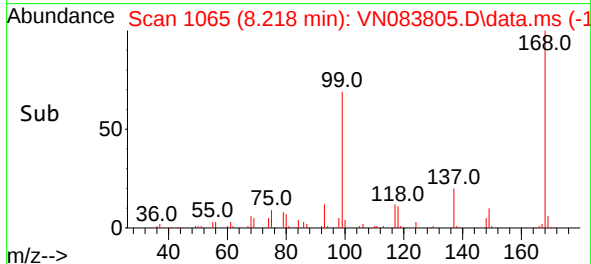


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

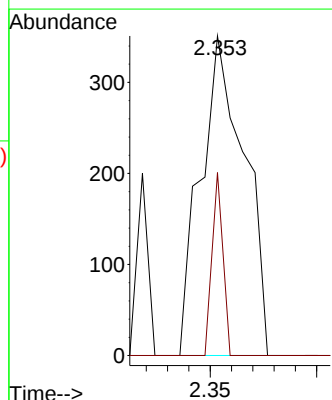
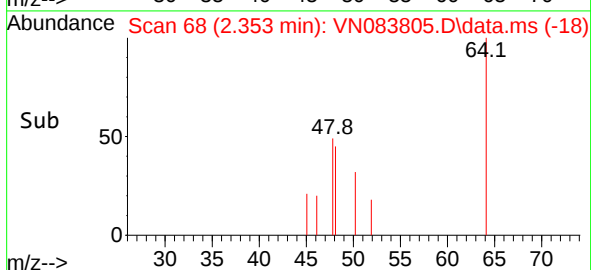
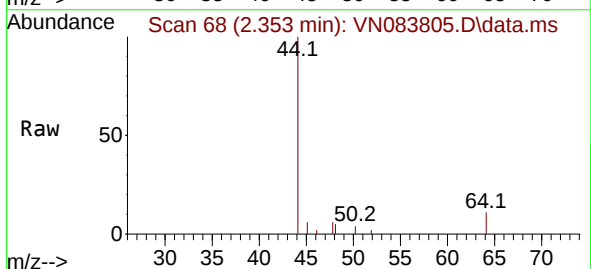


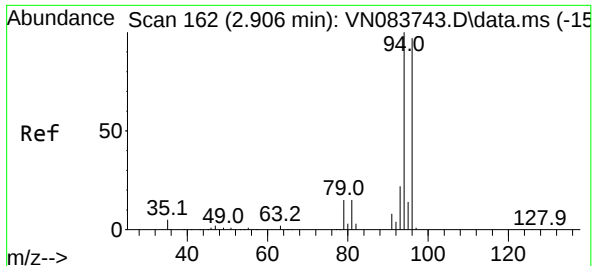
Tgt Ion:168 Resp: 113765
Ion Ratio Lower Upper
168 100
99 68.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 57.3 27.2 40.8#

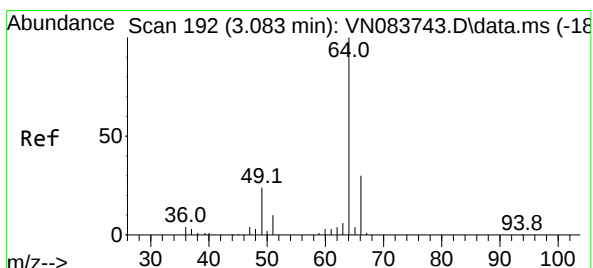
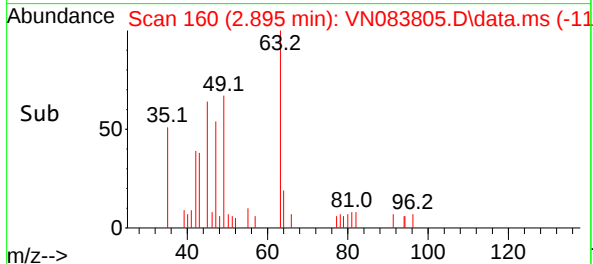
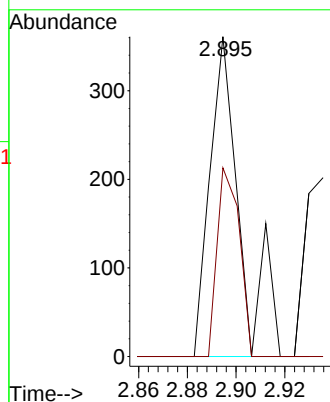
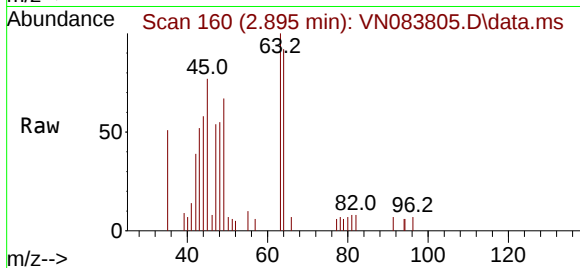




#5
Bromomethane
Concen: 0.376 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

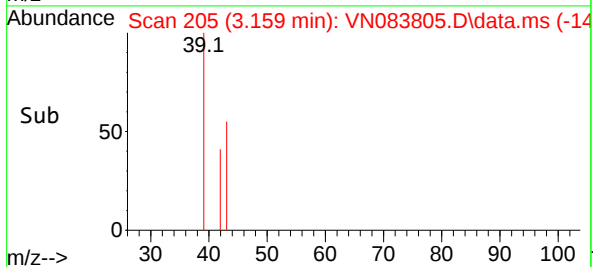
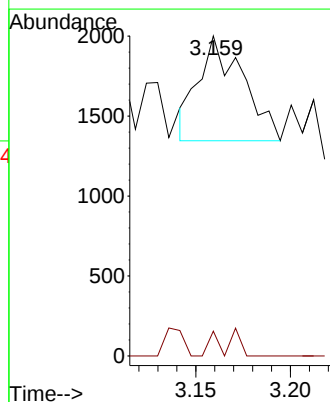
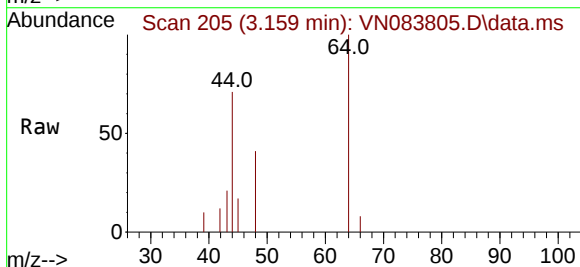
Instrument :
MSVOA_N
ClientSampleId :

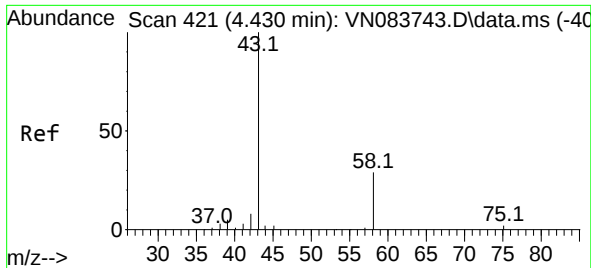
Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 59.0 76.0 114.0#



#6
Chloroethane
Concen: 1.046 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.076 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Tgt Ion: 64 Resp: 1063
Ion Ratio Lower Upper
64 100
66 23.7 23.9 35.9#

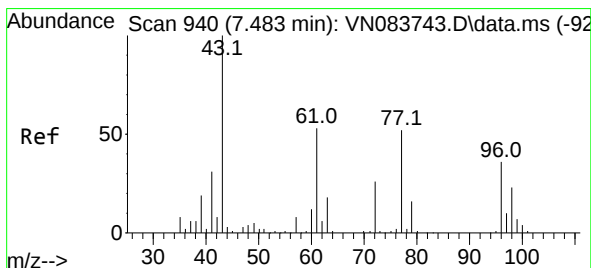
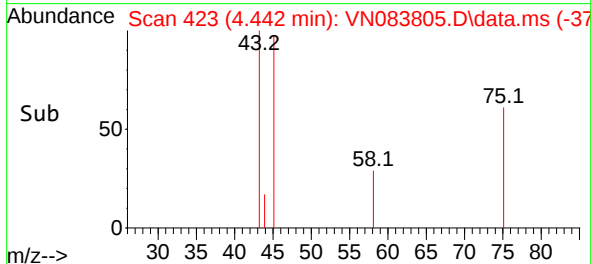
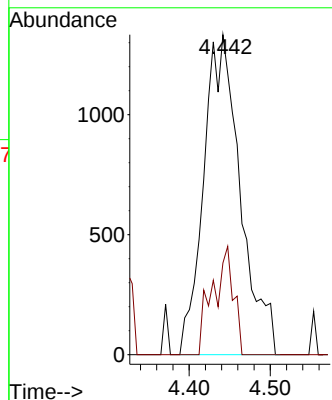
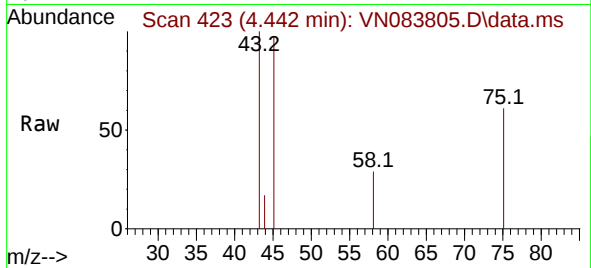




#16
Acetone
Concen: 6.089 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

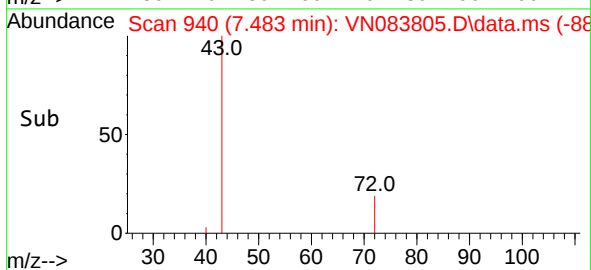
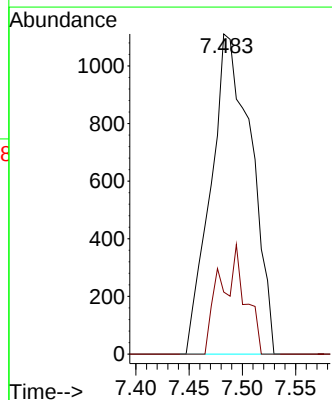
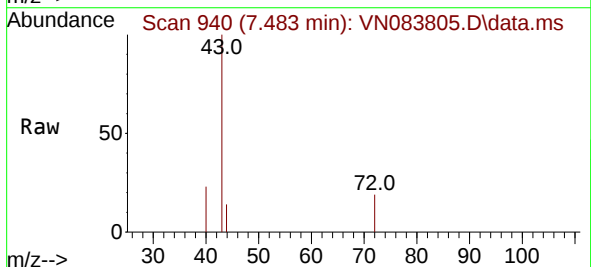
Instrument :
MSVOA_N
ClientSampleId :

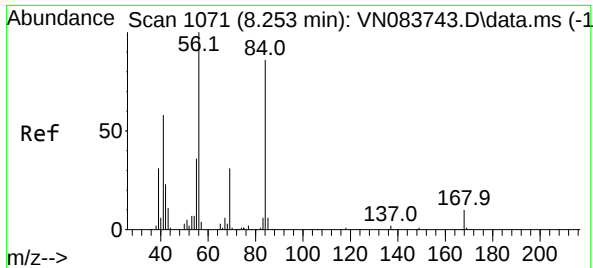
Tgt Ion: 43 Resp: 4187
Ion Ratio Lower Upper
43 100
58 28.7 23.7 35.5



#25
2-Butanone
Concen: 3.246 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

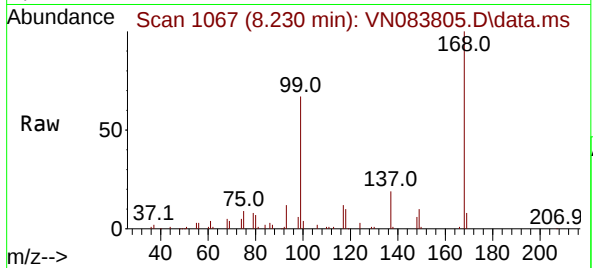
Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
72 19.4 20.8 31.2#



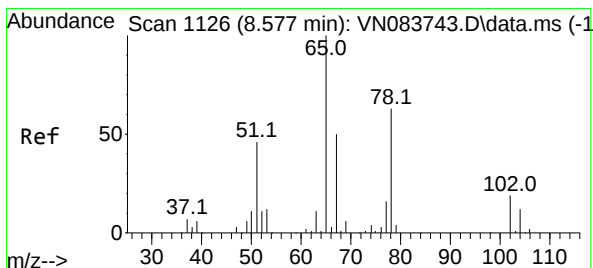
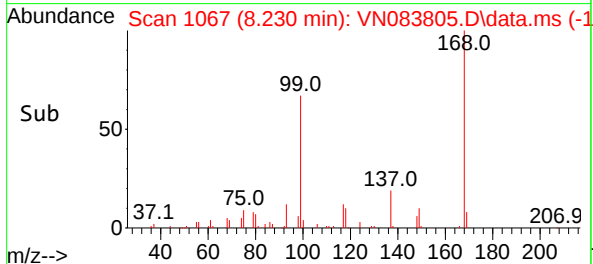
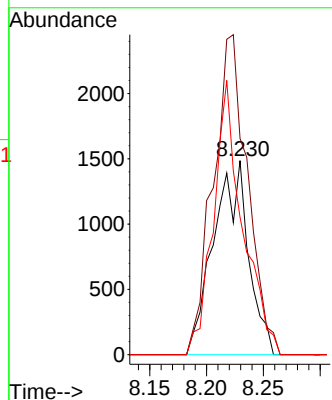


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 8.230 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

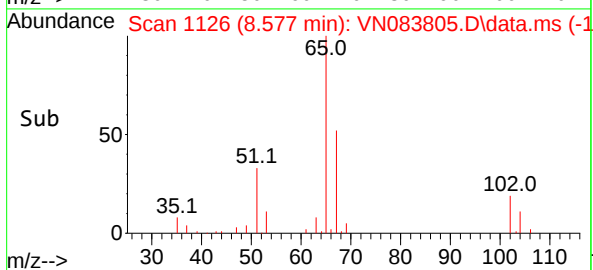
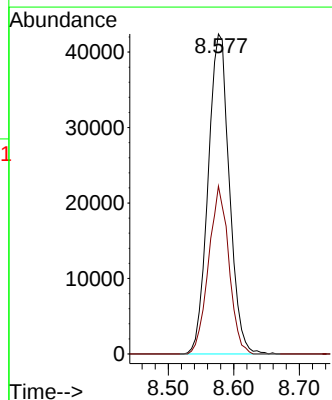
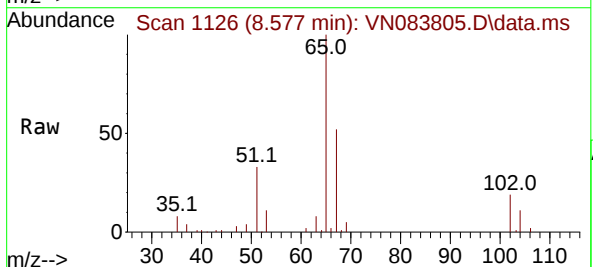


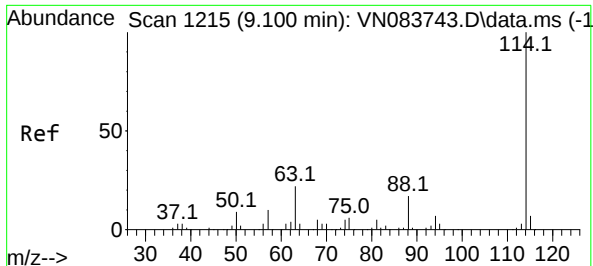
Tgt Ion: 56 Resp: 3150
Ion Ratio Lower Upper
56 100
69 111.4 26.9 40.3#
84 70.8 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 55.535 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Tgt Ion: 65 Resp: 95266
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

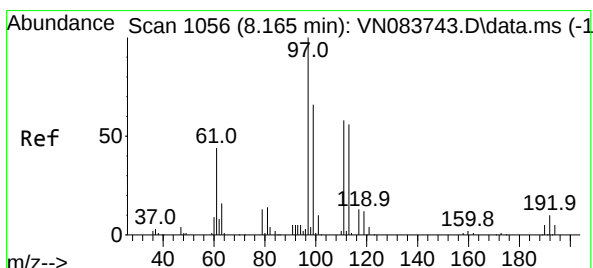
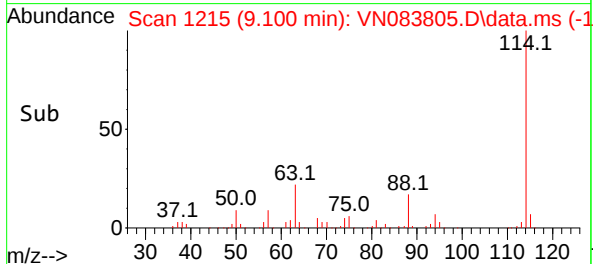
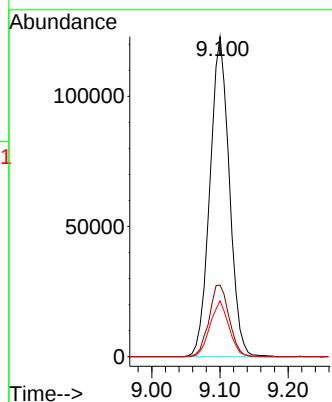
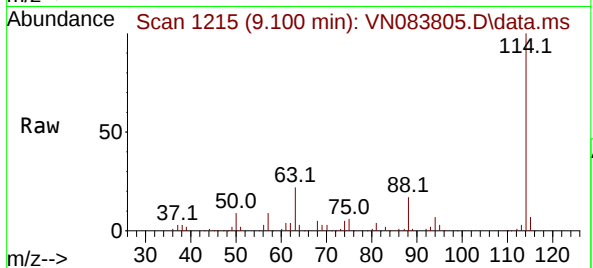
Tgt Ion:114 Resp: 242956

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.844 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

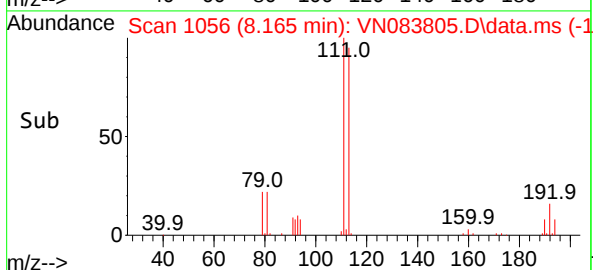
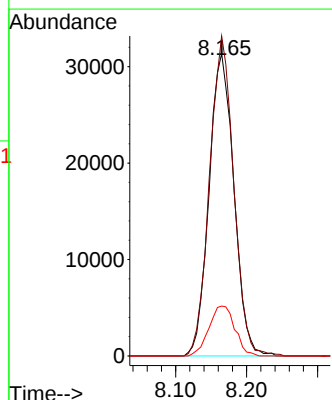
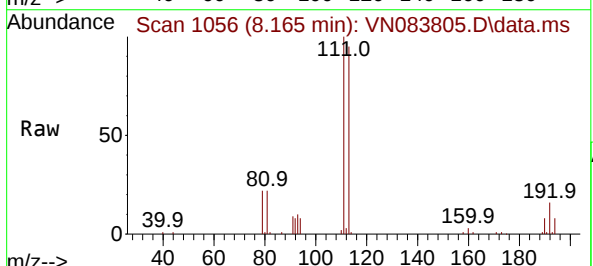
Tgt Ion:113 Resp: 75971

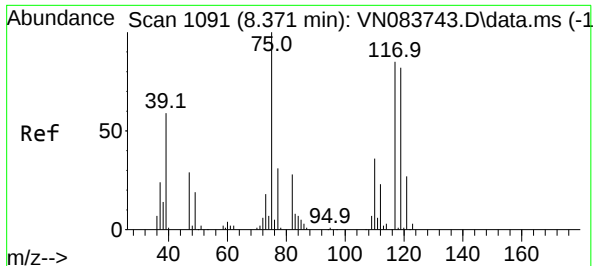
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.405 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

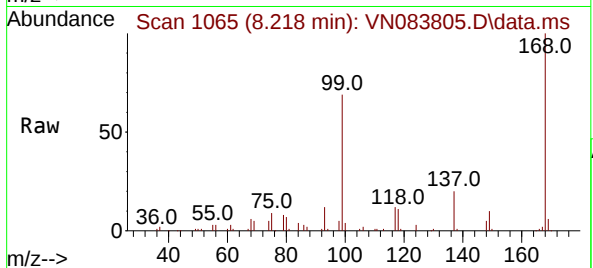
Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :



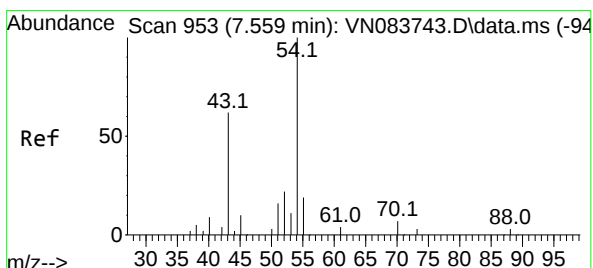
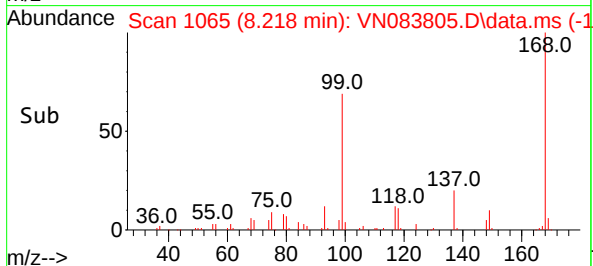
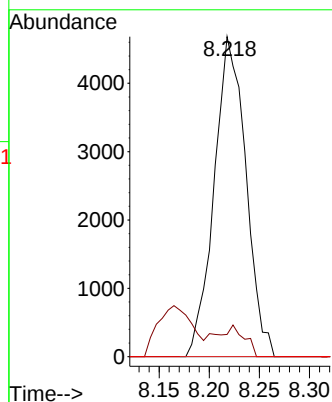
Tgt Ion: 75 Resp: 10313

Ion Ratio Lower Upper

75 100

110 5.6 16.7 50.1#

77 0.0 25.2 37.8#



#37

Ethyl Acetate

Concen: 1.381 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.077 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

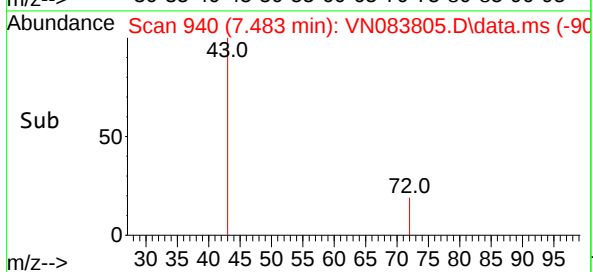
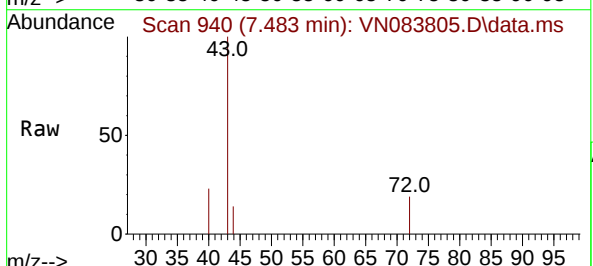
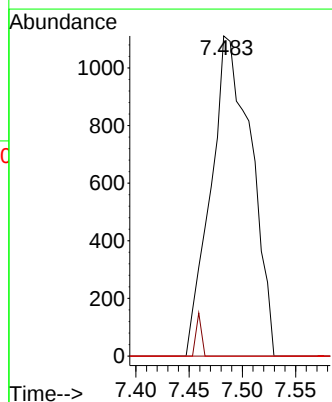
Tgt Ion: 43 Resp: 2934

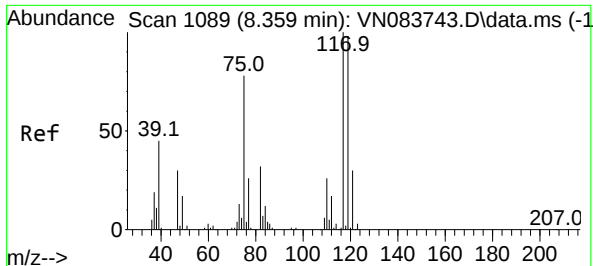
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

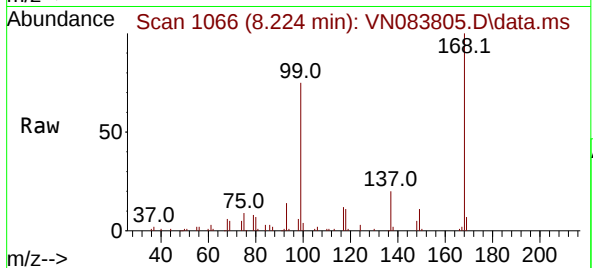
70 0.0 8.8 13.2#



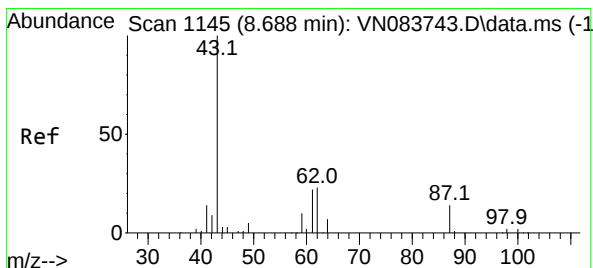
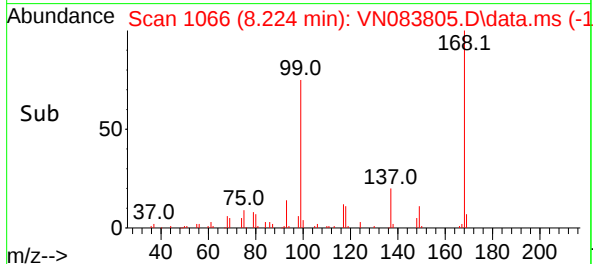
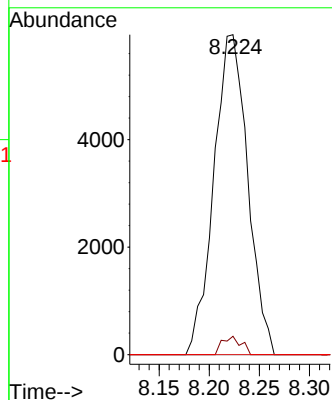


#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

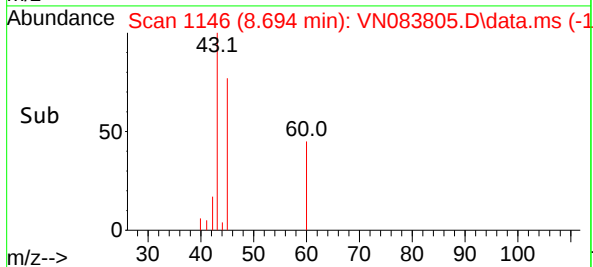
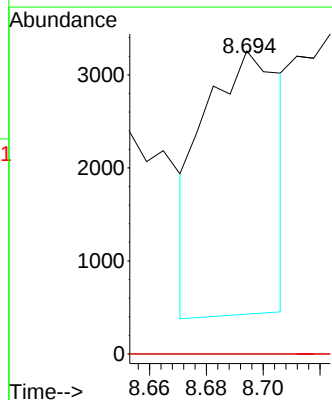
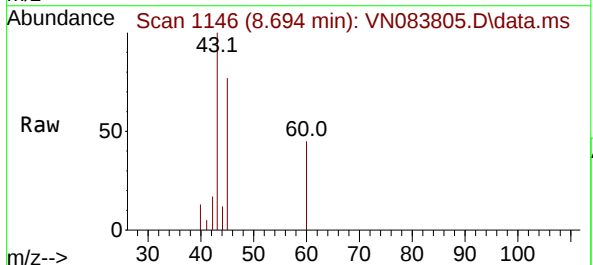


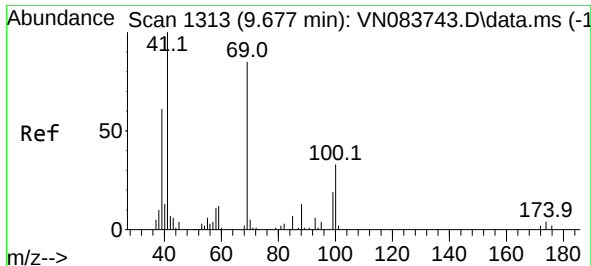
Tgt Ion:117 Resp: 14008
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 1.363 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Tgt Ion: 43 Resp: 5247
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#





#48

Methyl methacrylate

Concen: 0.252 ug/l

RT: 9.647 min Scan# 1313

Delta R.T. -0.029 min

Lab File: VN083805.D

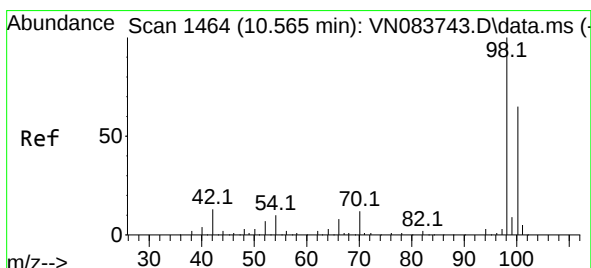
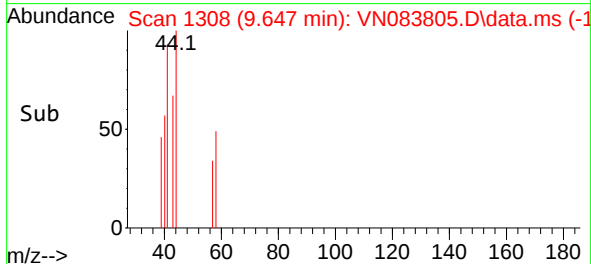
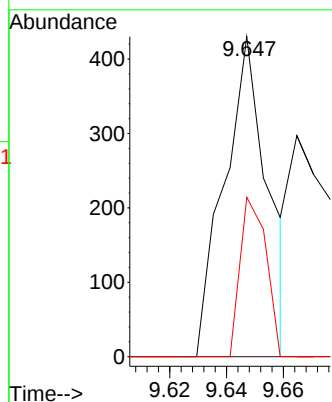
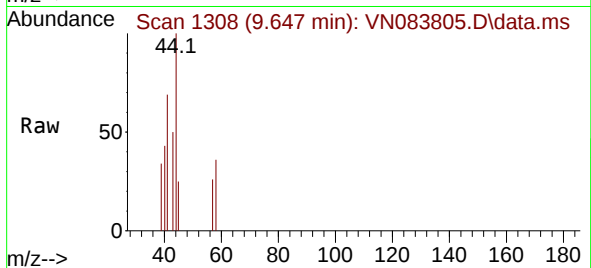
Acq: 11 Sep 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	41	Resp:	460
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.3	96.5#
39	29.6	48.9	73.3#



#50

Toluene-d8

Concen: 50.589 ug/l

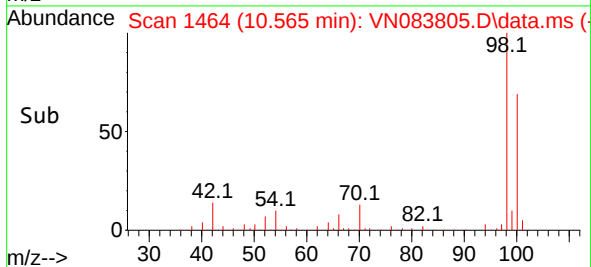
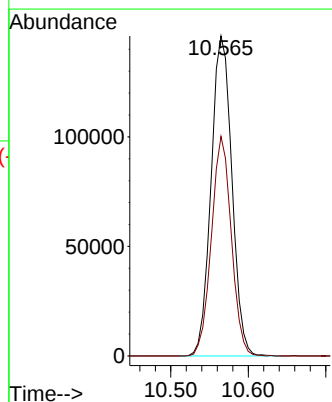
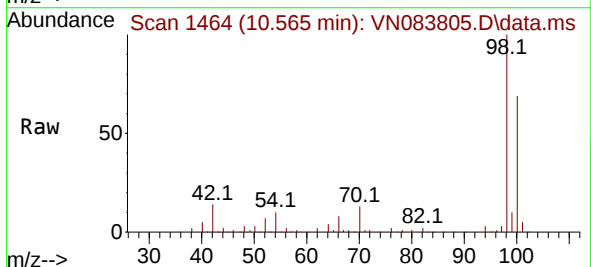
RT: 10.565 min Scan# 1464

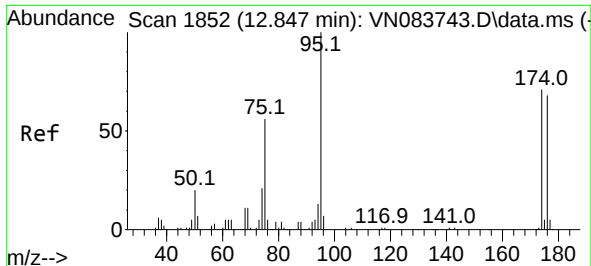
Delta R.T. -0.000 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

Tgt Ion:	98	Resp:	272016
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0

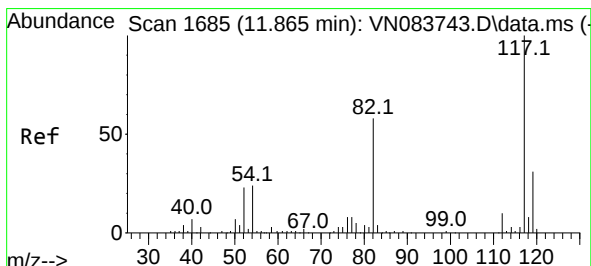
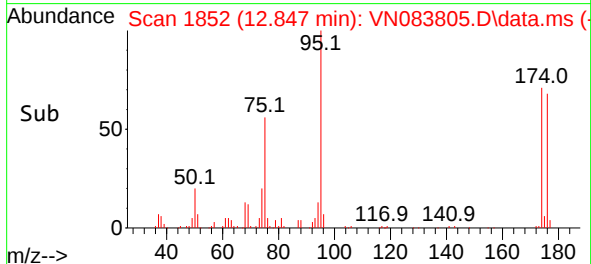
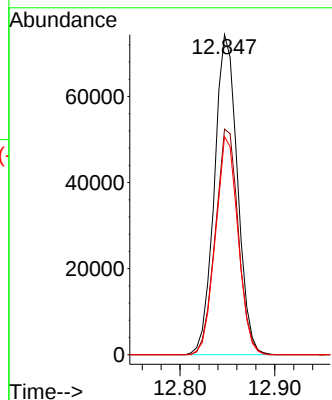
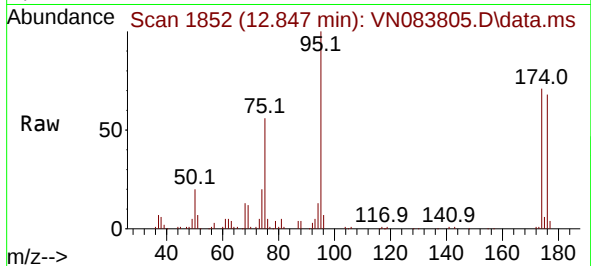




#62
4-Bromofluorobenzene
Concen: 56.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

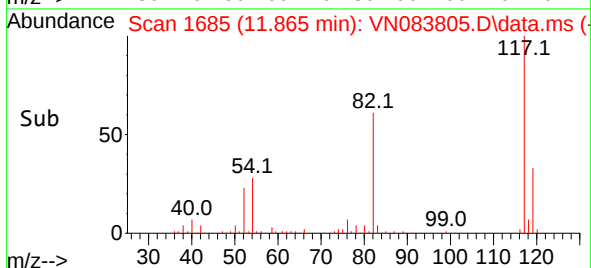
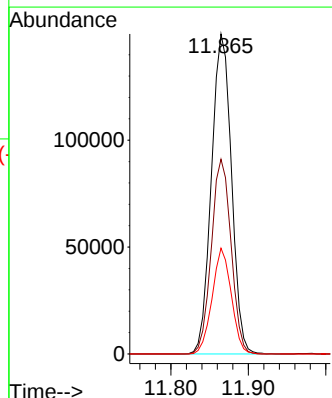
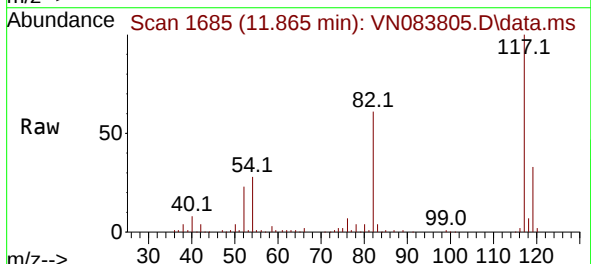
Instrument :
MSVOA_N
ClientSampleId :

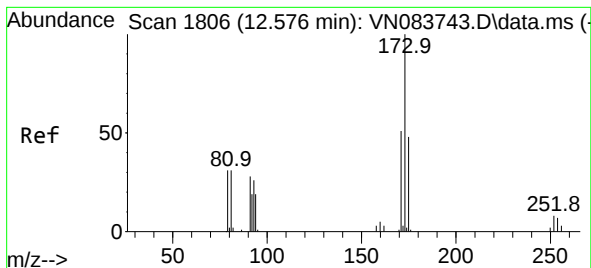
Tgt Ion: 95 Resp: 125582
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 66.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Tgt Ion: 117 Resp: 268629
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 33.0 26.3 39.5





#71

Bromoform

Concen: 0.630 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN083805.D

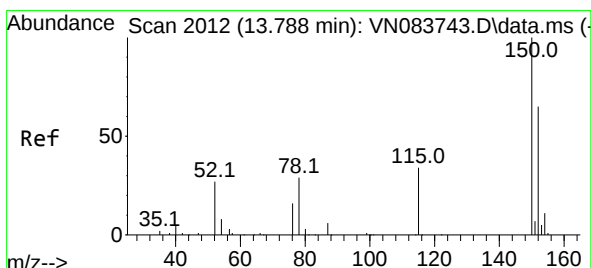
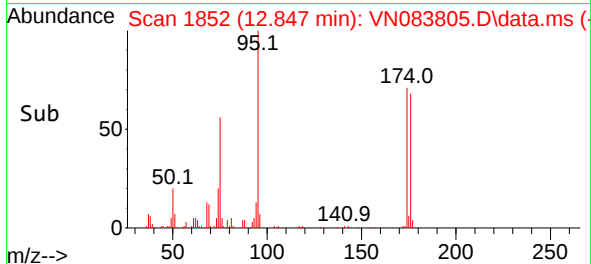
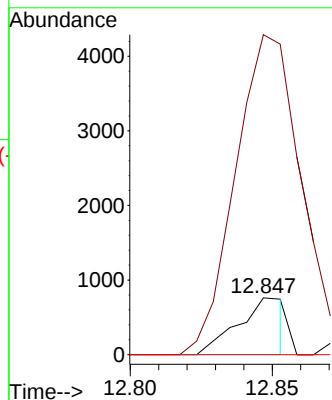
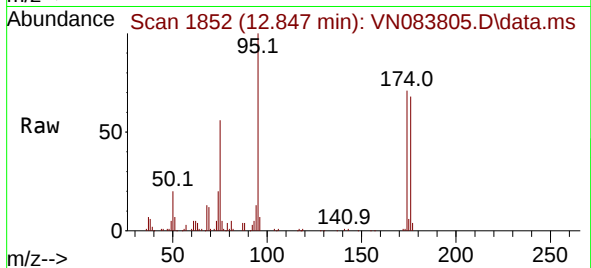
Acq: 11 Sep 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	878
Ion Ratio	Lower	Upper	
173	100		
175	592.1	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

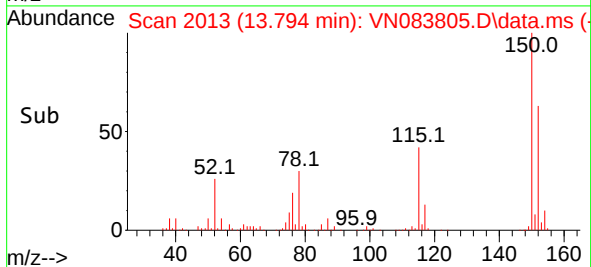
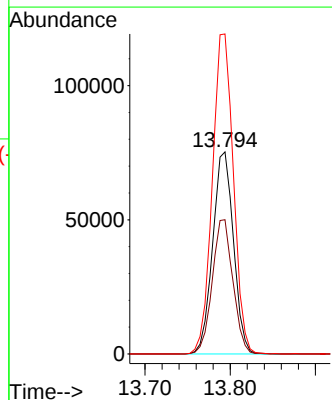
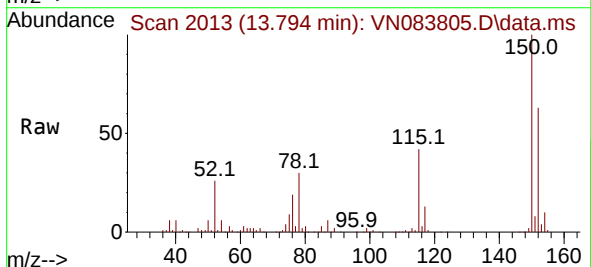
RT: 13.794 min Scan# 2013

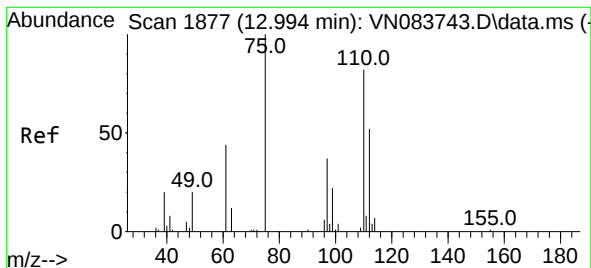
Delta R.T. 0.006 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

Tgt Ion:	152	Resp:	127503
Ion Ratio	Lower	Upper	
152	100		
115	66.0	32.2	96.6
150	160.2	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 27.551 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

Instrument :

MSVOA_N

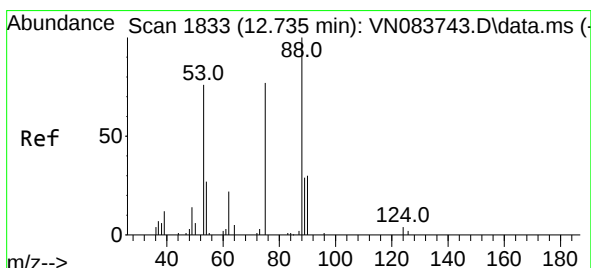
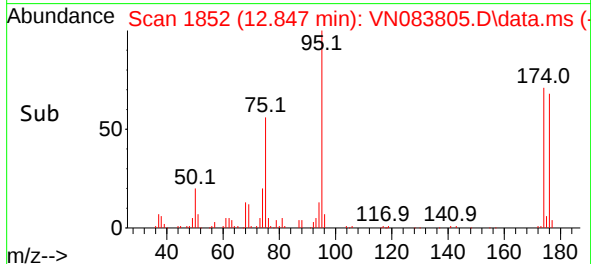
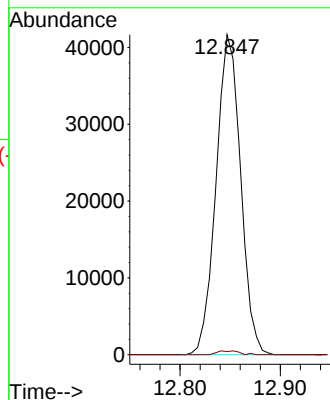
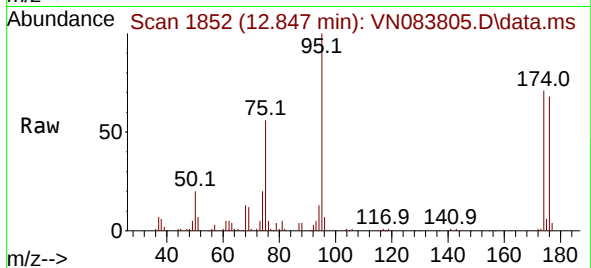
ClientSampleId :

Tgt Ion: 75 Resp: 70882

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.158 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083805.D

Acq: 11 Sep 2024 19:09

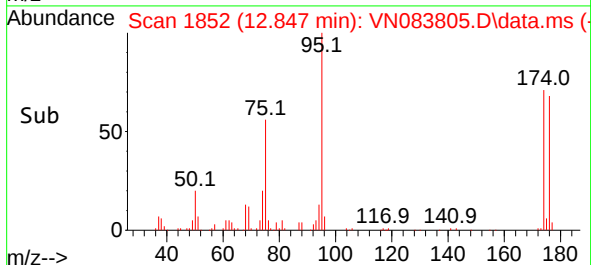
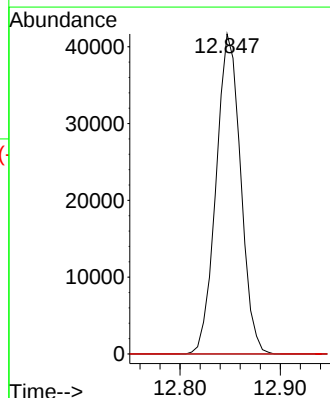
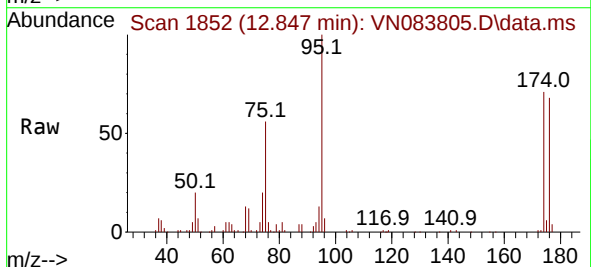
Tgt Ion: 75 Resp: 70882

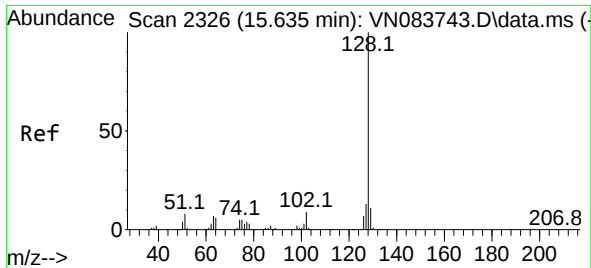
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

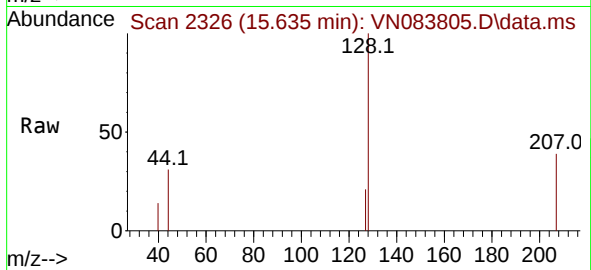
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.286 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083805.D
Acq: 11 Sep 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	6.6	10.2	15.2#
129	0.0	8.7	13.1#

