

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084208.D
 Acq On : 27 Sep 2024 17:06
 Operator : JC\MD
 Sample : P4192-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 28 01:01:18 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)

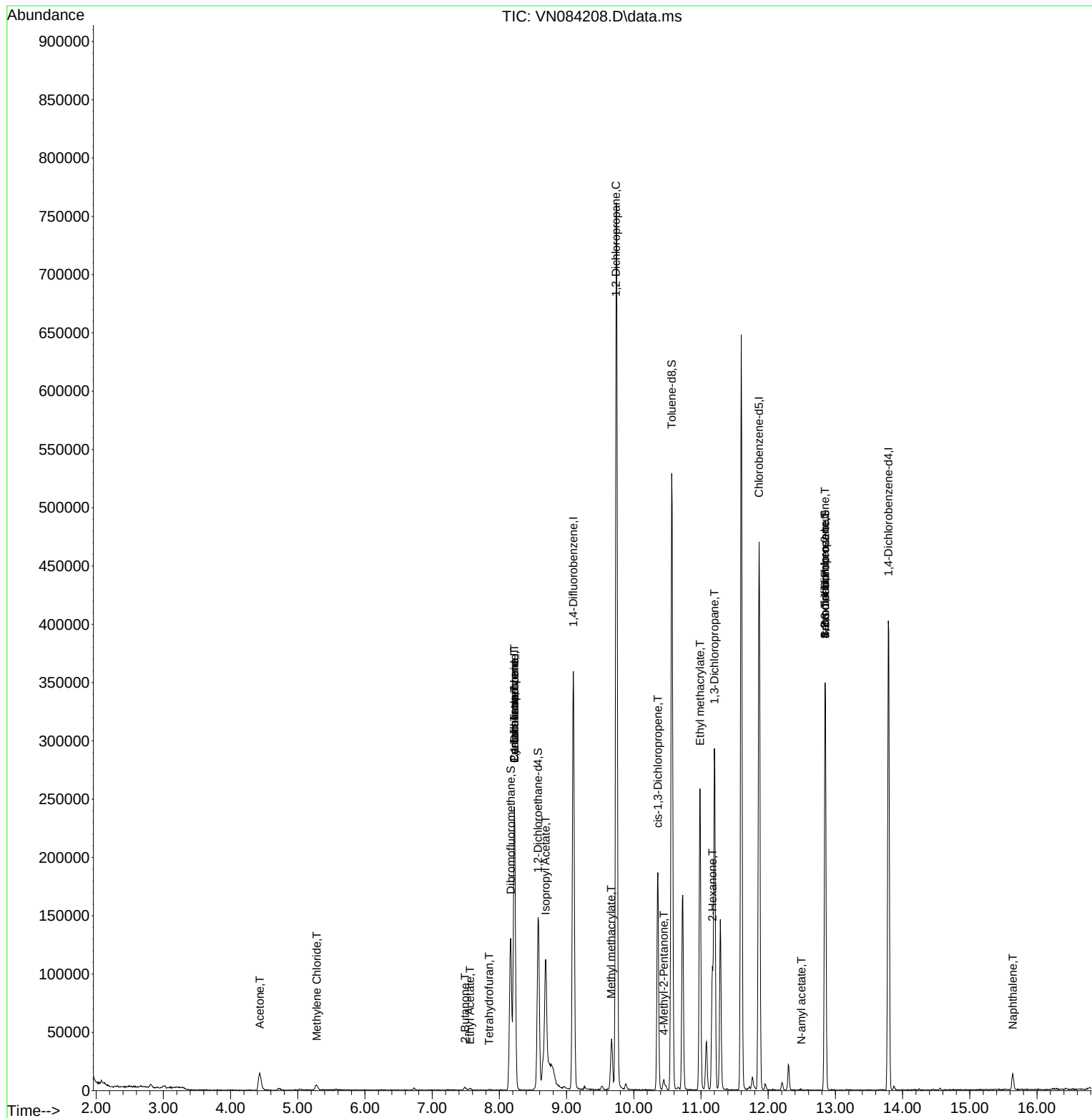
Internal Standards						
1) Pentafluorobenzene	8.224	168	169159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125325	49.134	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.260%
35) Dibromofluoromethane	8.171	113	94810	48.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.680%
50) Toluene-d8	10.565	98	360325	53.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.380%
62) 4-Bromofluorobenzene	12.847	95	121117	43.746	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	113	Below Cal	#	41
16) Acetone	4.436	43	29220	28.577	ug/l	98
18) Methyl Acetate	5.036	43	1591	Below Cal	#	66
20) Methylene Chloride	5.283	84	3540	1.692	ug/l	# 86
25) 2-Butanone	7.489	43	4386	3.264	ug/l	# 97
29) Tetrahydrofuran	7.847	42	693	0.872	ug/l	# 39
31) Cyclohexane	8.224	56	4239	1.150	ug/l	# 13
36) 1,1-Dichloropropene	8.224	75	15485	5.300	ug/l	# 50
37) Ethyl Acetate	7.565	43	2679	1.010	ug/l	# 71
38) Carbon Tetrachloride	8.224	117	19691	5.941	ug/l	# 17
43) Isopropyl Acetate	8.688	43	165350	34.406	ug/l	# 81
45) 1,2-Dichloropropane	9.735	63	929	0.437	ug/l	# 42
48) Methyl methacrylate	9.665	41	2959	1.298	ug/l	# 43
51) 4-Methyl-2-Pentanone	10.447	43	9992	3.819	ug/l	# 73
54) cis-1,3-Dichloropropene	10.359	75	33235	9.688	ug/l	# 60
56) Ethyl methacrylate	10.988	69	754	0.244	ug/l	# 1
57) 1,3-Dichloropropane	11.200	76	3037	0.880	ug/l	# 42
59) 2-Hexanone	11.171	43	128020	66.154	ug/l	# 24
71) Bromoform	12.847	173	877	0.648	ug/l	# 1
74) N-amyl acetate	12.494	43	918	0.263	ug/l	# 43
76) 1,2,3-Trichloropropane	12.847	75	66325	31.045	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	66325	81.309	ug/l	# 9
95) Naphthalene	15.641	128	13969	2.383	ug/l	100

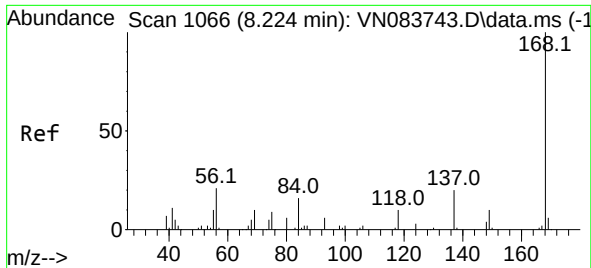
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
Data File : VN084208.D
Acq On : 27 Sep 2024 17:06
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Sample : P4192-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

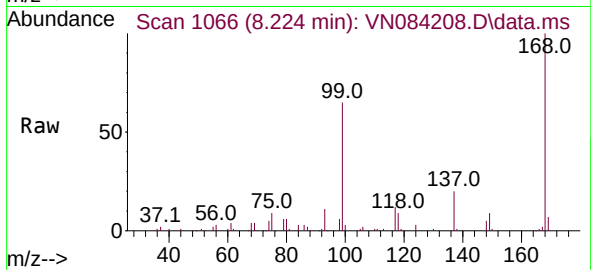
Quant Time: Sep 28 01:01:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



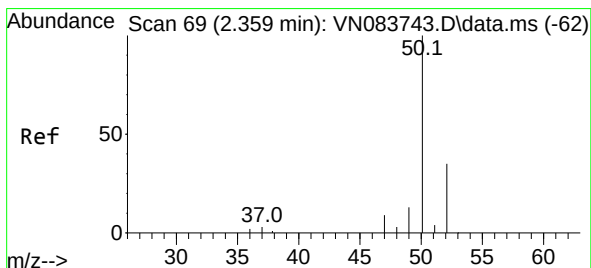
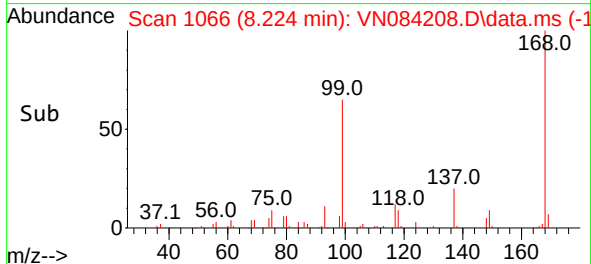
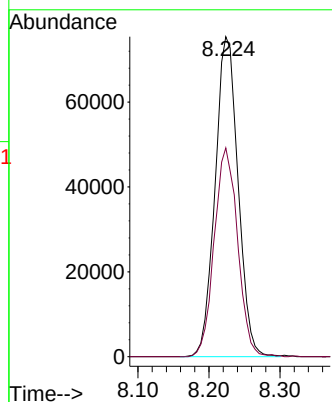


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

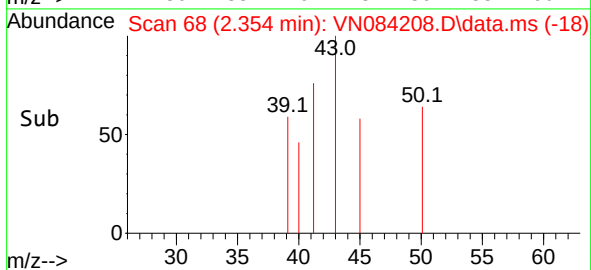
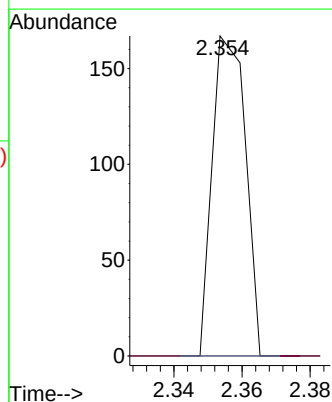
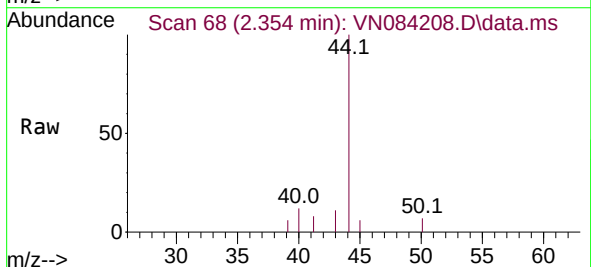


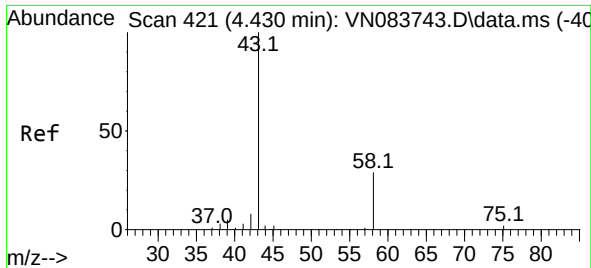
Tgt Ion:168 Resp: 169159
Ion Ratio Lower Upper
168 100
99 65.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

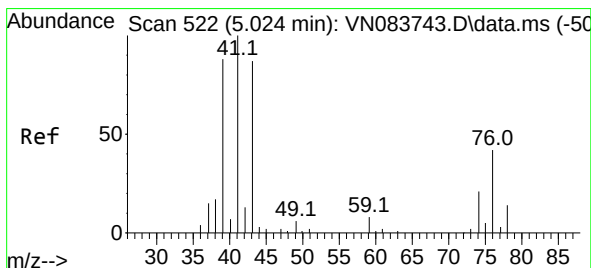
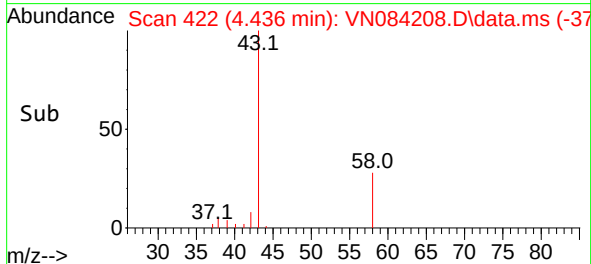
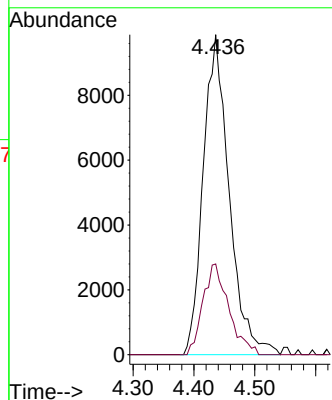
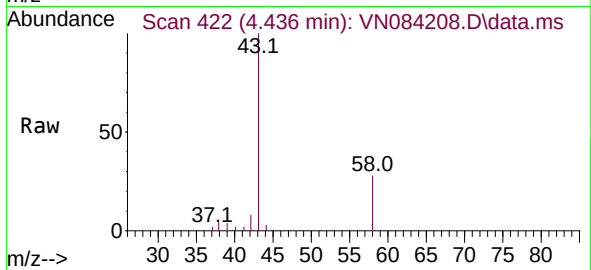




#16
Acetone
Concen: 28.577 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

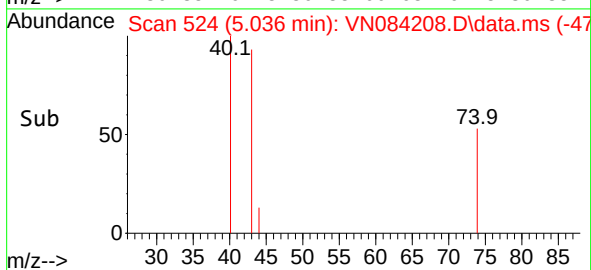
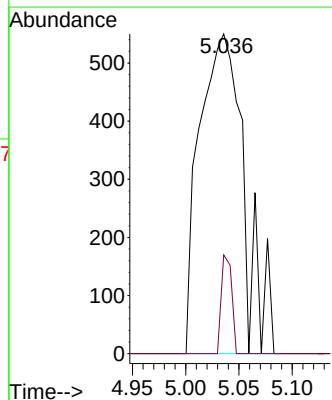
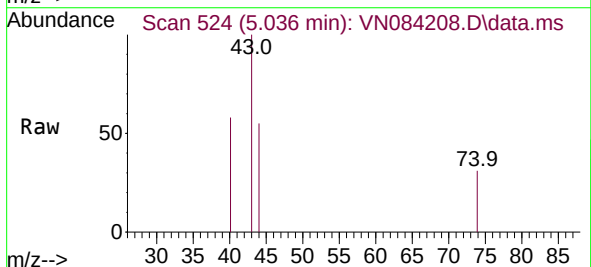
Instrument :
MSVOA_N
ClientSampleId :

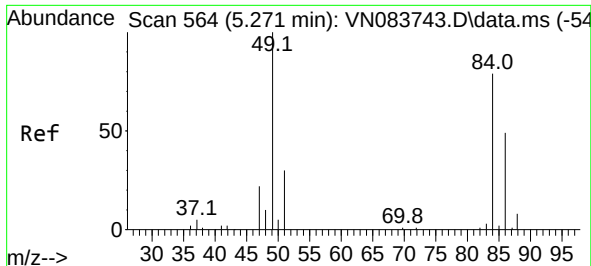
Tgt Ion: 43 Resp: 29220
Ion Ratio Lower Upper
43 100
58 28.4 23.7 35.5



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

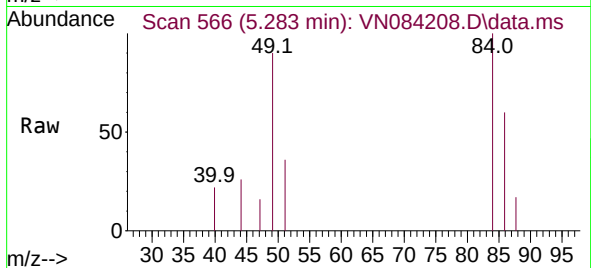
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
74 7.2 19.0 28.4#



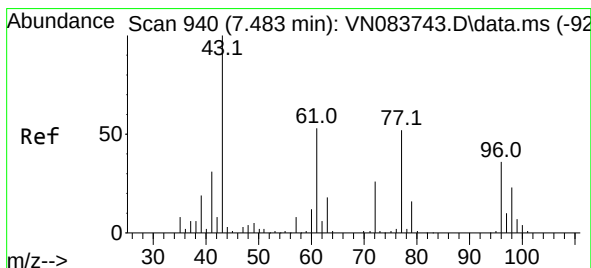
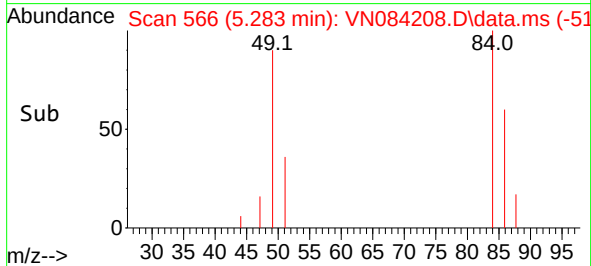
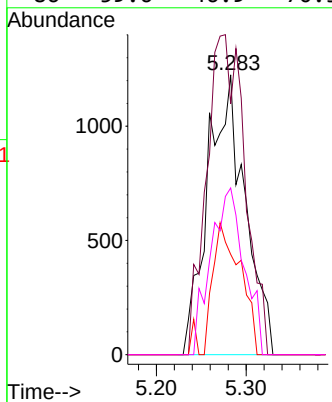


#20
Methylene Chloride
Concen: 1.692 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

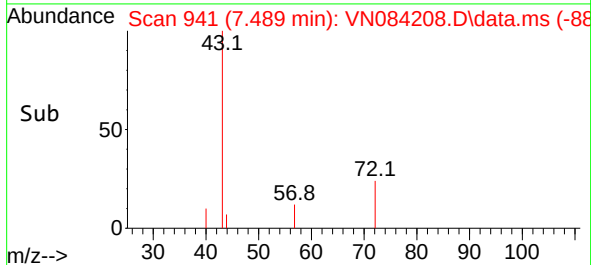
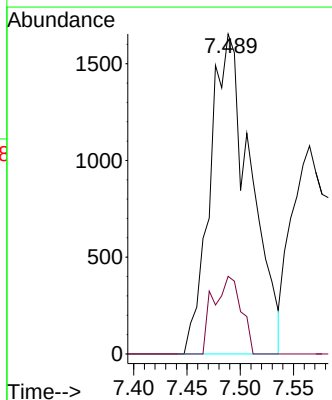
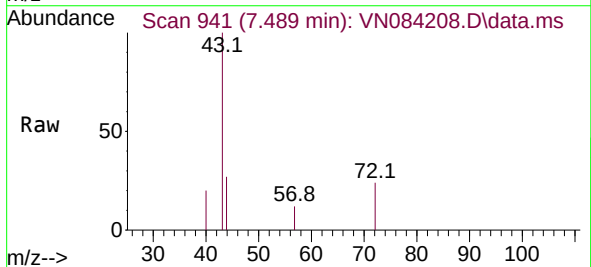


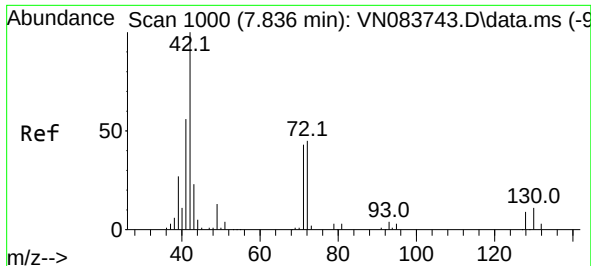
Tgt Ion:	84	Resp:	3540
Ion	Ratio	Lower	Upper
84	100		
49	89.7	93.4	140.0#
51	35.8	29.2	43.8
86	59.6	46.9	70.3



#25
2-Butanone
Concen: 3.264 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion:	43	Resp:	4386
Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.8	31.2





#29

Tetrahydrofuran

Concen: 0.872 ug/l

RT: 7.847 min Scan# 1066

Delta R.T. 0.012 min

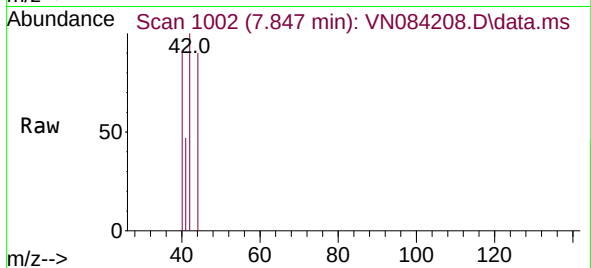
Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

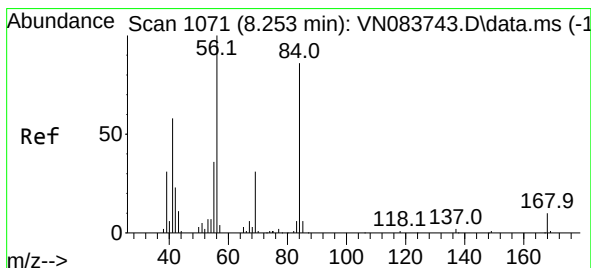
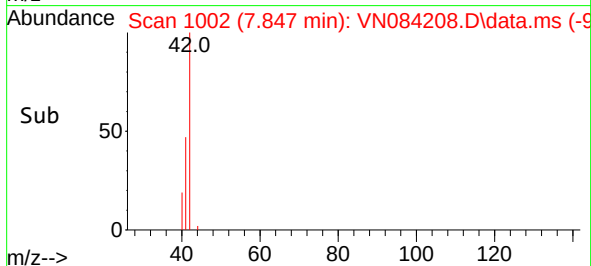
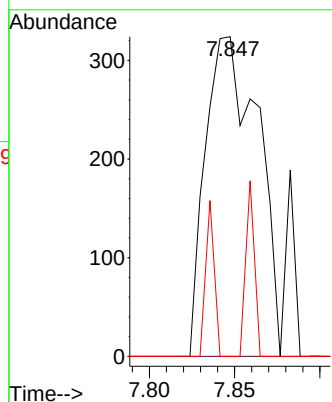
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	693
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	9.1	33.9	50.9#



#31

Cyclohexane

Concen: 1.150 ug/l

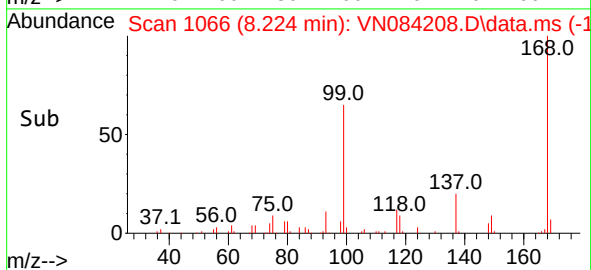
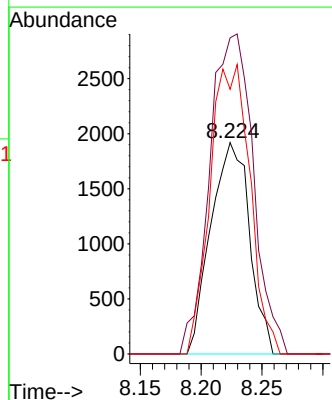
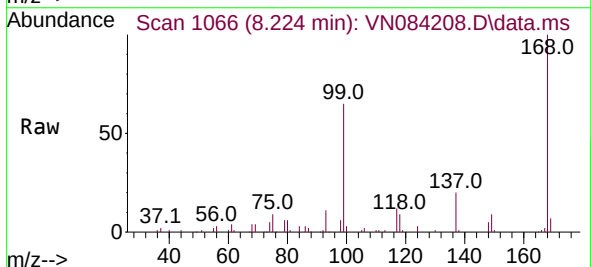
RT: 8.224 min Scan# 1066

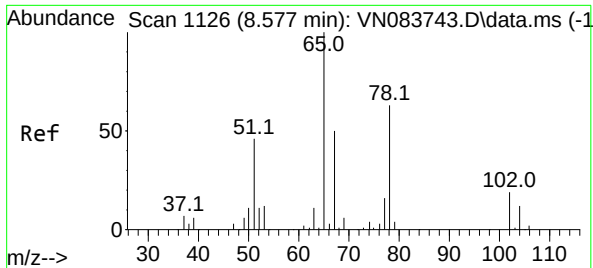
Delta R.T. -0.029 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

Tgt Ion:	56	Resp:	4239
Ion	Ratio	Lower	Upper
56	100		
69	149.5	26.9	40.3#
84	125.2	69.2	103.8#





#33

1,2-Dichloroethane-d4

Concen: 49.134 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

Instrument :

MSVOA_N

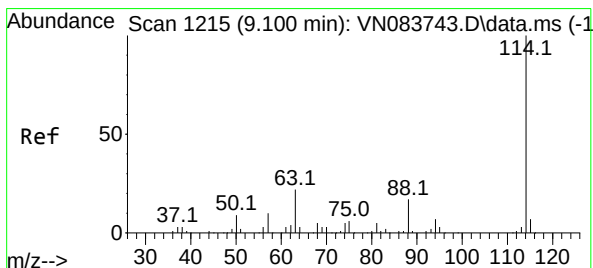
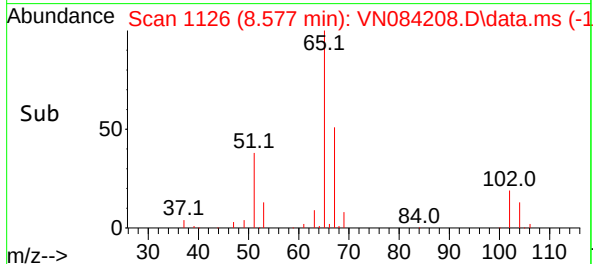
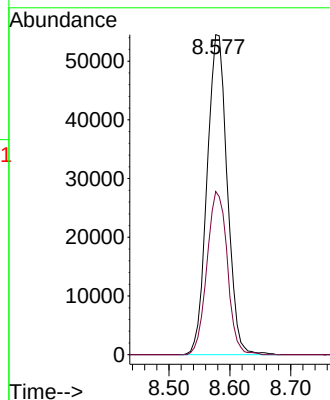
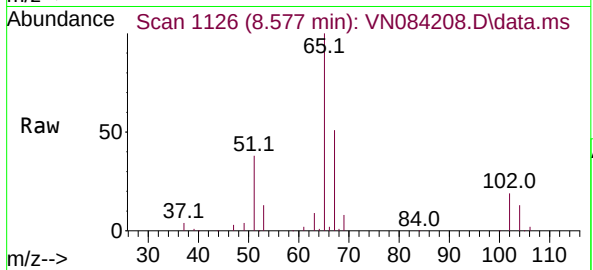
ClientSampleId :

Tgt Ion: 65 Resp: 125325

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

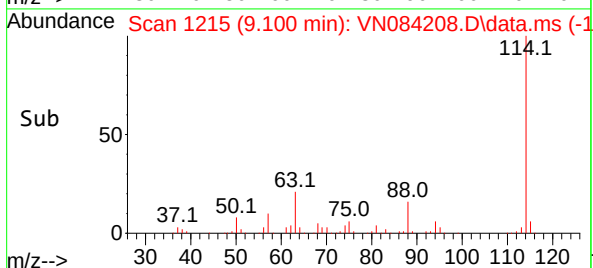
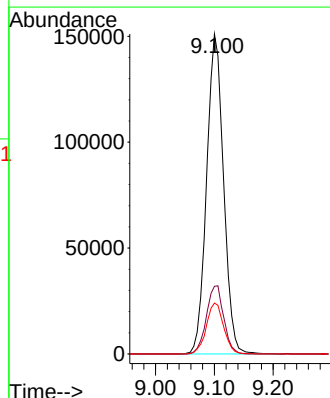
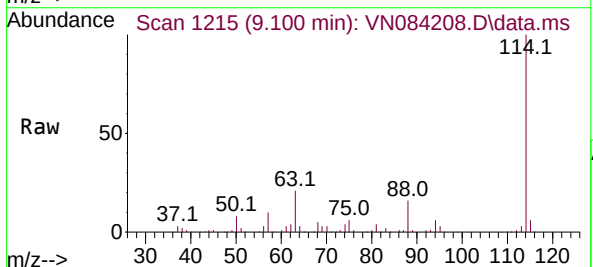
Tgt Ion: 114 Resp: 303215

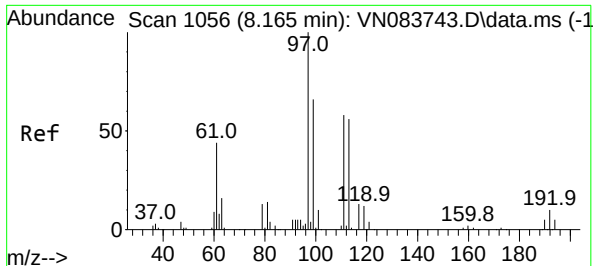
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.842 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

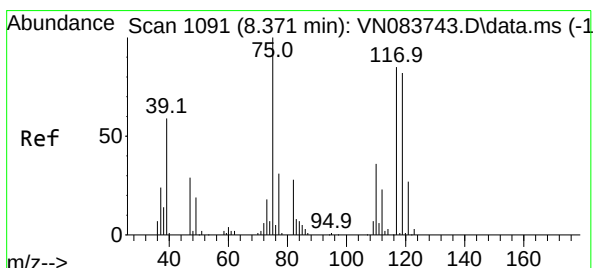
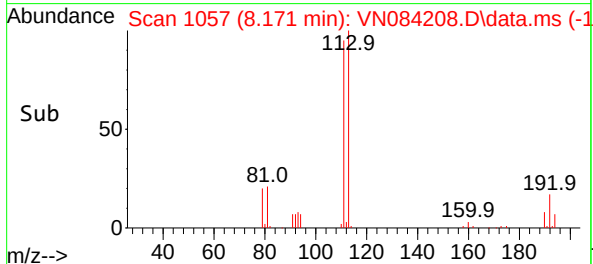
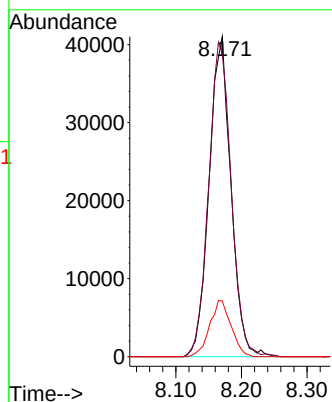
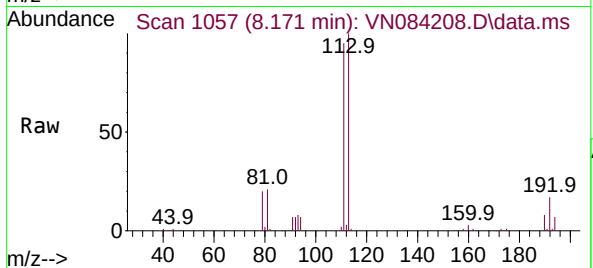
Tgt Ion:113 Resp: 94810

Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.300 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

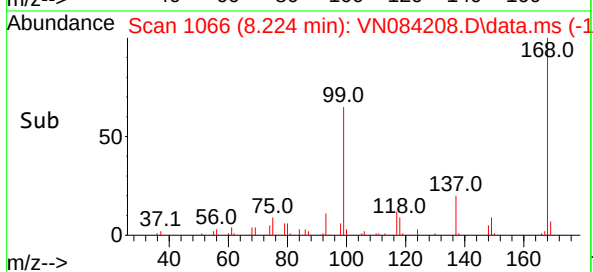
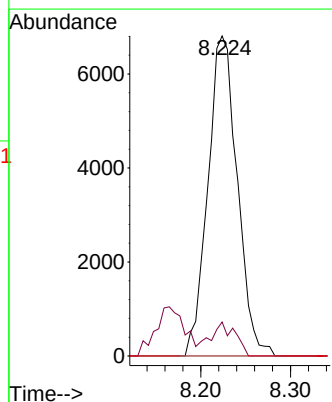
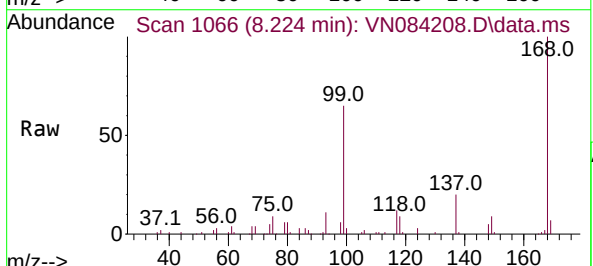
Tgt Ion: 75 Resp: 15485

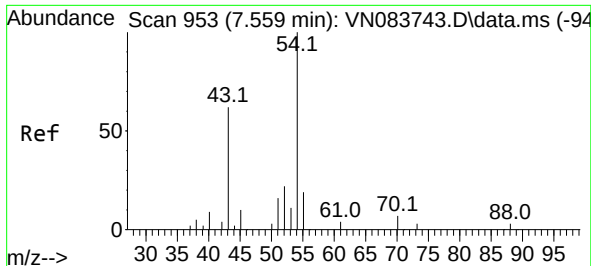
Ion Ratio Lower Upper

75 100

110 8.4 16.7 50.1#

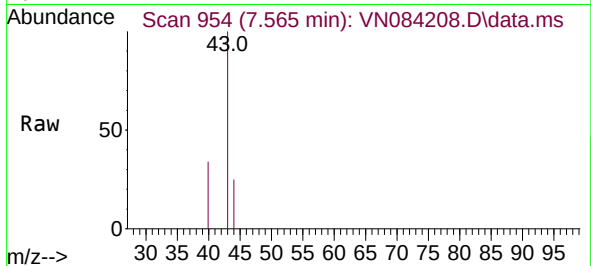
77 0.0 25.2 37.8#



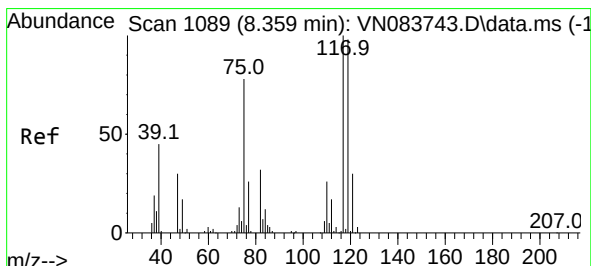
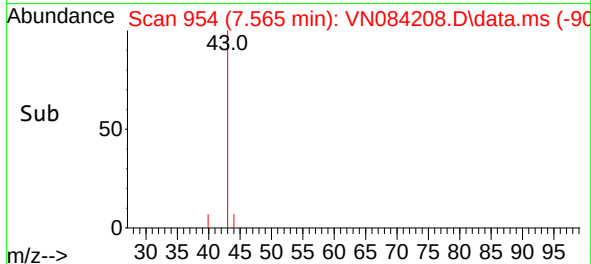
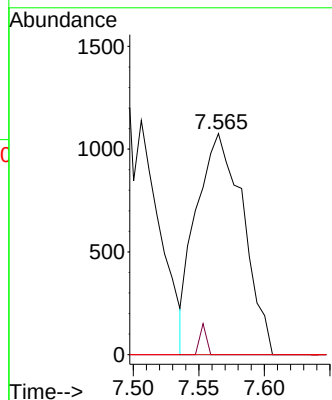


#37
Ethyl Acetate
Concen: 1.010 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

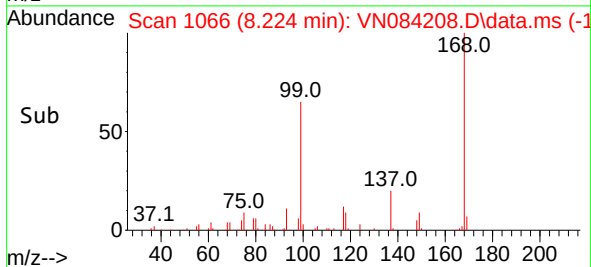
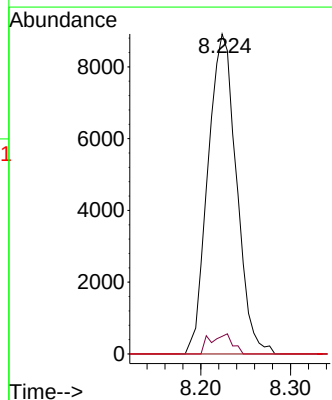
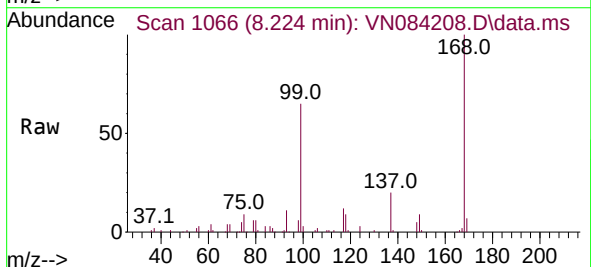


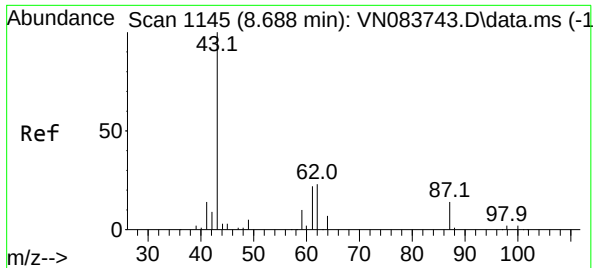
Tgt Ion: 43 Resp: 2679
Ion Ratio Lower Upper
43 100
61 2.0 11.1 16.7#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion: 117 Resp: 19691
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.1 36.1#

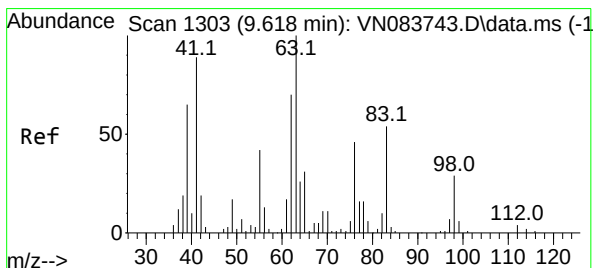
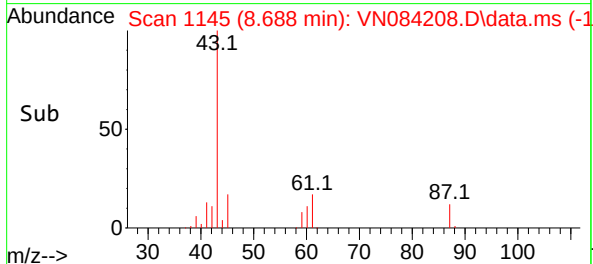
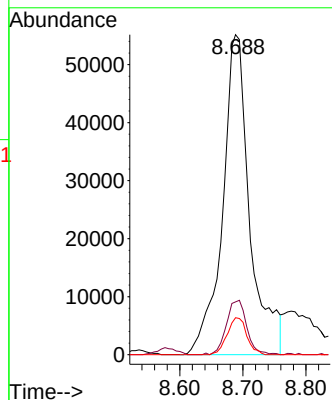
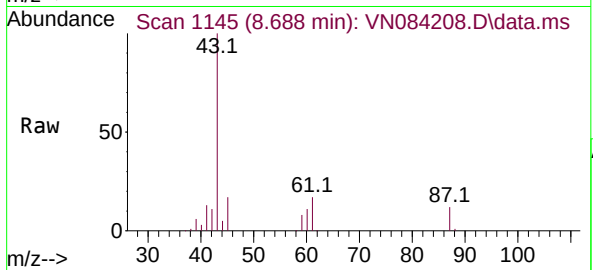




#43
Isopropyl Acetate
Concen: 34.406 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

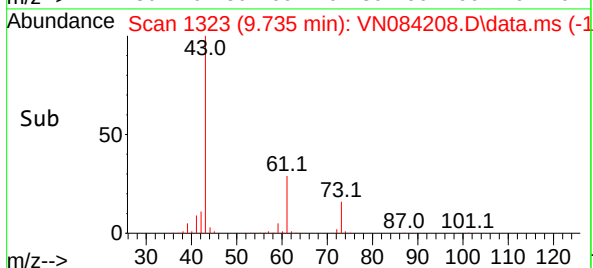
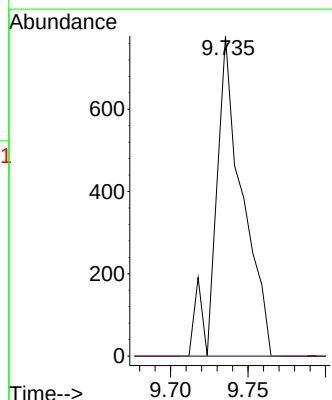
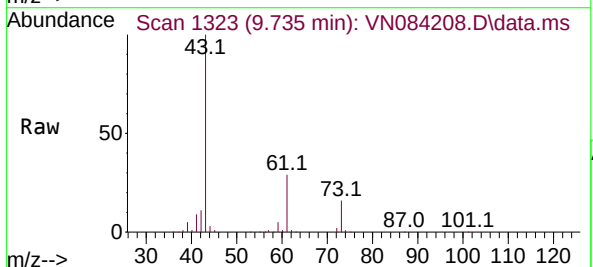
Instrument :
MSVOA_N
ClientSampleId :

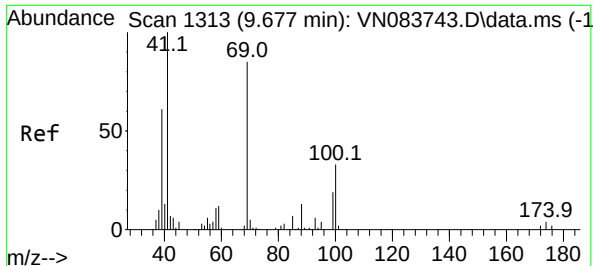
Tgt Ion: 43 Resp: 165350
Ion Ratio Lower Upper
43 100
61 12.7 19.4 29.0#
87 8.3 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 0.437 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.118 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

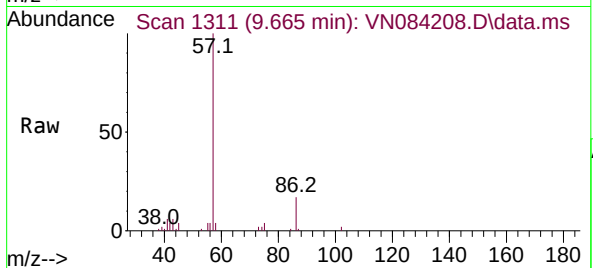
Tgt Ion: 63 Resp: 929
Ion Ratio Lower Upper
63 100
65 0.0 25.9 38.9#



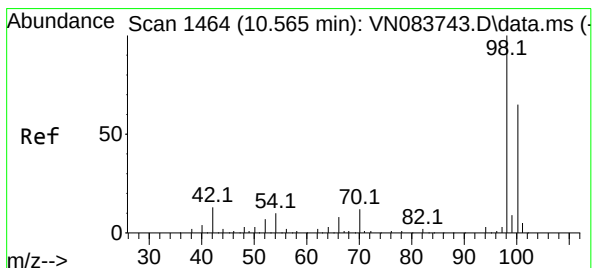
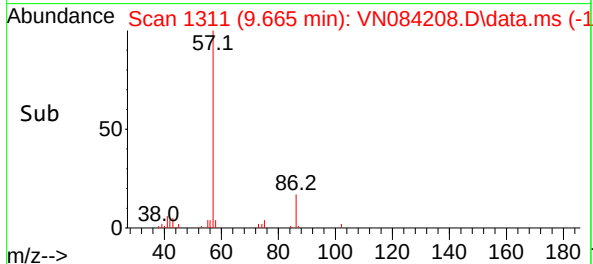
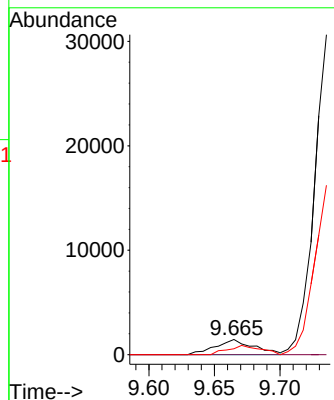


#48
Methyl methacrylate
Concen: 1.298 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

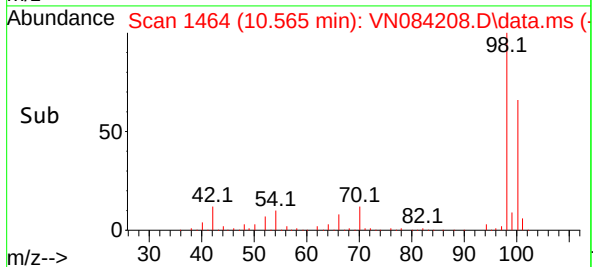
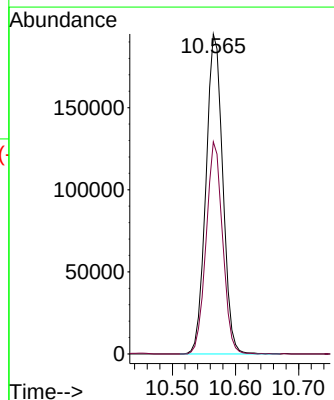
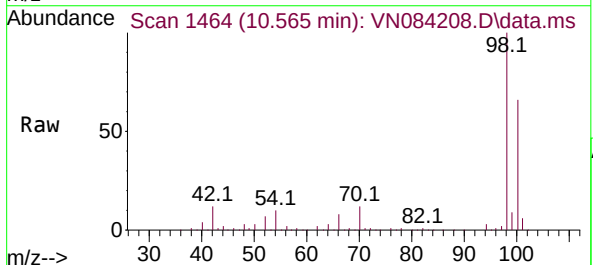


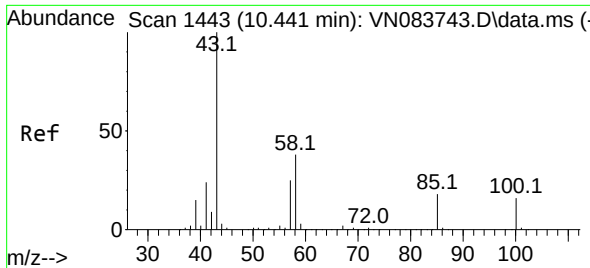
Tgt Ion: 41 Resp: 2959
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 52.1 48.9 73.3



#50
Toluene-d8
Concen: 53.695 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion: 98 Resp: 360325
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

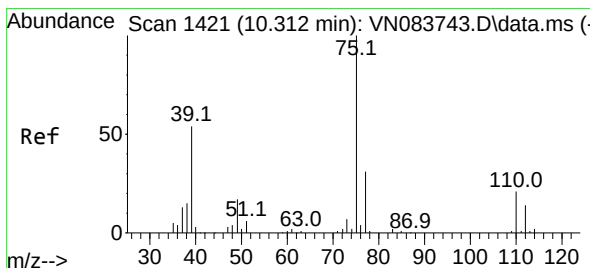
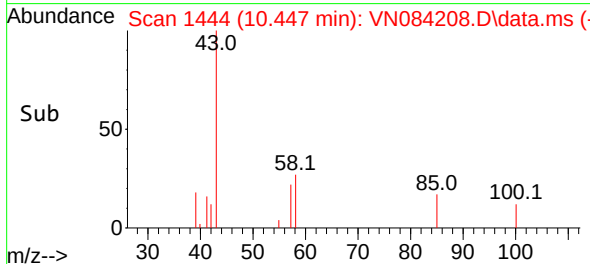
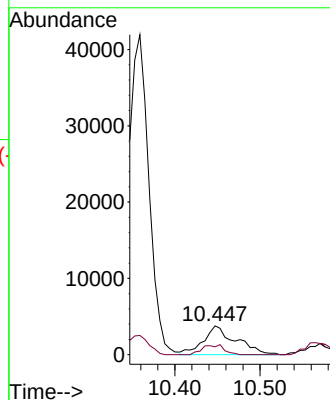
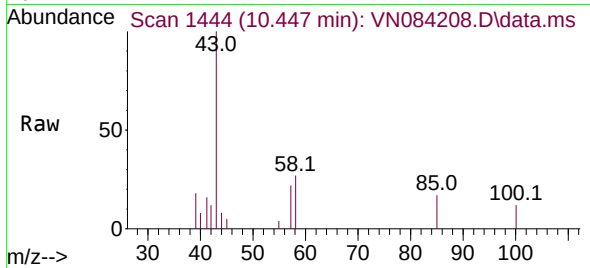




#51
4-Methyl-2-Pentanone
Concen: 3.819 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

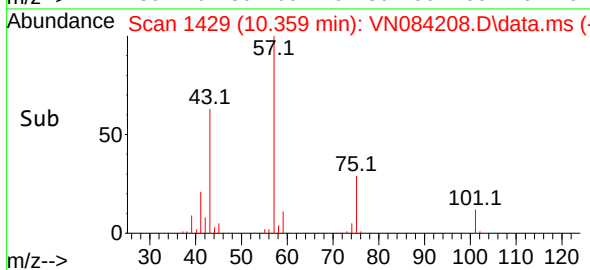
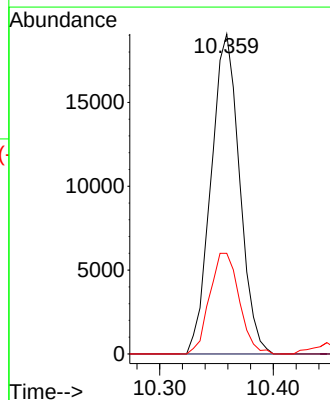
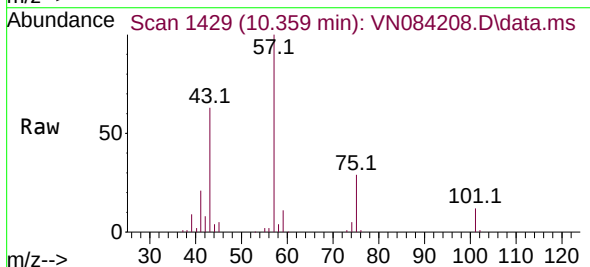
Instrument :
MSVOA_N
ClientSampleId :

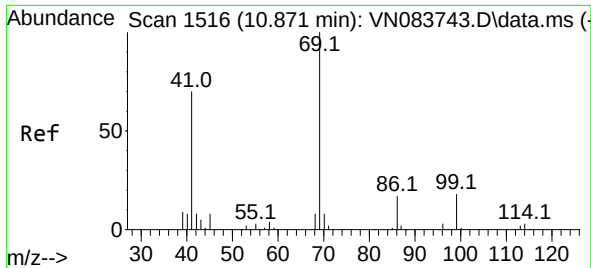
Tgt Ion: 43 Resp: 9992
Ion Ratio Lower Upper
43 100
58 22.7 31.6 47.4#



#54
cis-1,3-Dichloropropene
Concen: 9.688 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion: 75 Resp: 33235
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#
39 31.5 42.6 64.0#

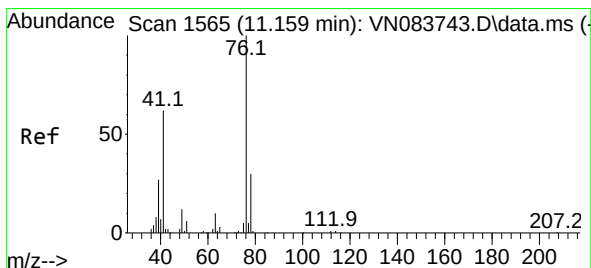
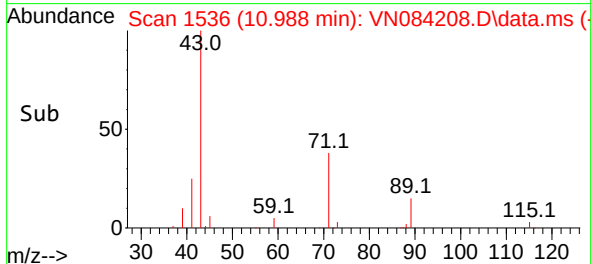
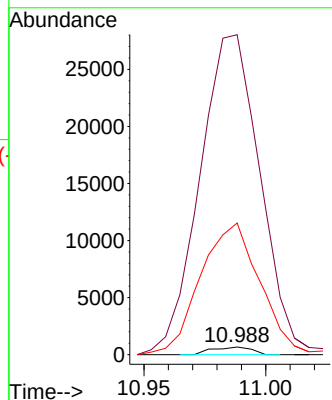
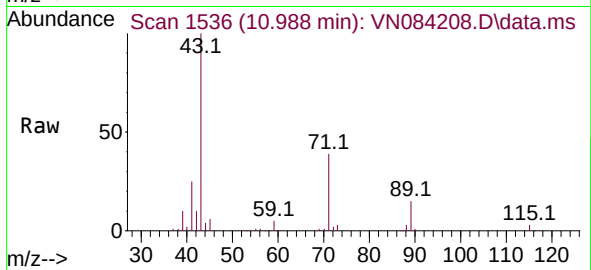




#56
Ethyl methacrylate
Concen: 0.244 ug/l
RT: 10.988 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

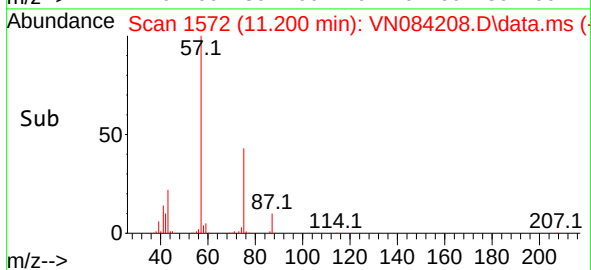
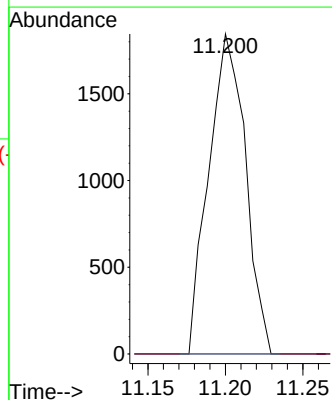
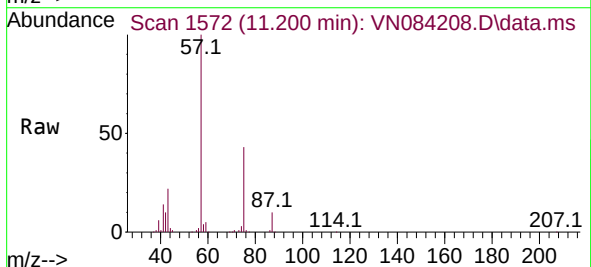
Instrument :
MSVOA_N
ClientSampleId :

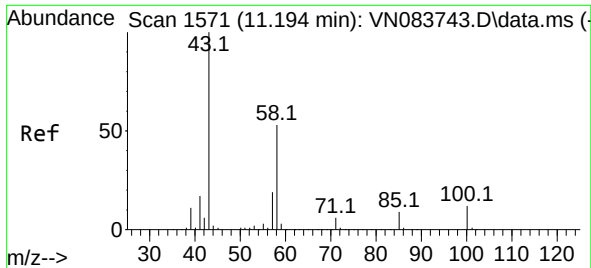
Tgt Ion: 69 Resp: 754
Ion Ratio Lower Upper
69 100
41 6463.8 53.9 80.9#
39 2623.9 32.6 48.8#



#57
1,3-Dichloropropane
Concen: 0.880 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion: 76 Resp: 3037
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

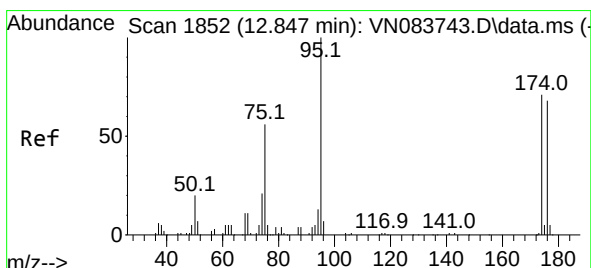
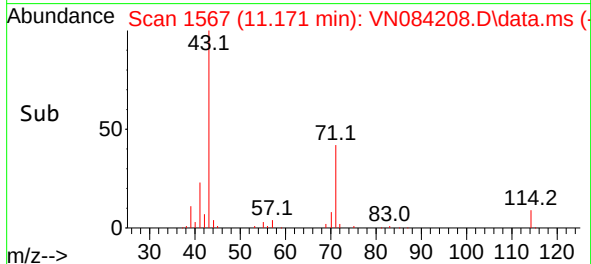
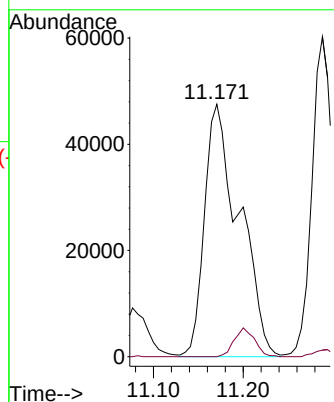
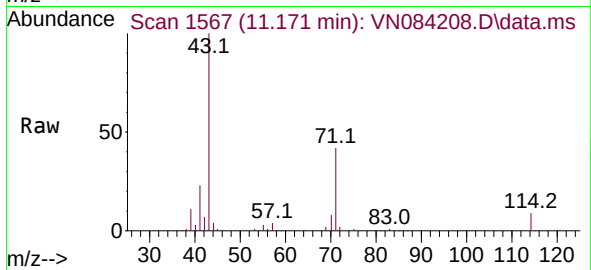




#59
2-Hexanone
Concen: 66.154 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

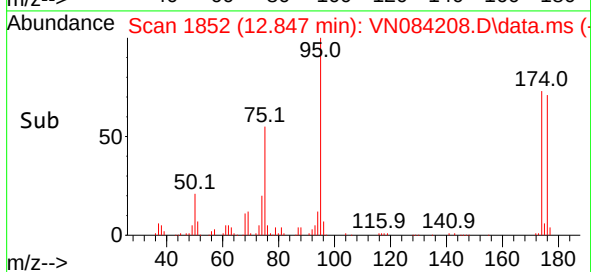
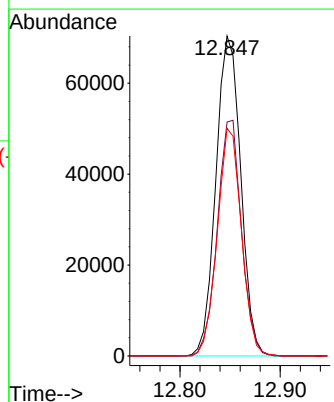
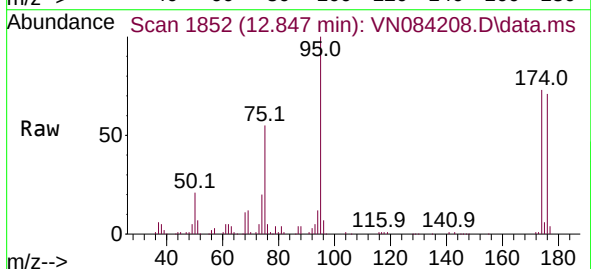
Instrument :
MSVOA_N
ClientSampleId :

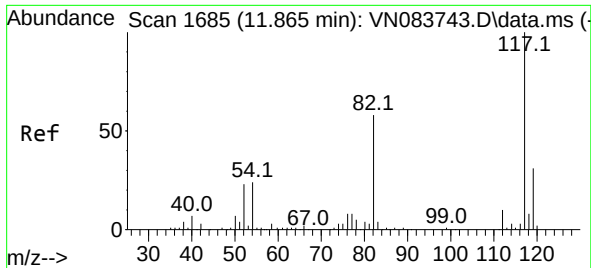
Tgt Ion: 43 Resp: 128020
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 43.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

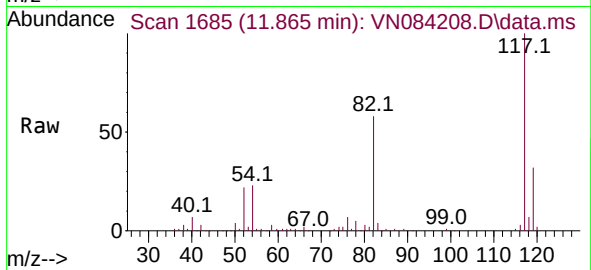
Tgt Ion: 95 Resp: 121117
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 69.0 0.0 131.4



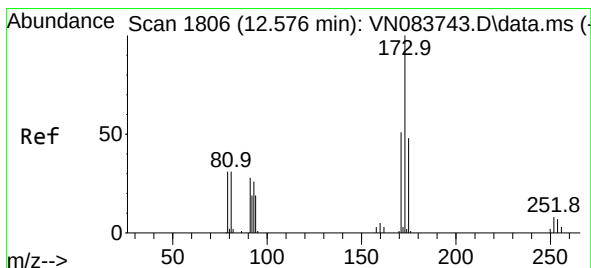
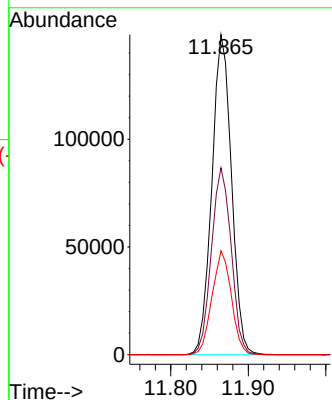
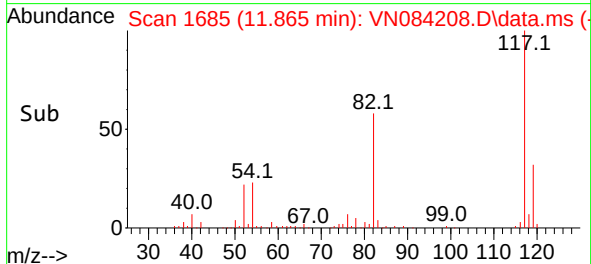


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

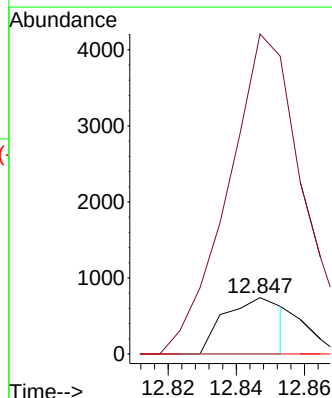
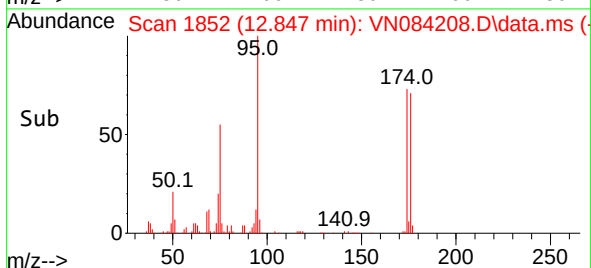
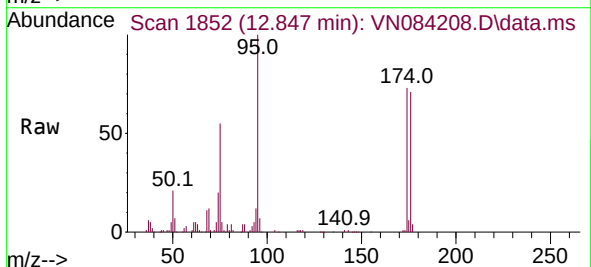


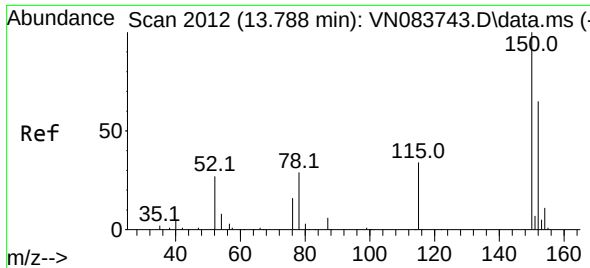
Tgt Ion:117 Resp: 260855
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 32.5 26.3 39.5



#71
Bromoform
Concen: 0.648 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

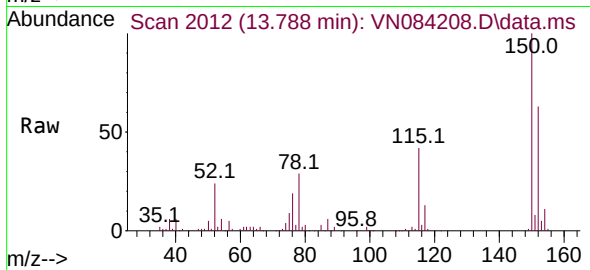
Tgt Ion:173 Resp: 877
Ion Ratio Lower Upper
173 100
175 560.3 24.1 72.2#
254 0.0 0.0 0.0



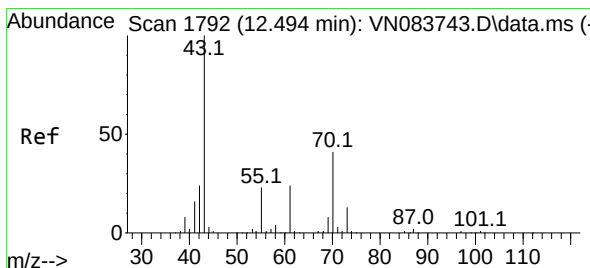
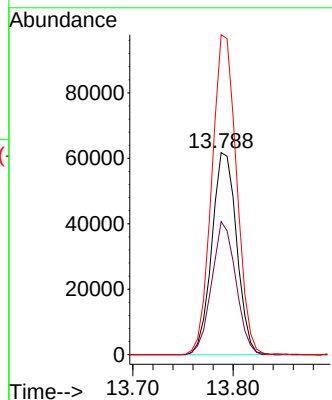
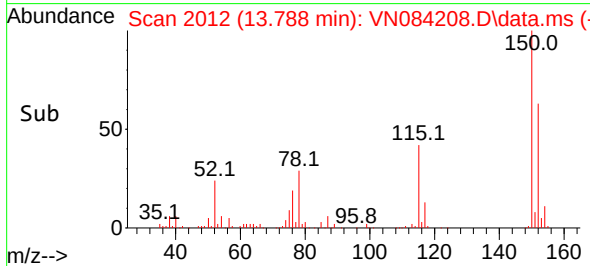


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084208.D
 Acq: 27 Sep 2024 17:06

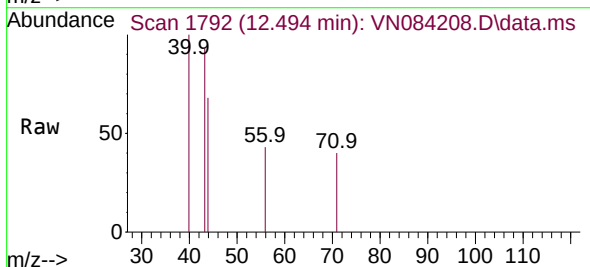
Instrument :
 MSVOA_N
 ClientSampleId :



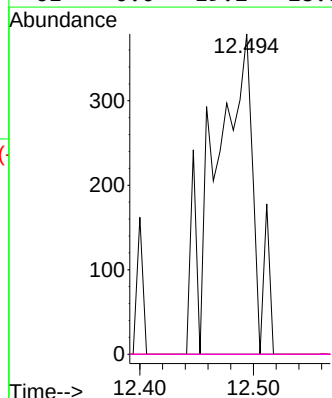
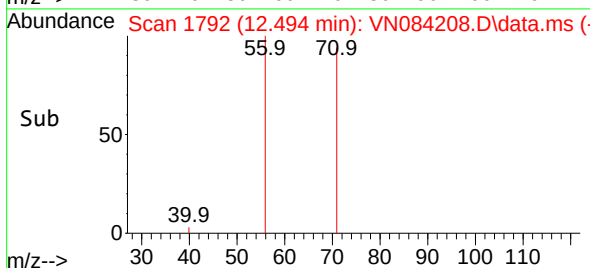
Tgt Ion:152 Resp: 105878
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.2 96.6
 150 158.4 0.0 348.6

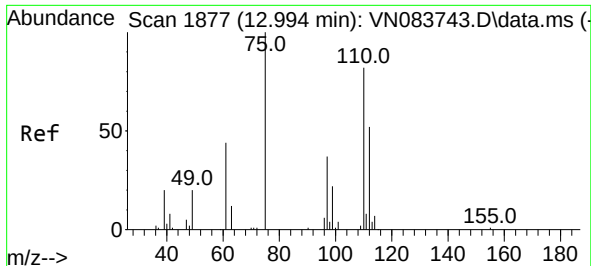


#74
 N-ethyl acetate
 Concen: 0.263 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VN084208.D
 Acq: 27 Sep 2024 17:06



Tgt Ion: 43 Resp: 918
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.5 51.7#
 55 0.0 18.6 28.0#
 61 0.0 19.2 28.8#

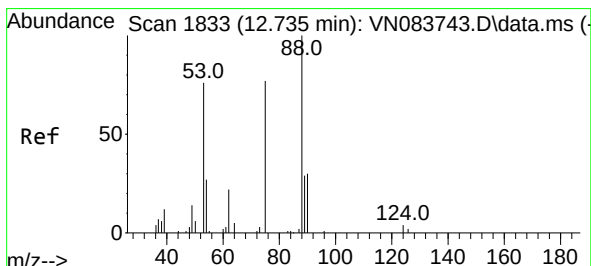
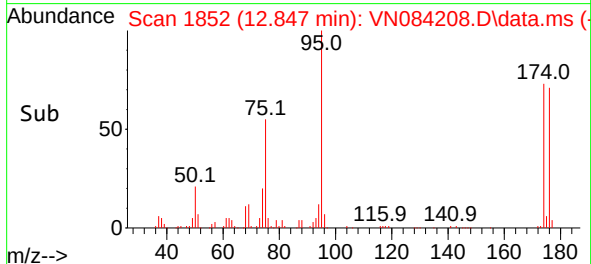
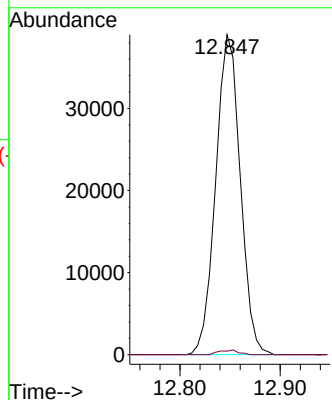
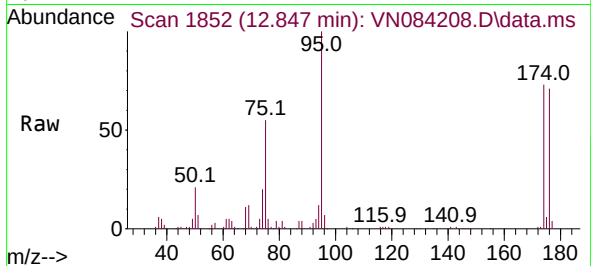




#76
1,2,3-Trichloropropane
Concen: 31.045 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

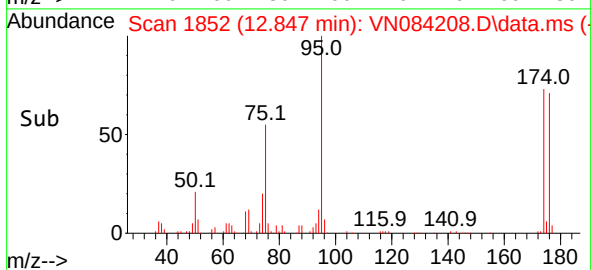
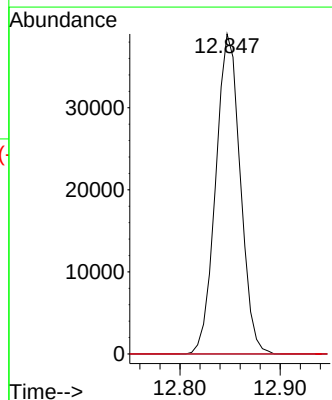
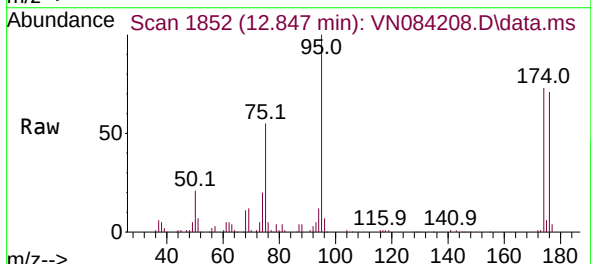
Instrument :
MSVOA_N
ClientSampleId :

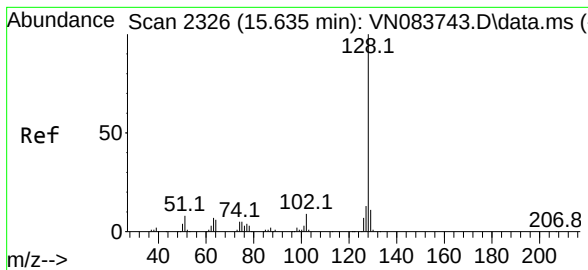
Tgt Ion: 75 Resp: 66325
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.309 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

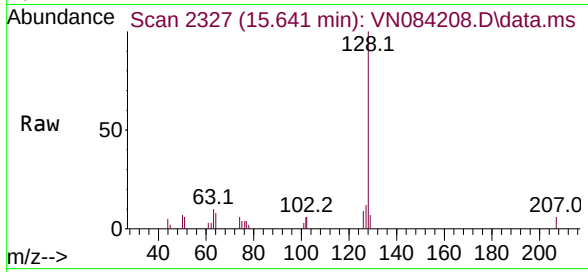
Tgt Ion: 75 Resp: 66325
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.383 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	13969
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.1	8.7	13.1

