

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085171.D
 Acq On : 10 Dec 2024 17:17
 Operator : JC\MD
 Sample : P5240-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 11 04:18:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

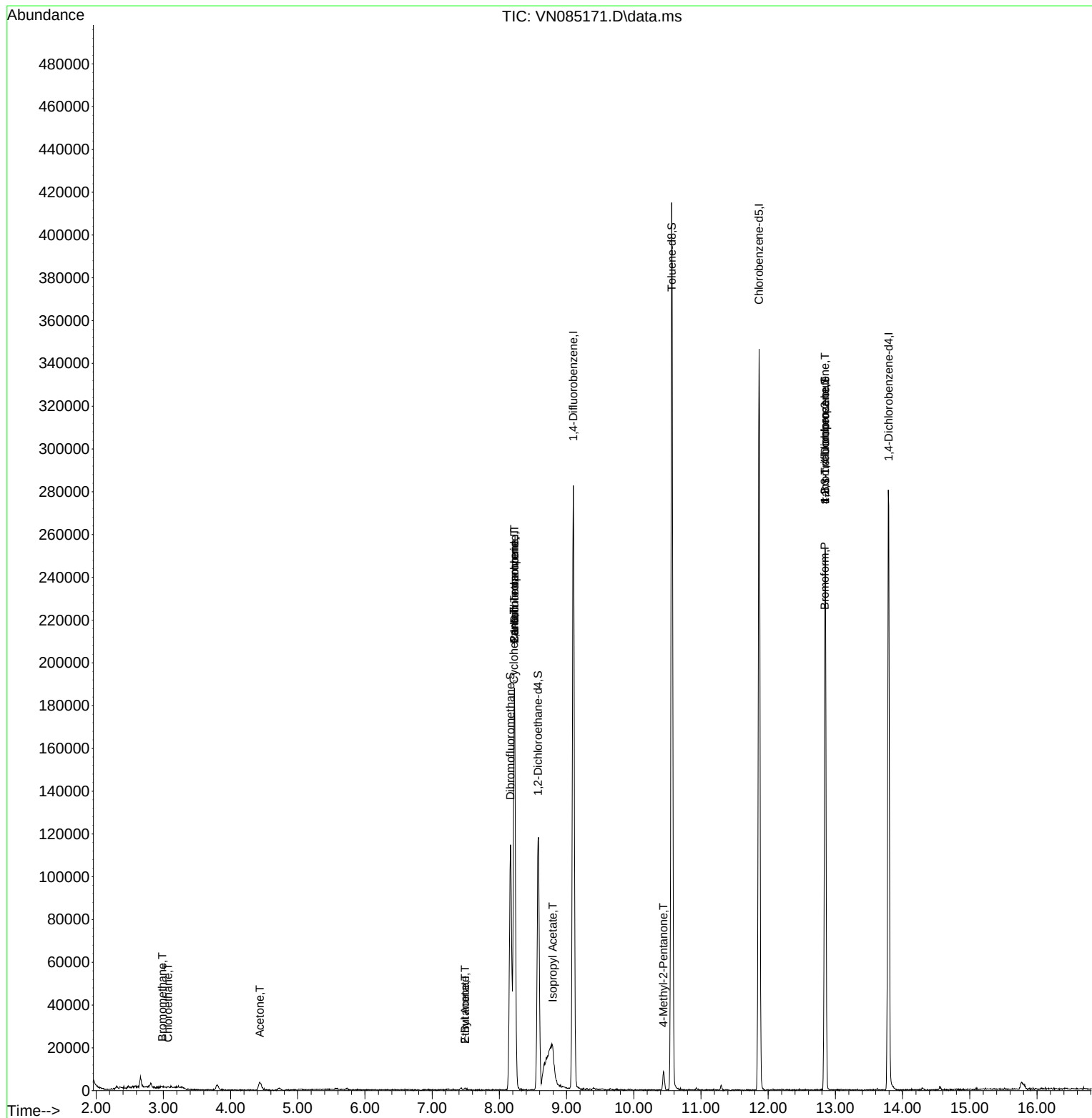
Internal Standards						
1) Pentafluorobenzene	8.224	168	130450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101172	54.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.900%	
35) Dibromofluoromethane	8.165	113	82748	51.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	10.565	98	279990	48.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	12.847	95	89967	41.532	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 83.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	347	0.403	ug/l #	1
6) Chloroethane	3.071	64	231	0.223	ug/l #	44
16) Acetone	4.436	43	7826	14.461	ug/l	99
18) Methyl Acetate	5.041	43	948	Below Cal	#	50
25) 2-Butanone	7.488	43	1444	1.632	ug/l	94
31) Cyclohexane	8.218	56	2759	1.115	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11071	5.057	ug/l #	48
37) Ethyl Acetate	7.488	43	1444	0.726	ug/l #	67
38) Carbon Tetrachloride	8.224	117	14494	5.735	ug/l #	16
43) Isopropyl Acetate	8.794	43	62194	15.044	ug/l #	55
51) 4-Methyl-2-Pentanone	10.441	43	6327	3.351	ug/l	89
71) Bromoform	12.841	173	376	0.321	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	47188	34.552	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47188	76.276	ug/l #	10

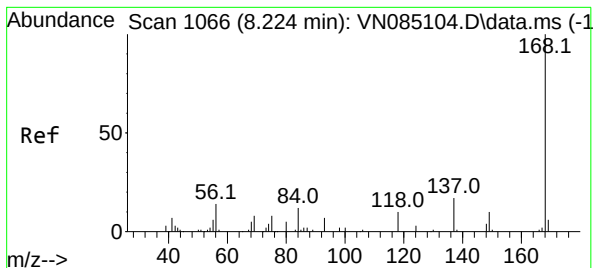
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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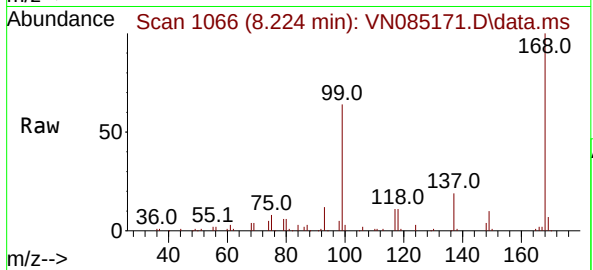
Quant Time: Dec 11 04:18:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



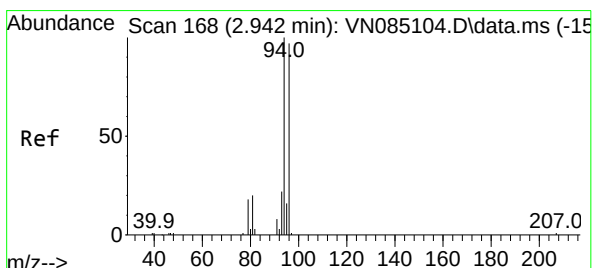
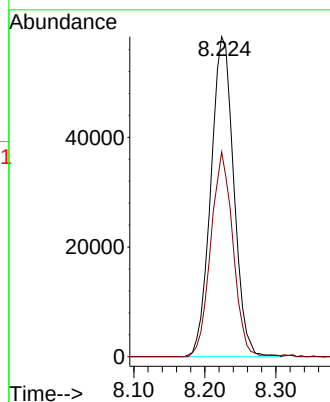
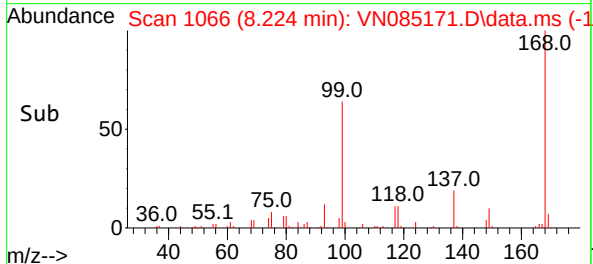


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :

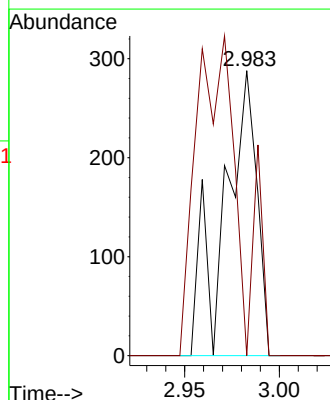
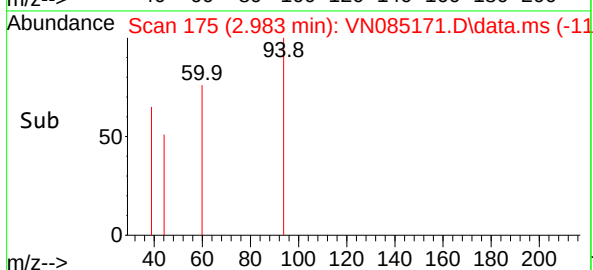
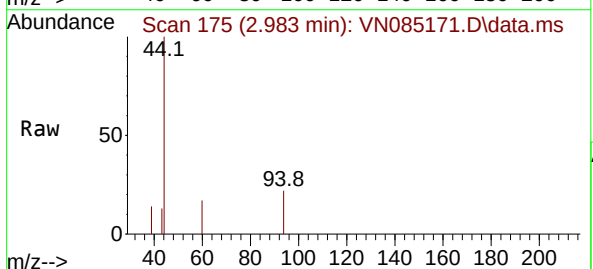


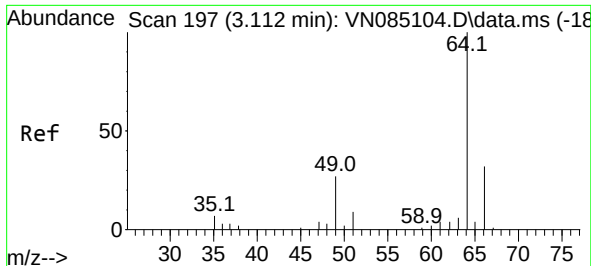
Tgt Ion:168 Resp: 130450
Ion Ratio Lower Upper
168 100
99 64.0 51.2 76.8



#5
Bromomethane
Concen: 0.403 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.082 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 0.0 78.7 118.1#

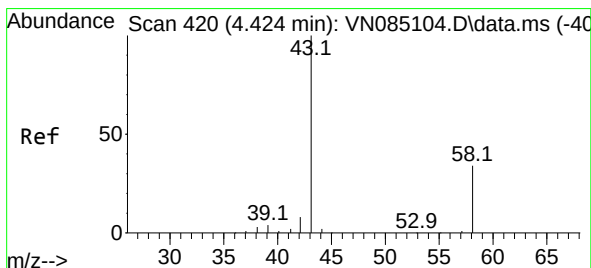
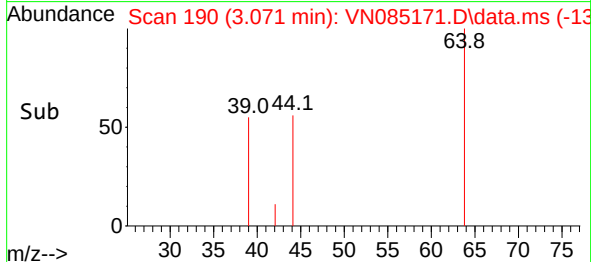
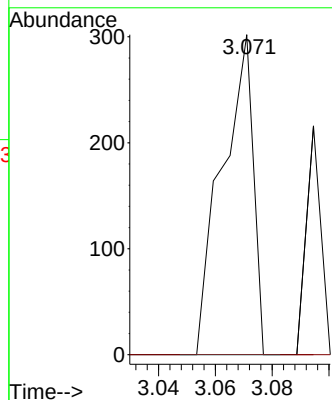
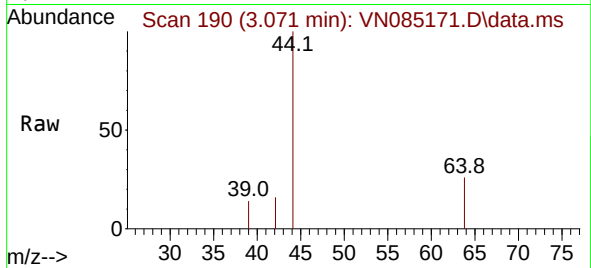




#6
Chloroethane
Concen: 0.223 ug/l
RT: 3.071 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

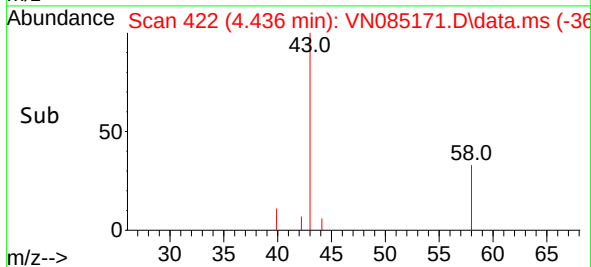
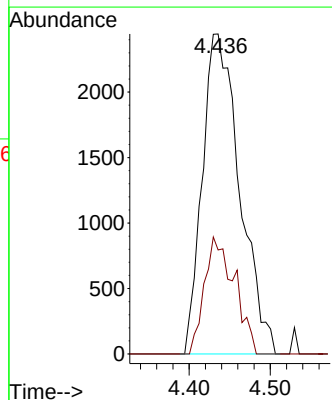
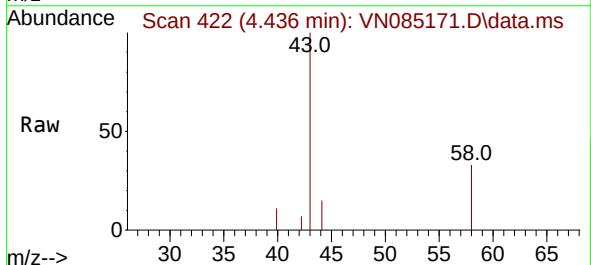
Instrument :
MSVOA_N
ClientSampleId :

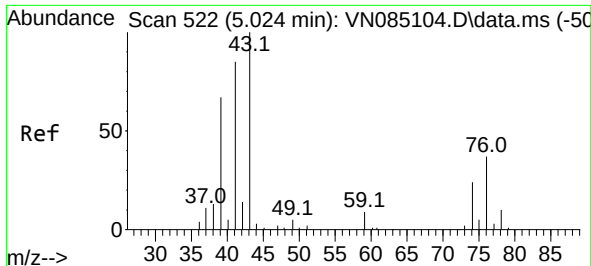
Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#16
Acetone
Concen: 14.461 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

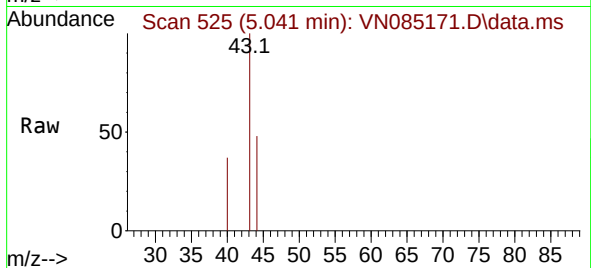
Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
58 32.5 25.4 38.2



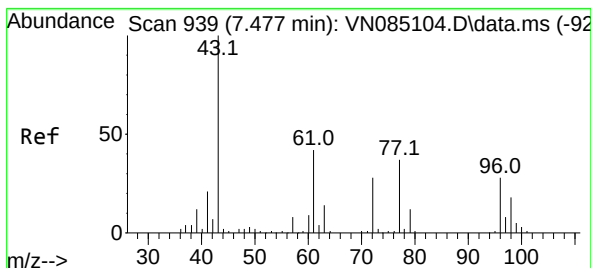
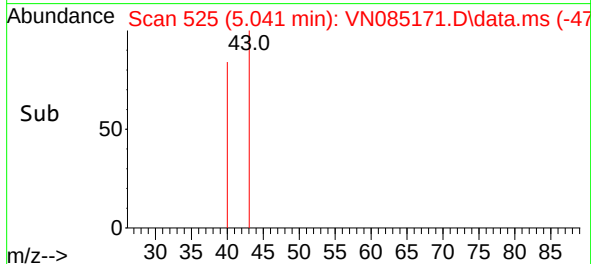
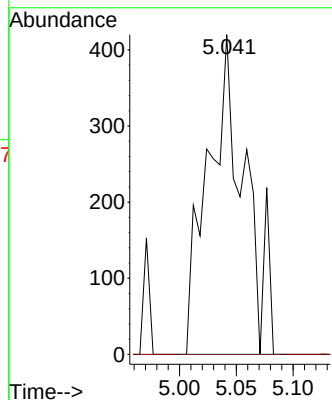


#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :

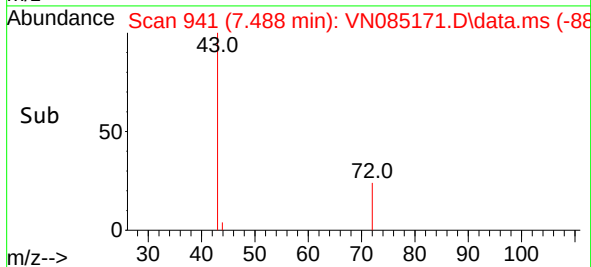
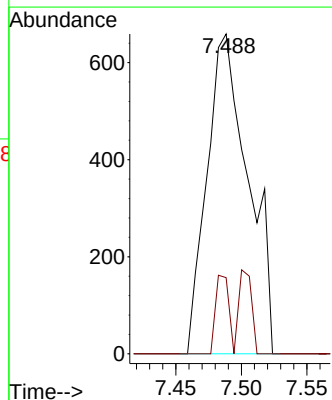
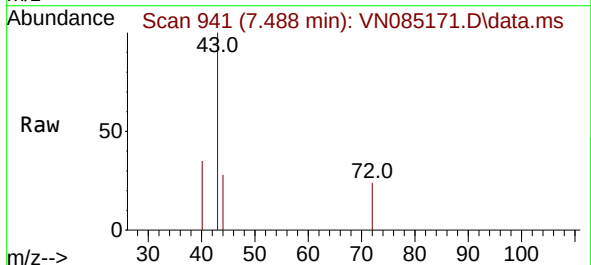


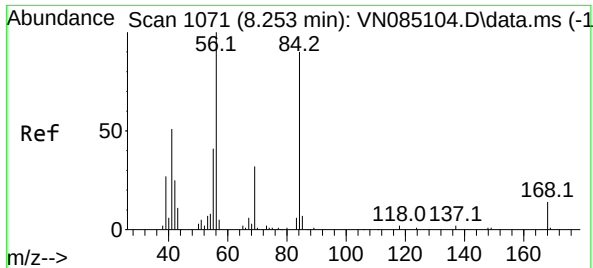
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#25
2-Butanone
Concen: 1.632 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

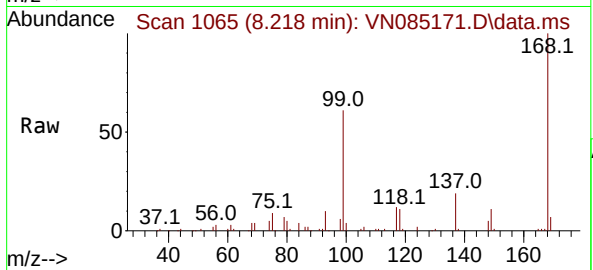
Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
72 23.8 21.4 32.0



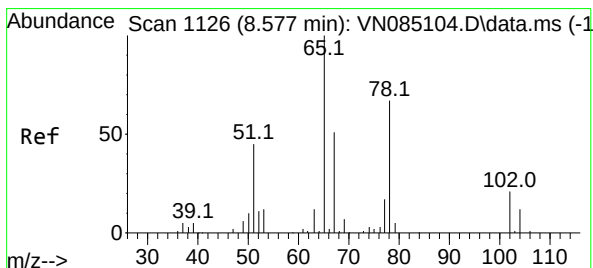
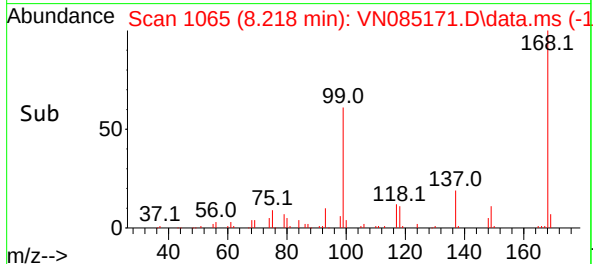
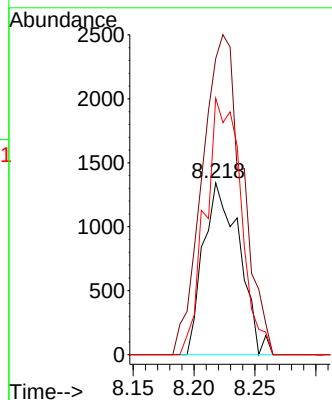


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :

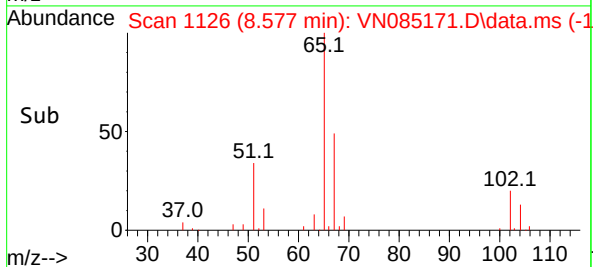
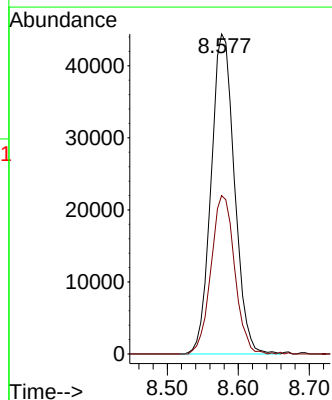
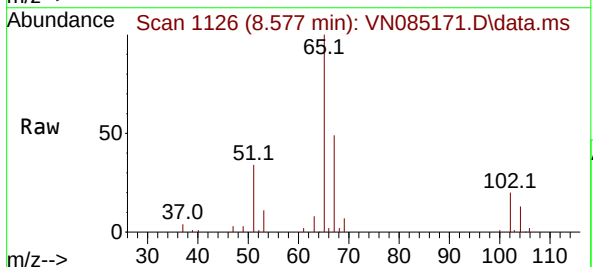


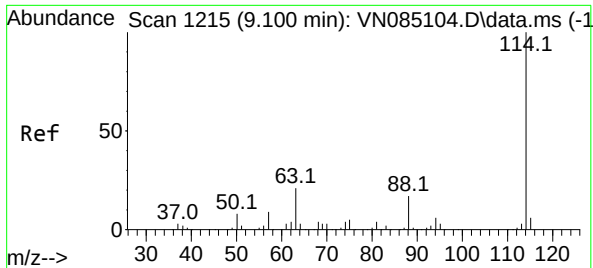
Tgt Ion: 56 Resp: 2759
Ion Ratio Lower Upper
56 100
69 172.4 24.6 36.8#
84 149.2 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 54.447 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion: 65 Resp: 101172
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0

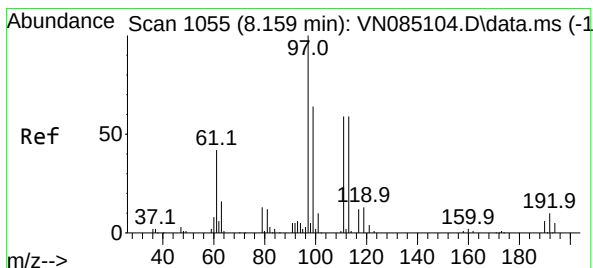
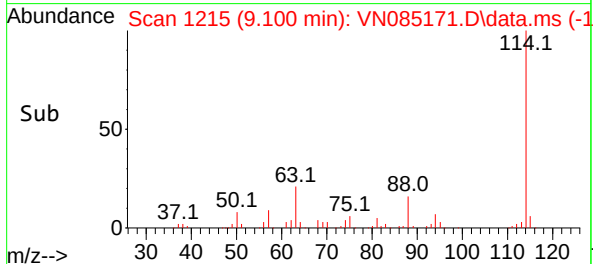
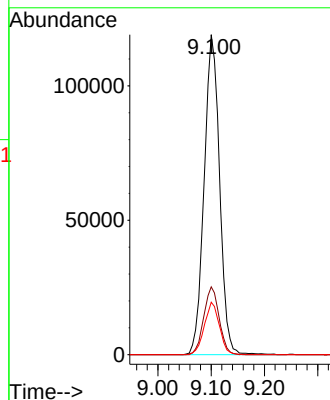
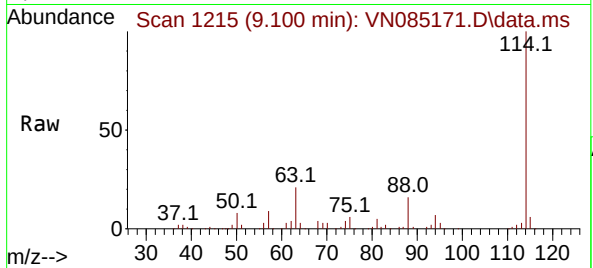




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

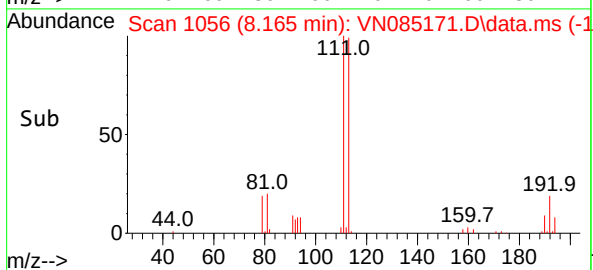
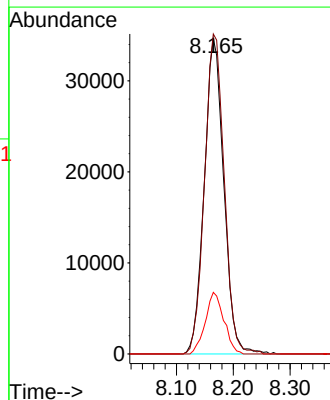
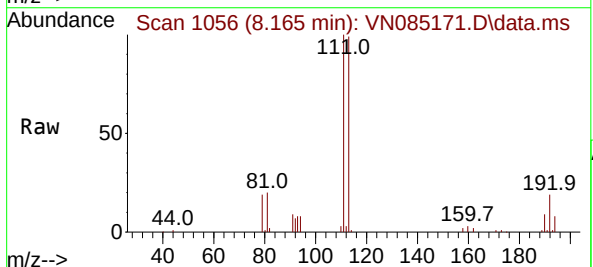
Instrument :
MSVOA_N
ClientSampleId :

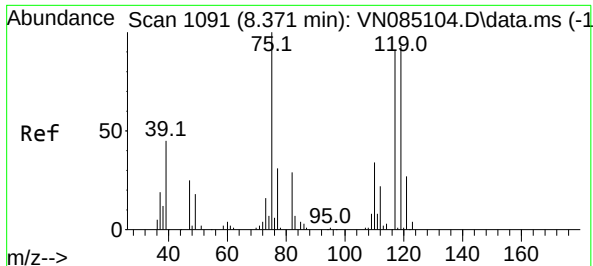
Tgt Ion:114 Resp: 239679
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.0
88 16.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.196 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion:113 Resp: 82748
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.057 ug/l

RT: 8.224 min Scan# 11071

Delta R.T. -0.141 min

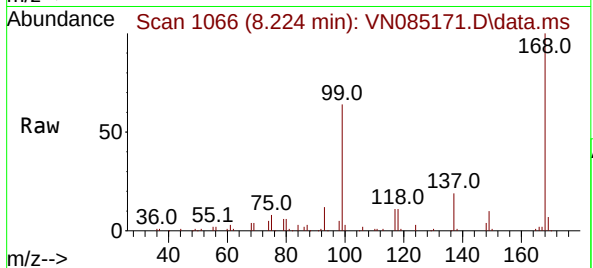
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Acq: 10 Dec 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :



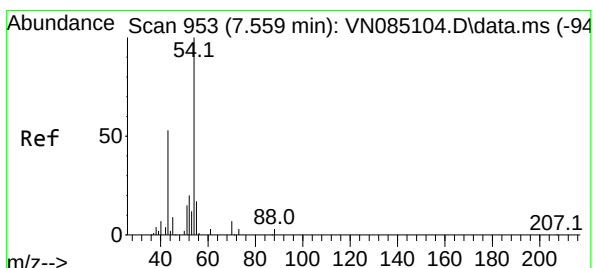
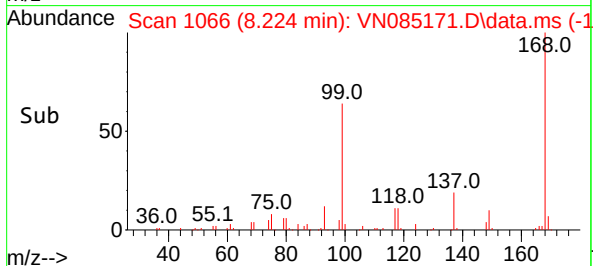
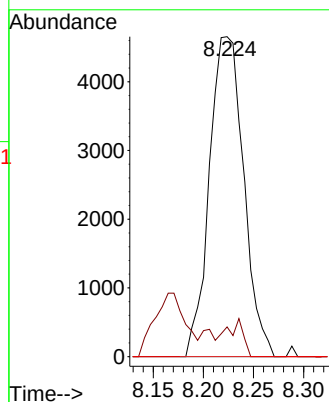
Tgt Ion: 75 Resp: 11071

Ion Ratio Lower Upper

75 100

110 6.0 17.2 51.6#

77 0.0 24.2 36.4#



#37

Ethyl Acetate

Concen: 0.726 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.065 min

Lab File: VN085171.D

Acq: 10 Dec 2024 17:17

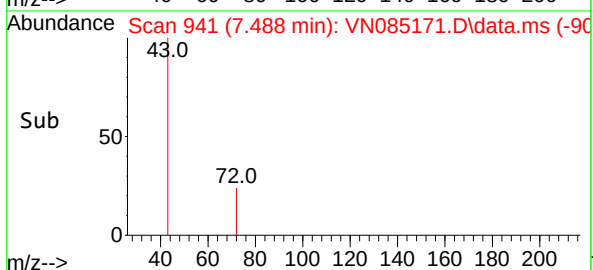
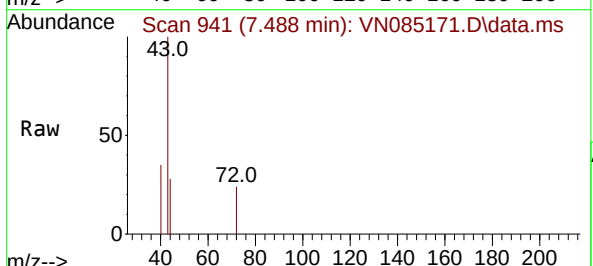
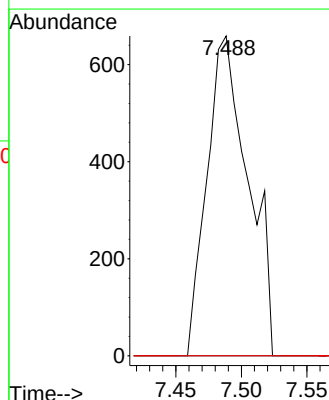
Tgt Ion: 43 Resp: 1444

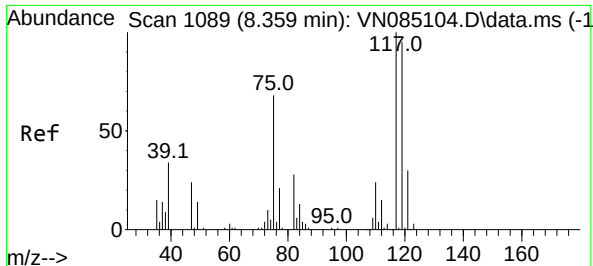
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

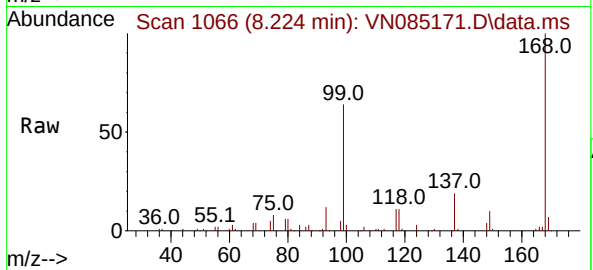
70 0.0 9.3 13.9#



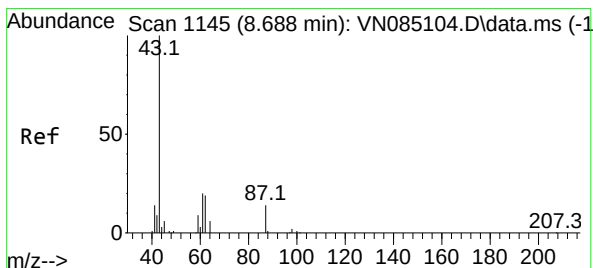
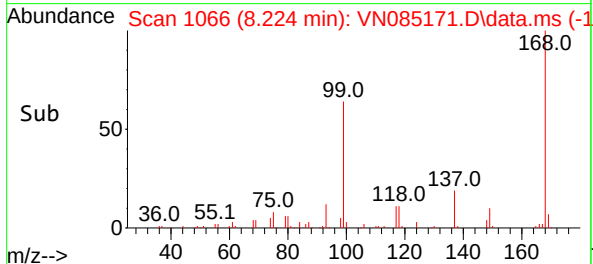
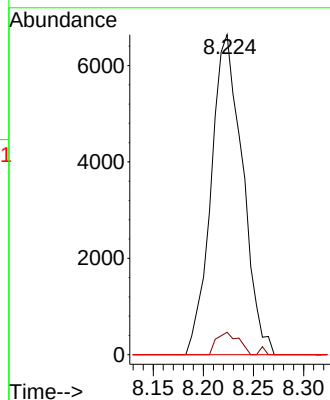


#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 8.224 min Scan# 1163
Delta R.T. -0.130 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Instrument :
MSVOA_N
ClientSampleId :

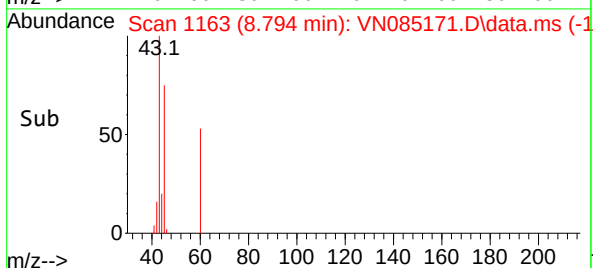
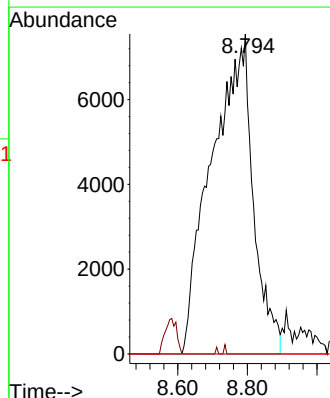
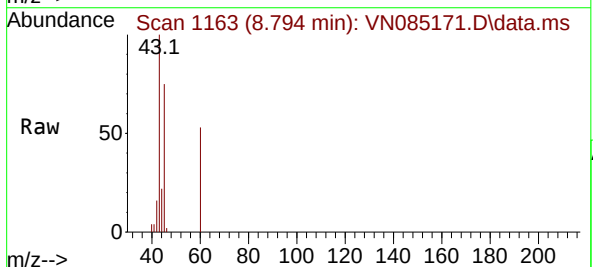


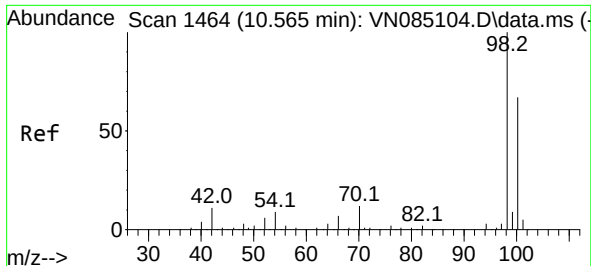
Tgt Ion:117 Resp: 14494
Ion Ratio Lower Upper
117 100
119 7.0 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 15.044 ug/l
RT: 8.794 min Scan# 1163
Delta R.T. 0.112 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion: 43 Resp: 62194
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

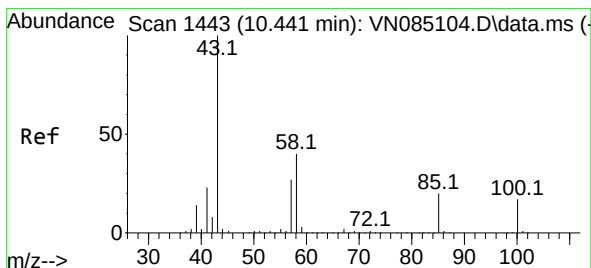
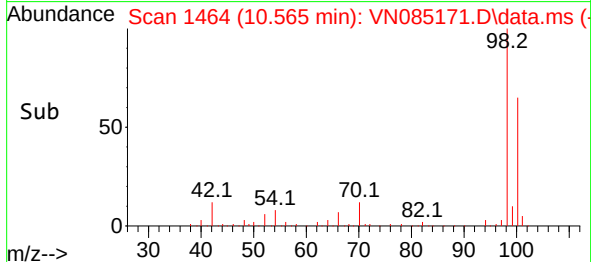
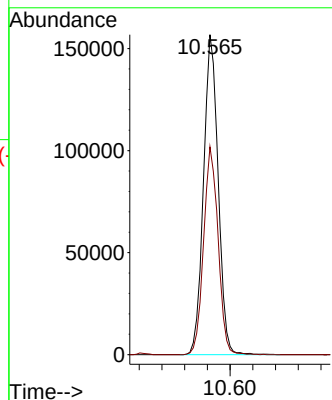
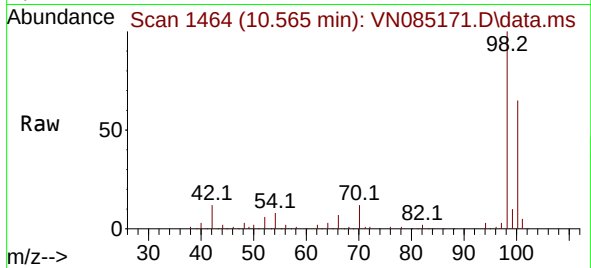




#50
Toluene-d8
Concen: 48.337 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

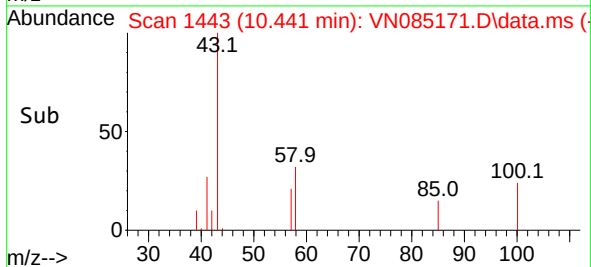
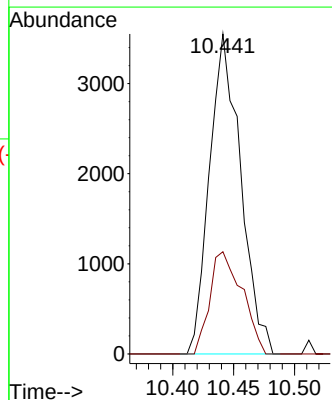
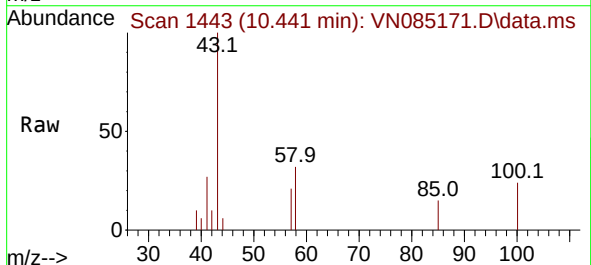
Instrument :
MSVOA_N
ClientSampleId :

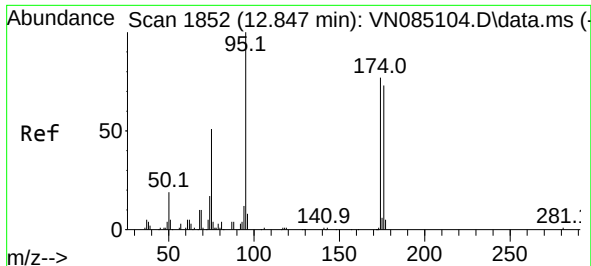
Tgt Ion: 98 Resp: 279990
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 3.351 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion: 43 Resp: 6327
Ion Ratio Lower Upper
43 100
58 33.0 32.1 48.1

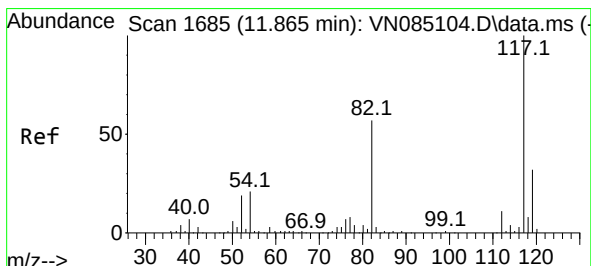
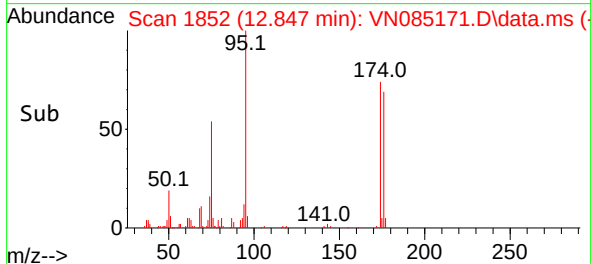
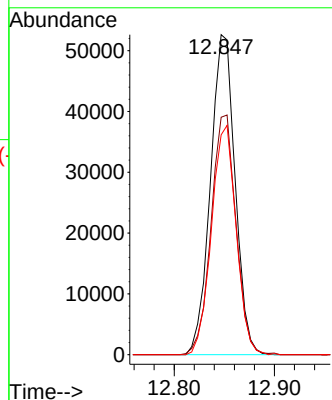
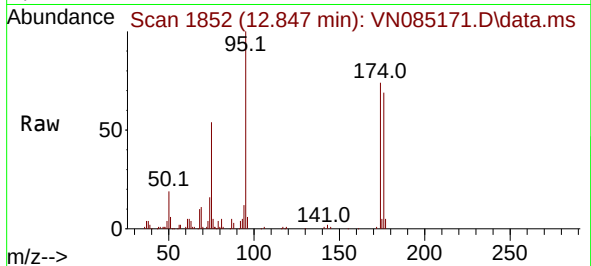




#62
4-Bromofluorobenzene
Concen: 41.532 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

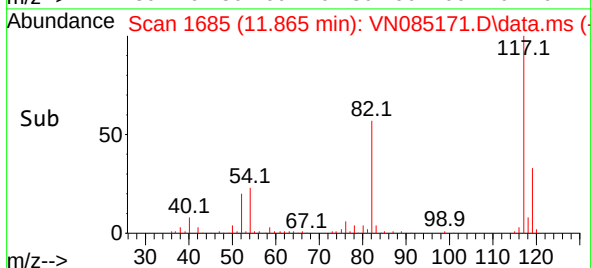
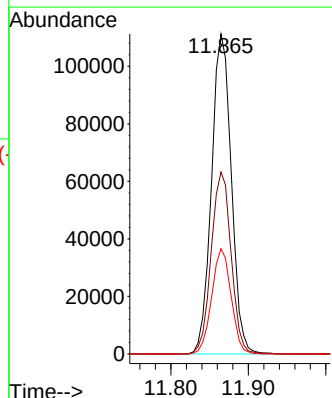
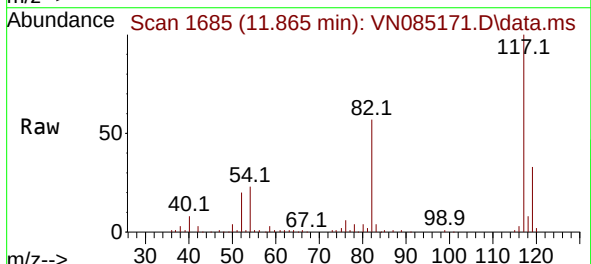
Instrument :
MSVOA_N
ClientSampleId :

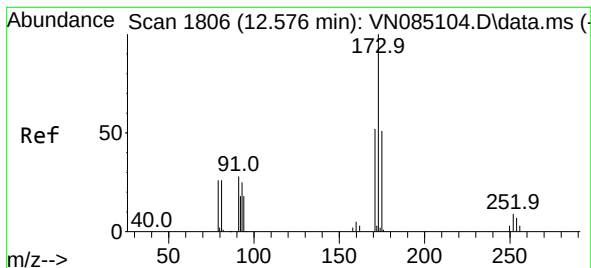
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	146.6
176	71.6	0.0	141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085171.D
Acq: 10 Dec 2024 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	32.9	25.6	38.4





#71

Bromoform

Concen: 0.321 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.264 min

Lab File: VN085171.D

Acq: 10 Dec 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

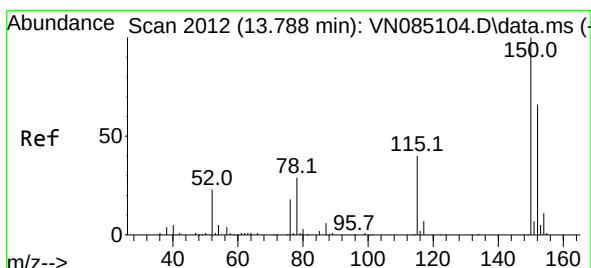
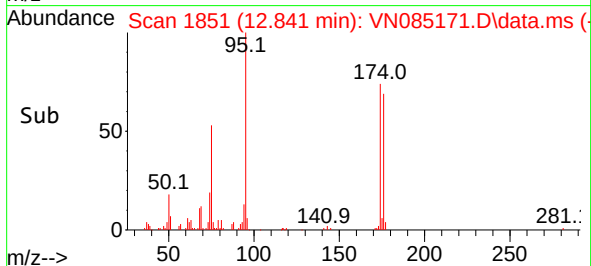
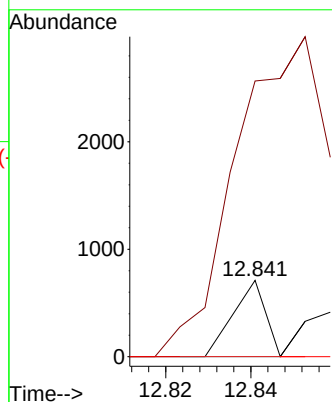
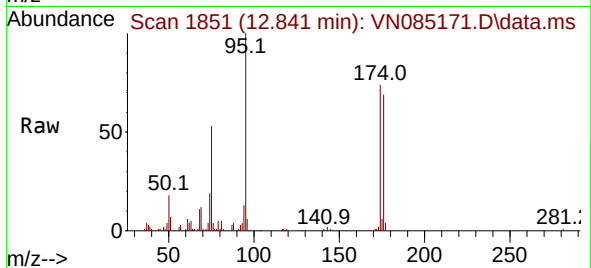
Tgt Ion:173 Resp: 376

Ion Ratio Lower Upper

173 100

175 0.0 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# 2013

Delta R.T. 0.006 min

Lab File: VN085171.D

Acq: 10 Dec 2024 17:17

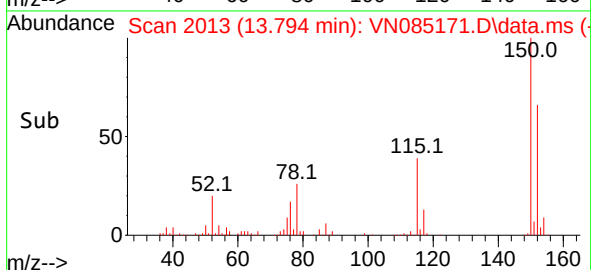
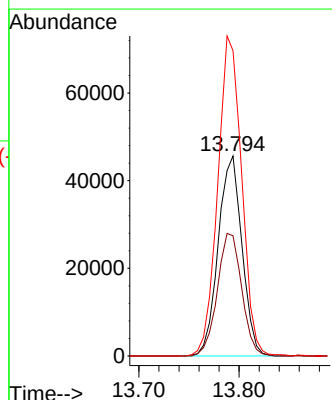
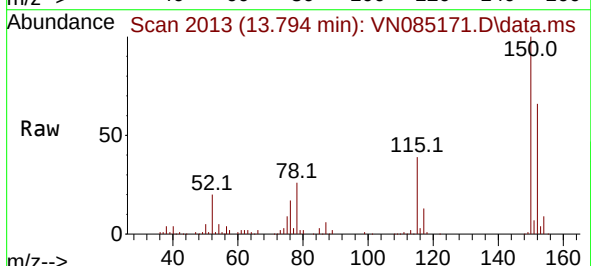
Tgt Ion:152 Resp: 75083

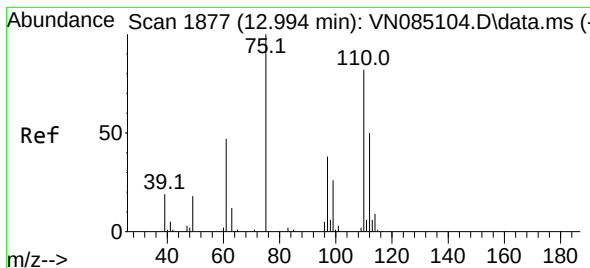
Ion Ratio Lower Upper

152 100

115 62.7 31.7 95.1

150 161.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 34.552 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085171.D

Acq: 10 Dec 2024 17:17

Instrument :

MSVOA_N

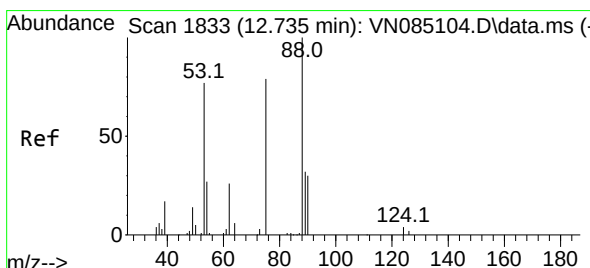
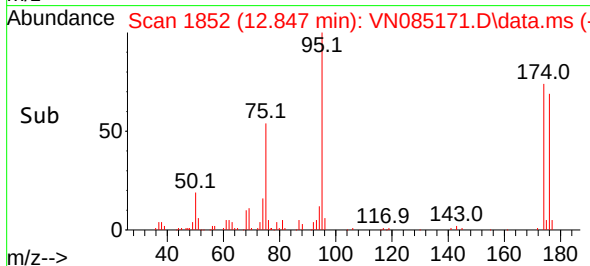
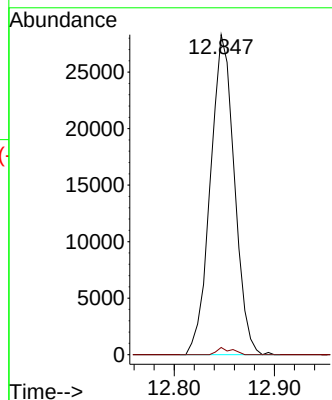
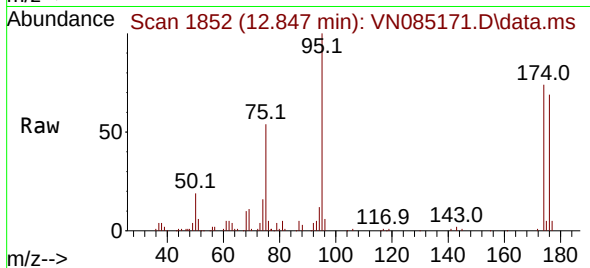
ClientSampleId :

Tgt Ion: 75 Resp: 47188

Ion Ratio Lower Upper

75 100

77 1.4 109.1 327.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.276 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085171.D

Acq: 10 Dec 2024 17:17

Tgt Ion: 75 Resp: 47188

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 37.9 56.9#

