

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083490.D
 Acq On : 26 Aug 2024 18:34
 Operator : JC\MD
 Sample : P3633-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 02:01:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

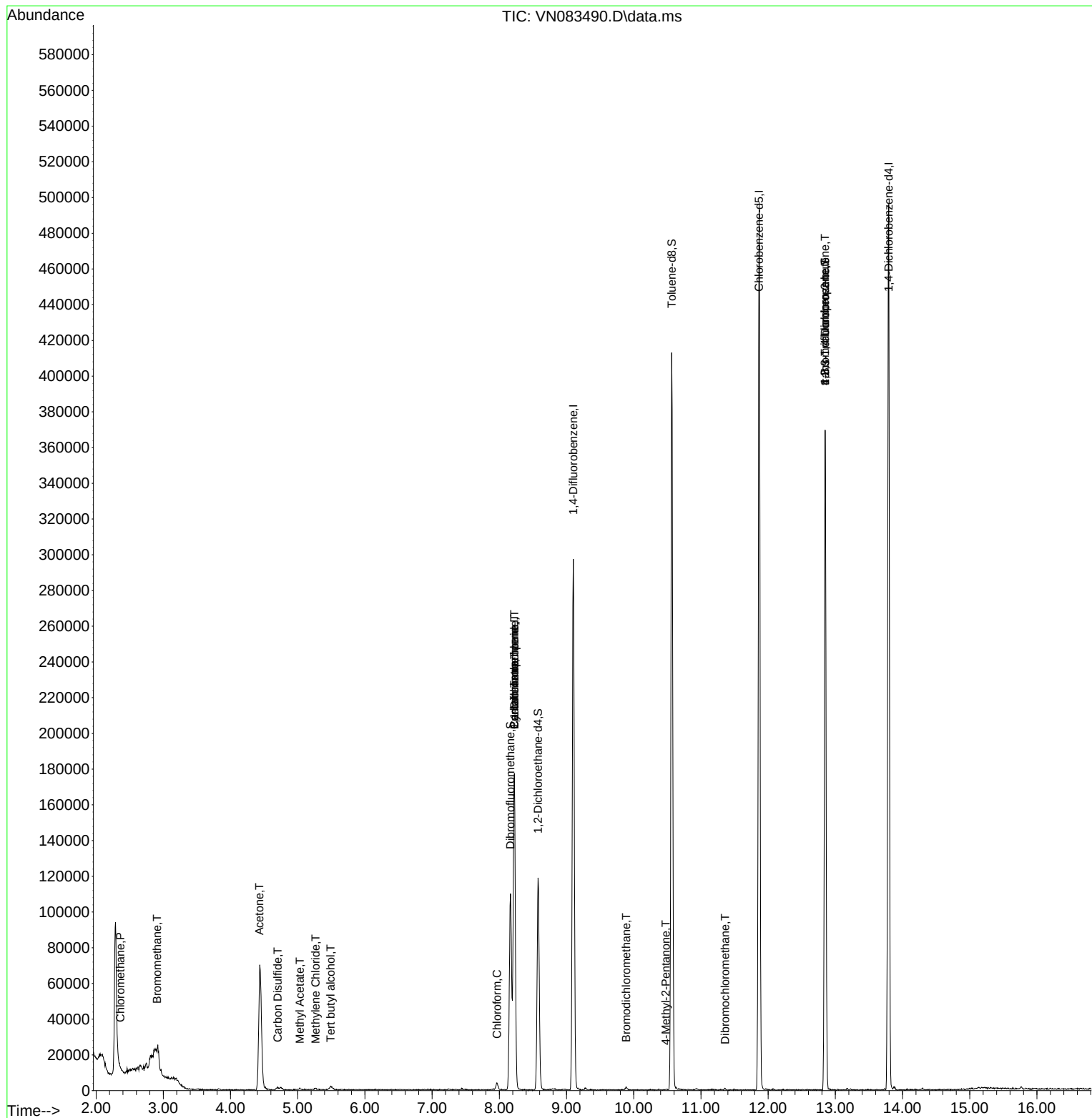
Internal Standards						
1) Pentafluorobenzene	8.224	168	120600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100254	58.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.800%
35) Dibromofluoromethane	8.165	113	78968	50.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	10.565	98	279055	48.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.847	95	128045	56.834	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	967	0.691	ug/l #	59
5) Bromomethane	2.907	94	253	0.285	ug/l	84
11) Tert butyl alcohol	5.489	59	1107	3.103	ug/l #	71
16) Acetone	4.430	43	10943	16.291	ug/l	96
17) Carbon Disulfide	4.701	76	2963	0.757	ug/l #	86
18) Methyl Acetate	5.030	43	1024	0.512	ug/l #	67
20) Methylene Chloride	5.265	84	535	0.346	ug/l #	46
30) Chloroform	7.965	83	4022	1.496	ug/l	94
31) Cyclohexane	8.224	56	3428	1.348	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	11031	4.707	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14078	5.333	ug/l #	16
43) Isopropyl Acetate	8.741	43	198	Below Cal	#	60
47) Bromodichloromethane	9.888	83	1396	0.524	ug/l #	90
51) 4-Methyl-2-Pentanone	10.477	43	520	0.210	ug/l #	39
60) Dibromochloromethane	11.359	129	671	0.351	ug/l	91
76) 1,2,3-Trichloropropane	12.847	75	72011	25.308	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72011	55.051	ug/l #	6

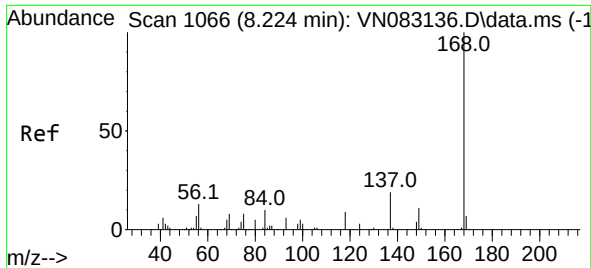
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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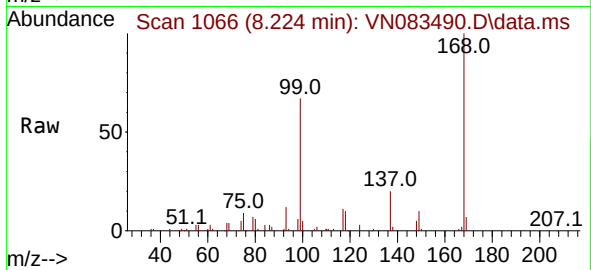
Quant Time: Aug 27 02:01:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



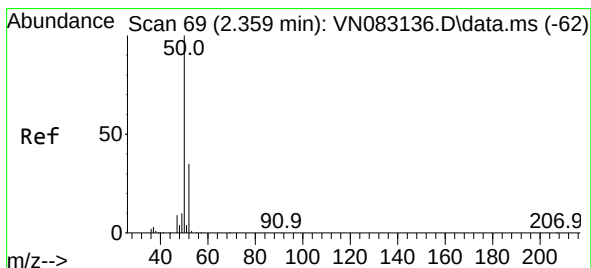
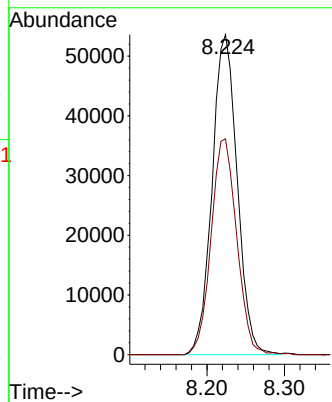
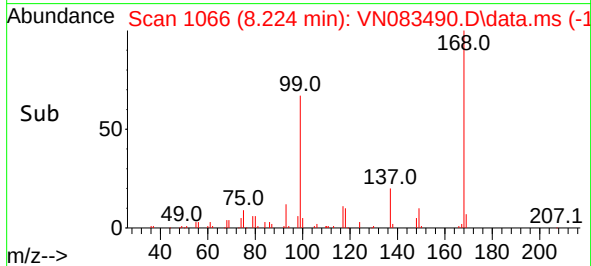


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :

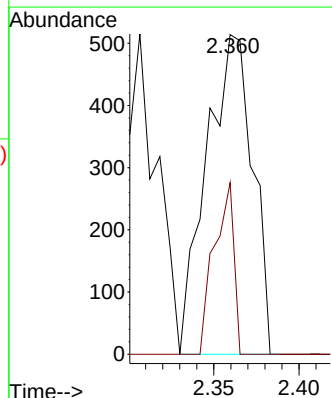
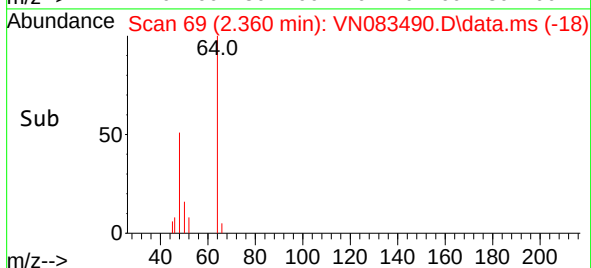
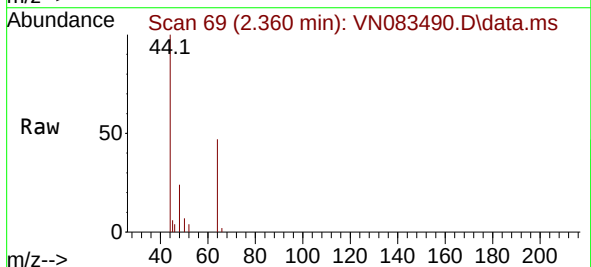


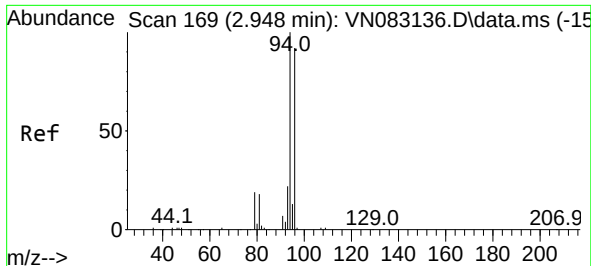
Tgt Ion:168 Resp: 120600
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#3
Chloromethane
Concen: 0.691 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Tgt Ion: 50 Resp: 967
Ion Ratio Lower Upper
50 100
52 53.7 25.0 37.4#

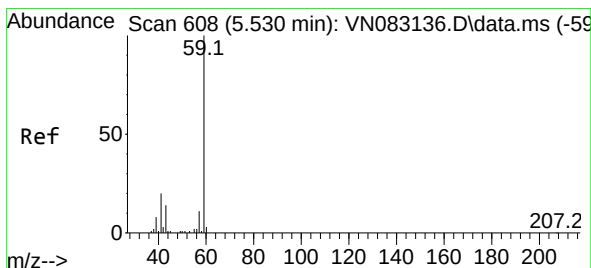
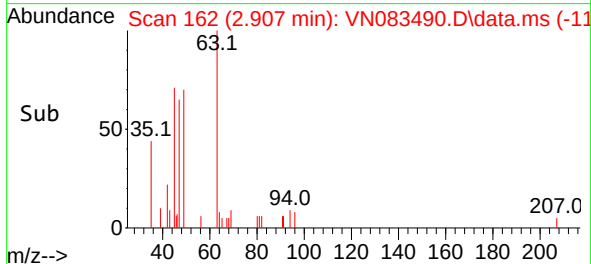
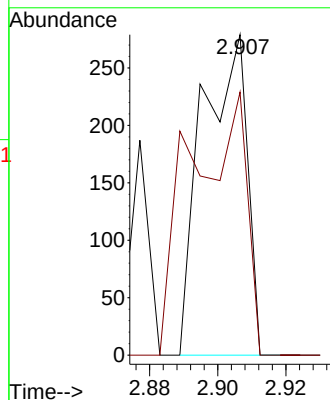
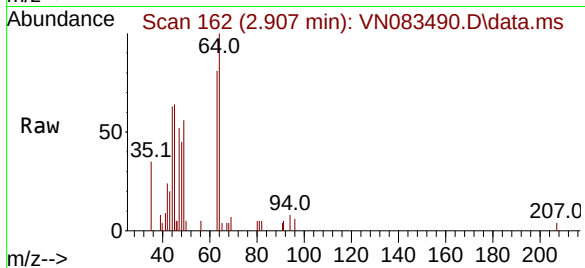




#5
Bromomethane
Concen: 0.285 ug/l
RT: 2.907 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

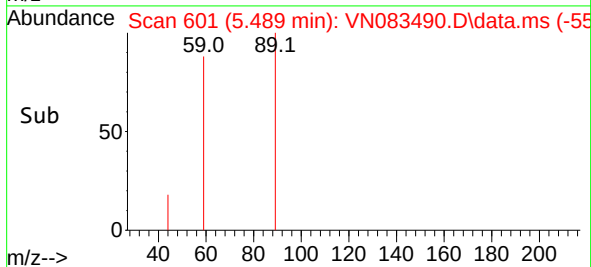
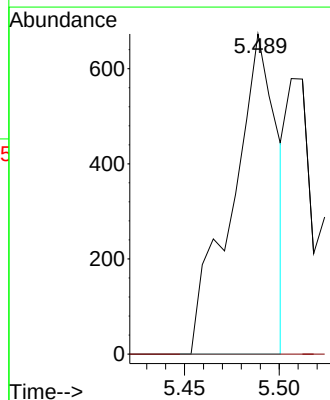
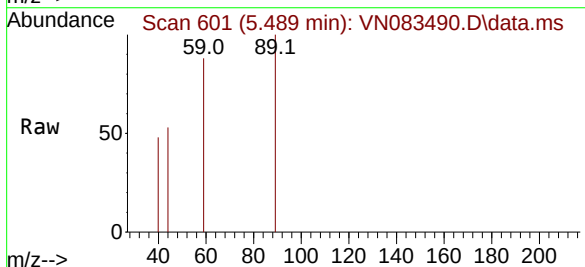
Instrument :
MSVOA_N
ClientSampleId :

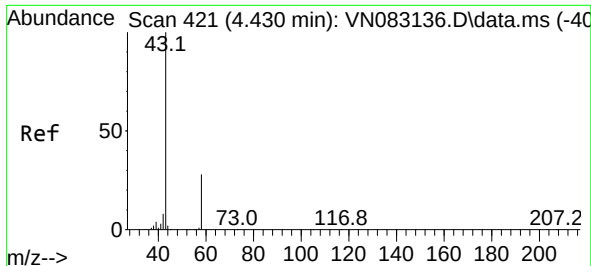
Tgt Ion: 94 Resp: 253
Ion Ratio Lower Upper
94 100
96 82.1 78.0 117.0



#11
Tert butyl alcohol
Concen: 3.103 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

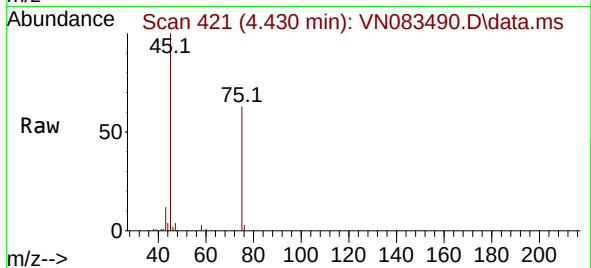
Tgt Ion: 59 Resp: 1107
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



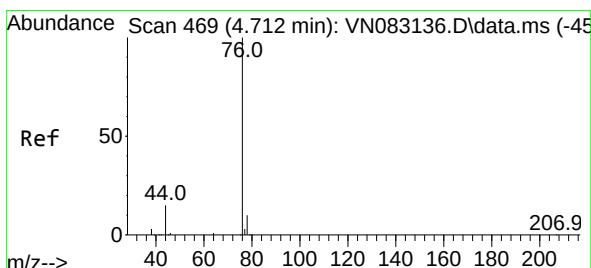
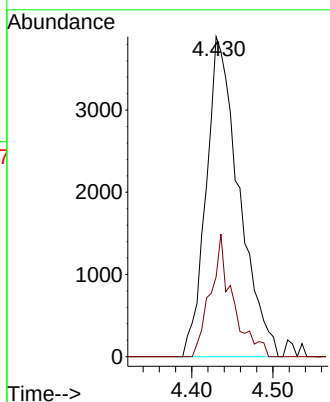
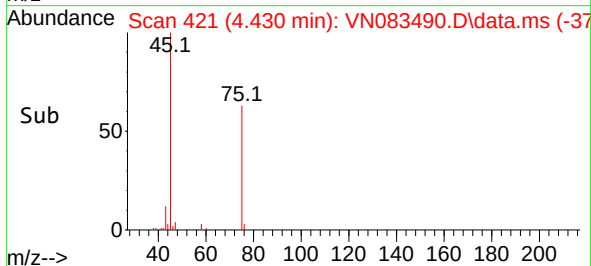


#16
Acetone
Concen: 16.291 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :

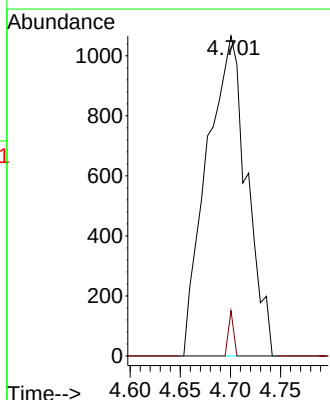
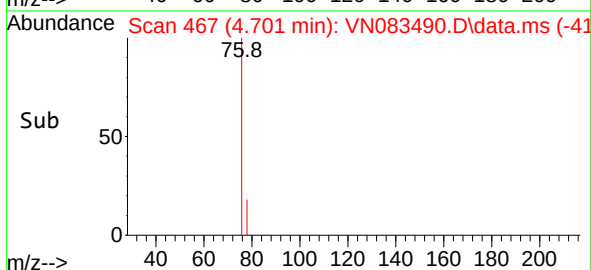
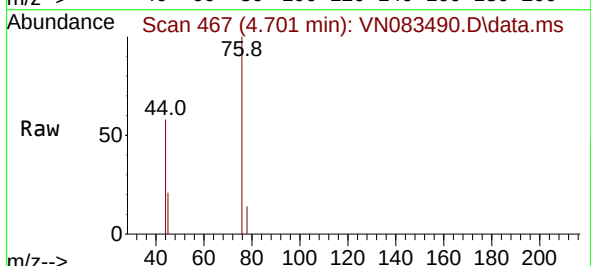


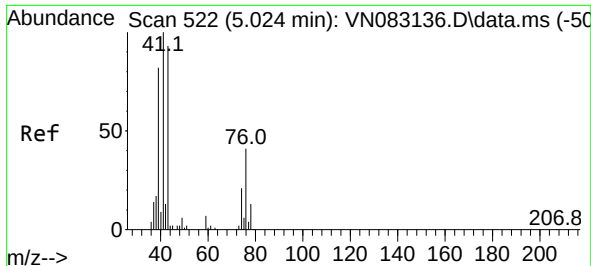
Tgt Ion: 43 Resp: 10943
Ion Ratio Lower Upper
43 100
58 25.0 21.8 32.6



#17
Carbon Disulfide
Concen: 0.757 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Tgt Ion: 76 Resp: 2963
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#

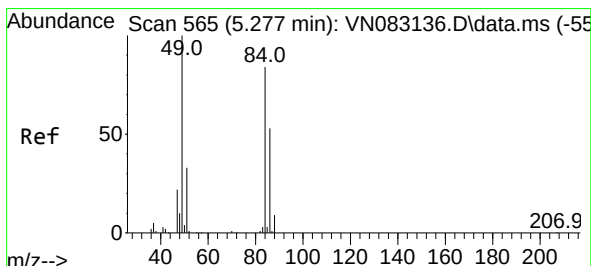
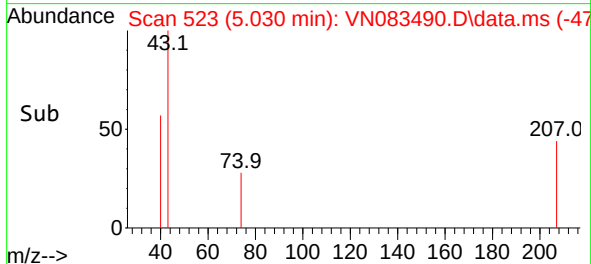
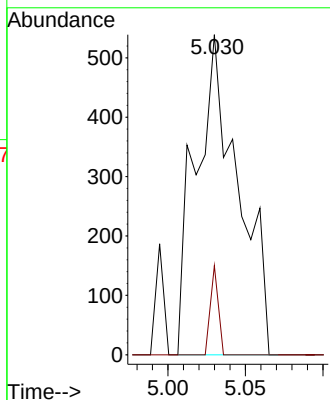
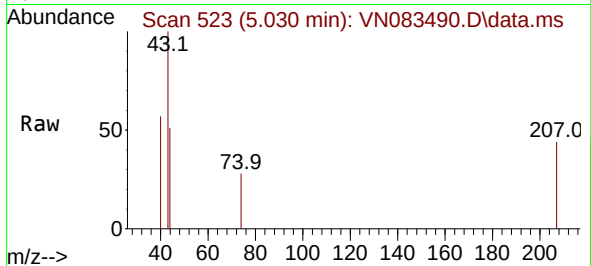




#18
Methyl Acetate
Concen: 0.512 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

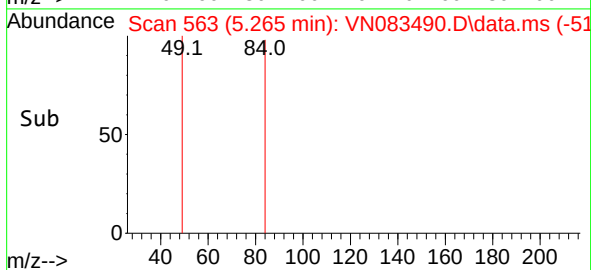
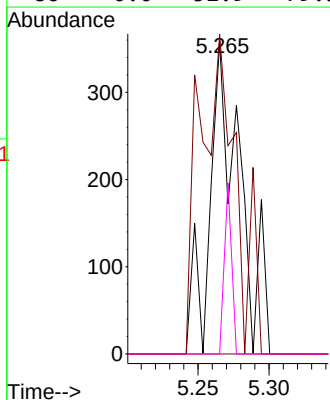
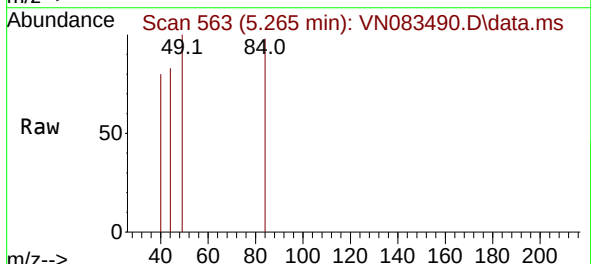
Instrument :
MSVOA_N
ClientSampleId :

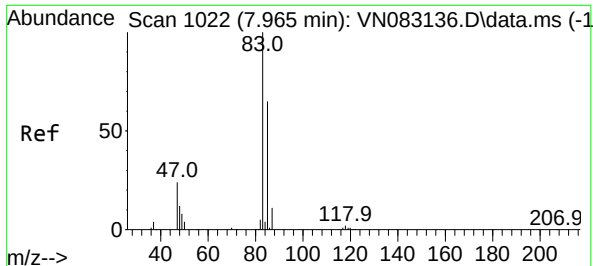
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
74 5.2 16.3 24.5#



#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
49 102.5 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#





#30

Chloroform

Concen: 1.496 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083490.D

Acq: 26 Aug 2024 18:34

Instrument :

MSVOA_N

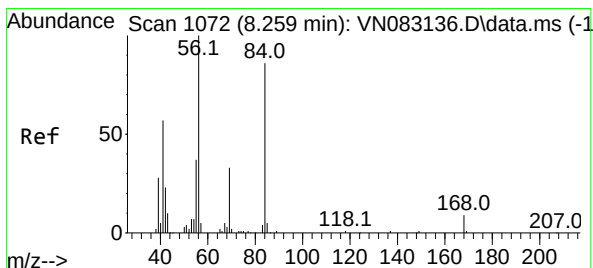
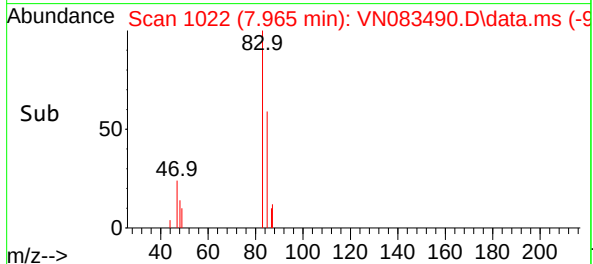
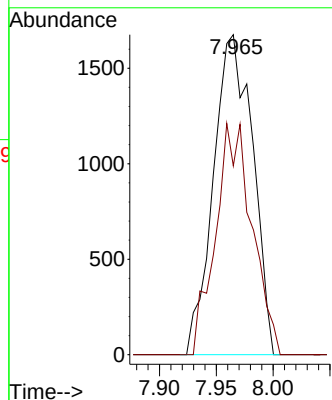
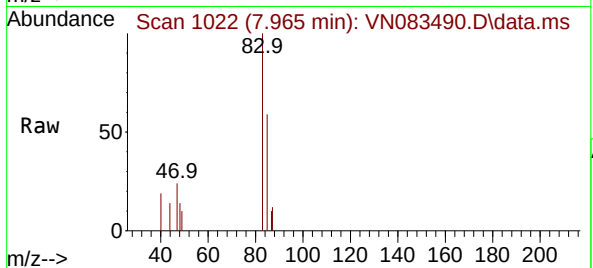
ClientSampleId :

Tgt Ion: 83 Resp: 4022

Ion Ratio Lower Upper

83 100

85 59.0 50.9 76.3



#31

Cyclohexane

Concen: 1.348 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN083490.D

Acq: 26 Aug 2024 18:34

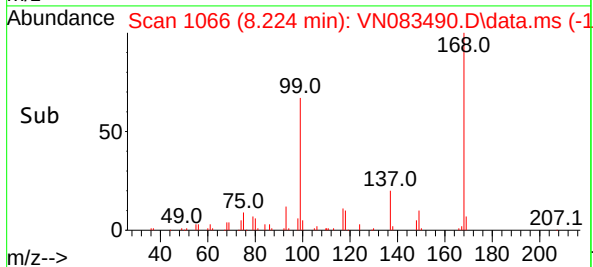
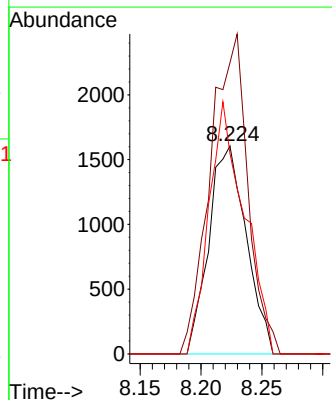
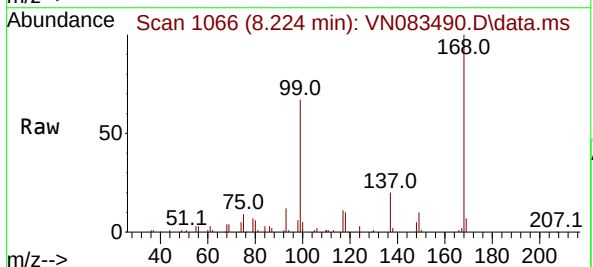
Tgt Ion: 56 Resp: 3428

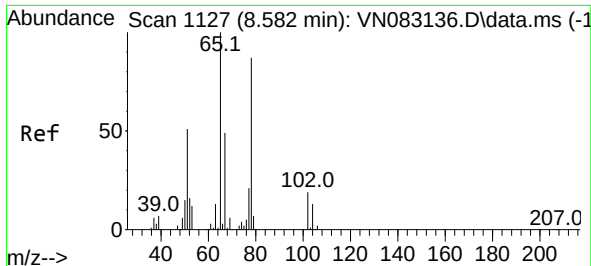
Ion Ratio Lower Upper

56 100

69 140.0 24.5 36.7#

84 96.4 66.0 99.0

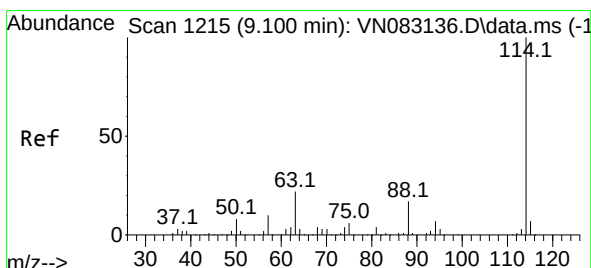
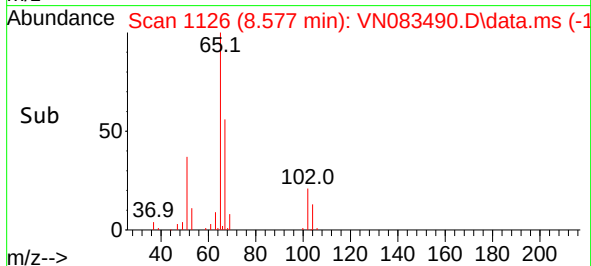
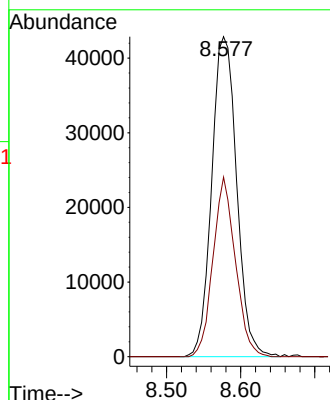
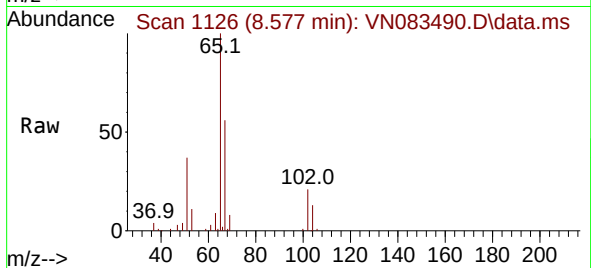




#33
1,2-Dichloroethane-d4
Concen: 58.402 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

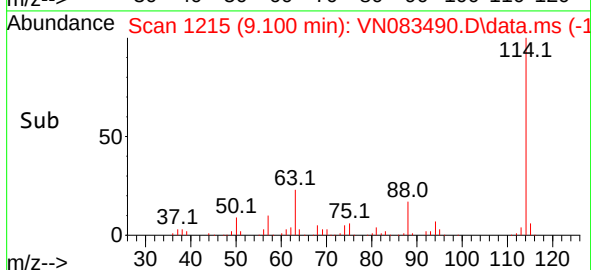
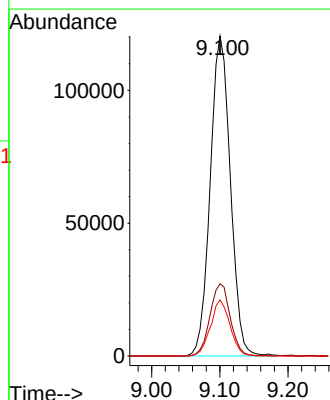
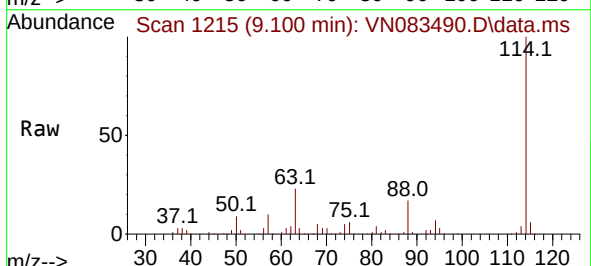
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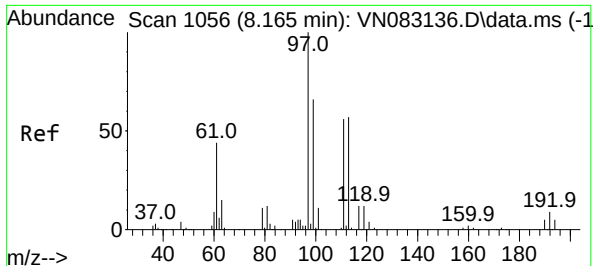
Tgt Ion: 65 Resp: 100254
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

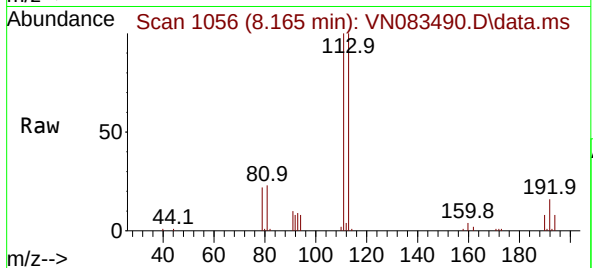
Tgt Ion: 114 Resp: 248200
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.6
88 17.5 0.0 31.4



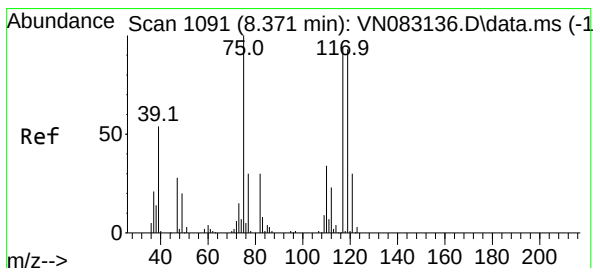
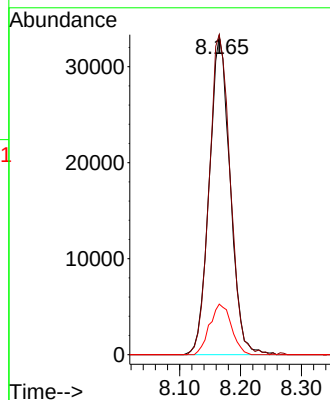
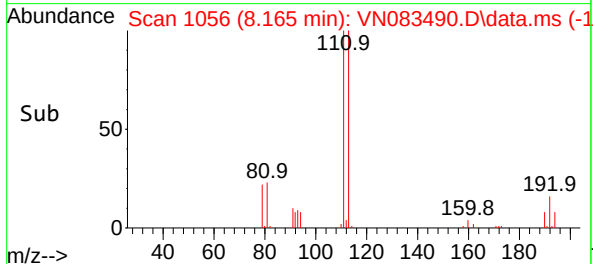


#35
Dibromofluoromethane
Concen: 50.973 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :

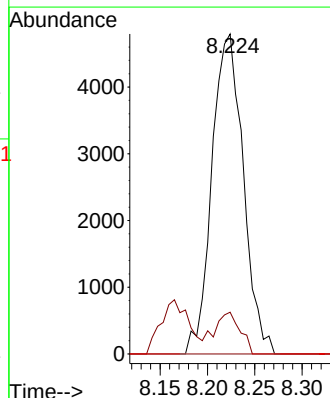
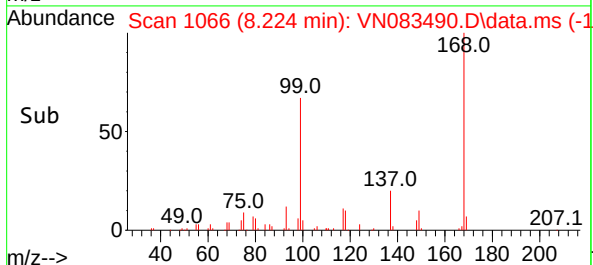
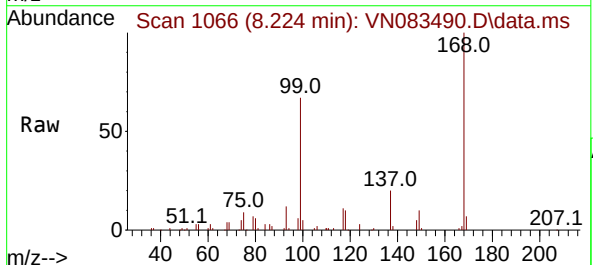


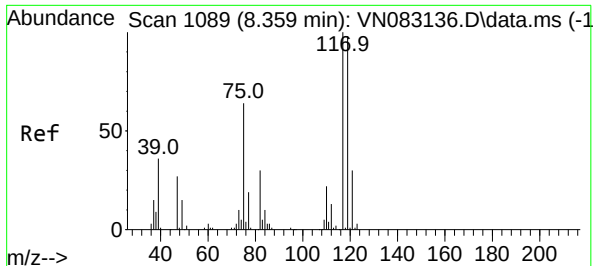
Tgt Ion:113 Resp: 78968
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 16.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Tgt Ion: 75 Resp: 11031
Ion Ratio Lower Upper
75 100
110 10.7 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.333 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

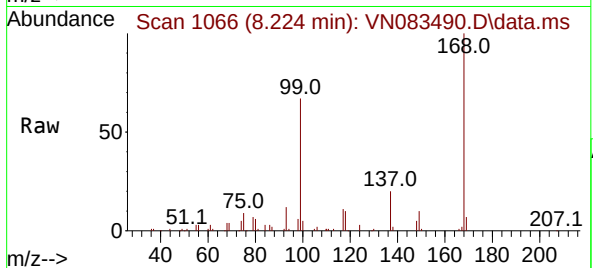
Lab File: VN083490.D

Acq: 26 Aug 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :



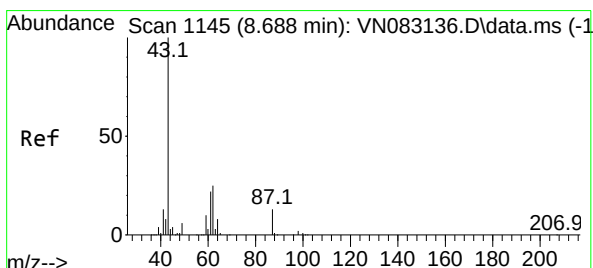
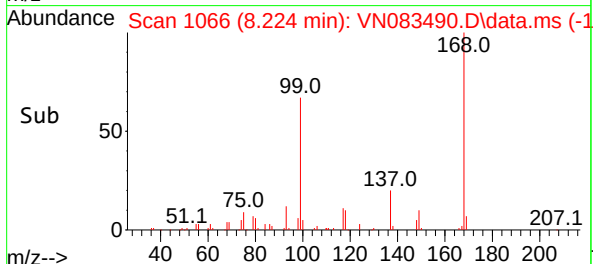
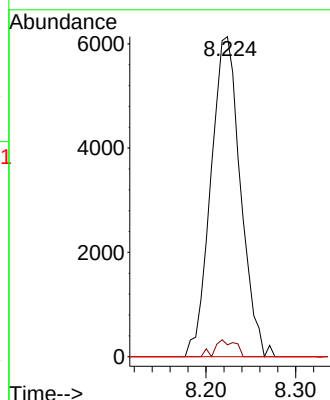
Tgt Ion:117 Resp: 14078

Ion Ratio Lower Upper

117 100

119 3.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.741 min Scan# 1154

Delta R.T. 0.053 min

Lab File: VN083490.D

Acq: 26 Aug 2024 18:34

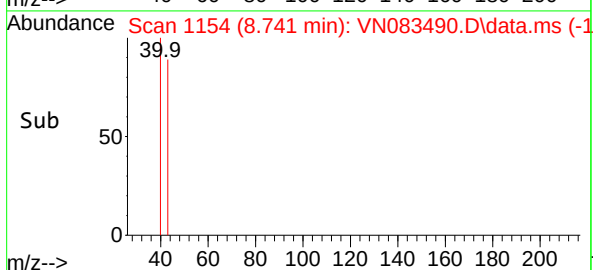
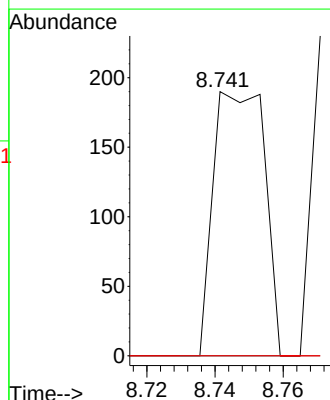
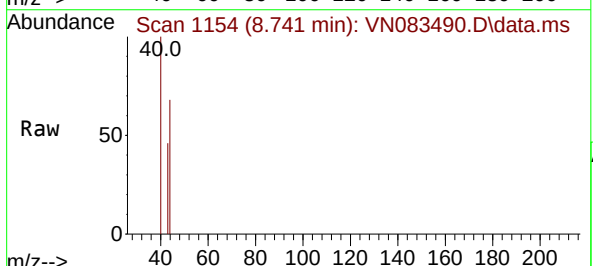
Tgt Ion: 43 Resp: 198

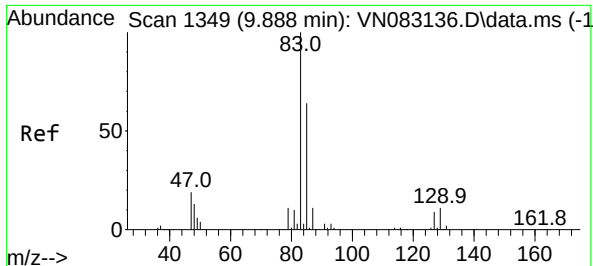
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

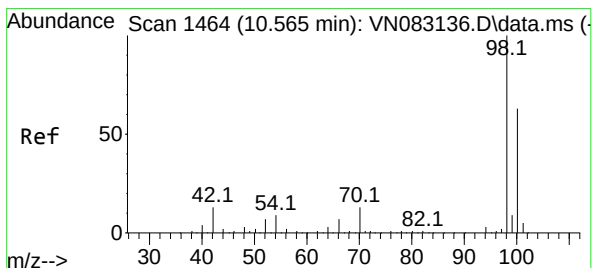
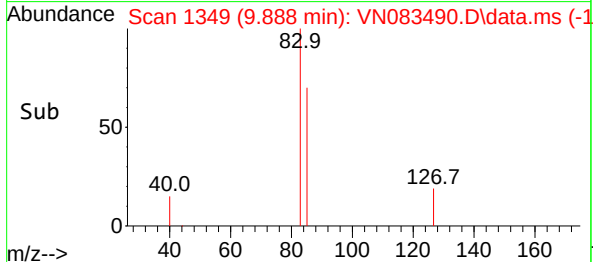
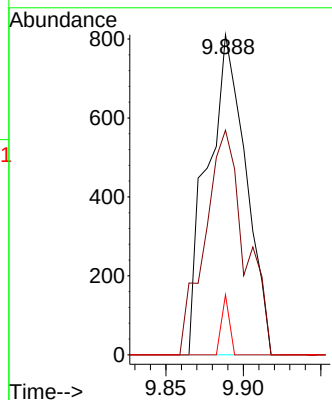
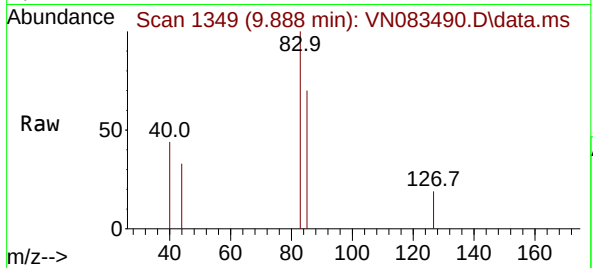




#47
Bromodichloromethane
Concen: 0.524 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

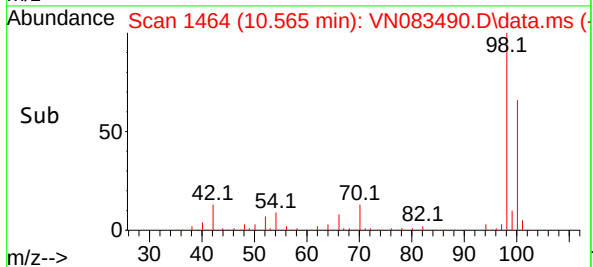
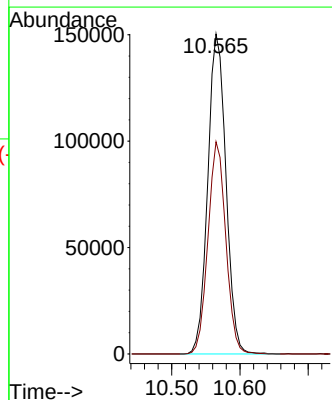
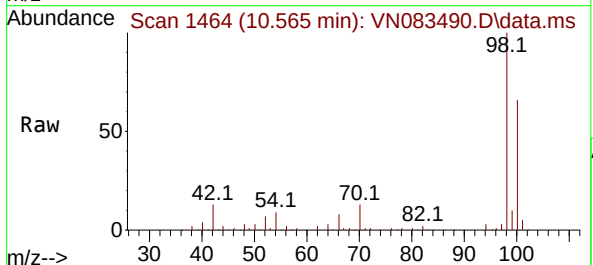
Instrument :
MSVOA_N
ClientSampleId :

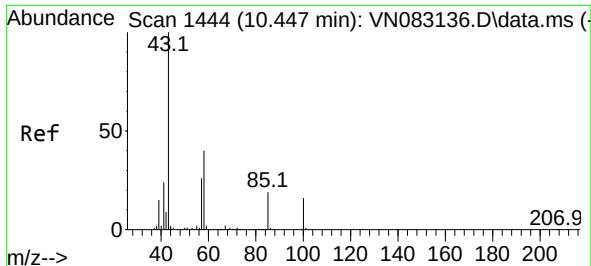
Tgt Ion: 83 Resp: 1396
Ion Ratio Lower Upper
83 100
85 70.2 51.1 76.7
127 18.7 7.2 10.8#



#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

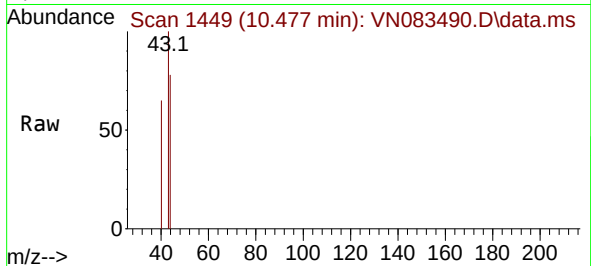
Tgt Ion: 98 Resp: 279055
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



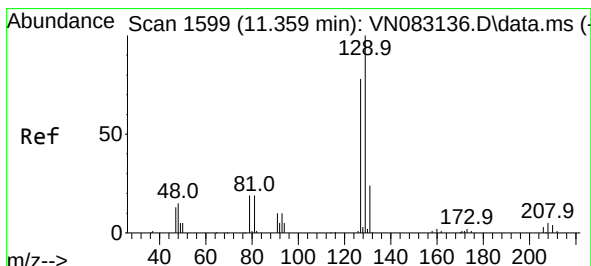
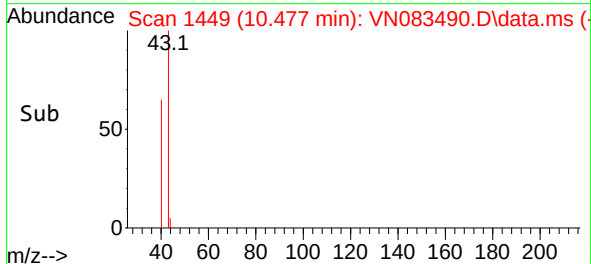
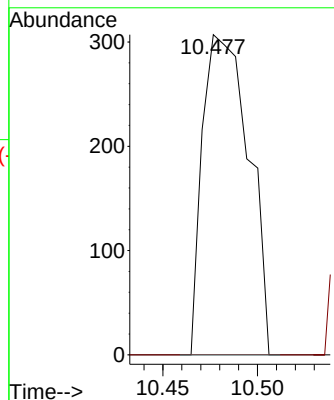


#51
4-Methyl-2-Pentanone
Concen: 0.210 ug/l
RT: 10.477 min Scan# 1444
Delta R.T. 0.030 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :

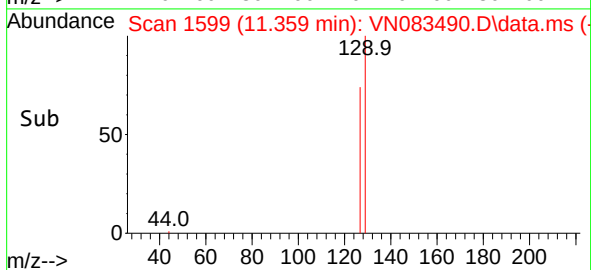
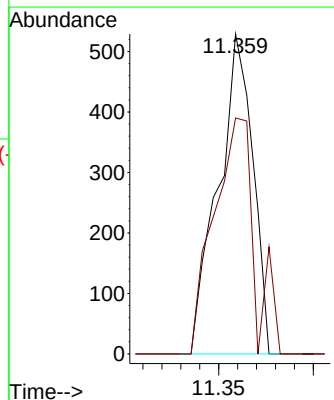
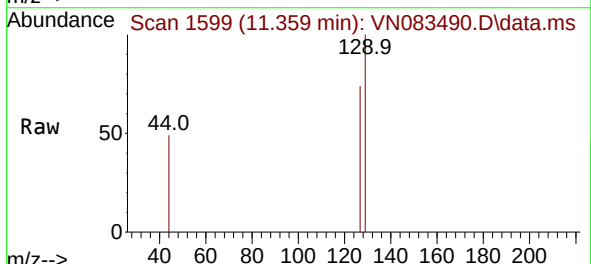


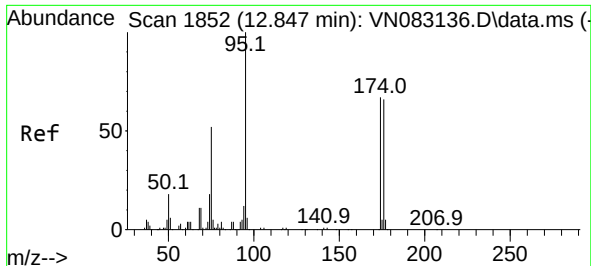
Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#60
Dibromochloromethane
Concen: 0.351 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

Tgt Ion: 129 Resp: 671
Ion Ratio Lower Upper
129 100
127 86.0 39.2 117.6

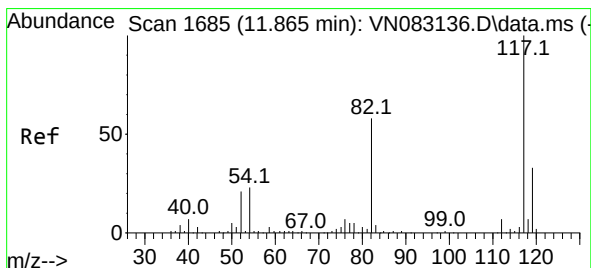
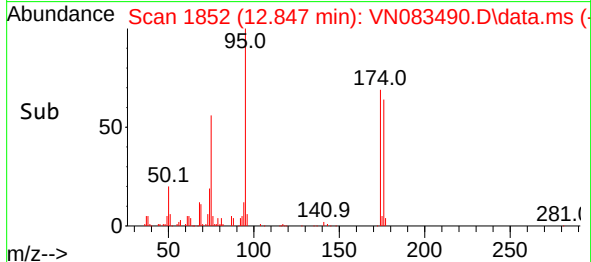
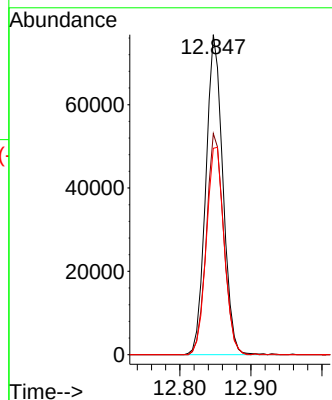
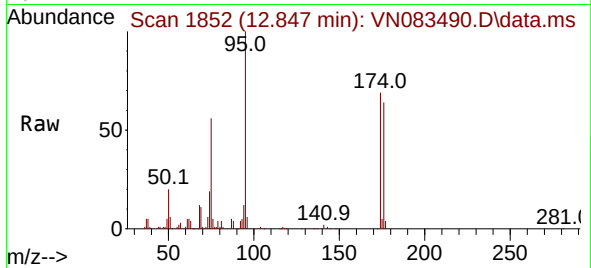




#62
4-Bromofluorobenzene
Concen: 56.834 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

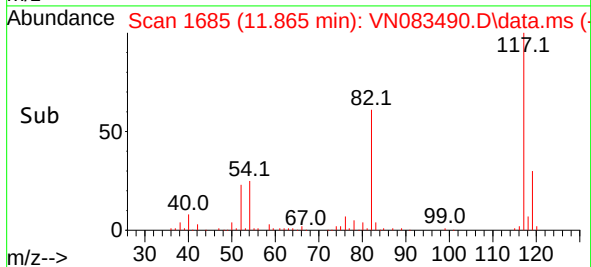
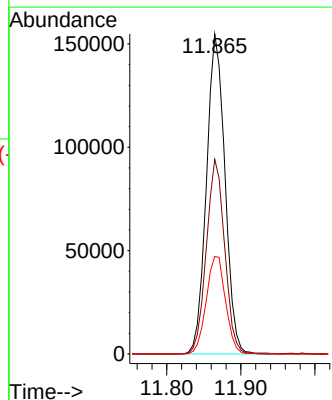
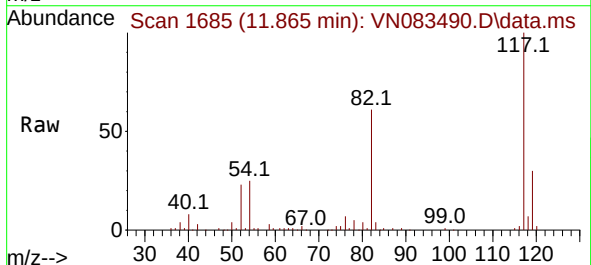
Instrument :
MSVOA_N
ClientSampleId :

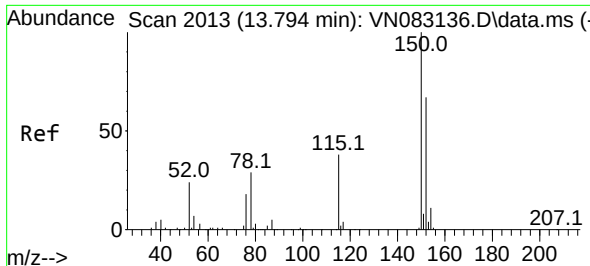
Tgt Ion: 95 Resp: 128045
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083490.D
Acq: 26 Aug 2024 18:34

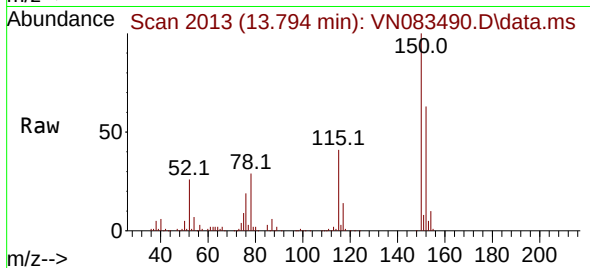
Tgt Ion: 117 Resp: 268436
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 30.4 25.6 38.4



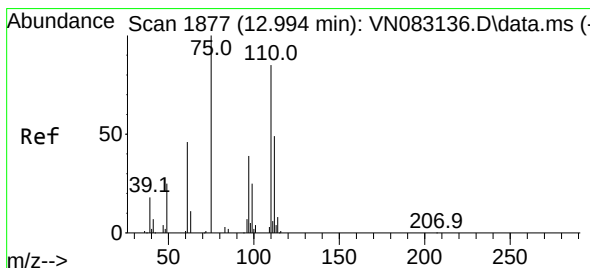
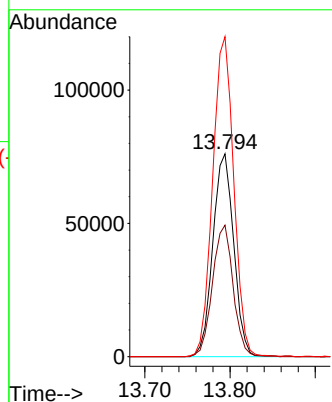
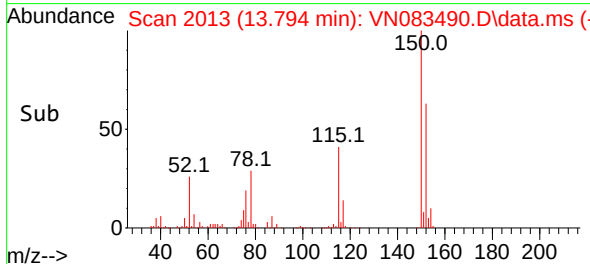


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083490.D
 Acq: 26 Aug 2024 18:34

Instrument :
 MSVOA_N
 ClientSampleId :

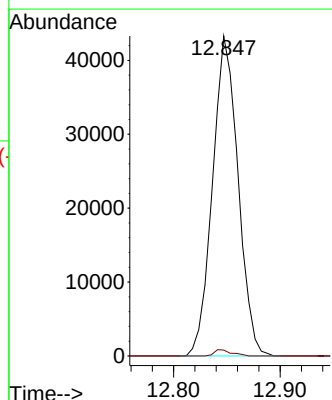
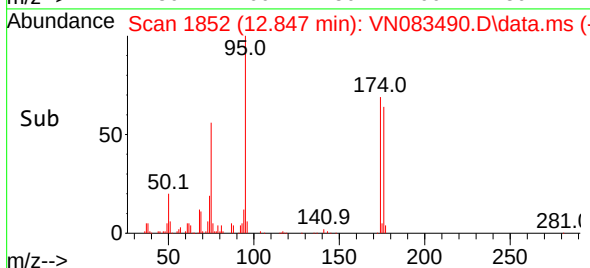
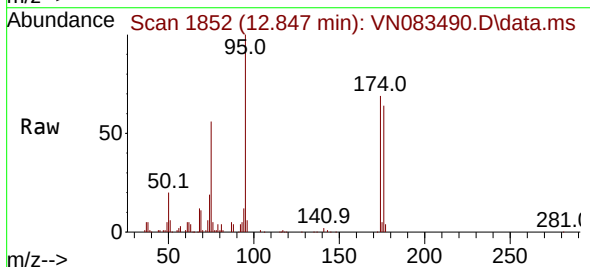


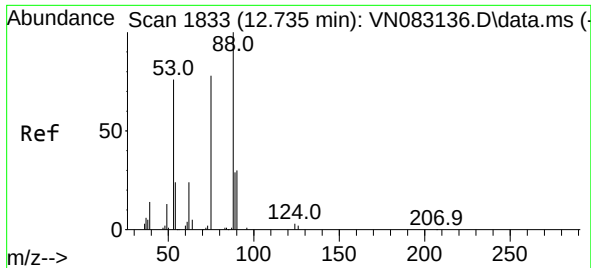
Tgt Ion:152 Resp: 129645
 Ion Ratio Lower Upper
 152 100
 115 64.1 30.6 91.6
 150 158.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.308 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083490.D
 Acq: 26 Aug 2024 18:34

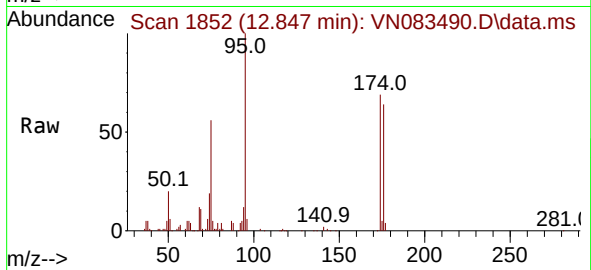
Tgt Ion: 75 Resp: 72011
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.051 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083490.D
 Acq: 26 Aug 2024 18:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

