

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083289.D
 Acq On : 14 Aug 2024 09:40
 Operator : JC\MD
 Sample : P3466-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 14:15:07 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)

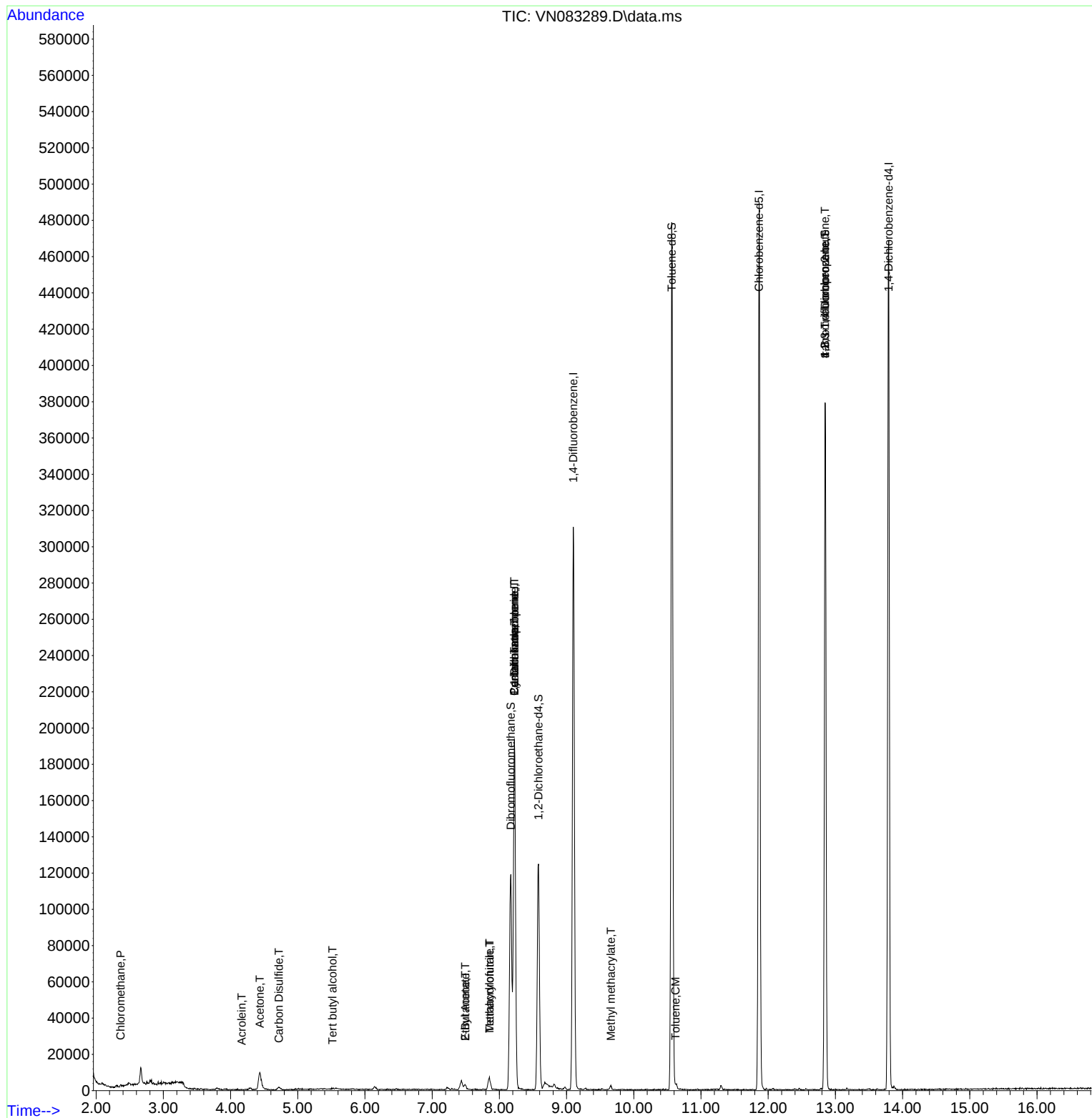
Internal Standards						
1) Pentafluorobenzene	8.224	168	134926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109611	57.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.140%			
35) Dibromofluoromethane	8.171	113	86638	52.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.840%			
50) Toluene-d8	10.565	98	326975	53.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.847	95	136372	57.283	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.560%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	682	0.435	ug/l	94
11) Tert butyl alcohol	5.518	59	186	0.466	ug/l #	71
13) Acrolein	4.165	56	64	0.246	ug/l #	14
16) Acetone	4.436	43	19128	25.453	ug/l	96
17) Carbon Disulfide	4.718	76	1313	0.300	ug/l #	75
25) 2-Butanone	7.494	43	4789	4.150	ug/l	97
29) Tetrahydrofuran	7.853	42	5105	6.844	ug/l	92
31) Cyclohexane	8.224	56	3274	1.150	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12519	5.055	ug/l #	45
37) Ethyl Acetate	7.494	43	4789	1.727	ug/l #	74
38) Carbon Tetrachloride	8.224	117	15213	5.454	ug/l #	17
41) Methacrylonitrile	7.853	41	3208	2.035	ug/l #	50
43) Isopropyl Acetate	8.677	43	2499	Below Cal	#	60
48) Methyl methacrylate	9.659	41	565	0.246	ug/l #	31
52) Toluene	10.624	92	1292	0.277	ug/l	96
76) 1,2,3-Trichloropropane	12.847	75	75166	27.400	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75166	59.603	ug/l #	6

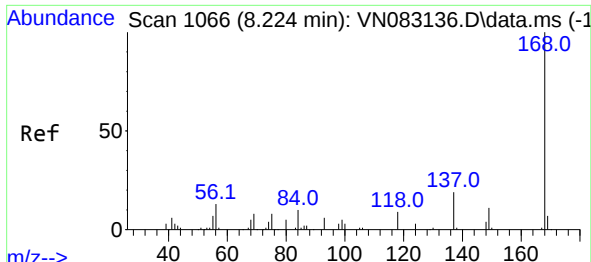
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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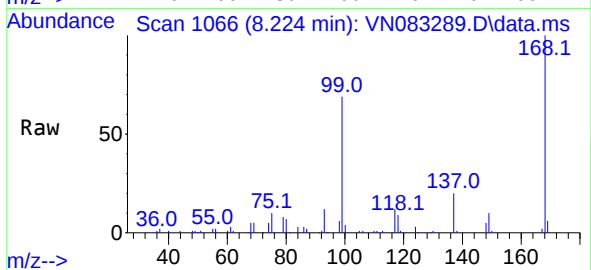
Quant Time: Aug 14 14:15:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



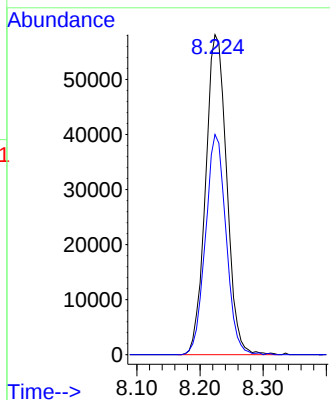
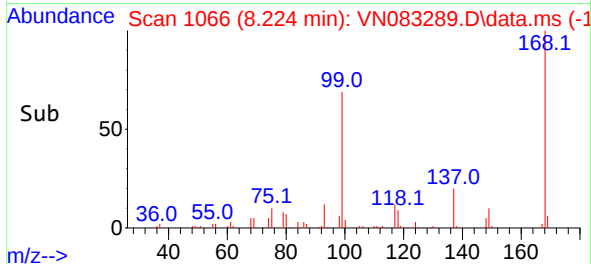


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

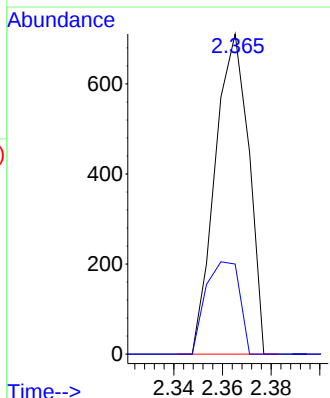
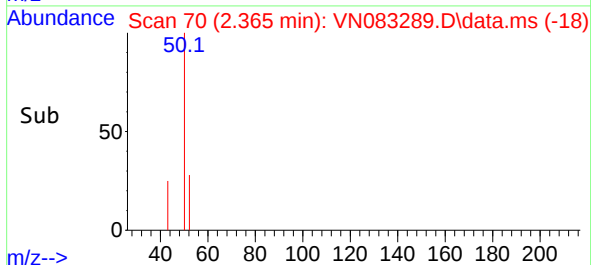
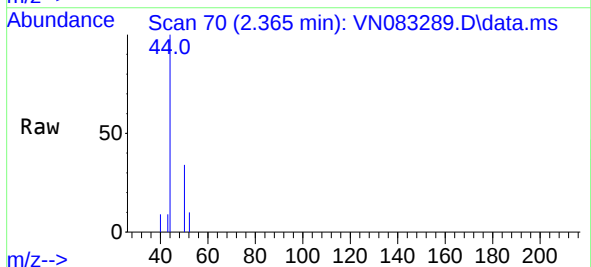


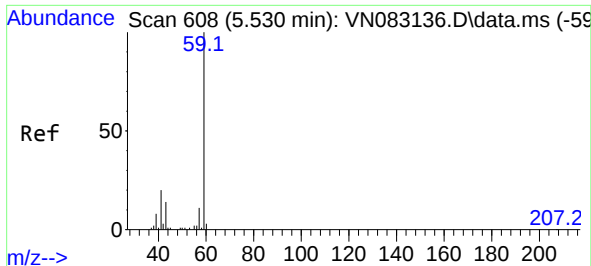
Tgt Ion:168 Resp: 134926
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#3
Chloromethane
Concen: 0.435 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

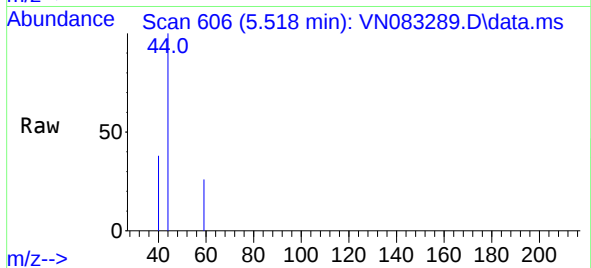
Tgt Ion: 50 Resp: 682
Ion Ratio Lower Upper
50 100
52 28.1 25.0 37.4



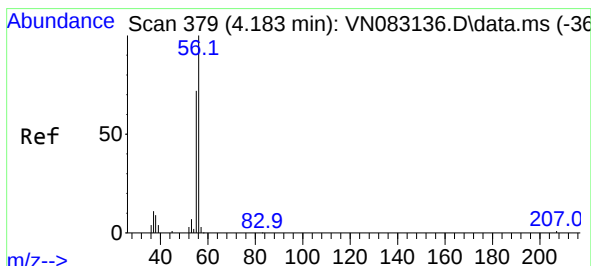
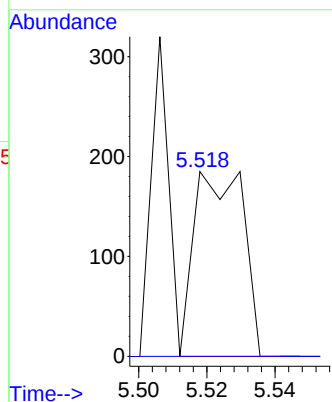


#11
Tert butyl alcohol
Concen: 0.466 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

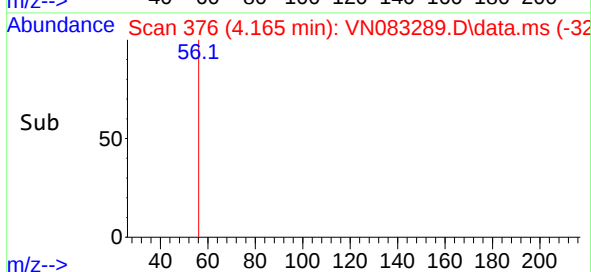
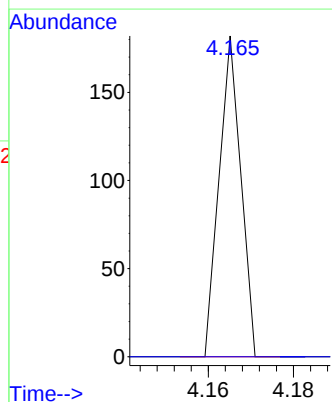
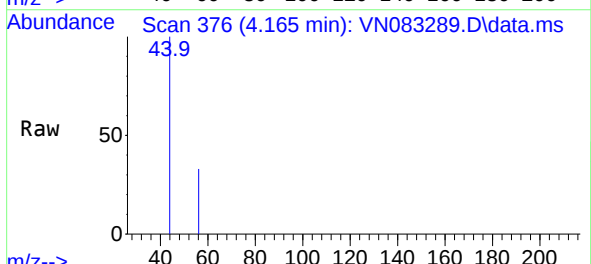


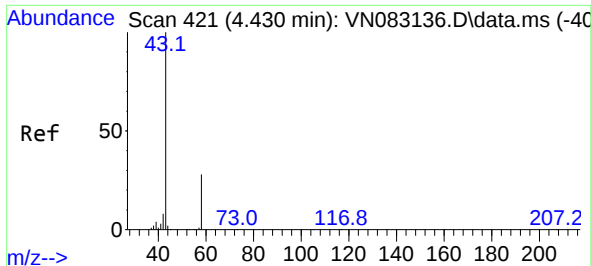
Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.246 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.018 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

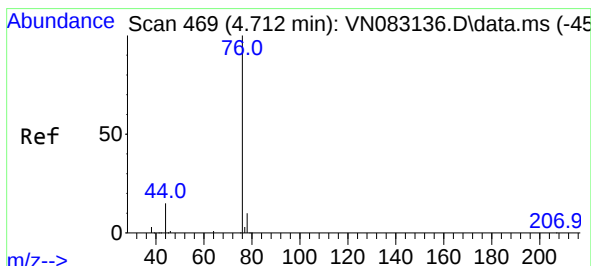
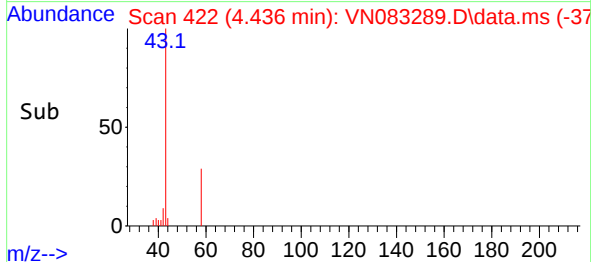
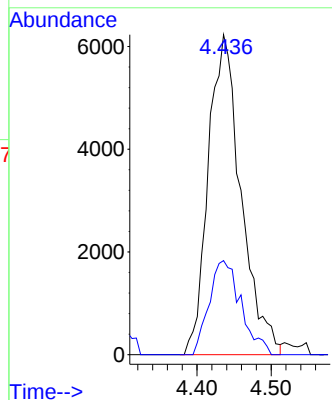
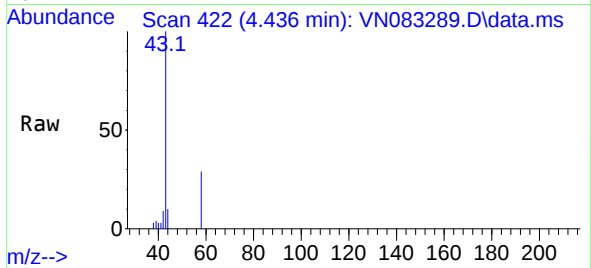




#16
Acetone
Concen: 25.453 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

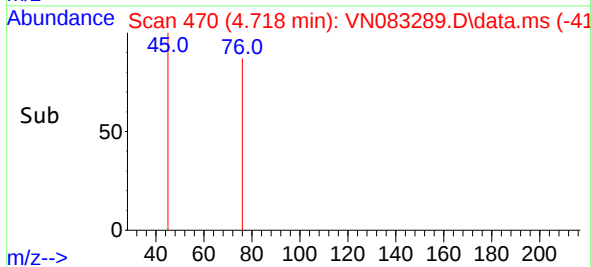
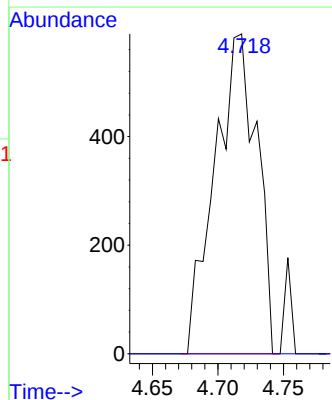
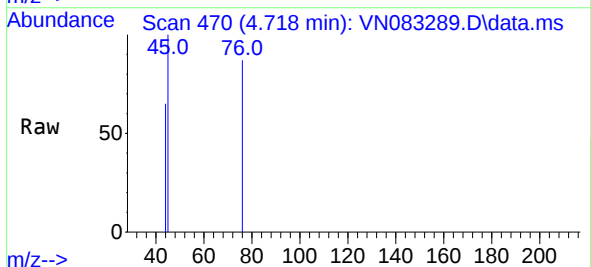
Instrument :
MSVOA_N
ClientSampleId :

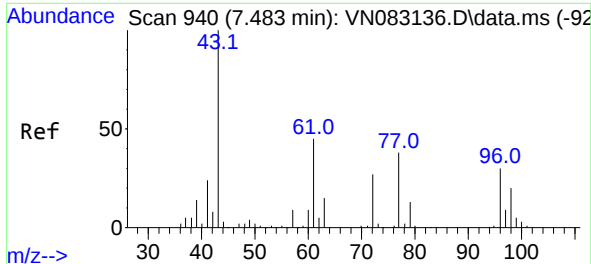
Tgt Ion: 43 Resp: 19128
Ion Ratio Lower Upper
43 100
58 29.4 21.8 32.6



#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Tgt Ion: 76 Resp: 1313
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 4.150 ug/l

RT: 7.494 min Scan# 94

Delta R.T. 0.012 min

Lab File: VN083289.D

Acq: 14 Aug 2024 09:40

Instrument :

MSVOA_N

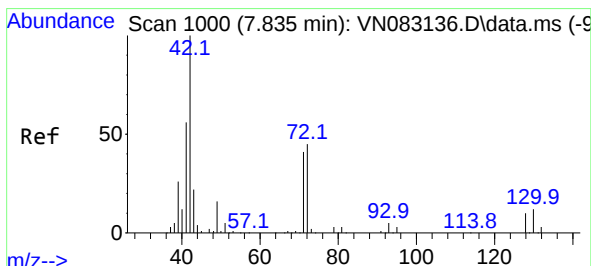
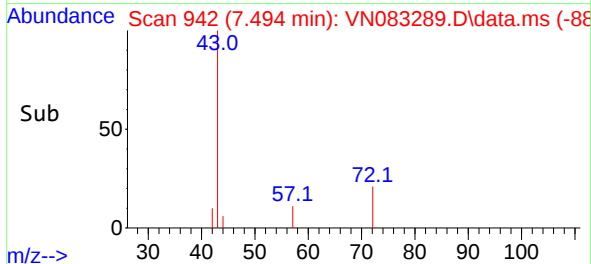
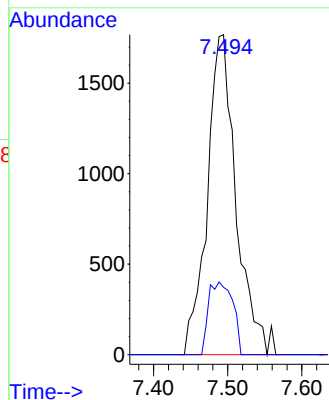
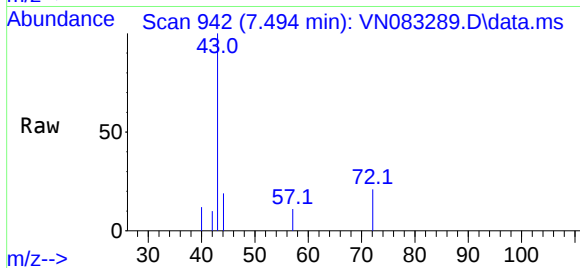
ClientSampleId :

Tgt Ion: 43 Resp: 4789

Ion Ratio Lower Upper

43 100

72 21.0 18.2 27.2



#29

Tetrahydrofuran

Concen: 6.844 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN083289.D

Acq: 14 Aug 2024 09:40

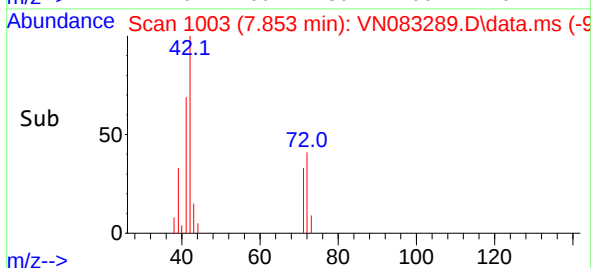
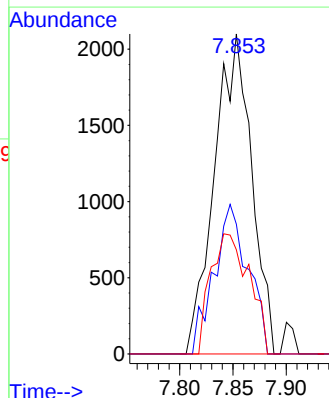
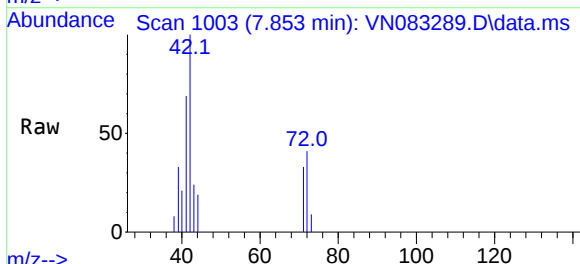
Tgt Ion: 42 Resp: 5105

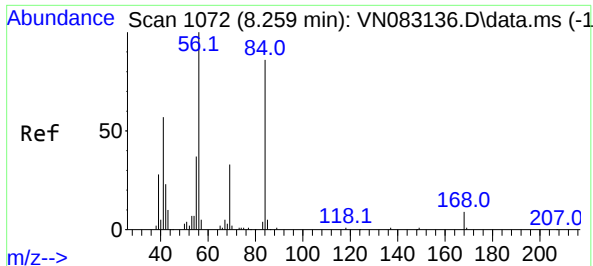
Ion Ratio Lower Upper

42 100

72 42.9 30.0 45.0

71 38.9 28.3 42.5





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

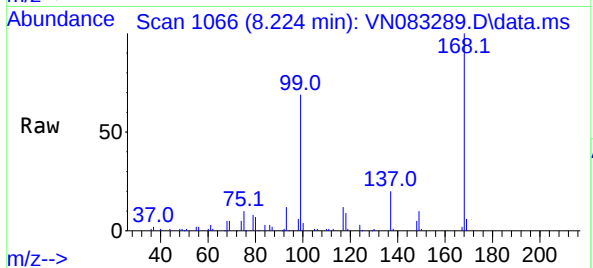
Lab File: VN083289.D

Acq: 14 Aug 2024 09:40

Instrument :

MSVOA_N

ClientSampleId :



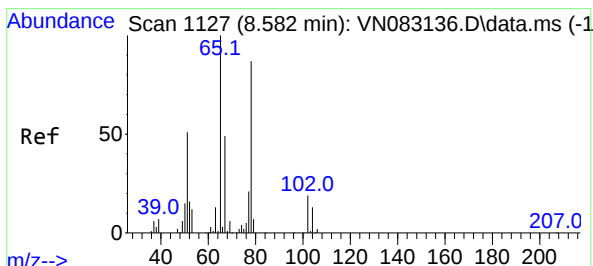
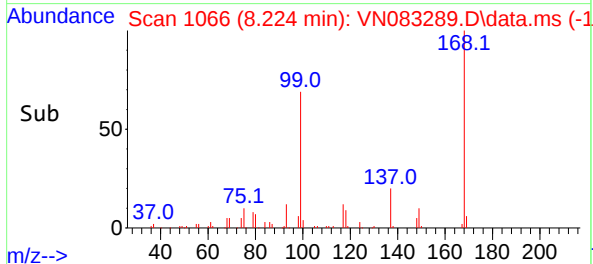
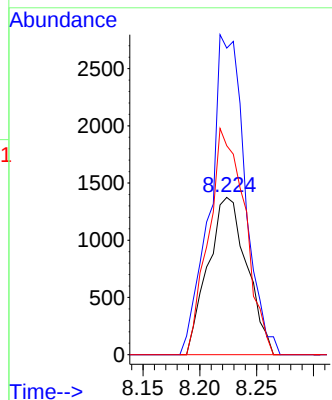
Tgt Ion: 56 Resp: 3274

Ion Ratio Lower Upper

56 100

69 194.9 24.5 36.7#

84 132.9 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 57.074 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083289.D

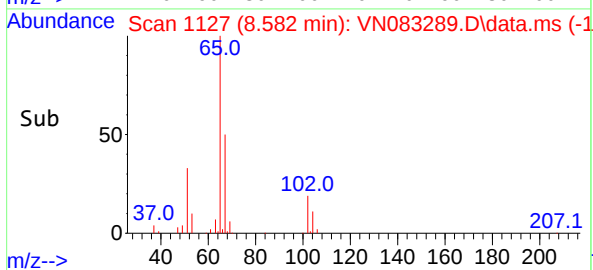
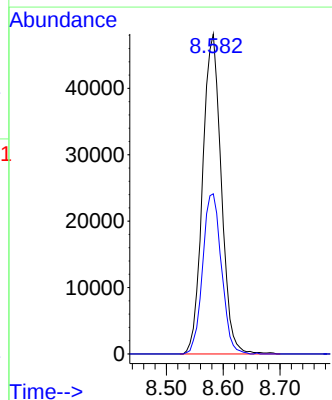
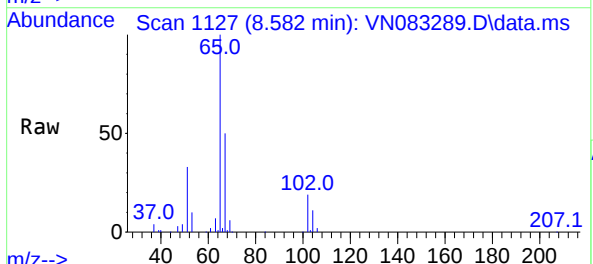
Acq: 14 Aug 2024 09:40

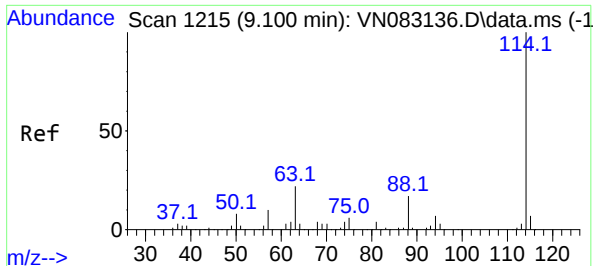
Tgt Ion: 65 Resp: 109611

Ion Ratio Lower Upper

65 100

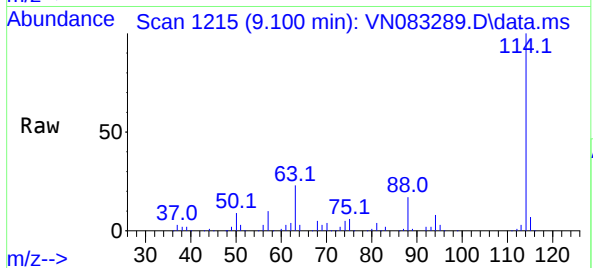
67 50.4 0.0 104.4



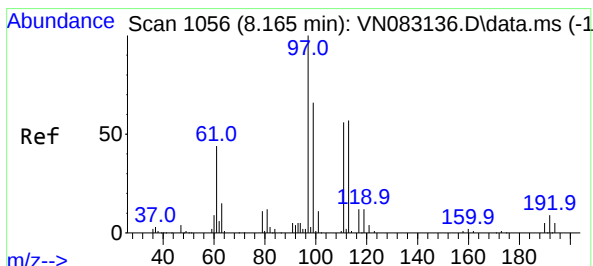
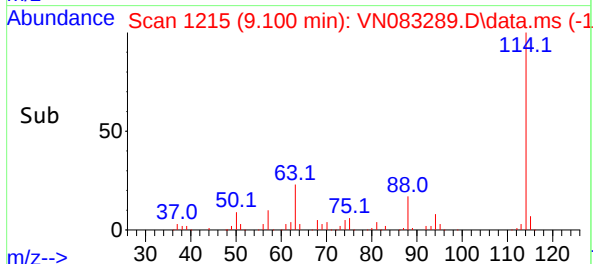
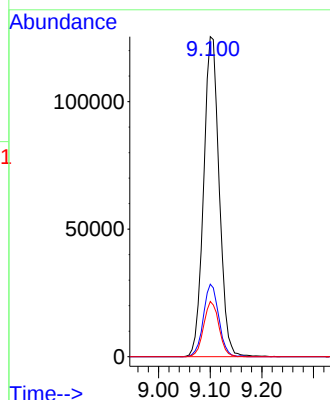


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

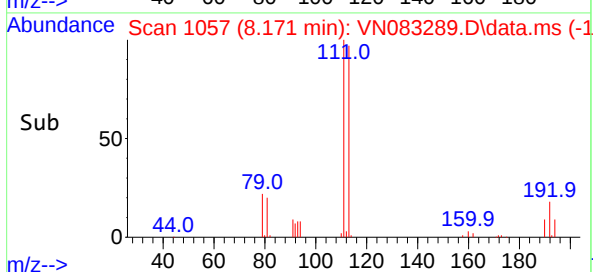
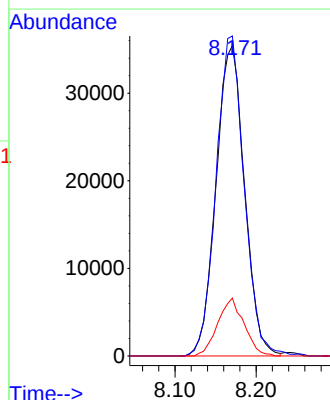
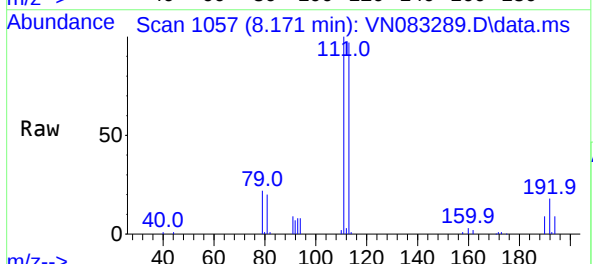


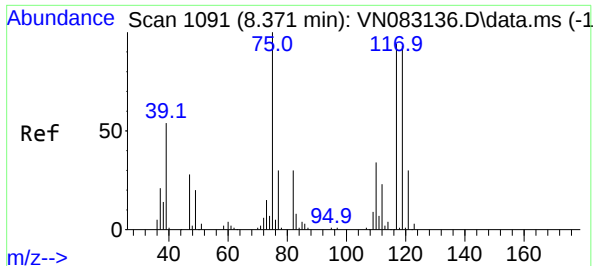
Tgt Ion:114 Resp: 262270
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.924 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

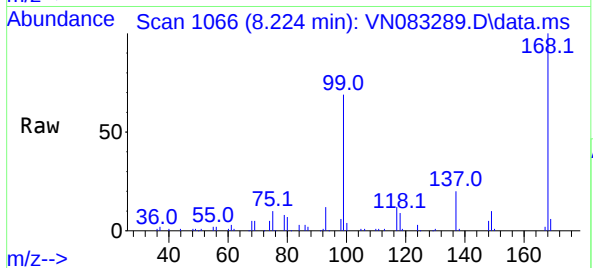
Tgt Ion:113 Resp: 86638
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 17.2 14.9 22.3



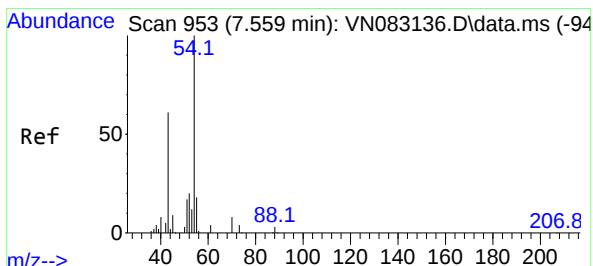
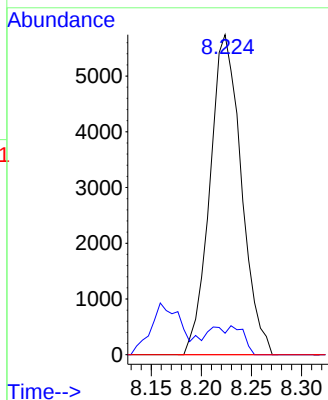
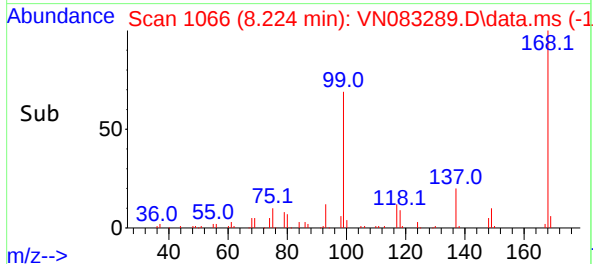


#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

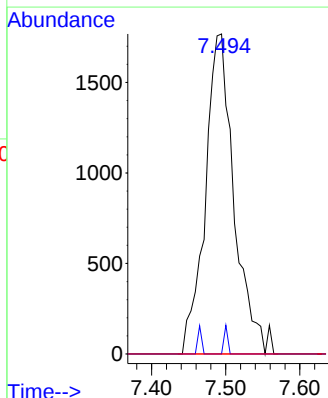
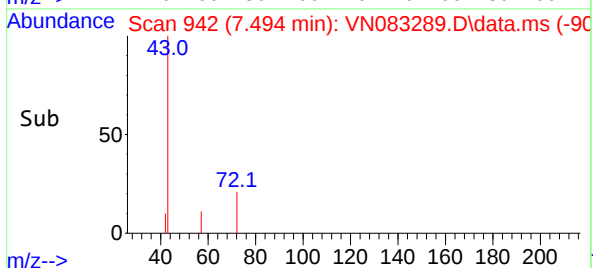
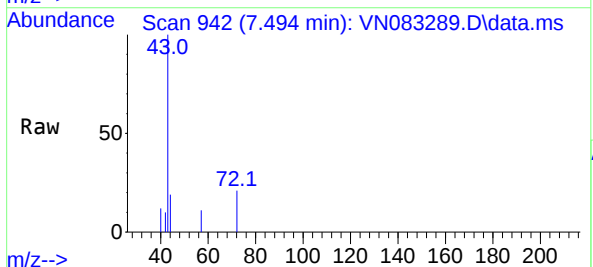


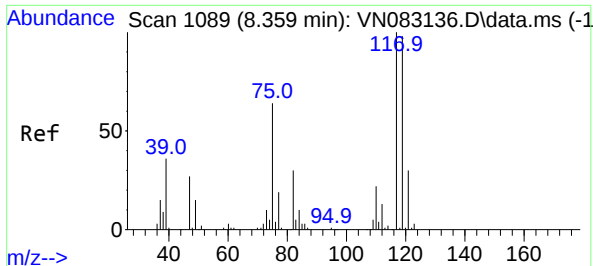
Tgt Ion: 75 Resp: 12519
Ion Ratio Lower Upper
75 100
110 2.2 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.727 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

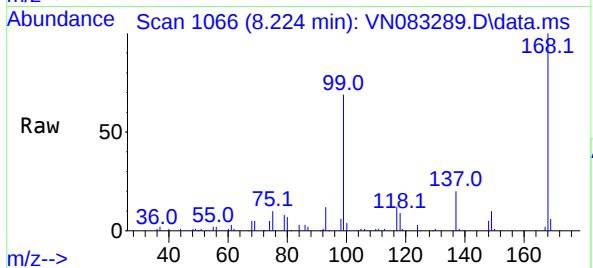
Tgt Ion: 43 Resp: 4789
Ion Ratio Lower Upper
43 100
61 1.2 9.3 13.9#
70 0.0 7.0 10.6#



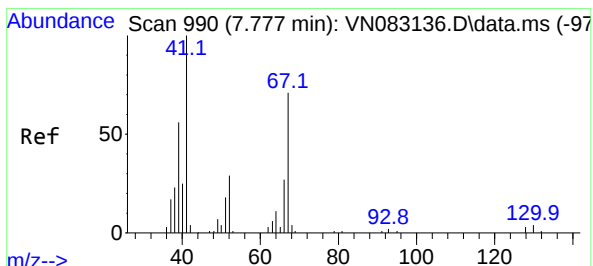
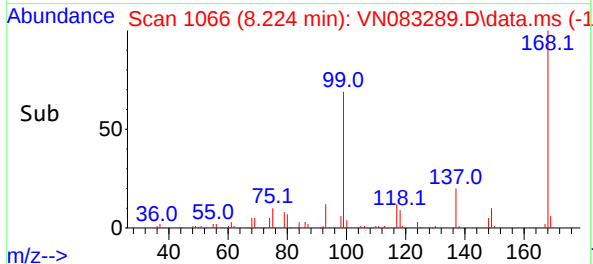
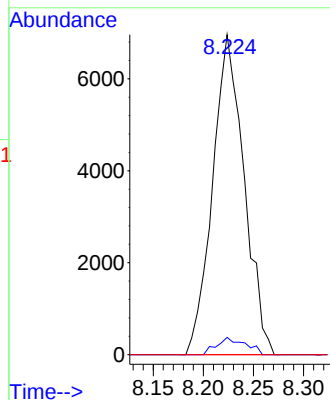


#38
Carbon Tetrachloride
Concen: 5.454 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

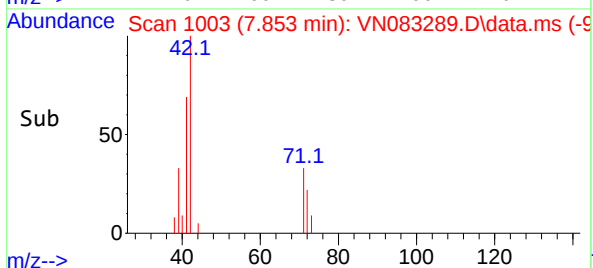
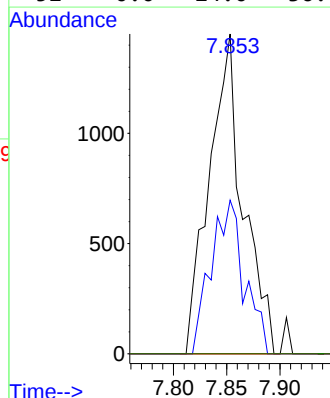
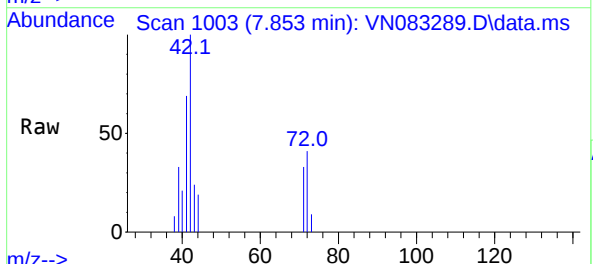


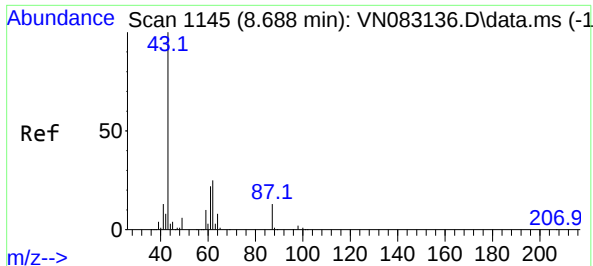
Tgt Ion:117 Resp: 15213
Ion Ratio Lower Upper
117 100
119 5.4 74.9 112.3#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 2.035 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.076 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

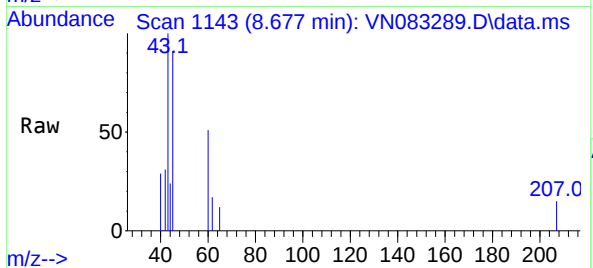
Tgt Ion: 41 Resp: 3208
Ion Ratio Lower Upper
41 100
39 47.3 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#



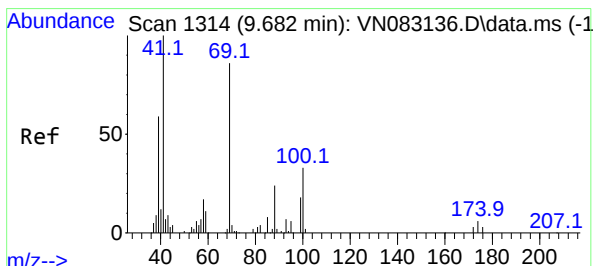
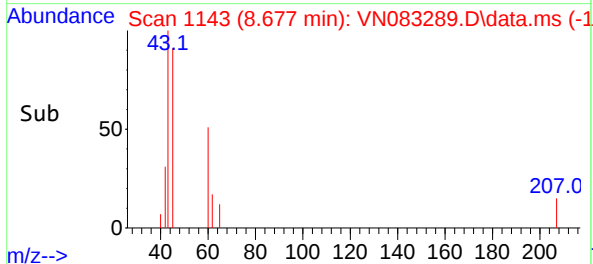
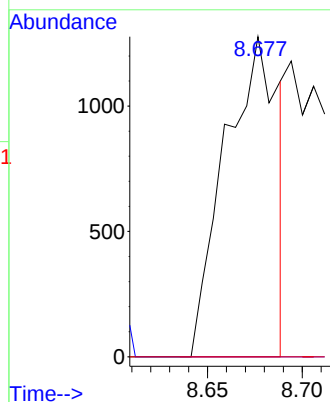


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1145
Delta R.T. -0.011 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

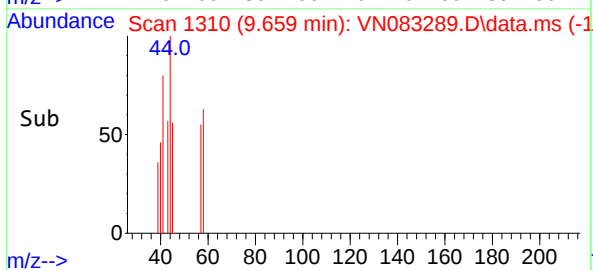
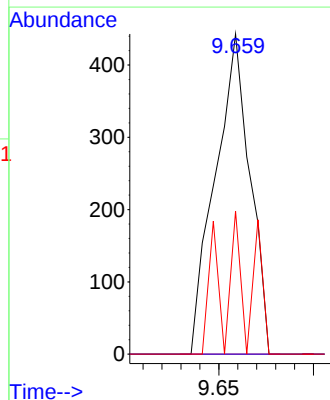
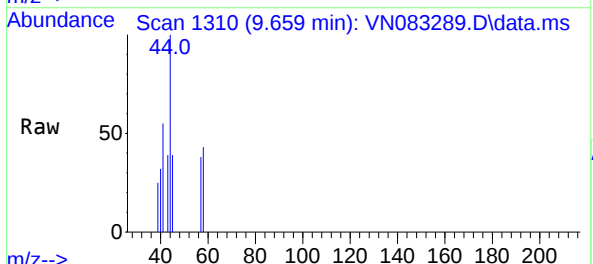


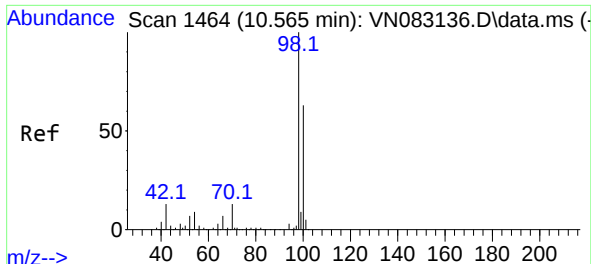
Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#48
Methyl methacrylate
Concen: 0.246 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.024 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Tgt Ion: 41 Resp: 565
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 23.9 50.3 75.5#

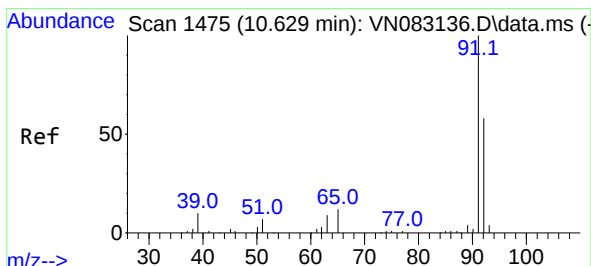
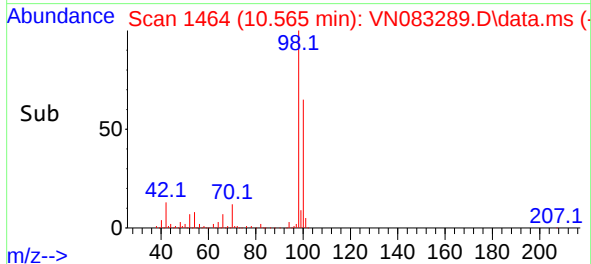
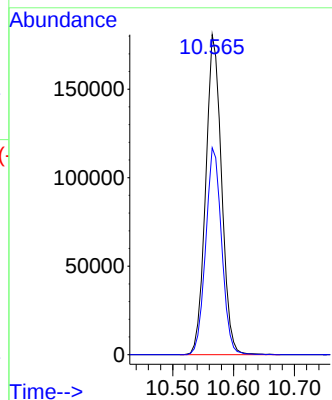
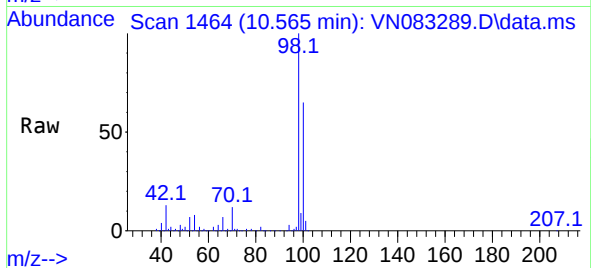




#50
Toluene-d8
Concen: 53.545 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

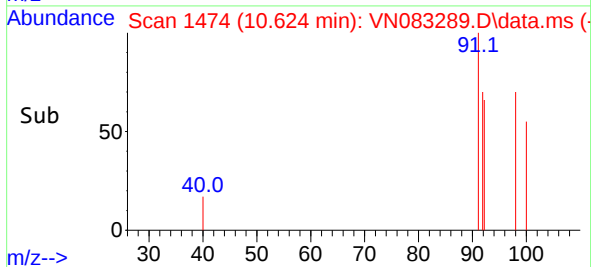
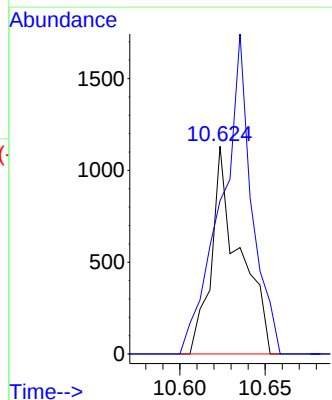
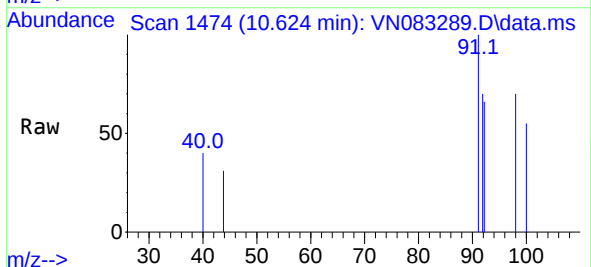
Instrument :
MSVOA_N
ClientSampleId :

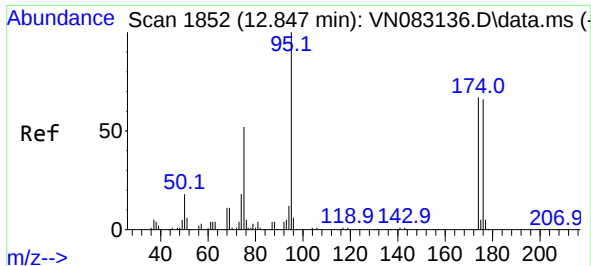
Tgt Ion: 98 Resp: 326975
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#52
Toluene
Concen: 0.277 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Tgt Ion: 92 Resp: 1292
Ion Ratio Lower Upper
92 100
91 168.3 139.4 209.0

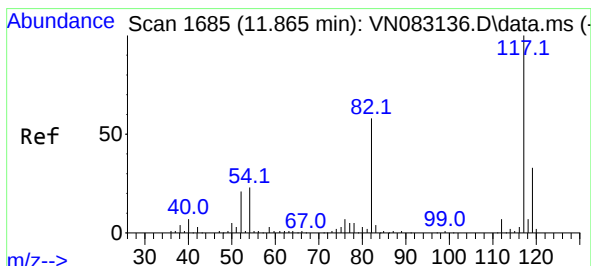
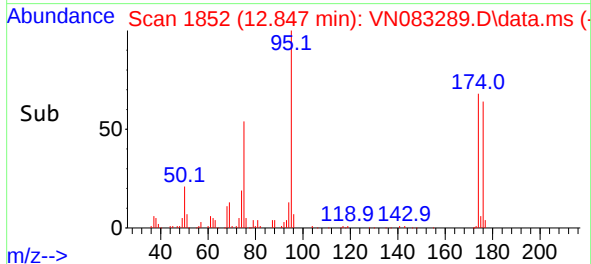
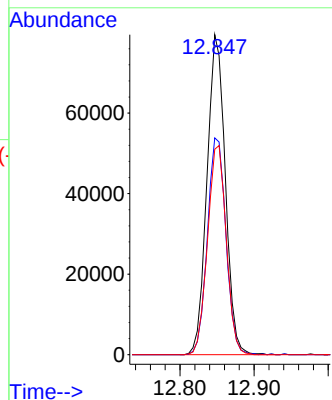
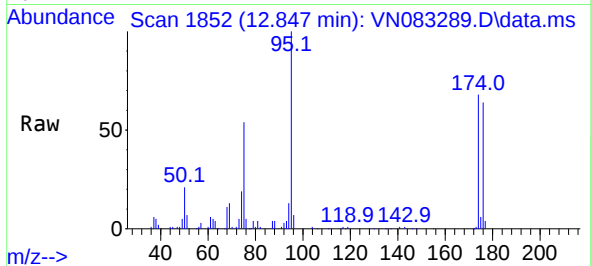




#62
4-Bromofluorobenzene
Concen: 57.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

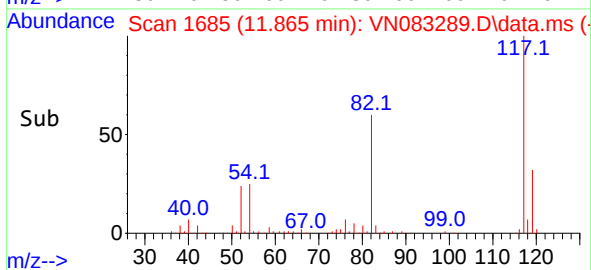
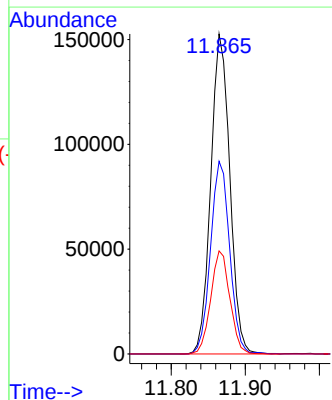
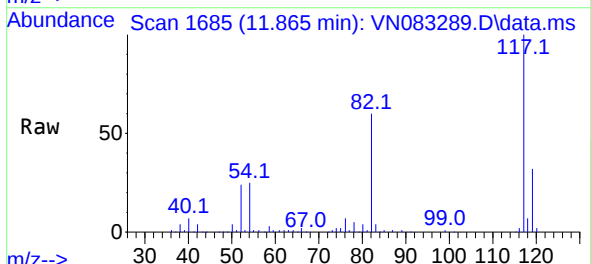
Instrument :
MSVOA_N
ClientSampleId :

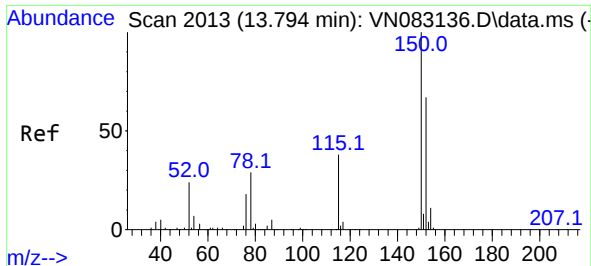
Tgt Ion: 95 Resp: 136372
Ion Ratio Lower Upper
95 100
174 68.7 0.0 159.2
176 66.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

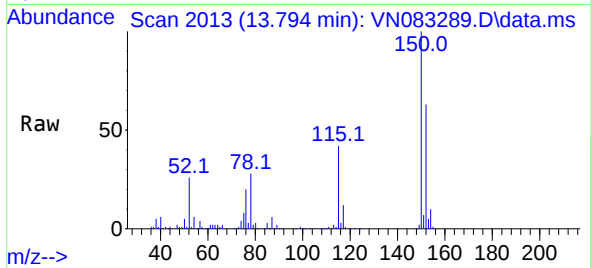
Tgt Ion: 117 Resp: 272326
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 32.2 25.6 38.4



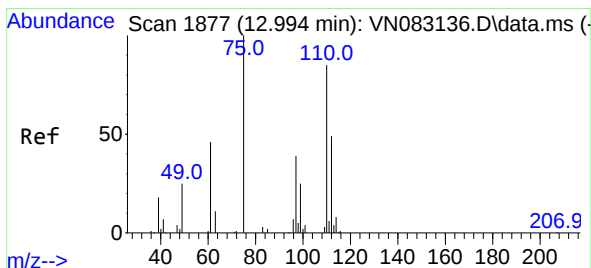
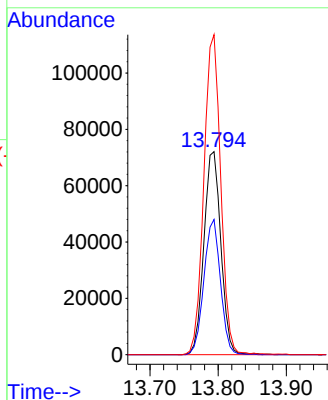
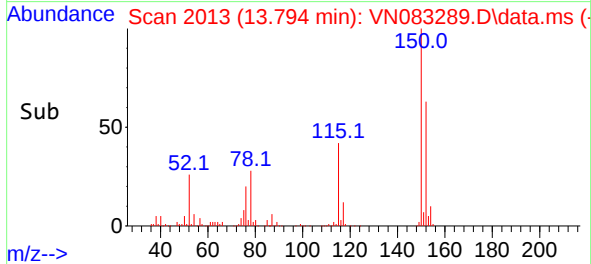


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :

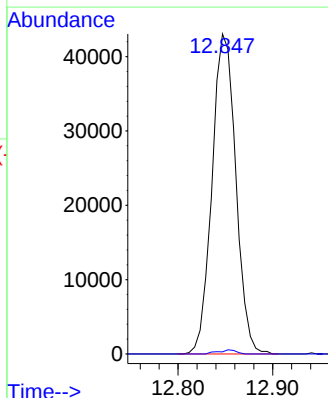
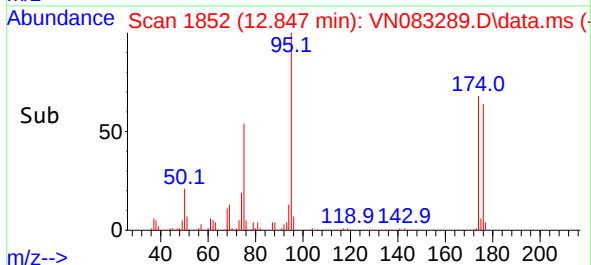
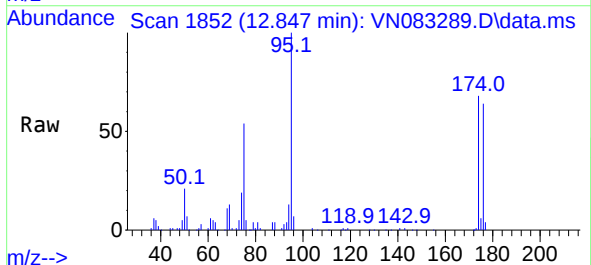


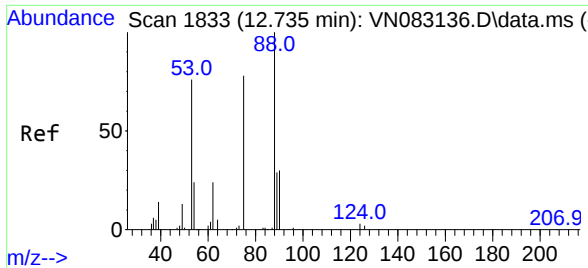
Tgt Ion:152 Resp: 124991
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 156.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.400 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

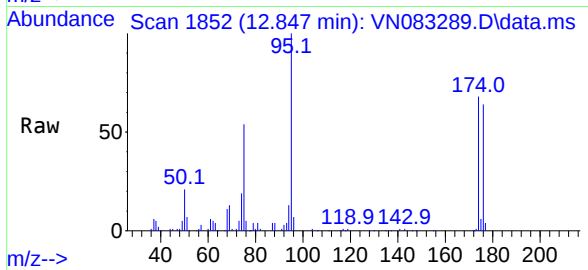
Tgt Ion: 75 Resp: 75166
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.603 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083289.D
Acq: 14 Aug 2024 09:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	75	Resp:	75166
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

