

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083029.D
 Acq On : 24 Jul 2024 15:18
 Operator : JC\MD
 Sample : P3338-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 02:39:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

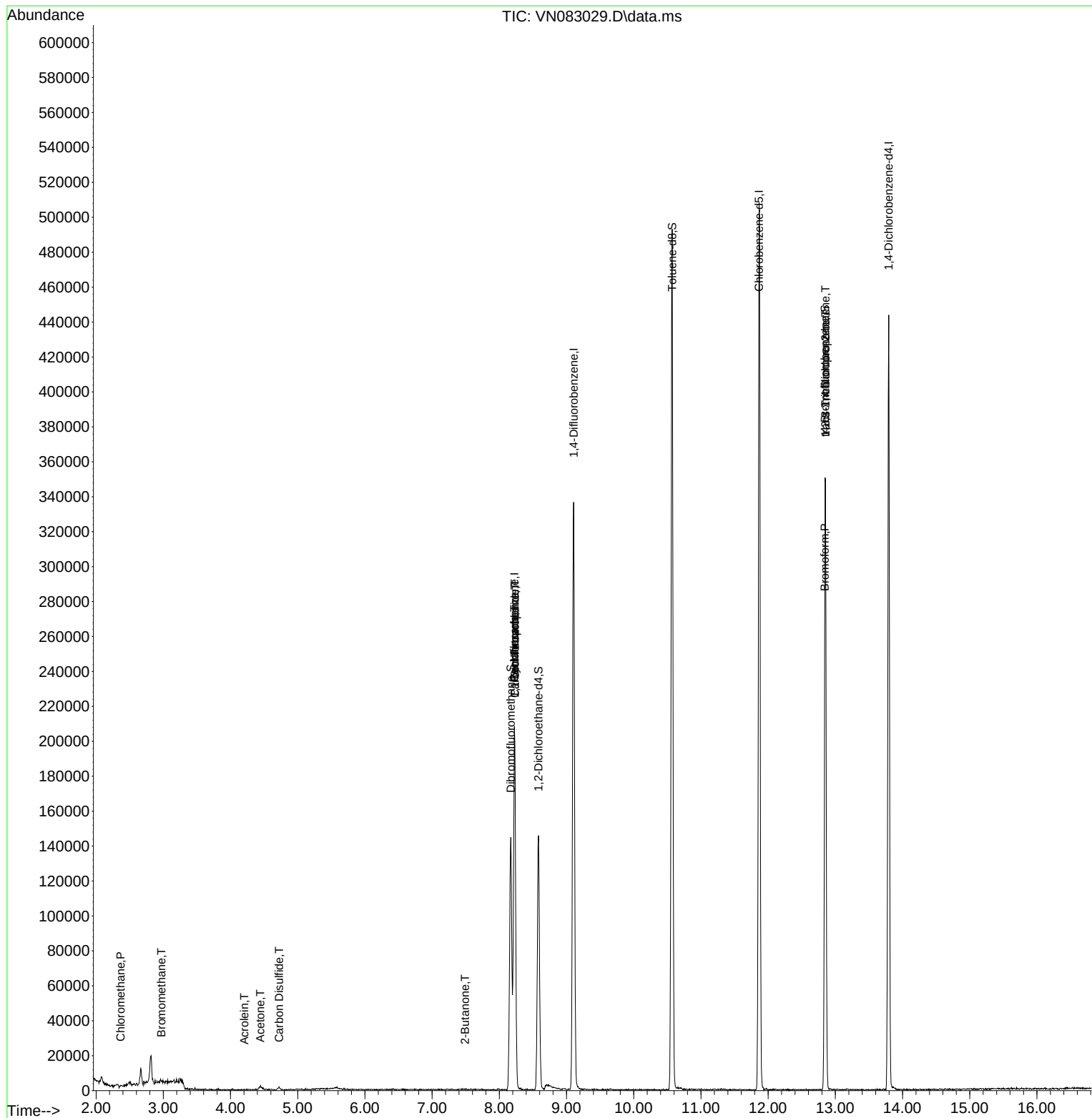
Internal Standards						
1) Pentafluorobenzene	8.224	168	141249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117725	59.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.920%	
35) Dibromofluoromethane	8.171	113	98222	53.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.760%	
50) Toluene-d8	10.571	98	332447	49.376	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.847	95	110032	45.495	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	825	0.476	ug/l #	43
5) Bromomethane	2.971	94	766	0.583	ug/l	82
13) Acrolein	4.206	56	60	0.250	ug/l #	14
16) Acetone	4.442	43	3694	5.299	ug/l	100
17) Carbon Disulfide	4.724	76	1745	0.405	ug/l #	75
25) 2-Butanone	7.489	43	366	0.348	ug/l #	53
31) Cyclohexane	8.224	56	4648	1.796	ug/l #	27
36) 1,1-Dichloropropene	8.230	75	13446	5.350	ug/l #	51
38) Carbon Tetrachloride	8.230	117	14908	4.926	ug/l #	18
43) Isopropyl Acetate	8.700	43	1656	Below Cal	#	60
71) Bromoform	12.841	173	409	0.236	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	63993	32.203	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63993	63.335	ug/l #	6

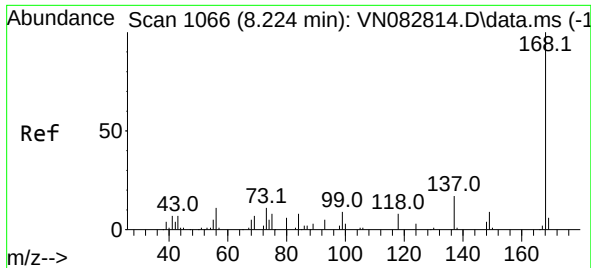
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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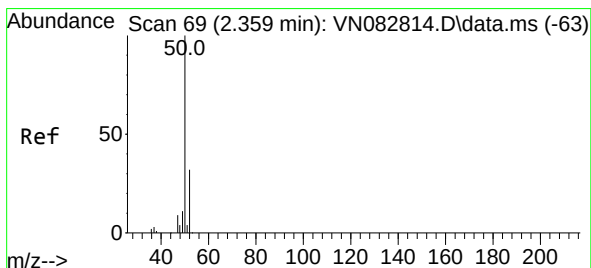
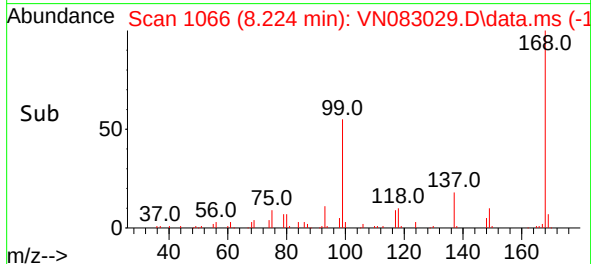
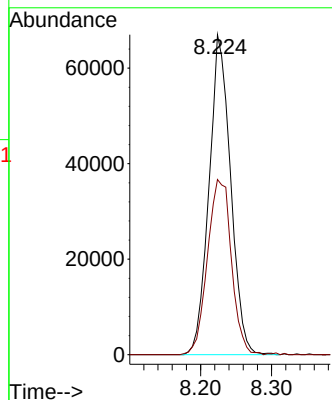
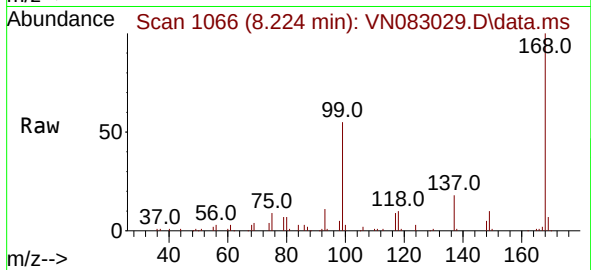




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

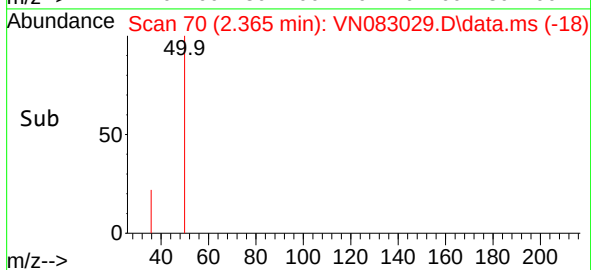
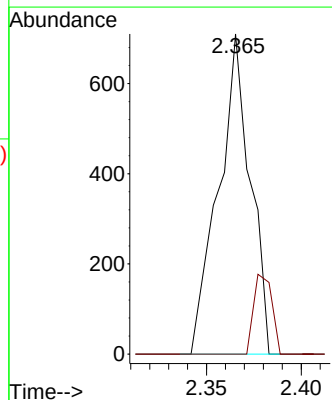
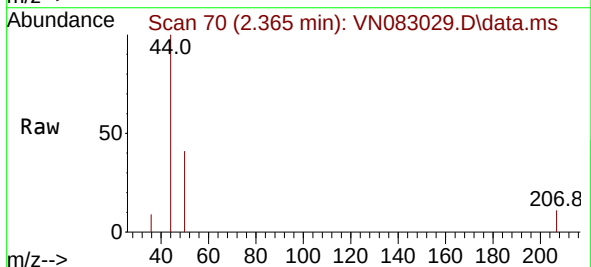
Instrument :
MSVOA_N
ClientSampleId :

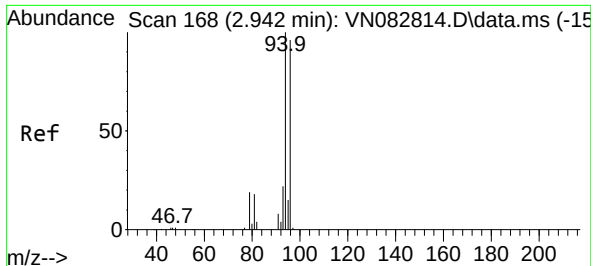
Tgt Ion:168 Resp: 141249
Ion Ratio Lower Upper
168 100
99 54.8 48.2 72.4



#3
Chloromethane
Concen: 0.476 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

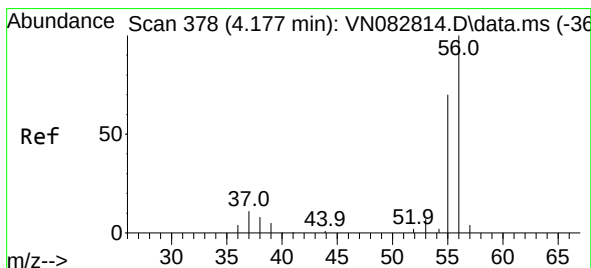
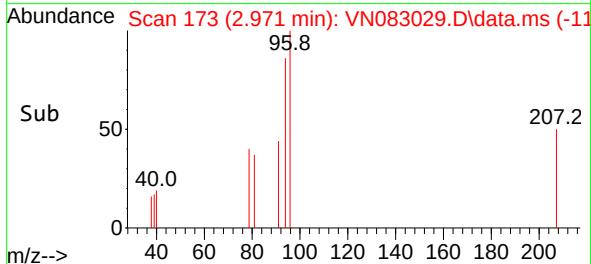
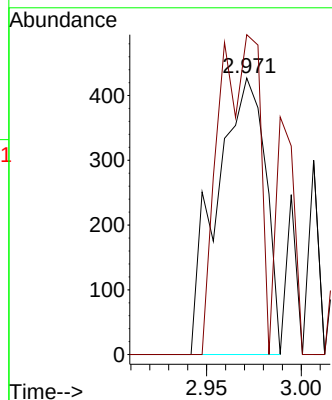
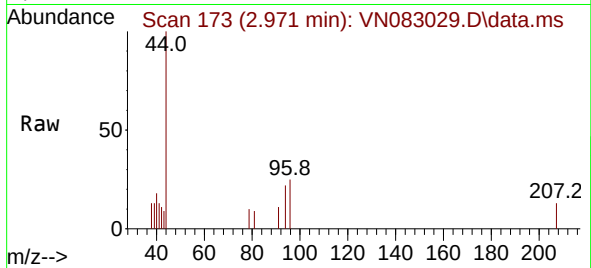




#5
Bromomethane
Concen: 0.583 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

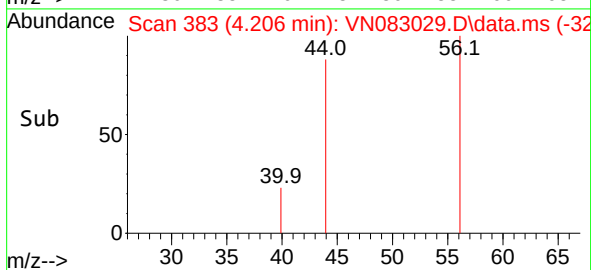
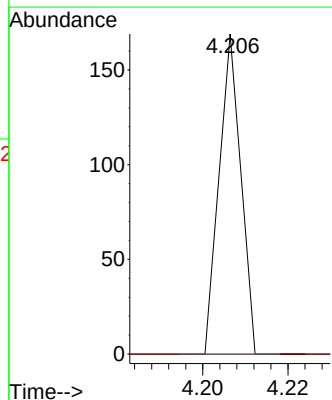
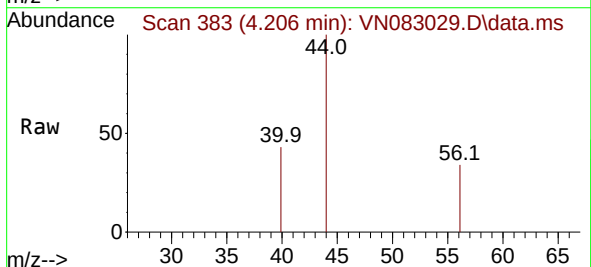
Instrument :
MSVOA_N
ClientSampleId :

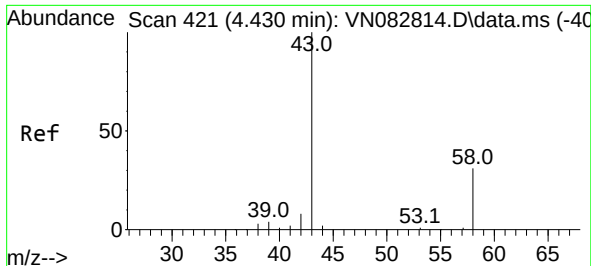
Tgt Ion: 94 Resp: 766
Ion Ratio Lower Upper
94 100
96 115.7 78.0 117.0



#13
Acrolein
Concen: 0.250 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.029 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

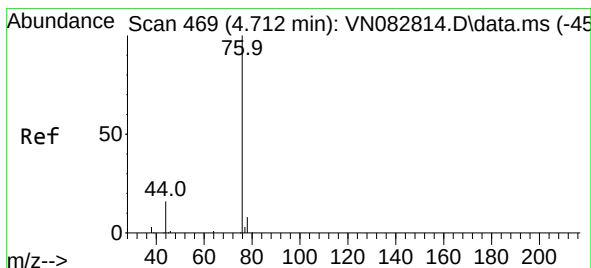
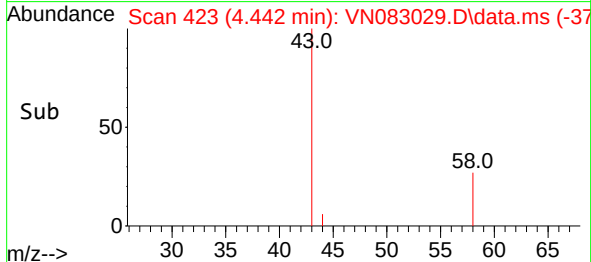
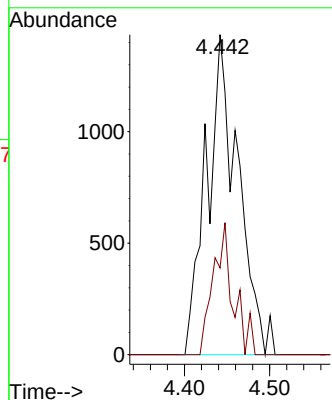
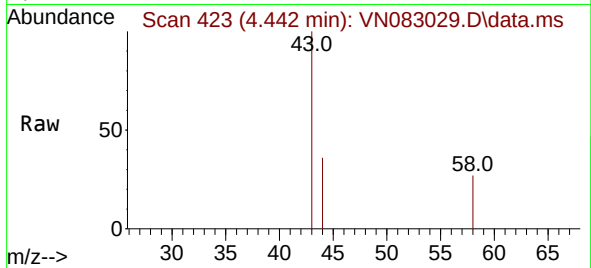




#16
Acetone
Concen: 5.299 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

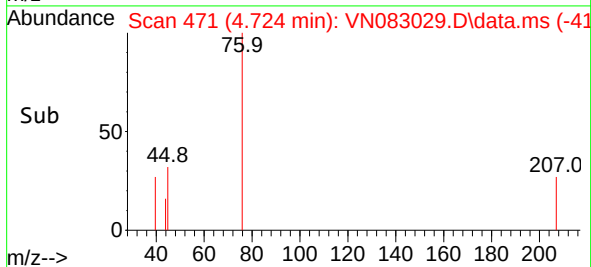
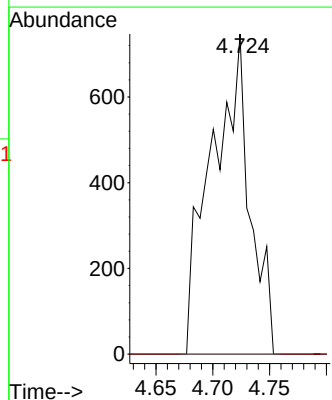
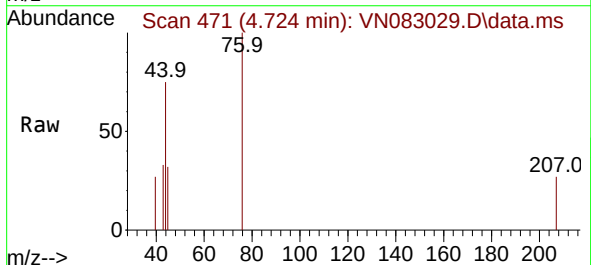
Instrument :
MSVOA_N
ClientSampleId :

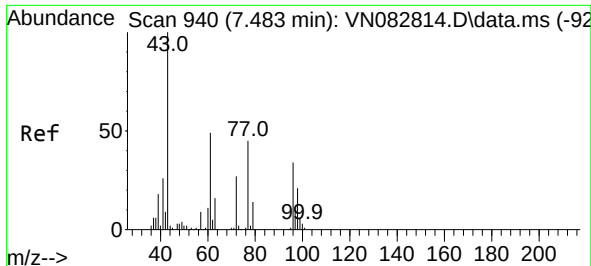
Tgt Ion: 43 Resp: 3694
Ion Ratio Lower Upper
43 100
58 27.1 21.8 32.6



#17
Carbon Disulfide
Concen: 0.405 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

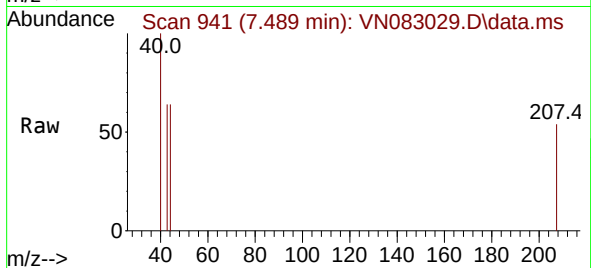
Tgt Ion: 76 Resp: 1745
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



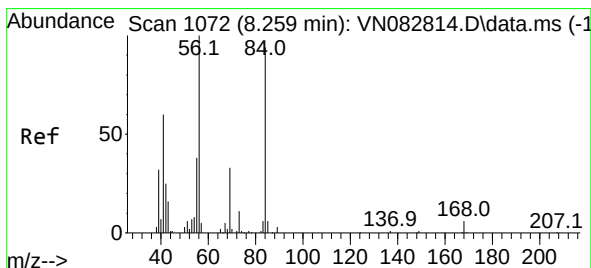
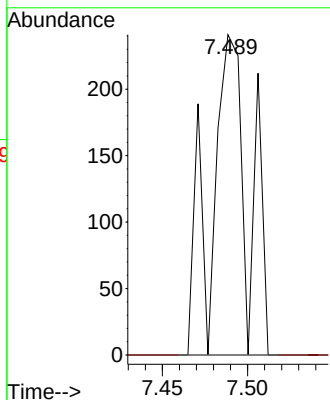
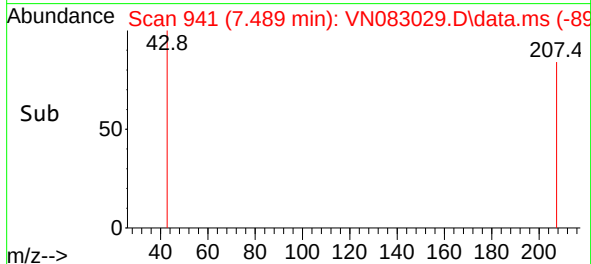


#25
2-Butanone
Concen: 0.348 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

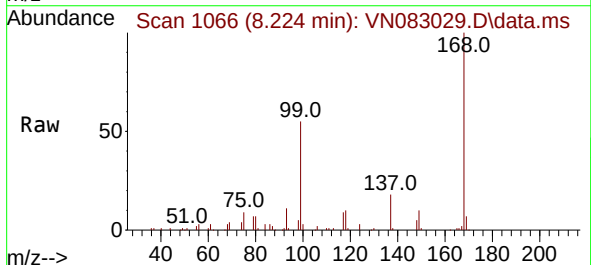
Instrument :
MSVOA_N
ClientSampleId :



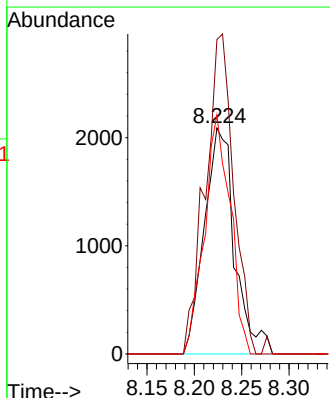
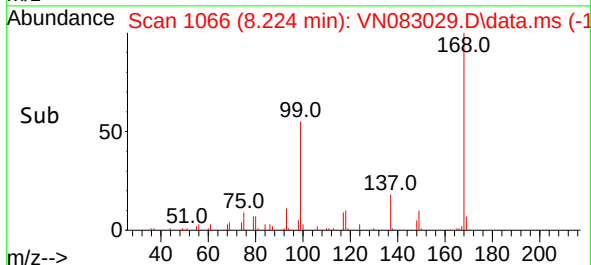
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#

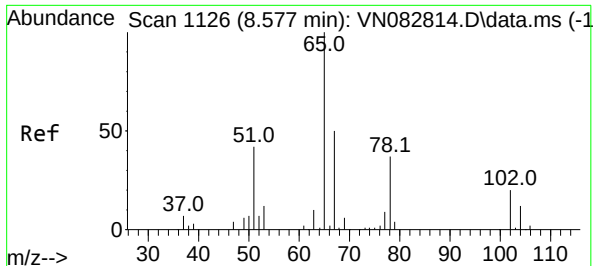


#31
Cyclohexane
Concen: 1.796 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18



Tgt Ion: 56 Resp: 4648
Ion Ratio Lower Upper
56 100
69 139.2 24.5 36.7#
84 105.7 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.456 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083029.D

Acq: 24 Jul 2024 15:18

Instrument :

MSVOA_N

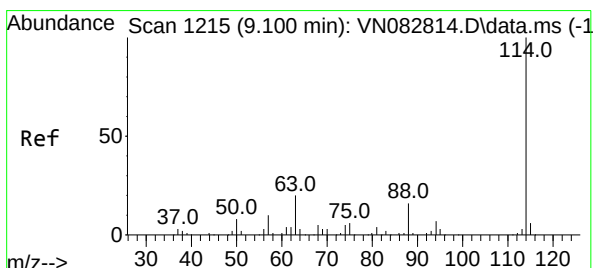
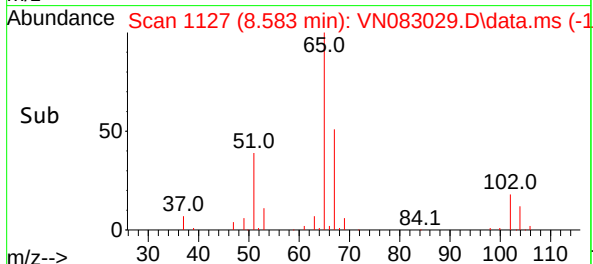
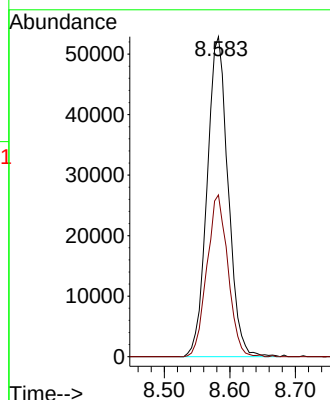
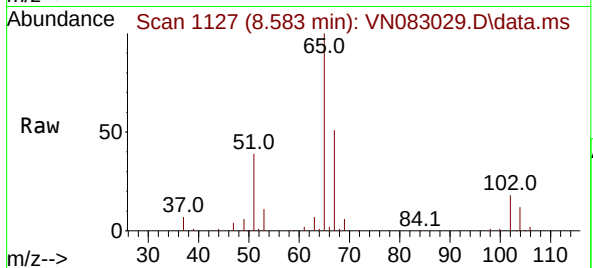
ClientSampleId :

Tgt Ion: 65 Resp: 117725

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN083029.D

Acq: 24 Jul 2024 15:18

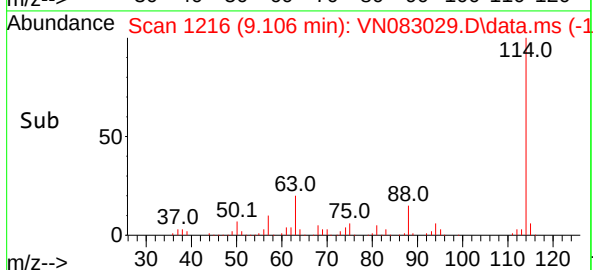
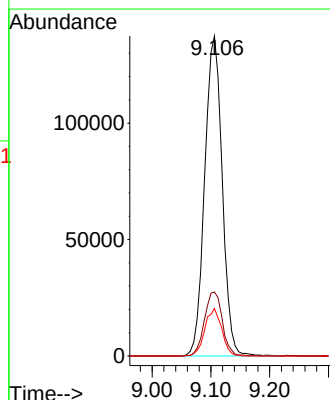
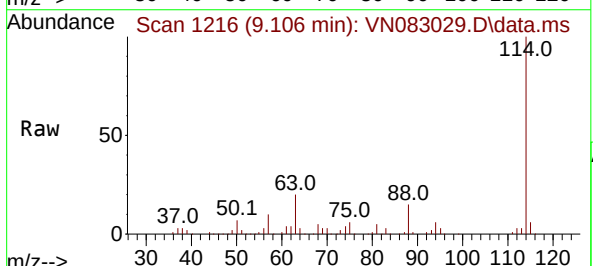
Tgt Ion: 114 Resp: 284089

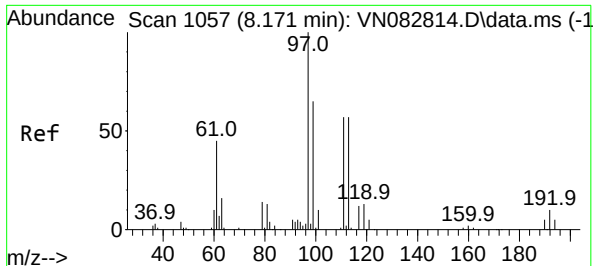
Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.6

88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.881 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083029.D

Acq: 24 Jul 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

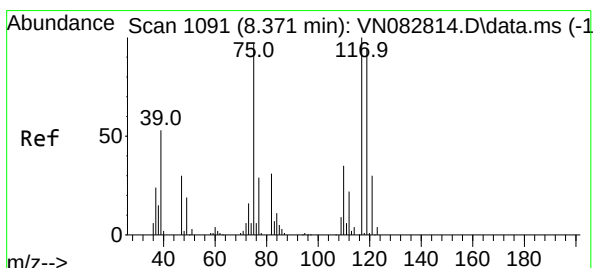
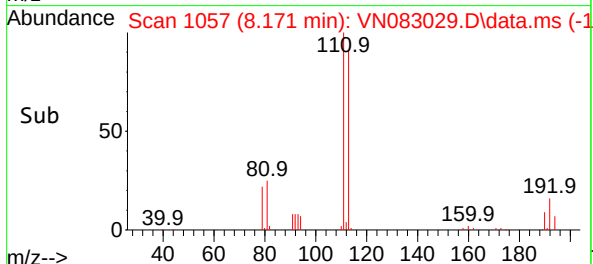
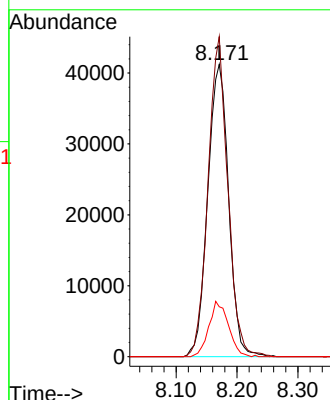
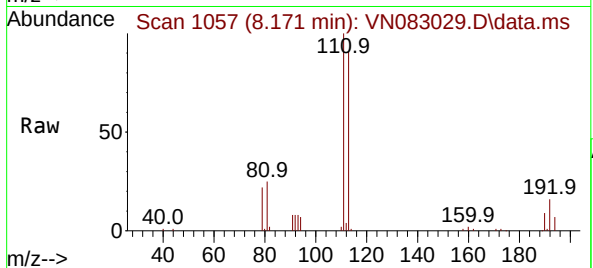
Tgt Ion:113 Resp: 98222

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.350 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083029.D

Acq: 24 Jul 2024 15:18

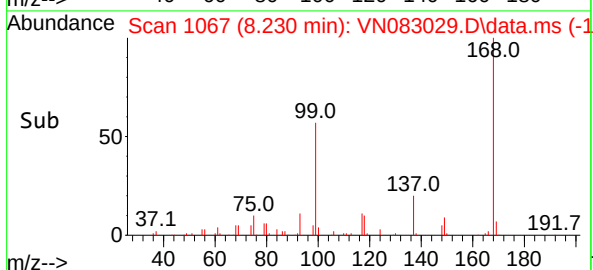
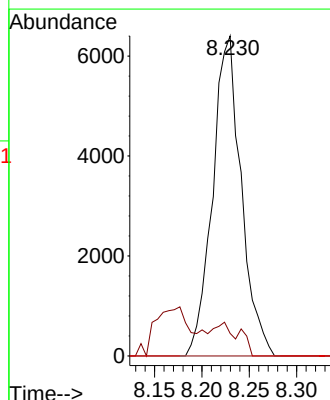
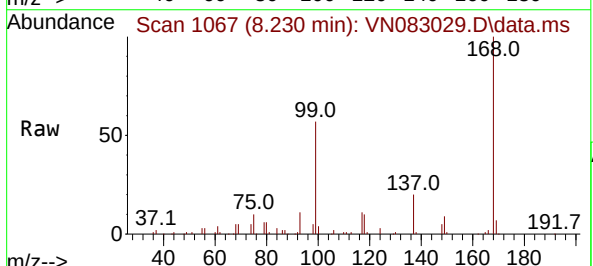
Tgt Ion: 75 Resp: 13446

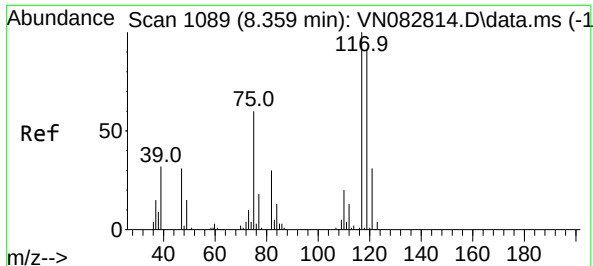
Ion Ratio Lower Upper

75 100

110 9.3 16.3 48.9#

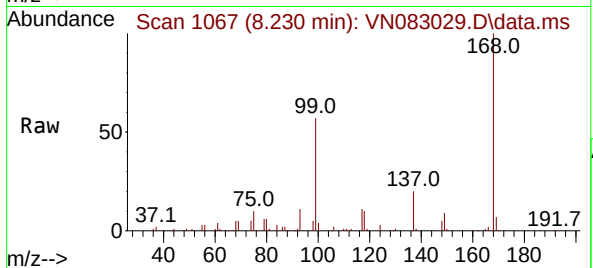
77 0.0 24.6 37.0#



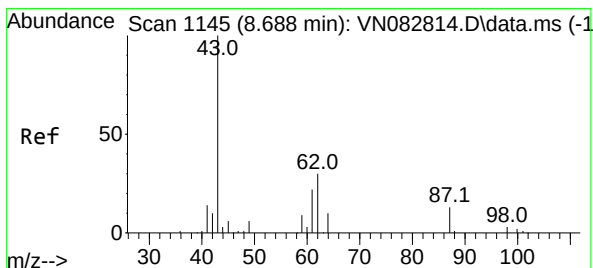
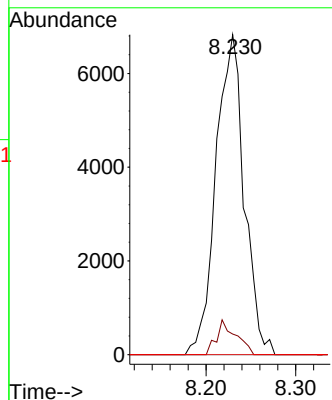
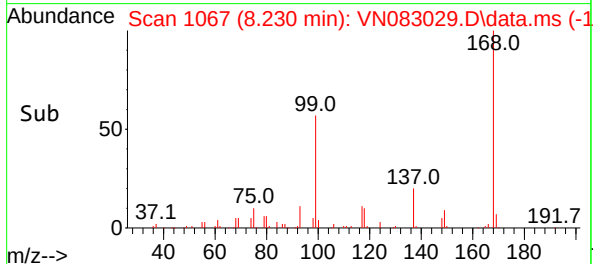


#38
Carbon Tetrachloride
Concen: 4.926 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

Instrument :
MSVOA_N
ClientSampleId :

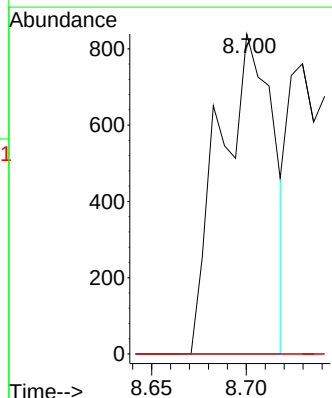
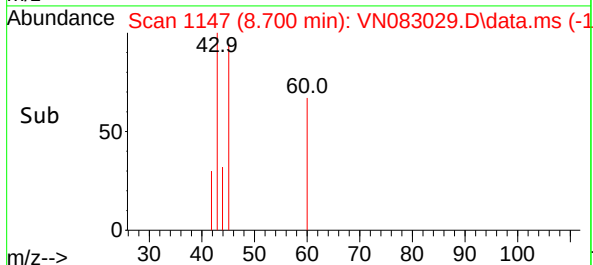
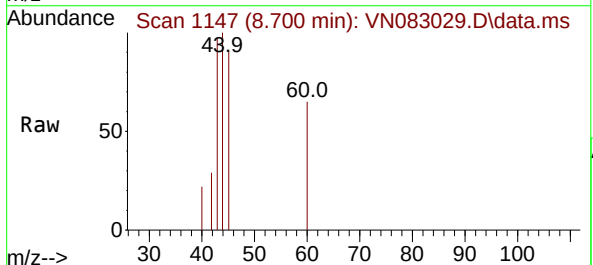


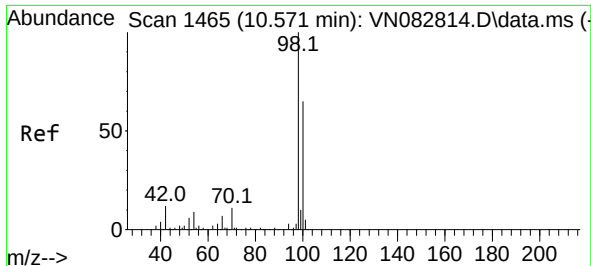
Tgt Ion:117 Resp: 14908
Ion Ratio Lower Upper
117 100
119 6.4 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

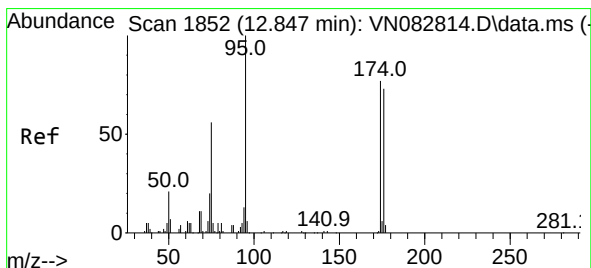
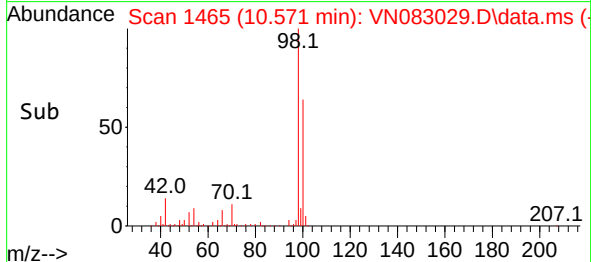
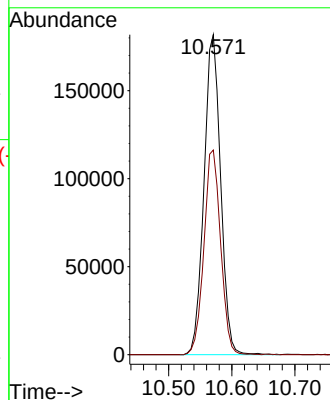
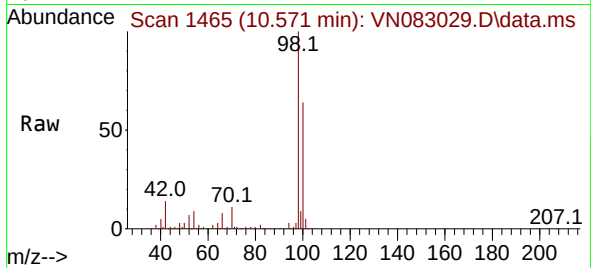




#50
Toluene-d8
Concen: 49.376 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

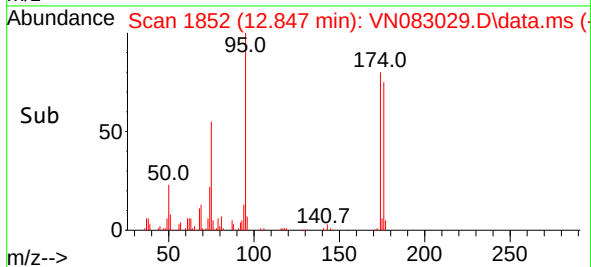
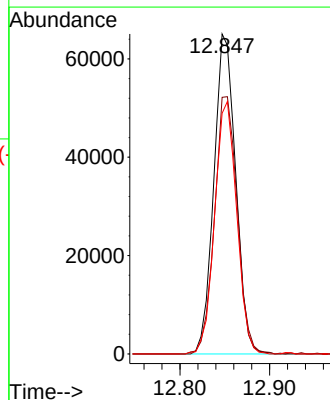
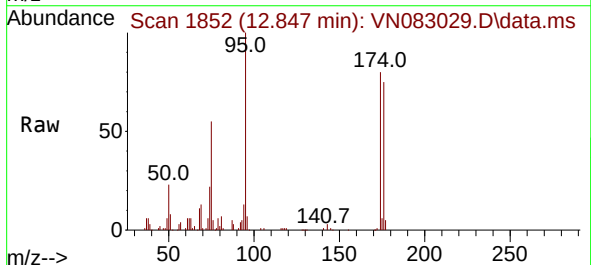
Instrument :
MSVOA_N
ClientSampleId :

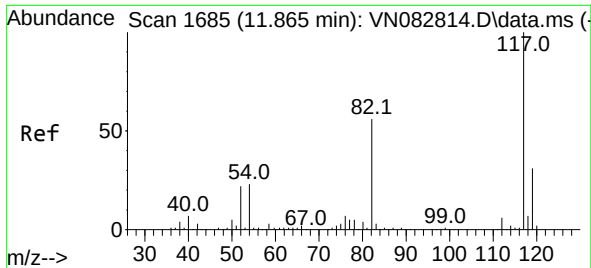
Tgt Ion: 98 Resp: 332447
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.495 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

Tgt Ion: 95 Resp: 110032
Ion Ratio Lower Upper
95 100
174 83.7 0.0 159.2
176 79.6 0.0 147.6

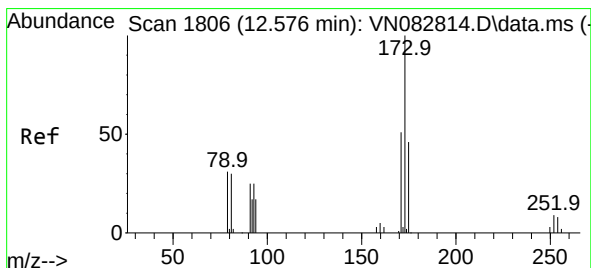
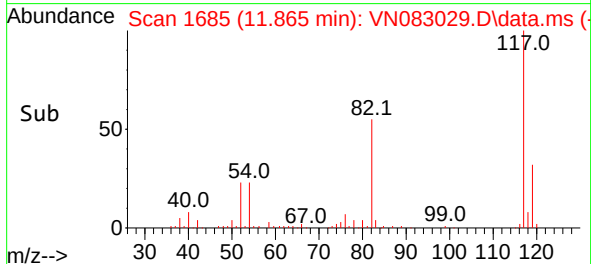
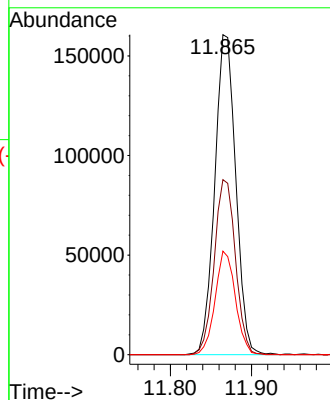
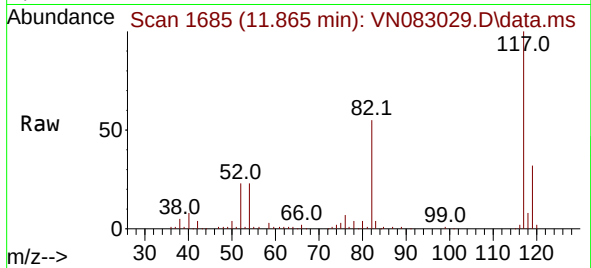




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

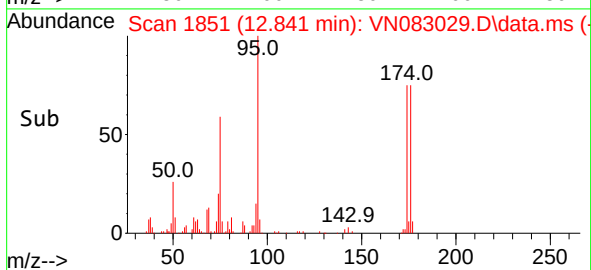
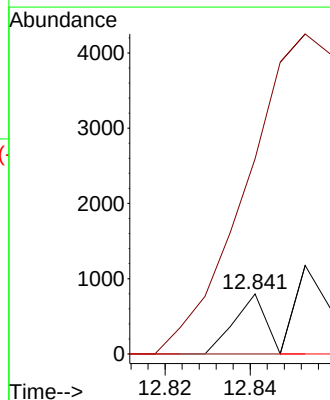
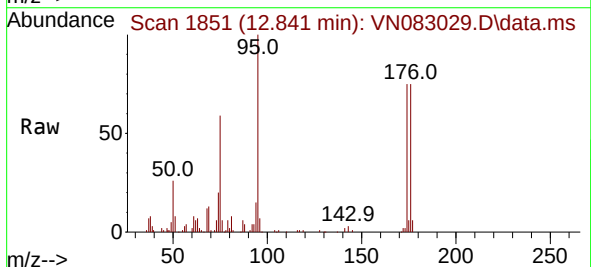
Instrument :
MSVOA_N
ClientSampleId :

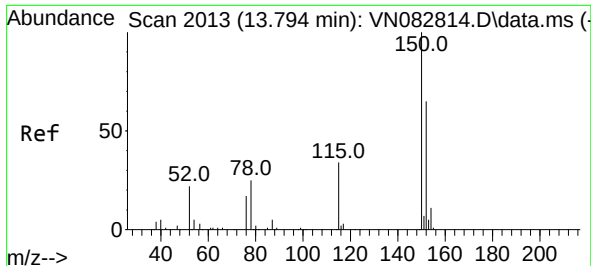
Tgt Ion:117 Resp: 289464
Ion Ratio Lower Upper
117 100
82 54.7 47.5 71.3
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.236 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

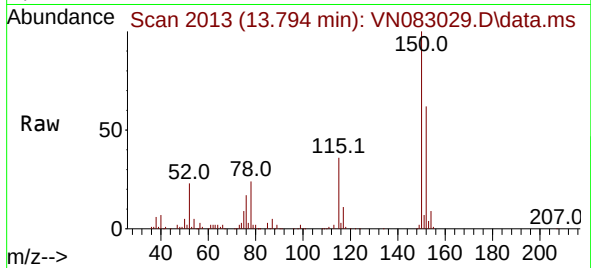
Tgt Ion:173 Resp: 409
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



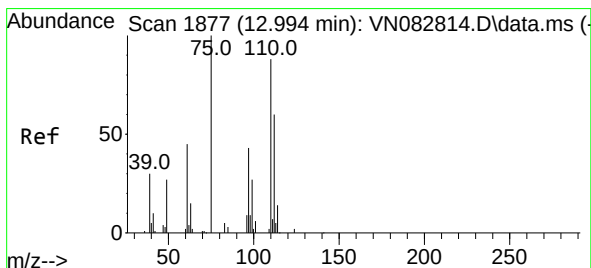
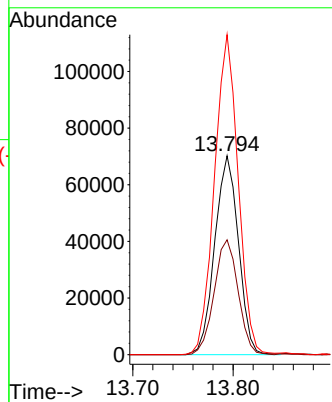
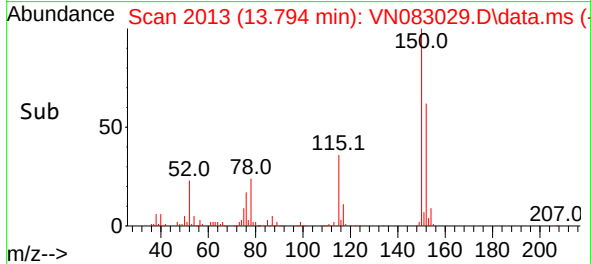


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083029.D
 Acq: 24 Jul 2024 15:18

Instrument :
 MSVOA_N
 ClientSampleId :

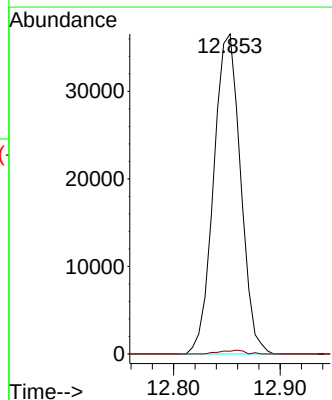
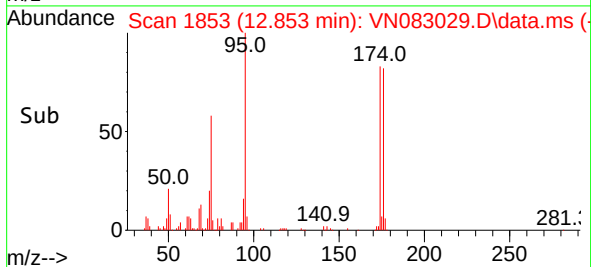
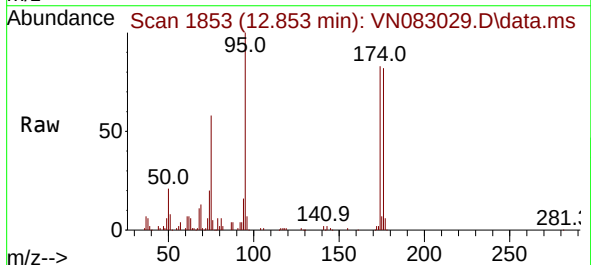


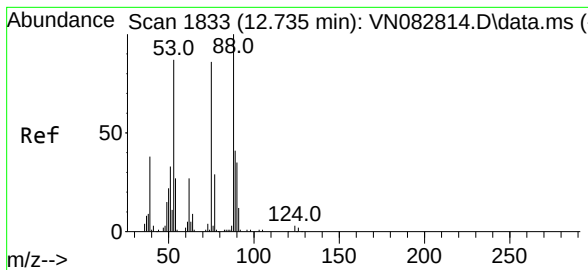
Tgt Ion:152 Resp: 115260
 Ion Ratio Lower Upper
 152 100
 115 58.4 30.6 91.6
 150 161.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 32.203 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083029.D
 Acq: 24 Jul 2024 15:18

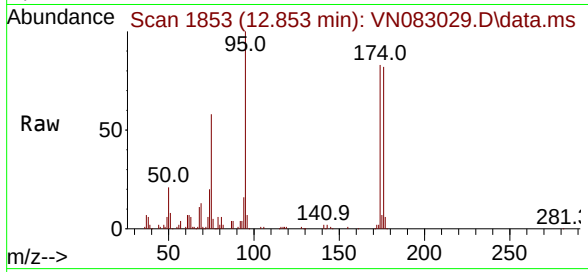
Tgt Ion: 75 Resp: 63993
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.335 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083029.D
Acq: 24 Jul 2024 15:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.4	132.6#
89	0.0	36.3	54.5#

