

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080281.D
 Acq On : 27 Nov 2023 17:35
 Operator : JC\MD
 Sample : 05543-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:10:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

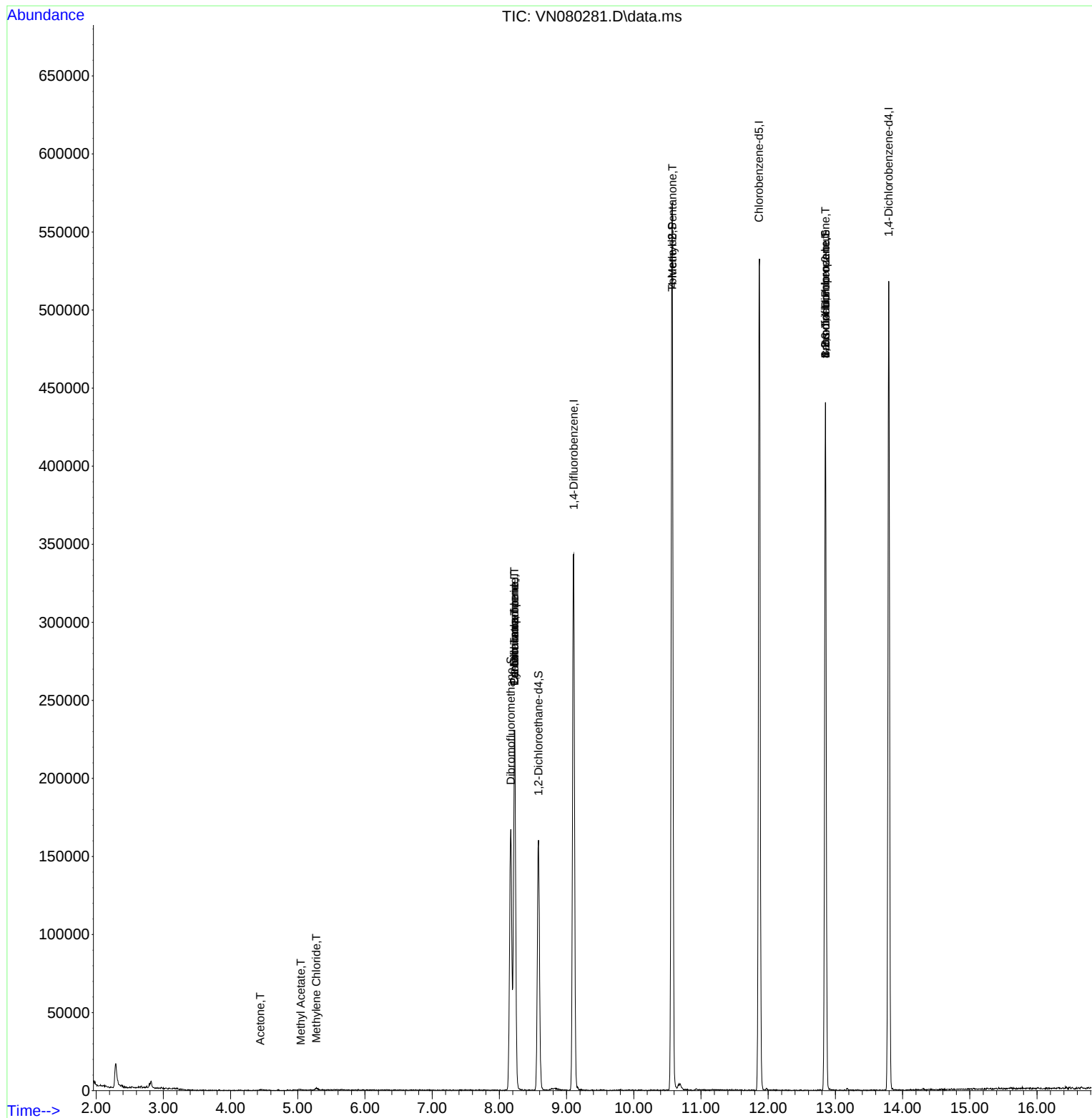
Internal Standards						
1) Pentafluorobenzene	8.224	168	164229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146866	54.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.320%	
35) Dibromofluoromethane	8.171	113	116372	53.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.520%	
50) Toluene-d8	10.571	98	394971	50.621	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.853	95	150373	51.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.142	64	615	Below Cal	#	43
16) Acetone	4.442	43	557	0.612	ug/l #	40
18) Methyl Acetate	5.047	43	1307	0.447	ug/l #	42
20) Methylene Chloride	5.277	84	1059	0.555	ug/l #	69
31) Cyclohexane	8.224	56	3749	1.271	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	13964	4.456	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19057	4.792	ug/l #	15
51) 4-Methyl-2-Pentanone	10.576	43	1785	0.815	ug/l #	1
71) Bromoform	12.853	173	1005	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	84226	25.102	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	84226	84.808	ug/l #	15

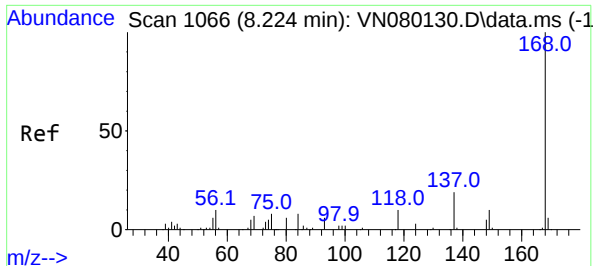
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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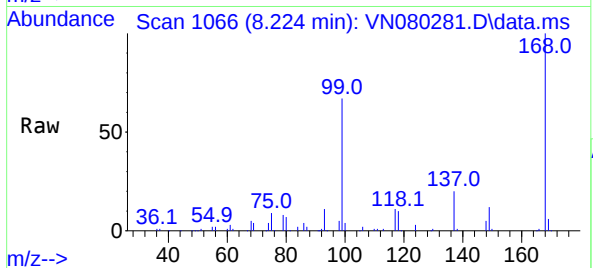
Quant Time: Nov 28 02:10:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



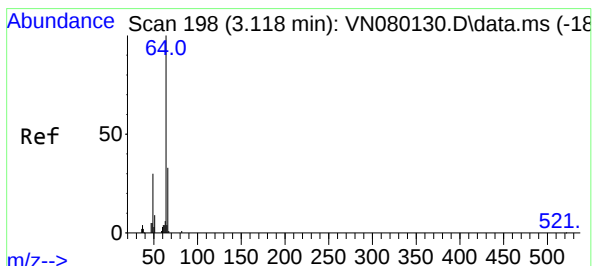
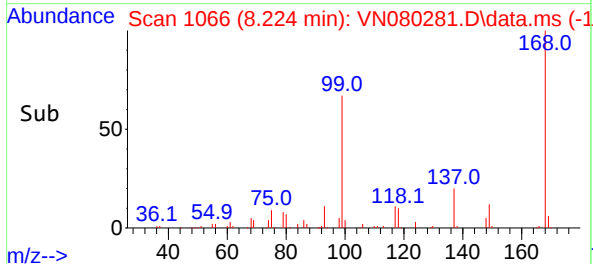
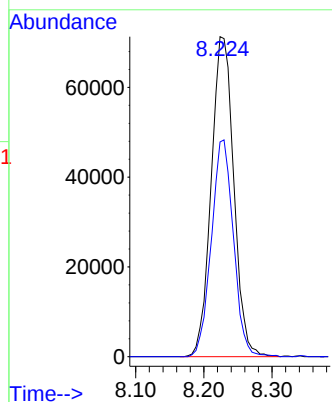


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

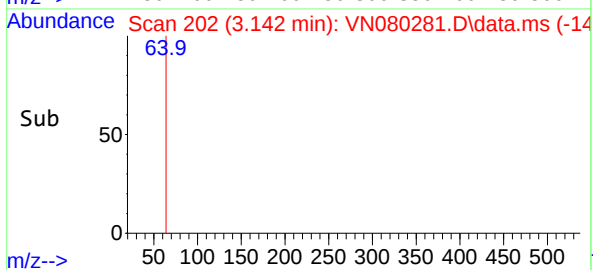
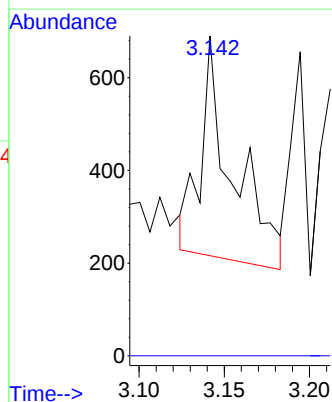
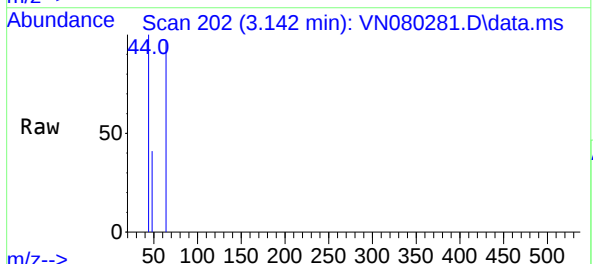


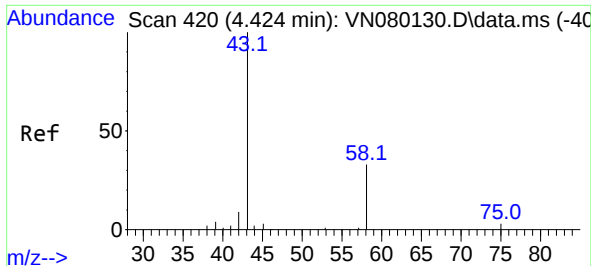
Tgt Ion:168 Resp: 164229
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion: 64 Resp: 615
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

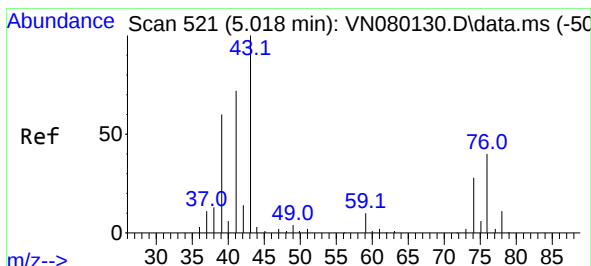
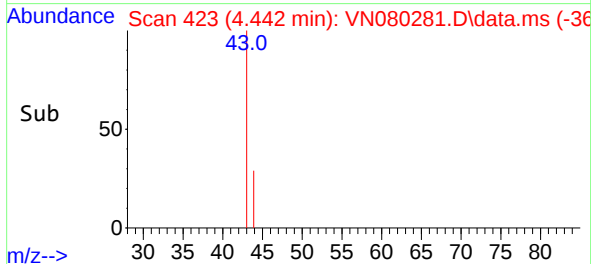
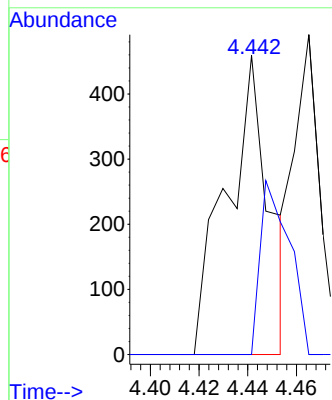
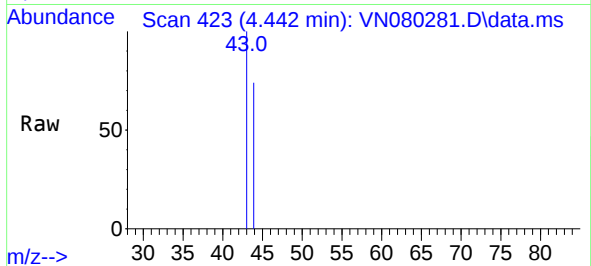




#16
Acetone
Concen: 0.612 ug/l
RT: 4.442 min Scan# 431
Delta R.T. 0.018 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

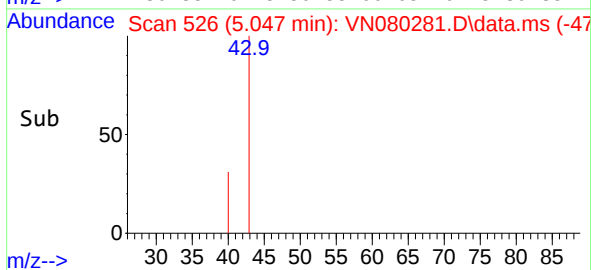
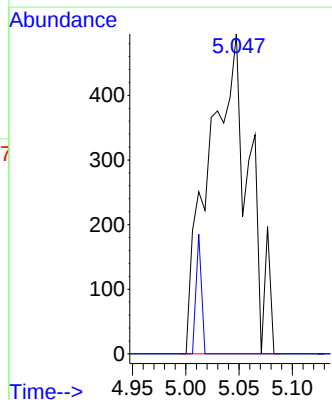
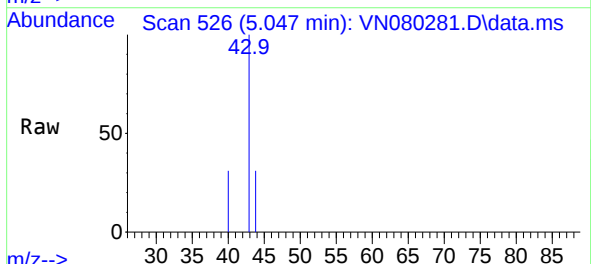
Instrument :
MSVOA_N
ClientSampleId :

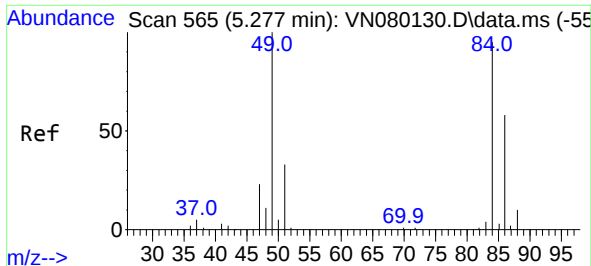
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

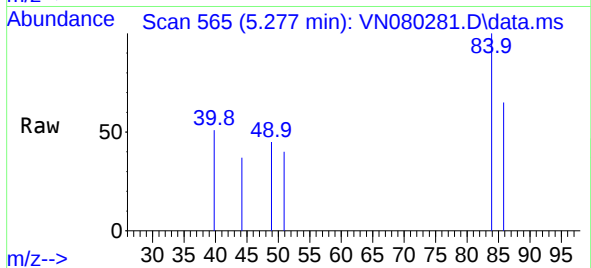
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#





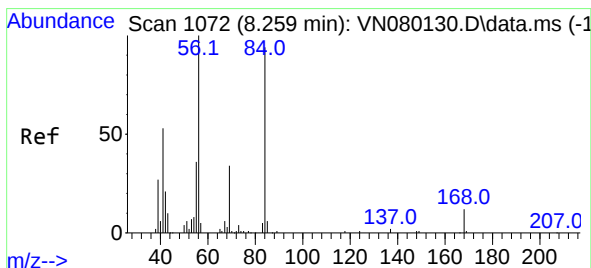
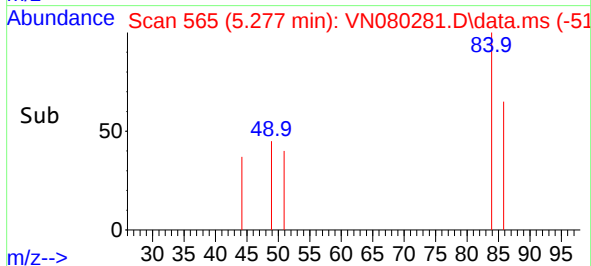
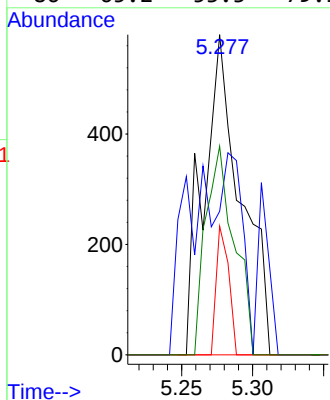
#20
Methylene Chloride
Concen: 0.555 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1059

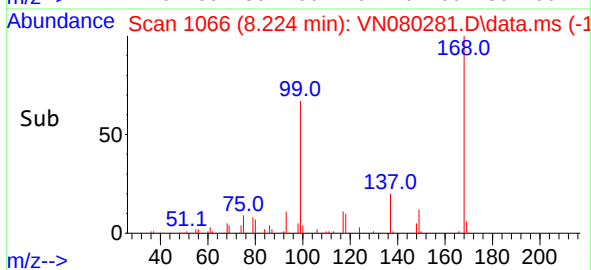
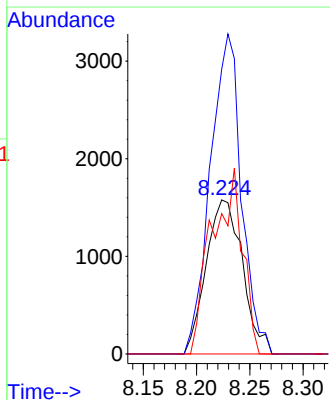
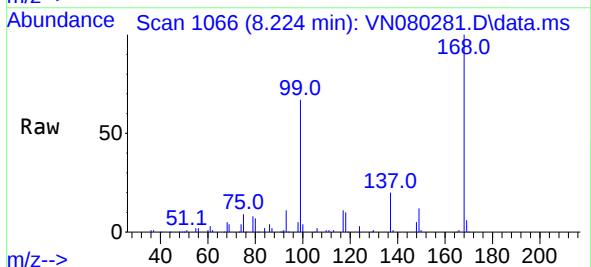
Ion	Ratio	Lower	Upper
84	100		
49	44.8	79.7	119.5#
51	40.2	25.2	37.8#
86	65.2	53.3	79.9

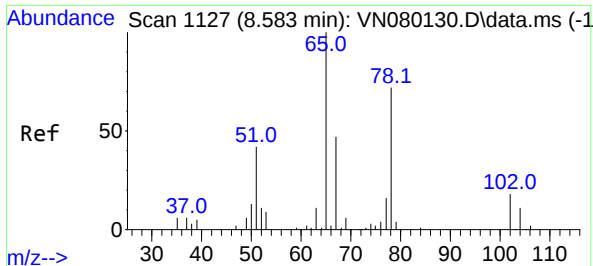


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion: 56 Resp: 3749

Ion	Ratio	Lower	Upper
56	100		
69	184.9	26.8	40.2#
84	91.1	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 54.161 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080281.D

Acq: 27 Nov 2023 17:35

Instrument :

MSVOA_N

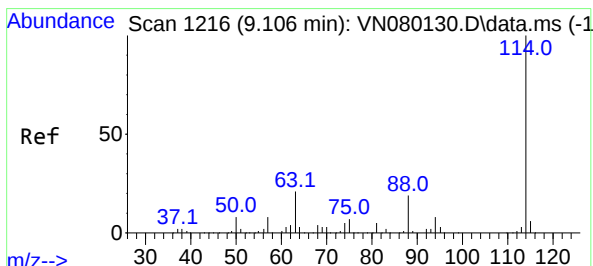
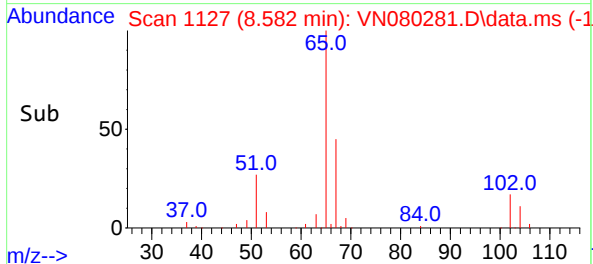
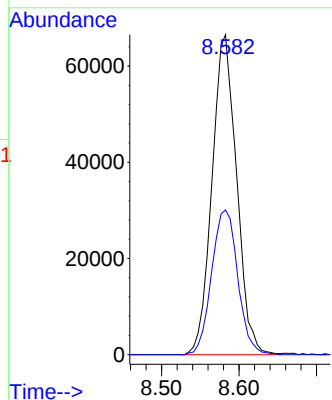
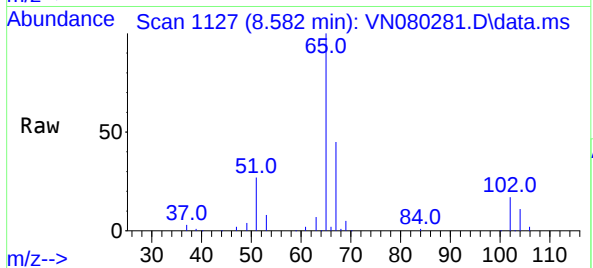
ClientSampleId :

Tgt Ion: 65 Resp: 146866

Ion Ratio Lower Upper

65 100

67 48.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080281.D

Acq: 27 Nov 2023 17:35

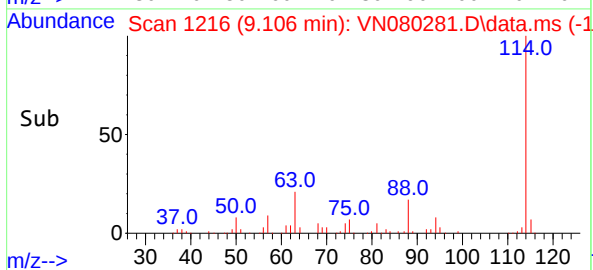
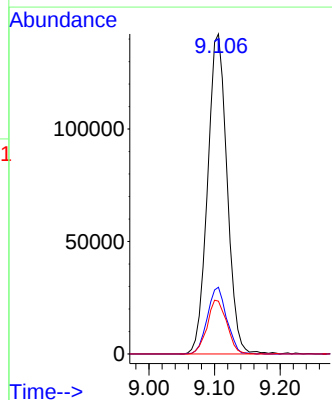
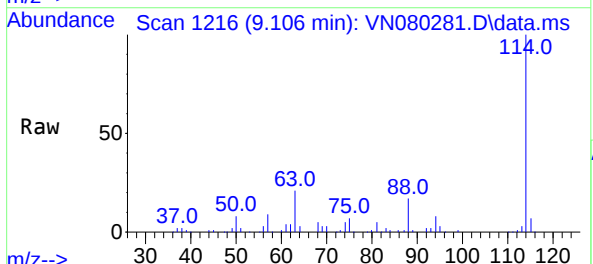
Tgt Ion: 114 Resp: 293344

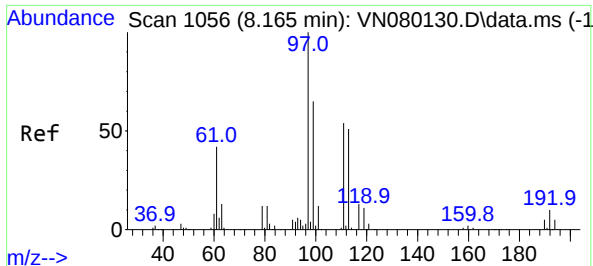
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

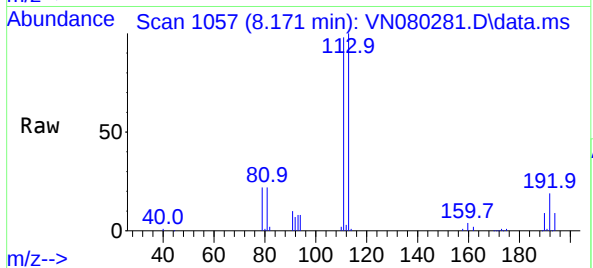
88 16.5 0.0 30.6



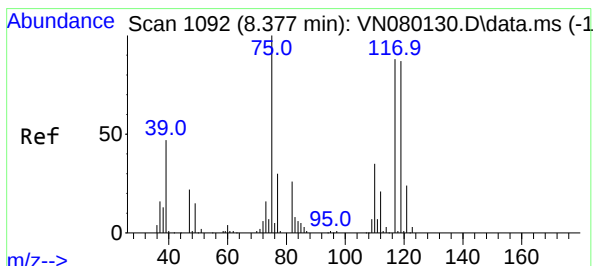
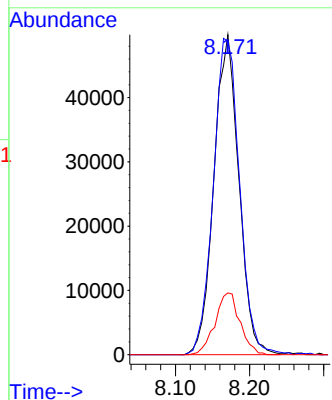
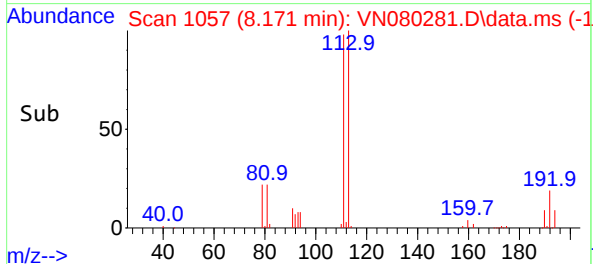


#35
Dibromofluoromethane
Concen: 53.764 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

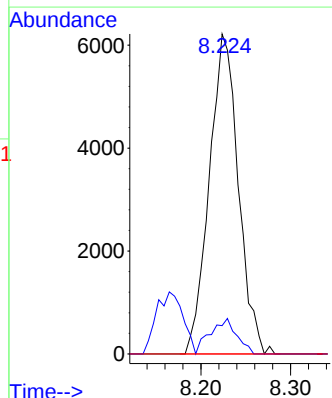
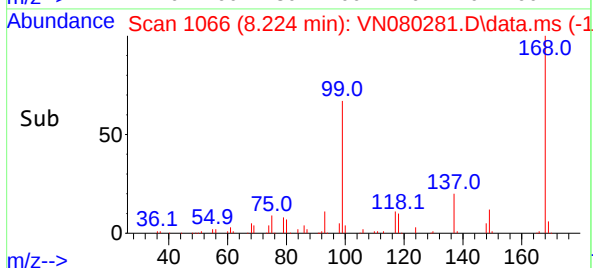
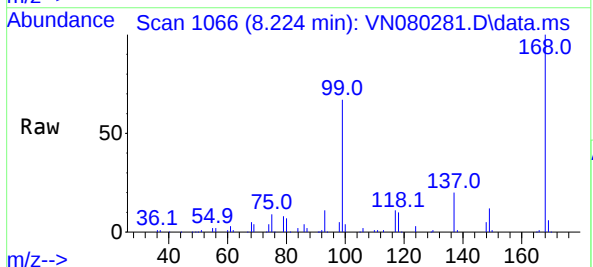


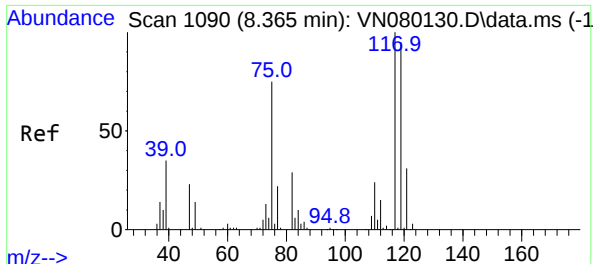
Tgt Ion:113 Resp: 116372
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

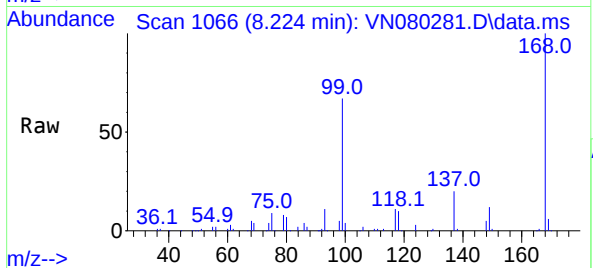
Tgt Ion: 75 Resp: 13964
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#



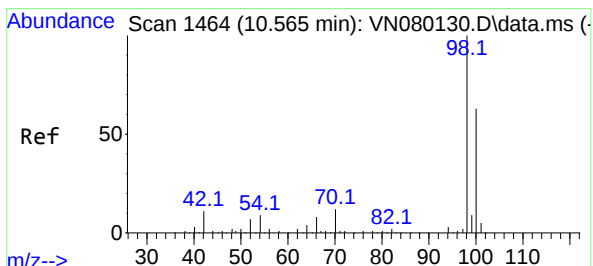
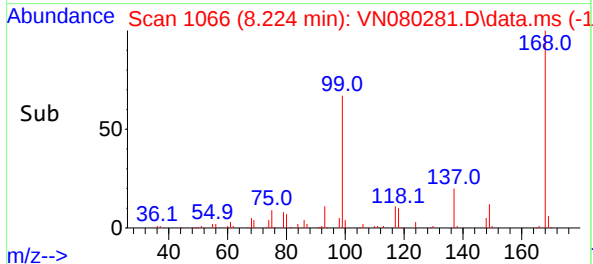
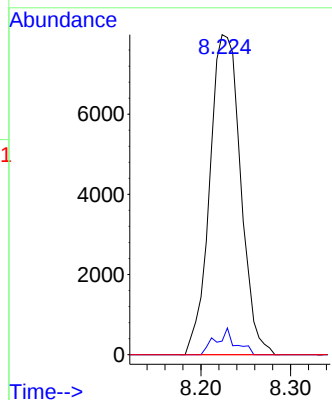


#38
Carbon Tetrachloride
Concen: 4.792 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :

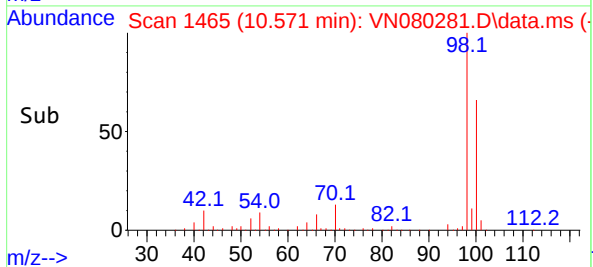
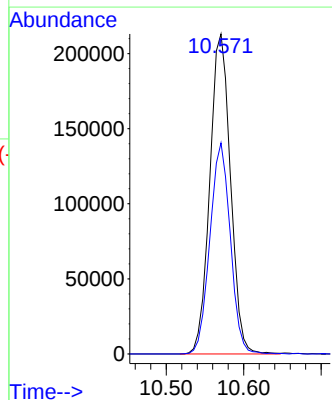
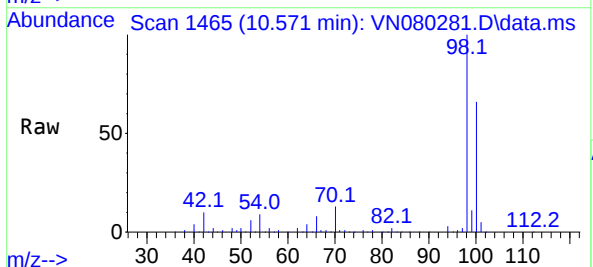


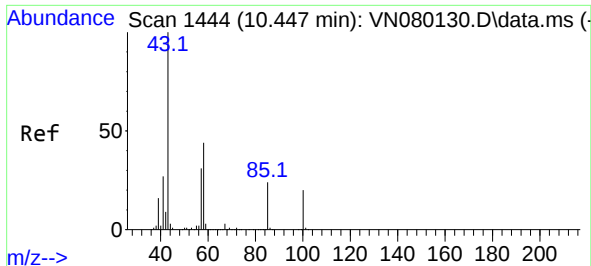
Tgt Ion:117 Resp: 19057
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 50.621 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion: 98 Resp: 394971
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

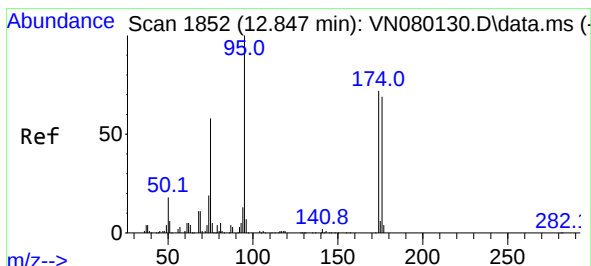
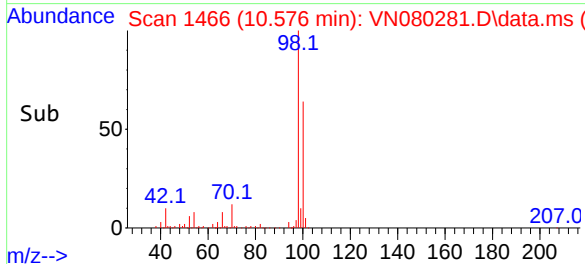
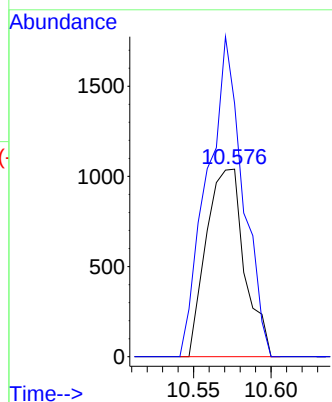
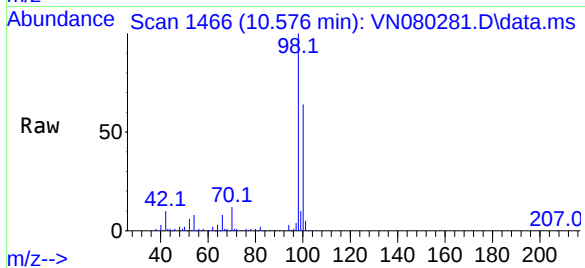




#51
4-Methyl-2-Pentanone
Concen: 0.815 ug/l
RT: 10.576 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

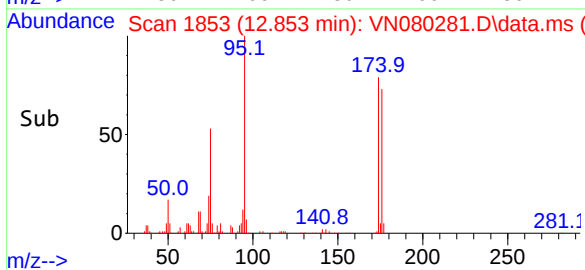
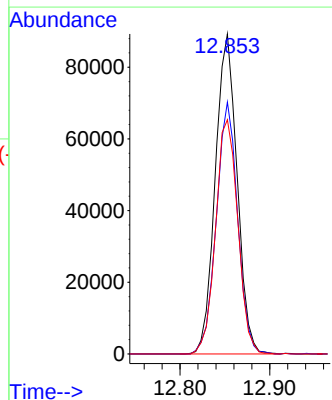
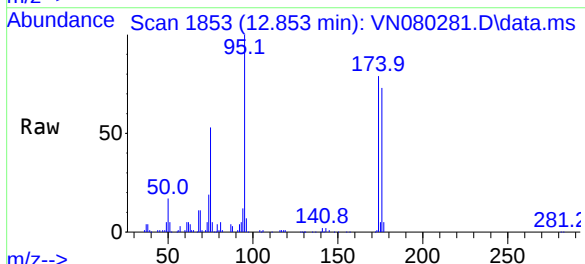
Instrument :
MSVOA_N
ClientSampleId :

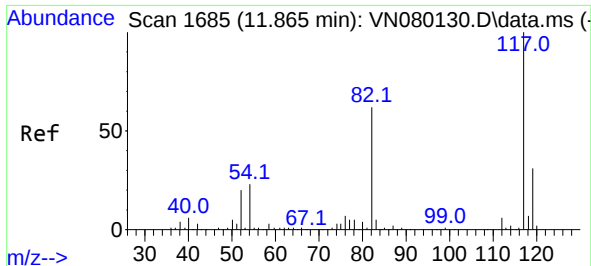
Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
58 159.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.023 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion: 95 Resp: 150373
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 74.7 0.0 135.8

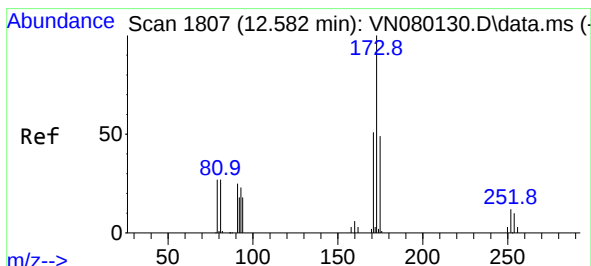
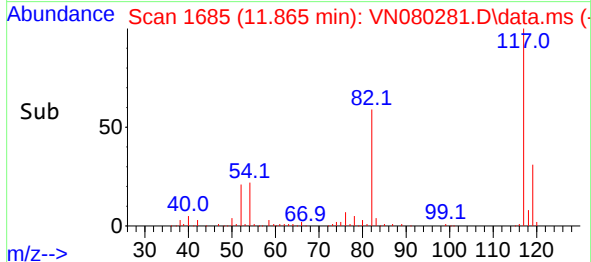
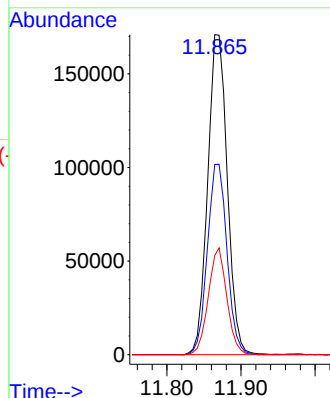
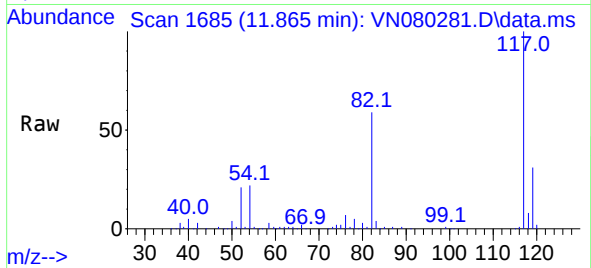




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

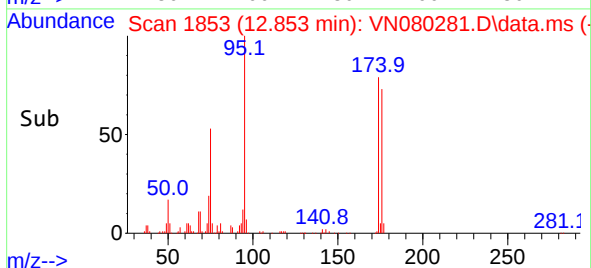
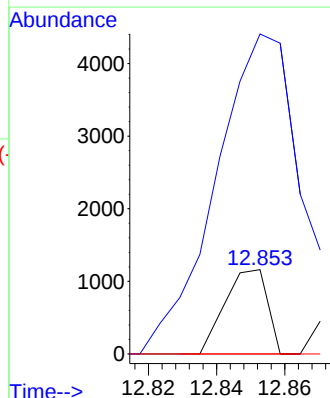
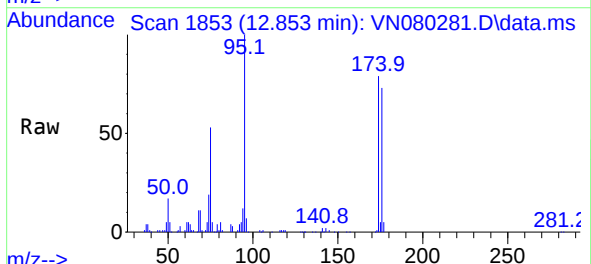
Instrument :
MSVOA_N
ClientSampleId :

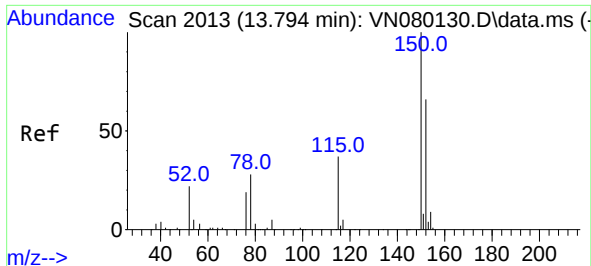
Tgt Ion:117 Resp: 314313
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.0 25.6 38.4



#71
Bromoform
Concen: 0.490 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

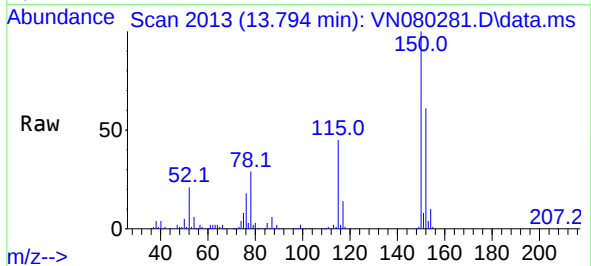
Tgt Ion:173 Resp: 1005
Ion Ratio Lower Upper
173 100
175 622.8 24.3 73.0#
254 0.0 0.0 0.0



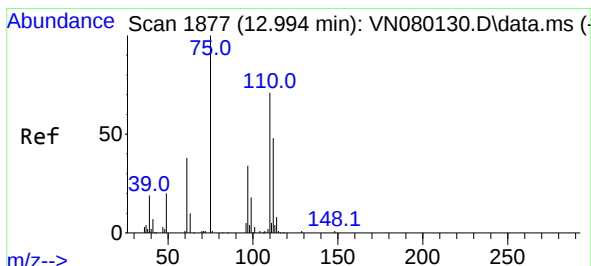
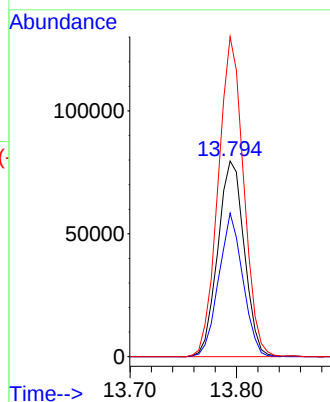
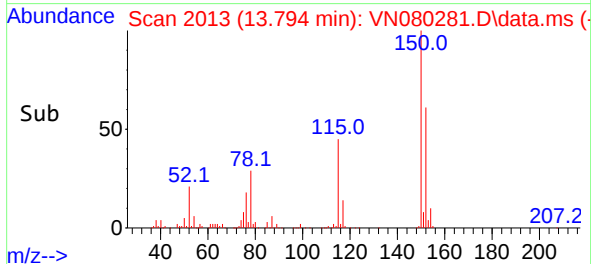


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080281.D
 Acq: 27 Nov 2023 17:35

Instrument :
 MSVOA_N
 ClientSampleId :

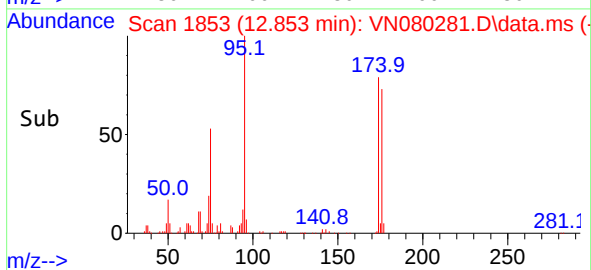
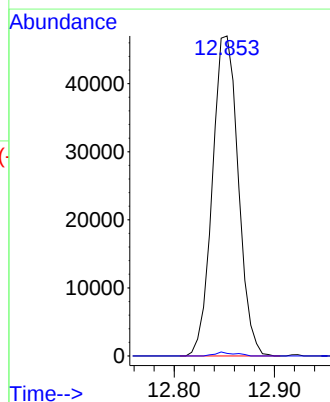
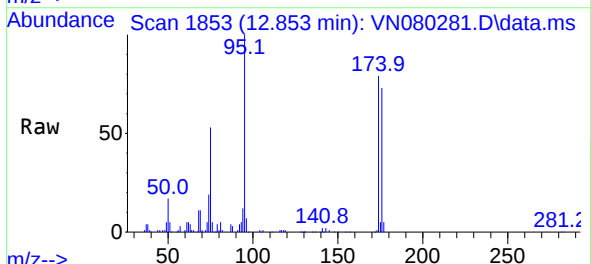


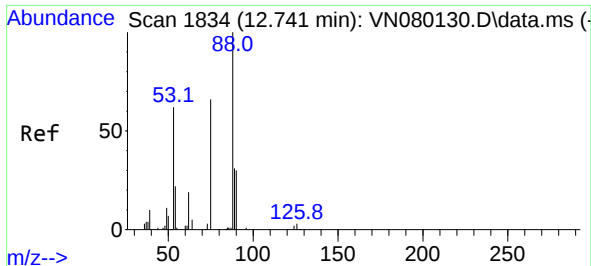
Tgt Ion:152 Resp: 136946
 Ion Ratio Lower Upper
 152 100
 115 67.0 32.3 96.8
 150 157.6 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.102 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080281.D
 Acq: 27 Nov 2023 17:35

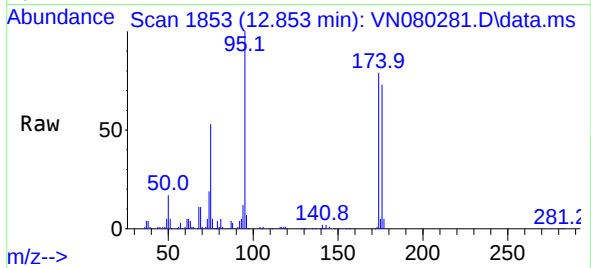
Tgt Ion: 75 Resp: 84226
 Ion Ratio Lower Upper
 75 100
 77 0.9 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.808 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080281.D
 Acq: 27 Nov 2023 17:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 84226
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

