

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075819.D
 Acq On : 15 Dec 2022 15:47
 Operator : JC\MD
 Sample : N6004-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 03:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	356353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	181571	46.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.680%
35) Dibromofluoromethane	8.177	113	163658	47.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	10.571	98	631327	49.290	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.853	95	189394	44.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%

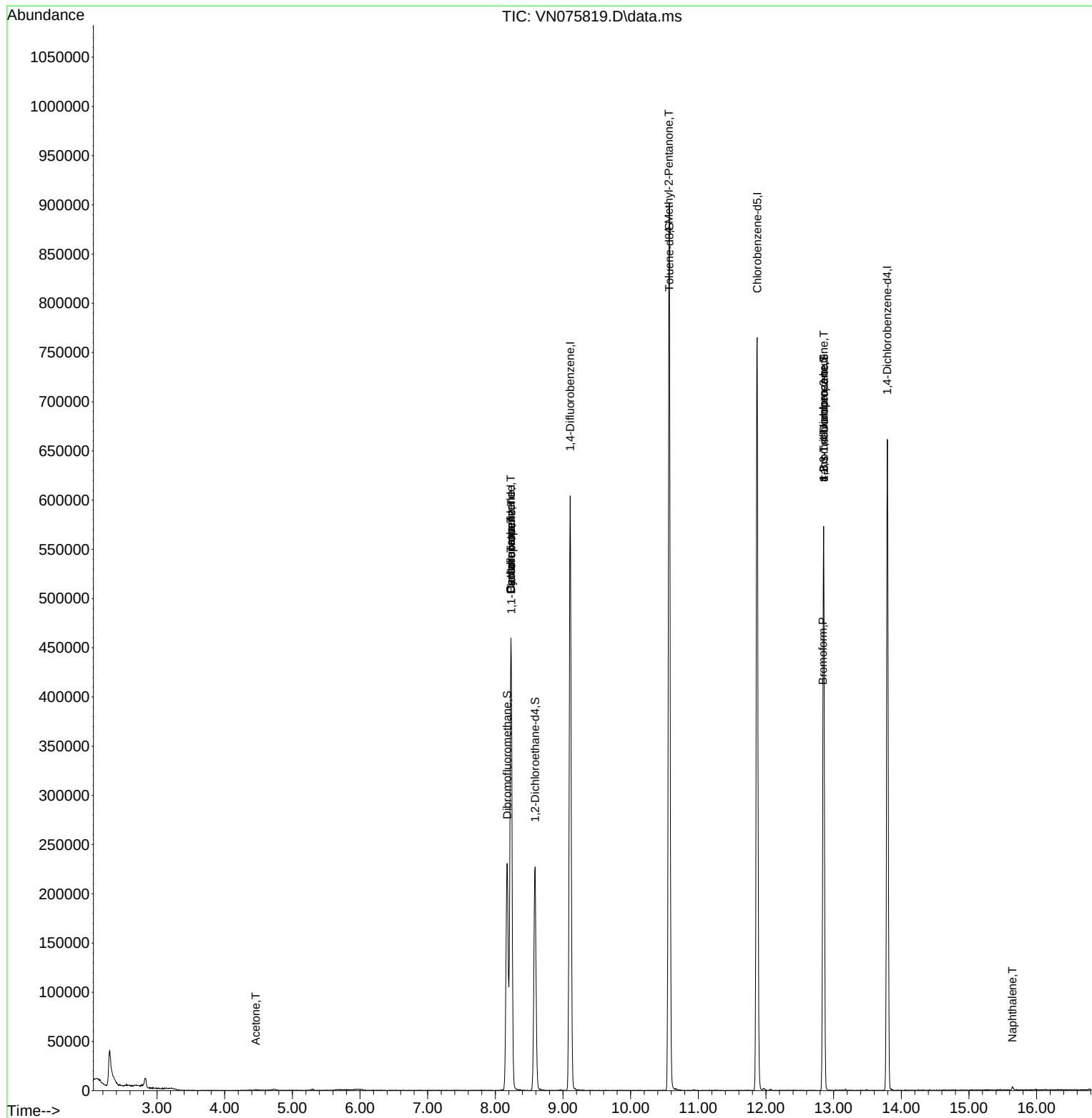
Target Compounds					Qvalue	
16) Acetone	4.459	43	399	0.299	ug/l #	39
20) Methylene Chloride	5.300	84	681	Below Cal	#	64
31) Cyclohexane	8.229	56	6610	1.191	ug/l #	8
36) 1,1-Dichloropropene	8.235	75	25999	5.713	ug/l #	50
38) Carbon Tetrachloride	8.229	117	34896	6.851	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2323	0.637	ug/l #	1
71) Bromoform	12.841	173	1606	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	96687	25.794	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96687	92.846	ug/l #	12
95) Naphthalene	15.641	128	3424	2.501	ug/l #	91

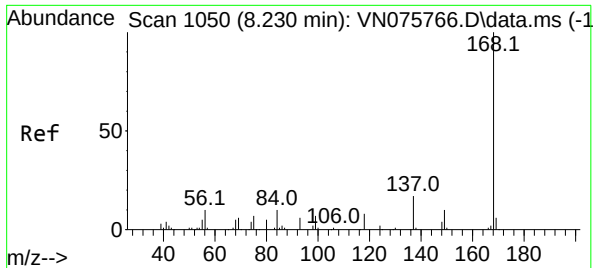
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

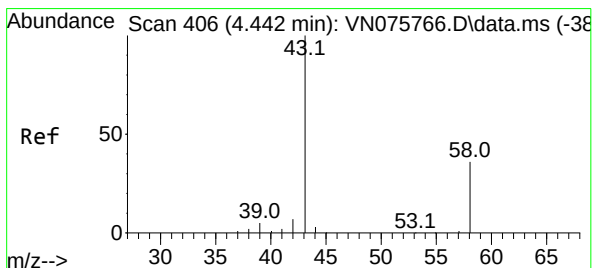
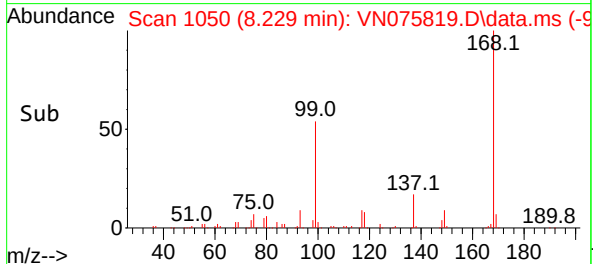
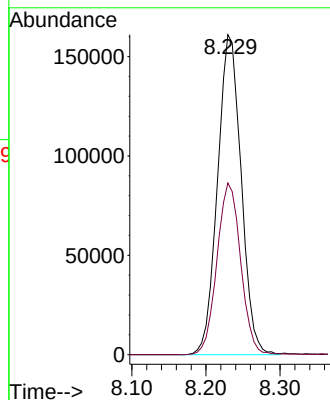
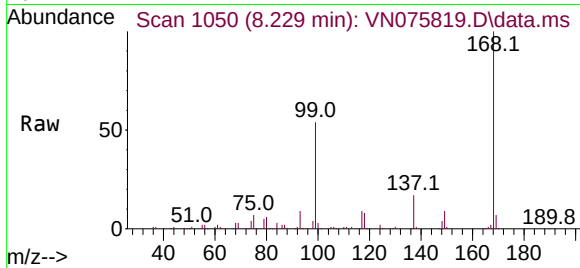




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

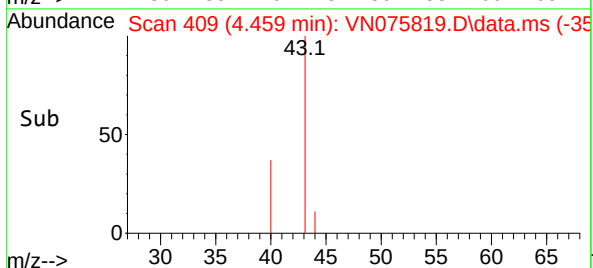
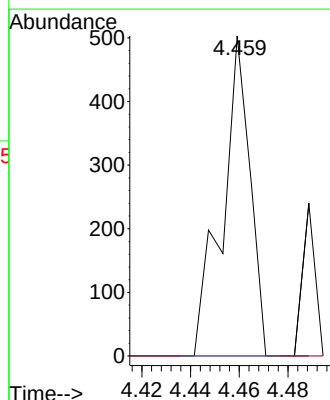
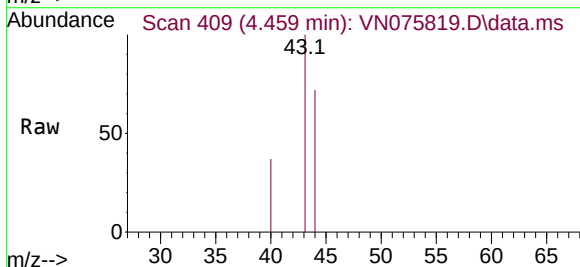
Instrument :
MSVOA_N
ClientSampleId :

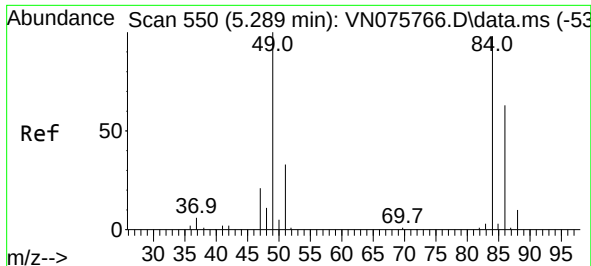
Tgt Ion:168 Resp: 356353
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#16
Acetone
Concen: 0.299 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

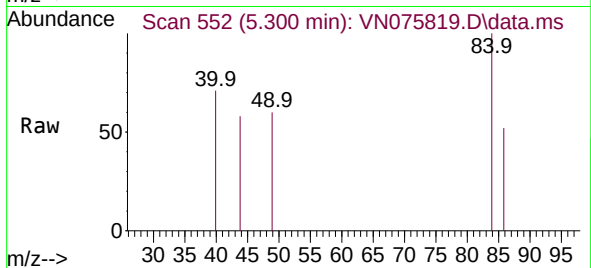
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





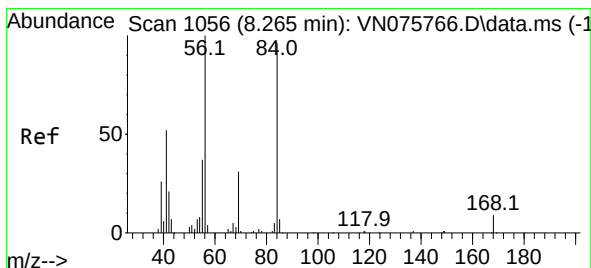
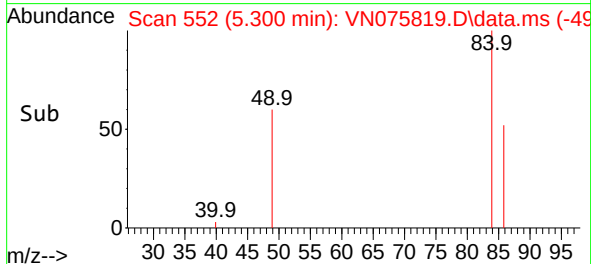
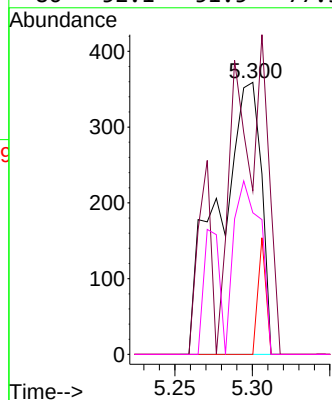
#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 681

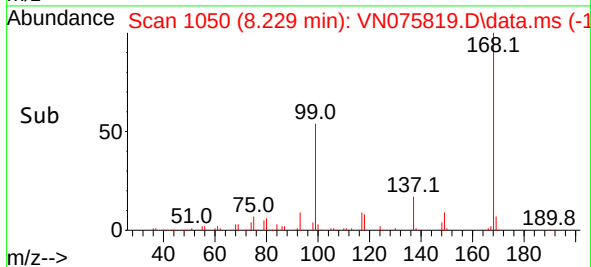
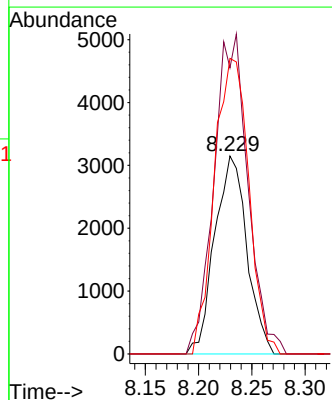
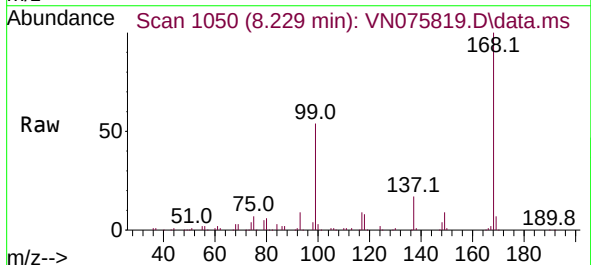
Ion	Ratio	Lower	Upper
84	100		
49	60.2	81.8	122.6#
51	0.0	26.7	40.1#
86	52.1	51.5	77.3

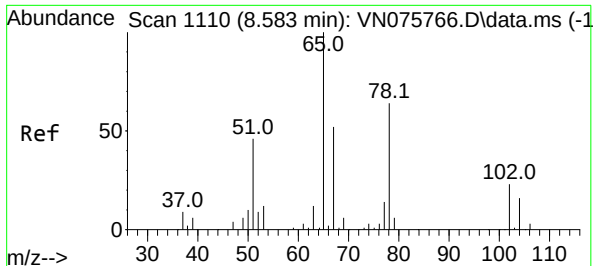


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion: 56 Resp: 6610

Ion	Ratio	Lower	Upper
56	100		
69	144.6	24.7	37.1#
84	149.3	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.835 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075819.D

Acq: 15 Dec 2022 15:47

Instrument :

MSVOA_N

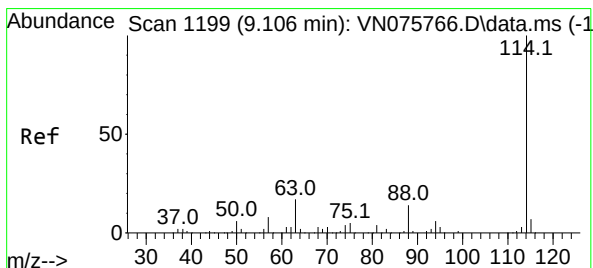
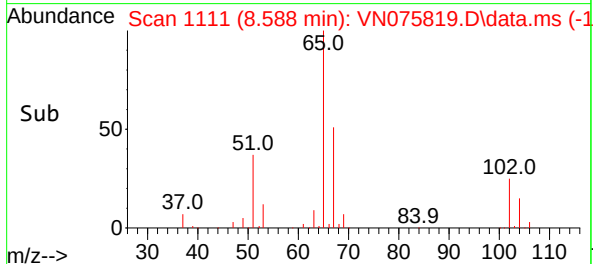
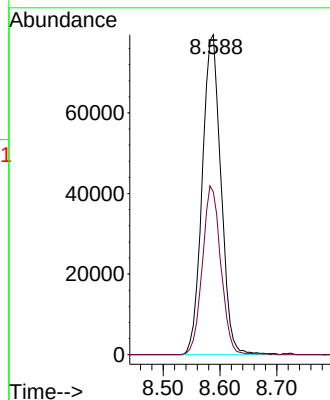
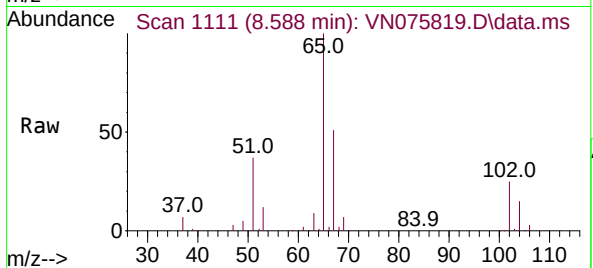
ClientSampleId :

Tgt Ion: 65 Resp: 181571

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075819.D

Acq: 15 Dec 2022 15:47

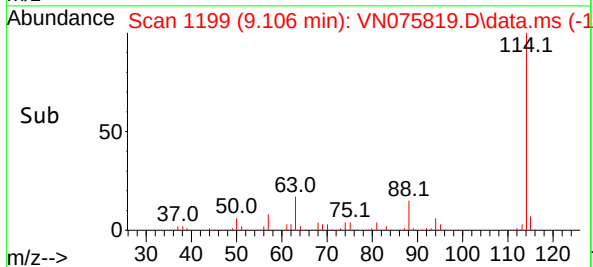
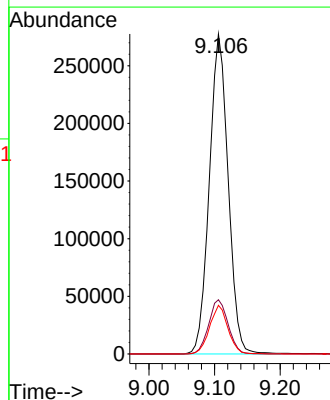
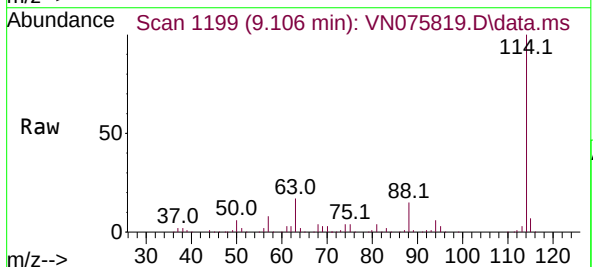
Tgt Ion: 114 Resp: 553179

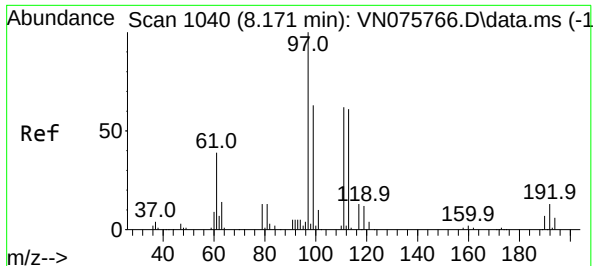
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.773 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075819.D

Acq: 15 Dec 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

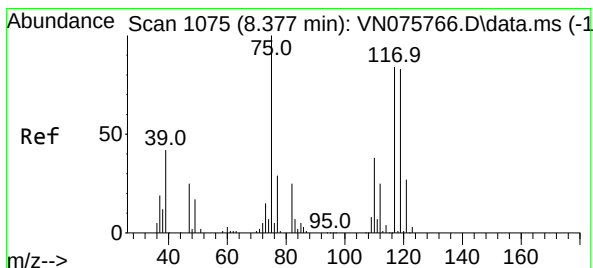
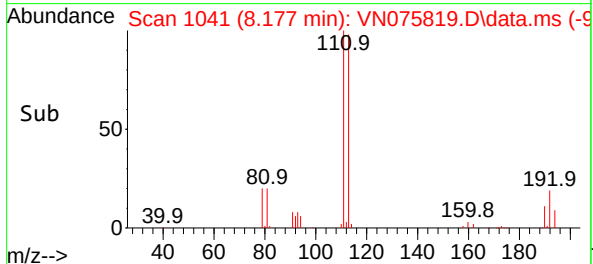
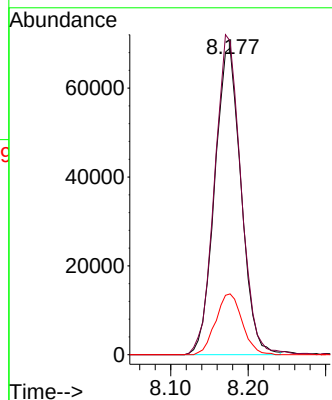
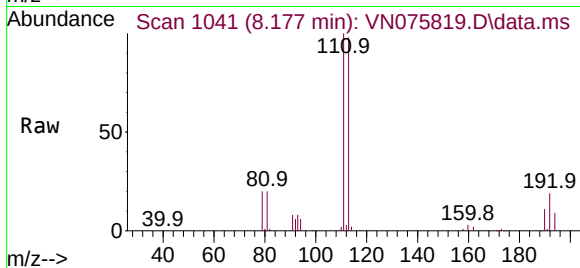
Tgt Ion:113 Resp: 163658

Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.713 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN075819.D

Acq: 15 Dec 2022 15:47

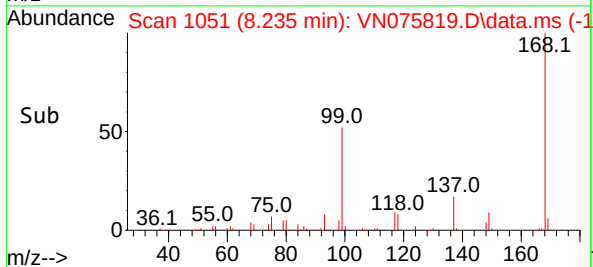
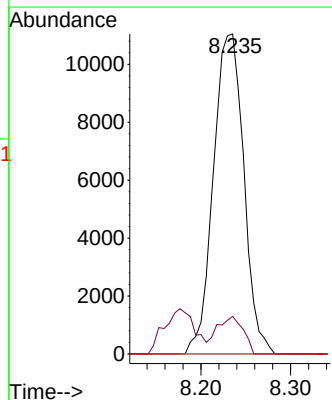
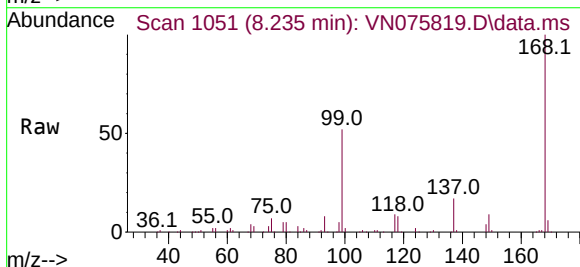
Tgt Ion: 75 Resp: 25999

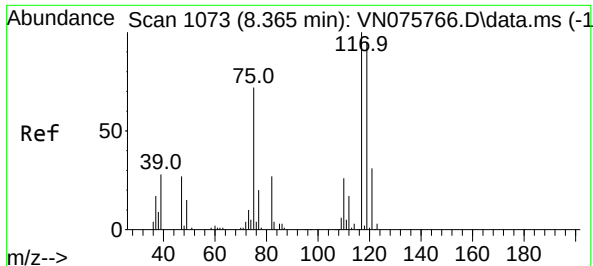
Ion Ratio Lower Upper

75 100

110 10.2 18.8 56.4#

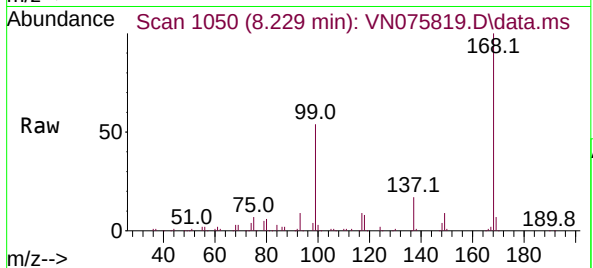
77 0.0 24.1 36.1#



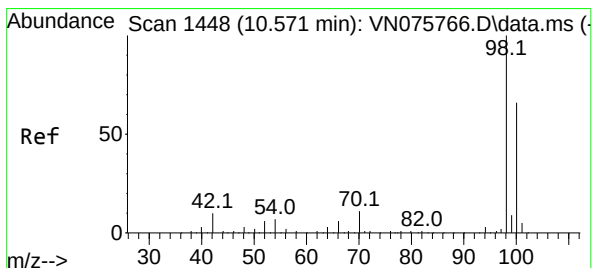
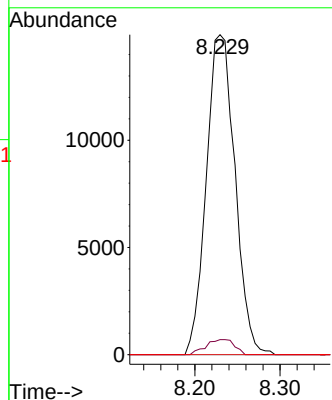
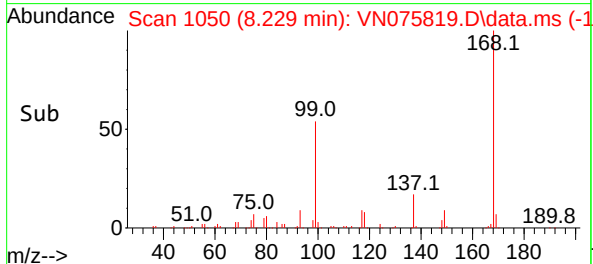


#38
Carbon Tetrachloride
Concen: 6.851 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Instrument :
MSVOA_N
ClientSampleId :

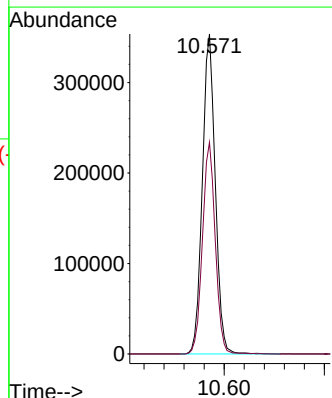
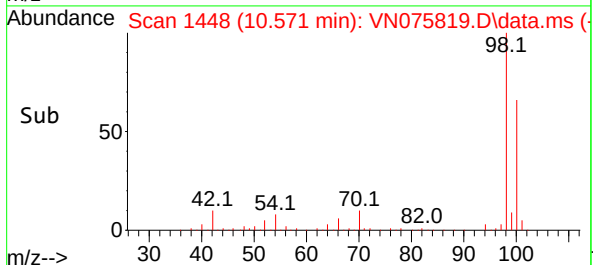
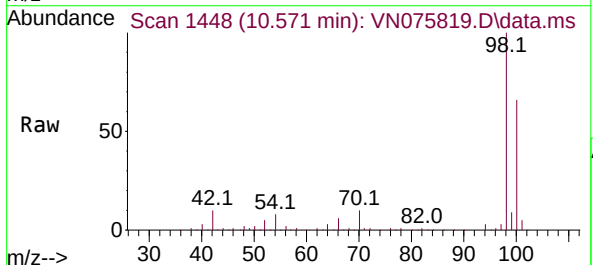


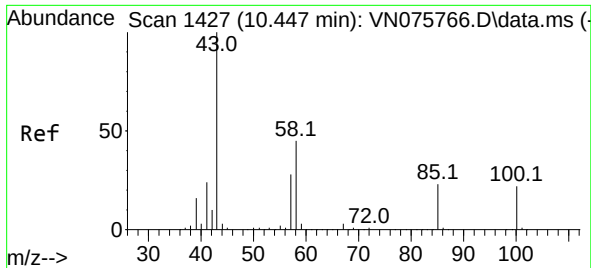
Tgt Ion:117 Resp: 34896
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.290 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion: 98 Resp: 631327
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

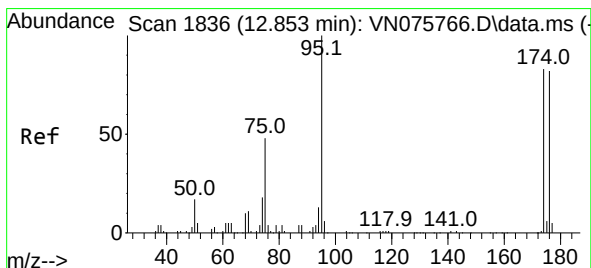
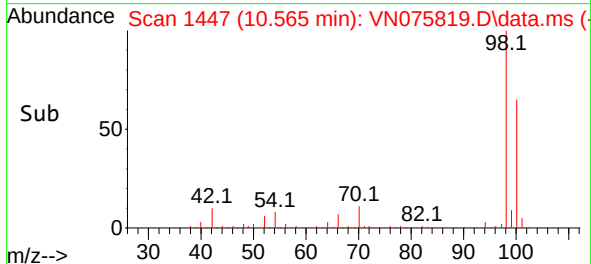
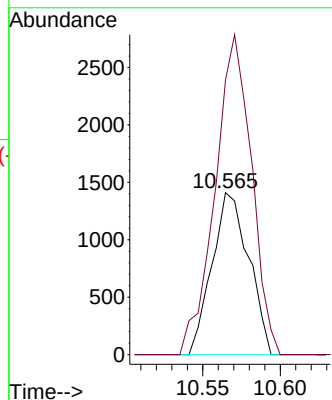
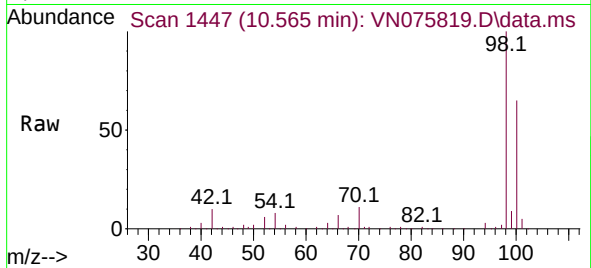




#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

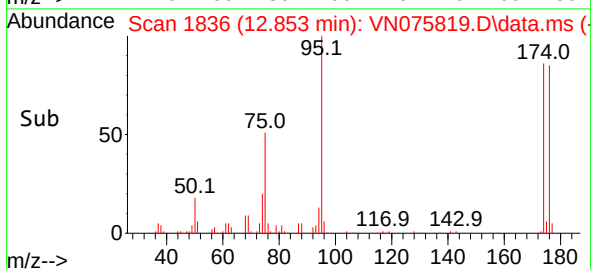
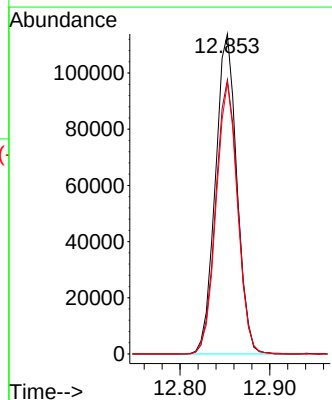
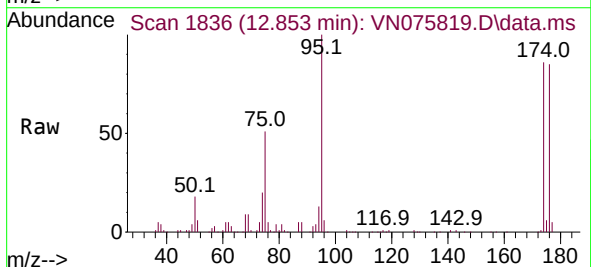
Instrument :
MSVOA_N
ClientSampleId :

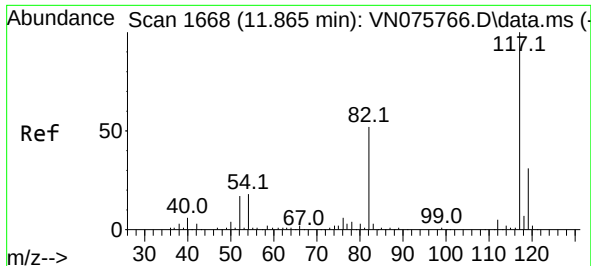
Tgt Ion: 43 Resp: 2323
Ion Ratio Lower Upper
43 100
58 196.2 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 44.644 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion: 95 Resp: 189394
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.2 0.0 169.2

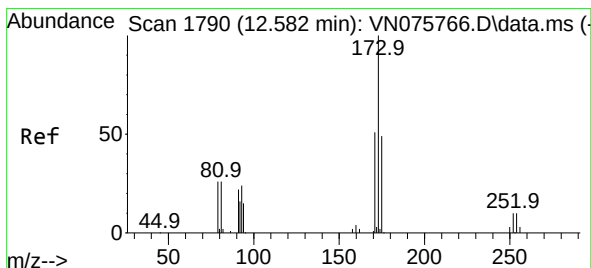
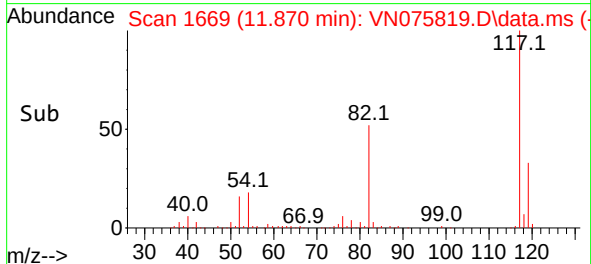
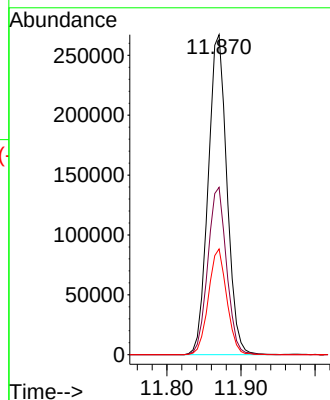
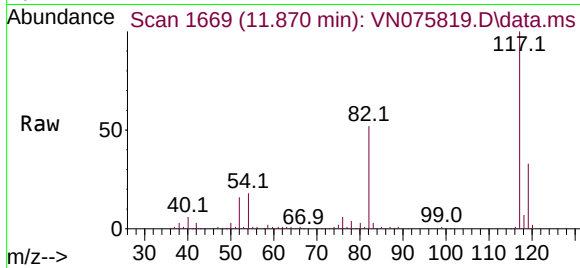




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

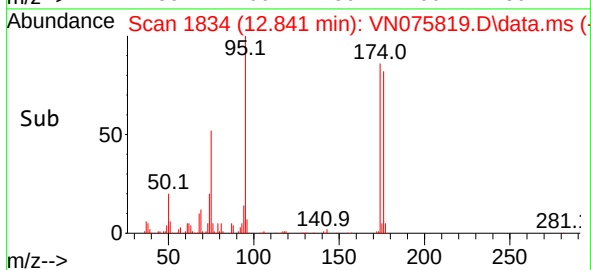
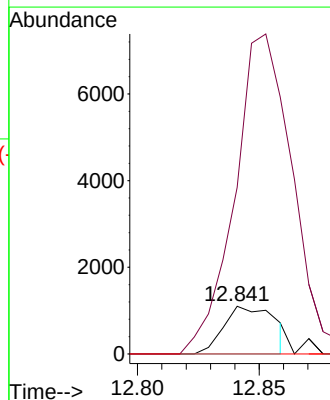
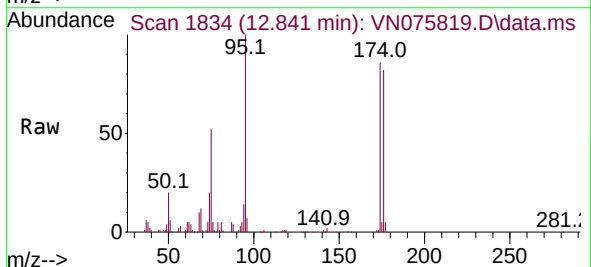
Instrument :
MSVOA_N
ClientSampleId :

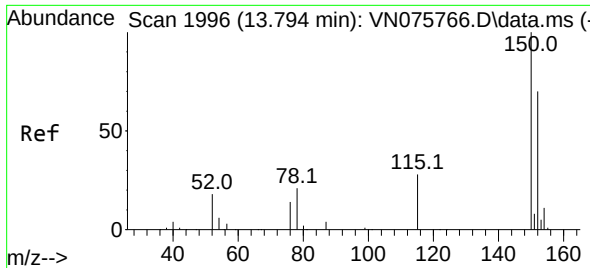
Tgt Ion:117 Resp: 469914
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 33.1 24.6 37.0



#71
Bromoform
Concen: 0.618 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion:173 Resp: 1606
Ion Ratio Lower Upper
173 100
175 611.3 24.3 72.8#
254 0.0 0.0 0.0

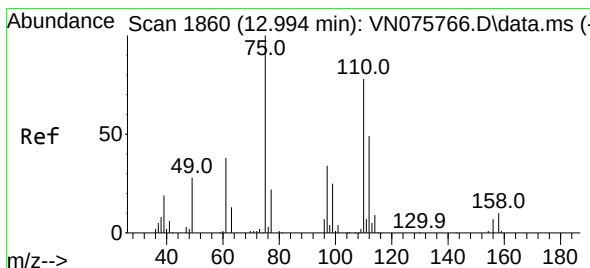
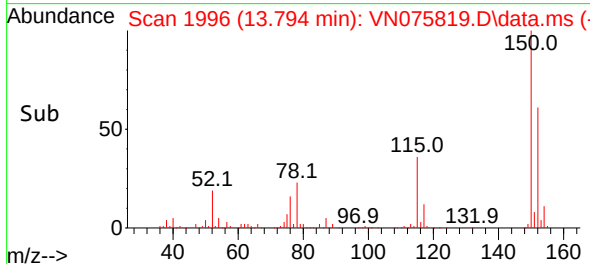
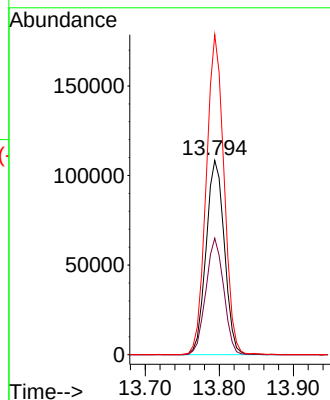
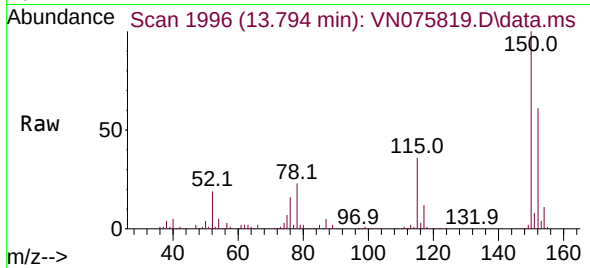




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075819.D
 Acq: 15 Dec 2022 15:47

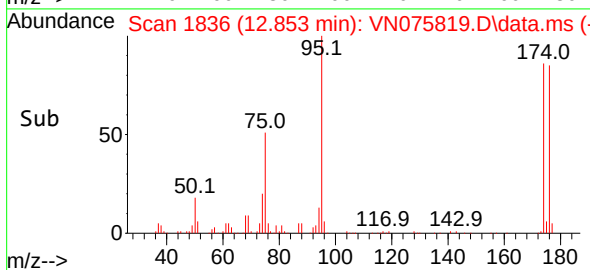
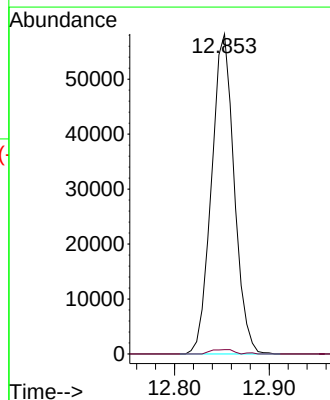
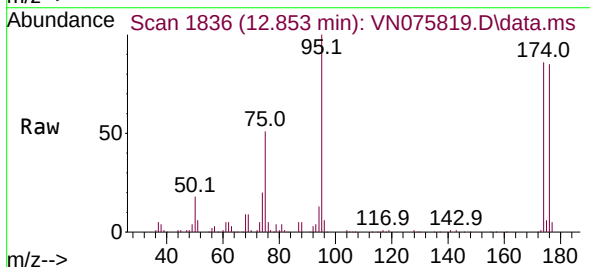
Instrument :
 MSVOA_N
 ClientSampleId :

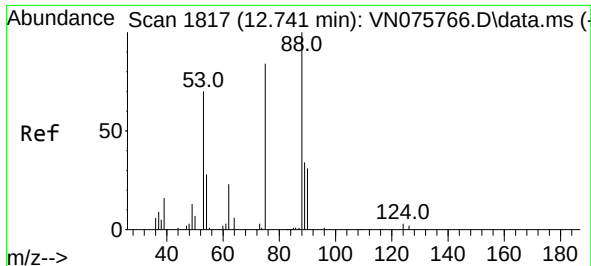
Tgt Ion:152 Resp: 185956
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.4
 150 160.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.794 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075819.D
 Acq: 15 Dec 2022 15:47

Tgt Ion: 75 Resp: 96687
 Ion Ratio Lower Upper
 75 100
 77 1.5 82.6 247.8#

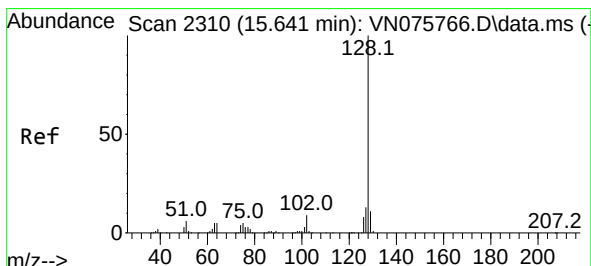
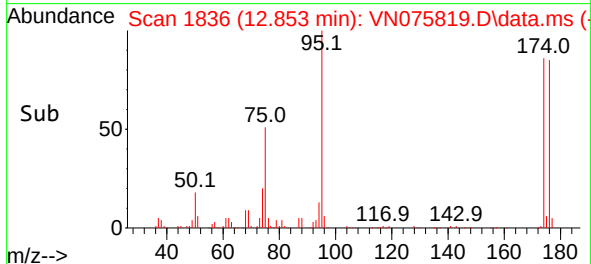
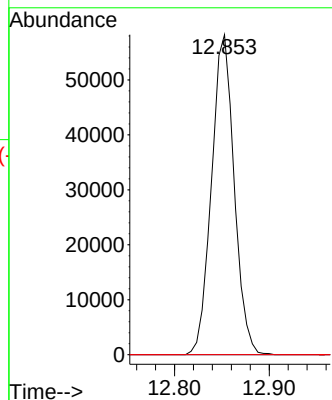
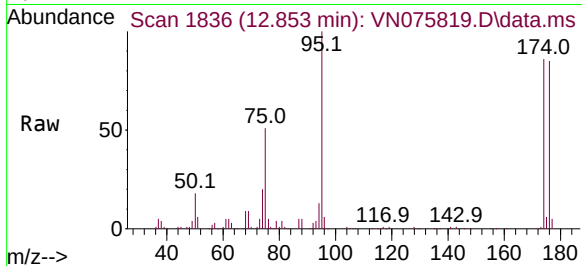




#81
trans-1,4-Dichloro-2-butene
Concen: 92.846 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 96687
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.501 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion:128 Resp: 3424
Ion Ratio Lower Upper
128 100
127 7.2 10.4 15.6#
129 10.1 8.7 13.1

