

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075827.D
 Acq On : 15 Dec 2022 18:59
 Operator : JC\MD
 Sample : N6066-12 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-598

Quant Time: Dec 16 03:12:35 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	8.235	168	356215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	560951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	481599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	185185	47.786	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.580%
35) Dibromofluoromethane	8.177	113	167240	48.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.570	98	640978	49.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.853	95	197600	45.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.860%

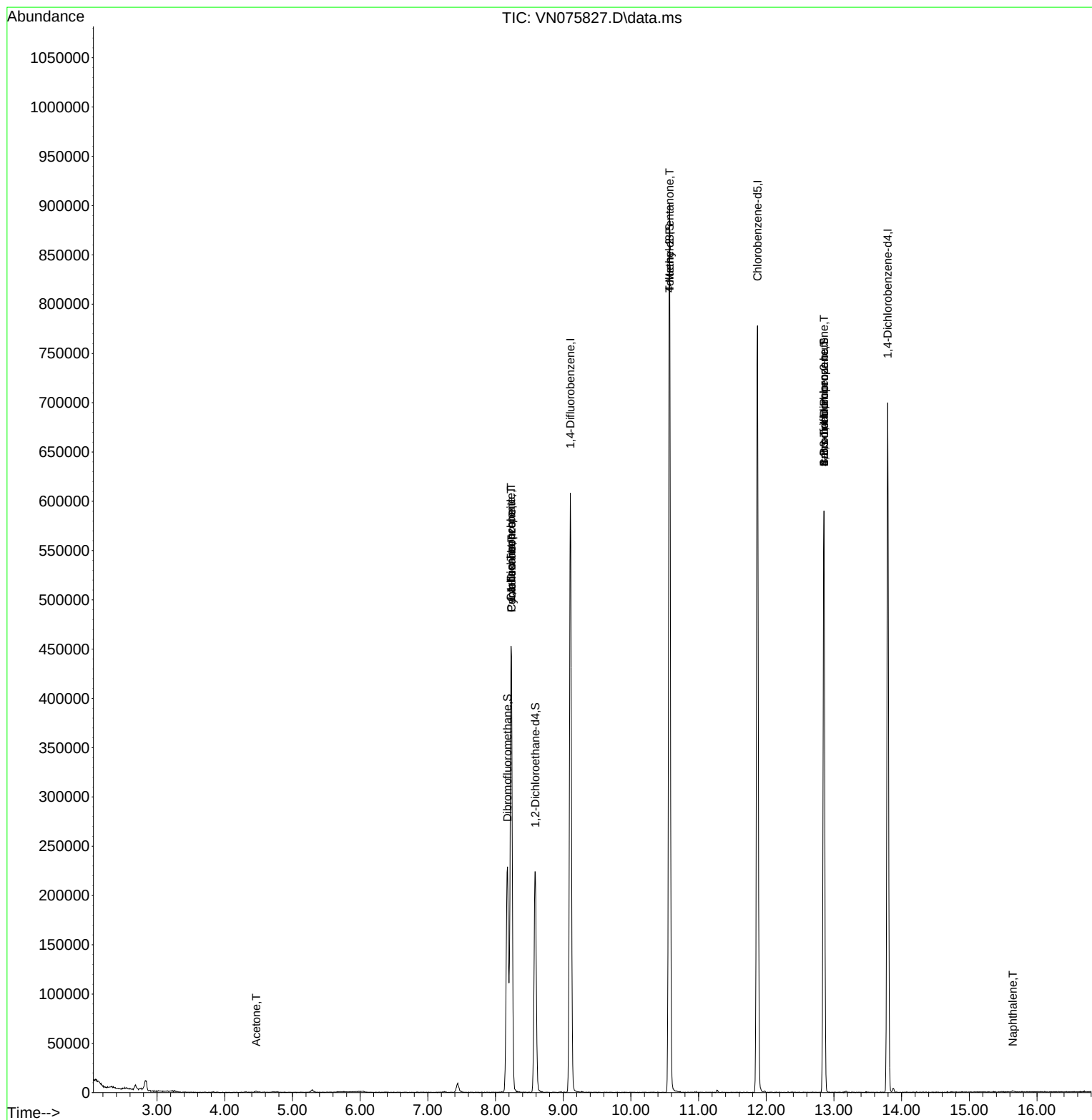
Target Compounds					Qvalue	
16) Acetone	4.465	43	2208	1.653	ug/l #	82
20) Methylene Chloride	5.288	84	474	Below Cal	#	55
31) Cyclohexane	8.235	56	6732	1.213	ug/l #	17
36) 1,1-Dichloropropene	8.229	75	25806	5.592	ug/l #	49
38) Carbon Tetrachloride	8.229	117	34442	6.668	ug/l #	17
51) 4-Methyl-2-Pentanone	10.570	43	2331	0.630	ug/l #	1
71) Bromoform	12.853	173	1464	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101323	25.855	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101323	93.065	ug/l #	12
95) Naphthalene	15.641	128	1718	2.333	ug/l #	77

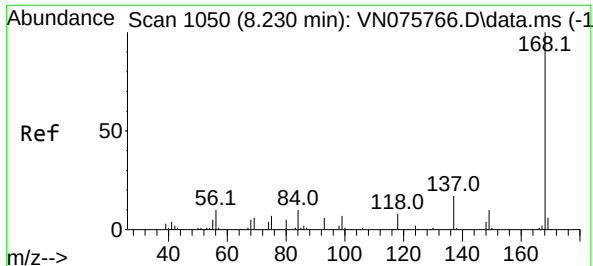
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

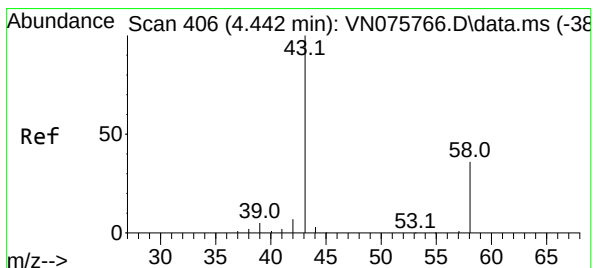
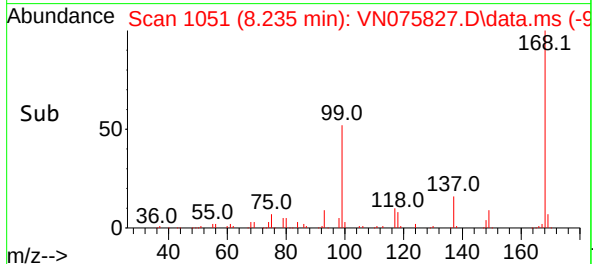
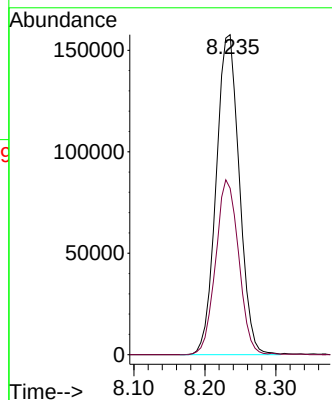
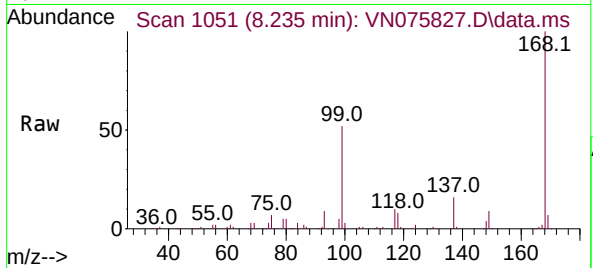




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

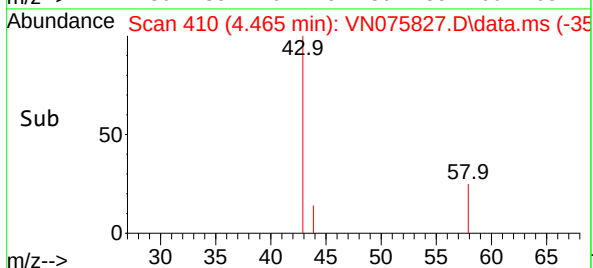
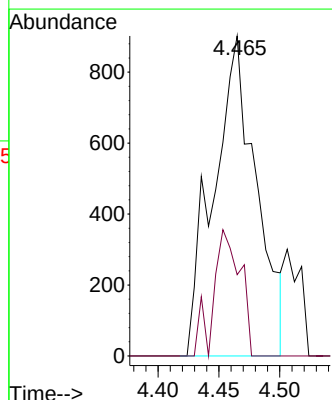
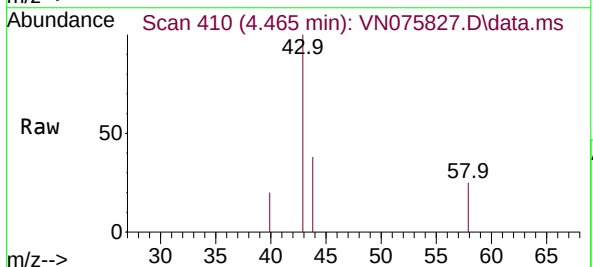
Instrument :
MSVOA_N
ClientSampleId :
ORA-598

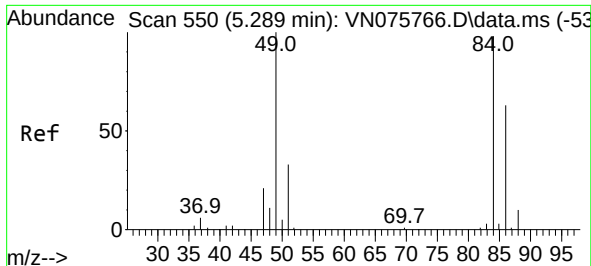
Tgt Ion:168 Resp: 356215
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4



#16
Acetone
Concen: 1.653 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

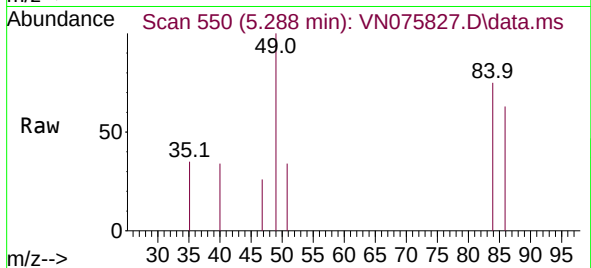
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
58 25.4 28.6 43.0#





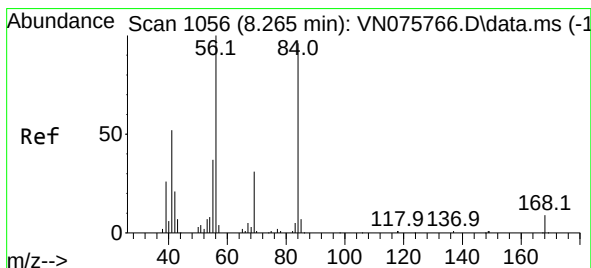
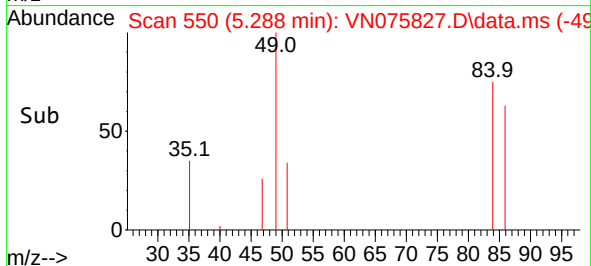
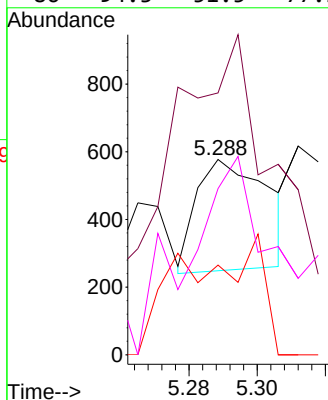
#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
ORA-598



Tgt Ion: 84 Resp: 474

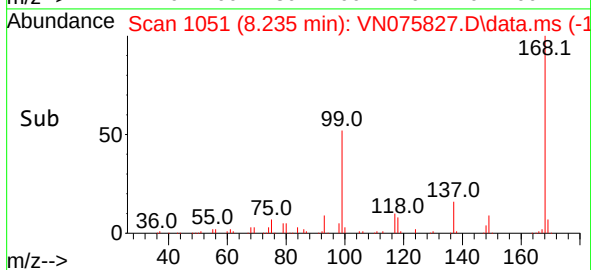
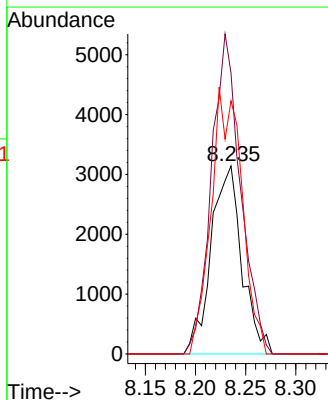
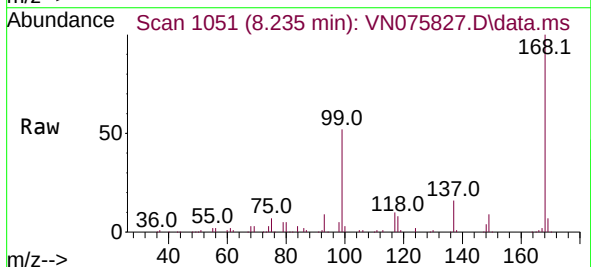
Ion	Ratio	Lower	Upper
84	100		
49	66.8	81.8	122.6#
51	83.9	26.7	40.1#
86	94.3	51.5	77.3#

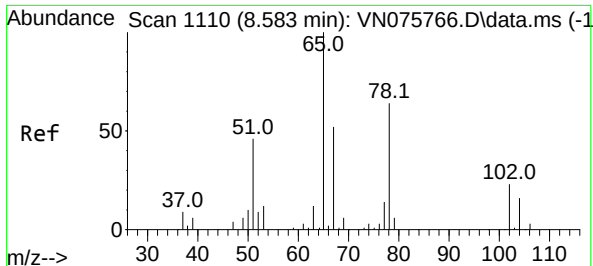


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

Tgt Ion: 56 Resp: 6732

Ion	Ratio	Lower	Upper
56	100		
69	149.4	24.7	37.1#
84	134.7	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.786 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075827.D

Acq: 15 Dec 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

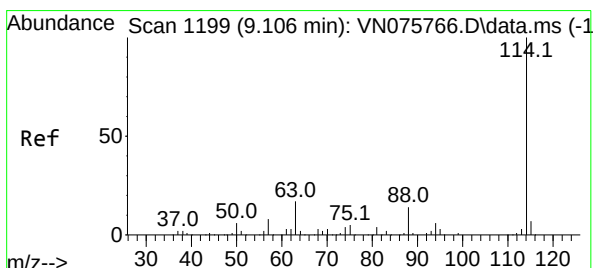
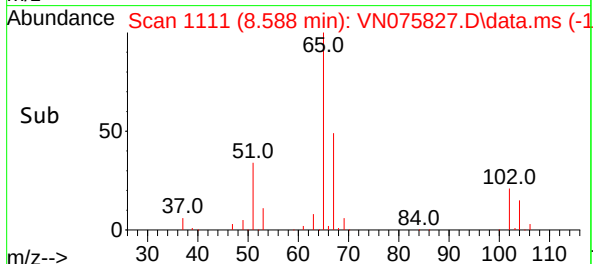
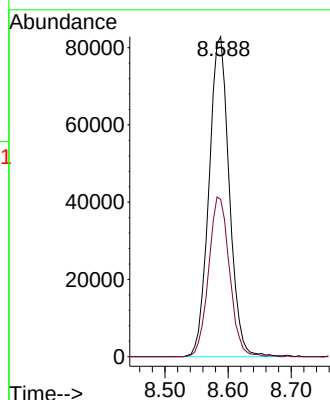
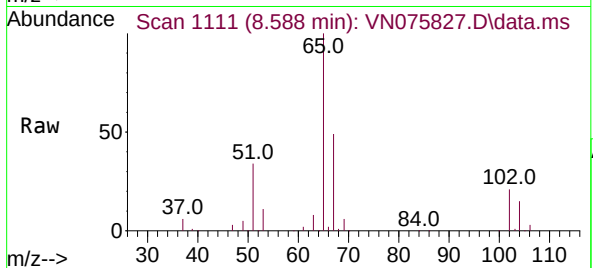
ORA-598

Tgt Ion: 65 Resp: 185185

Ion Ratio Lower Upper

65 100

67 51.3 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: VN075827.D

Acq: 15 Dec 2022 18:59

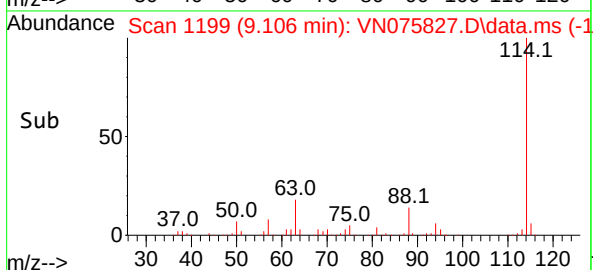
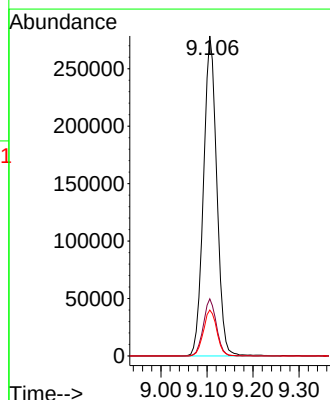
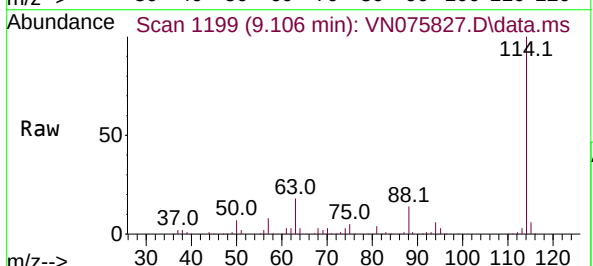
Tgt Ion: 114 Resp: 560951

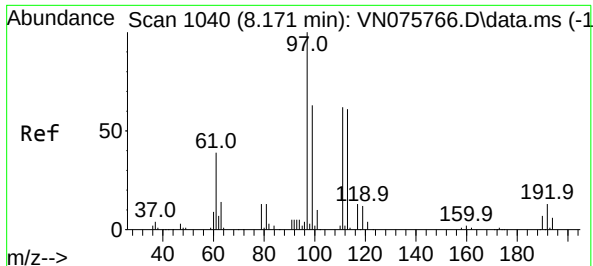
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.142 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075827.D

Acq: 15 Dec 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

ORA-598

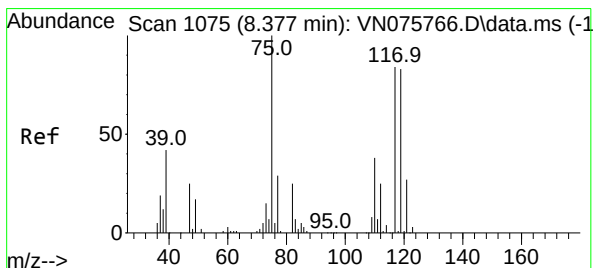
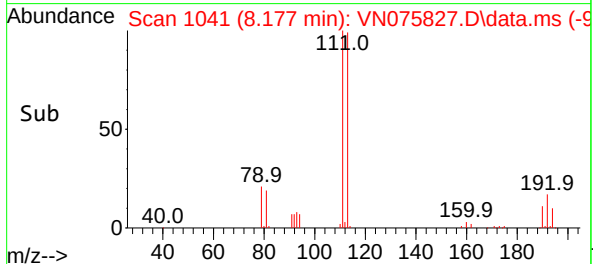
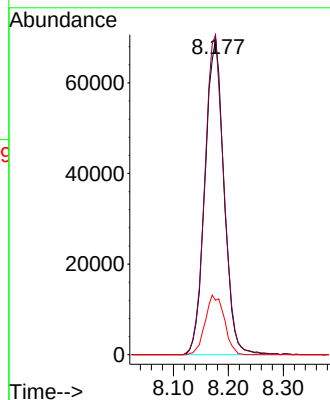
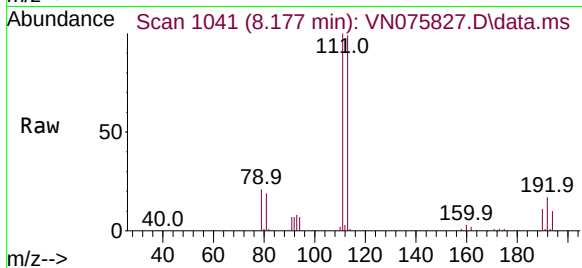
Tgt Ion:113 Resp: 167240

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 19.0 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.592 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075827.D

Acq: 15 Dec 2022 18:59

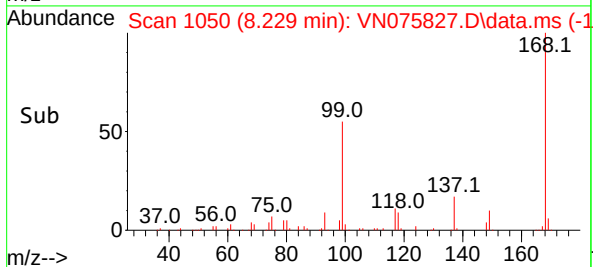
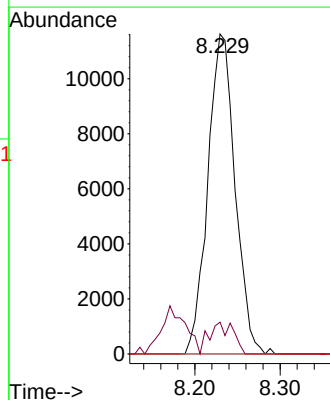
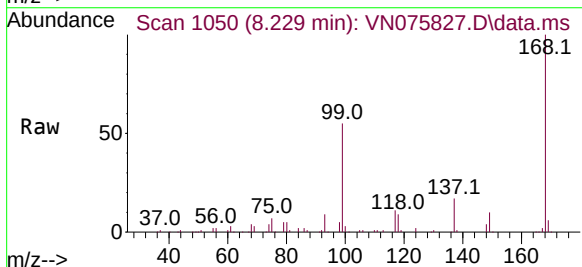
Tgt Ion: 75 Resp: 25806

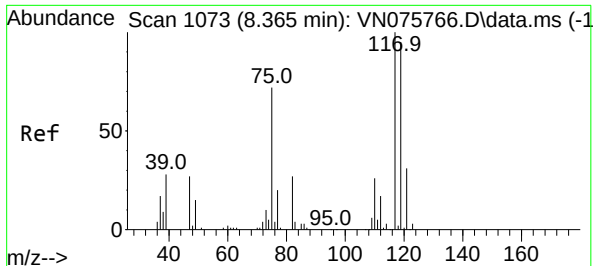
Ion Ratio Lower Upper

75 100

110 8.7 18.8 56.4#

77 0.0 24.1 36.1#

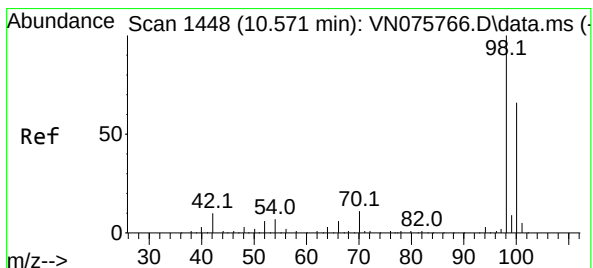
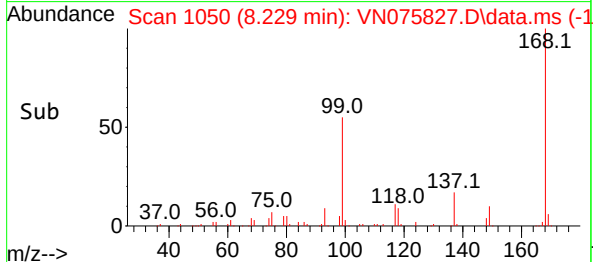
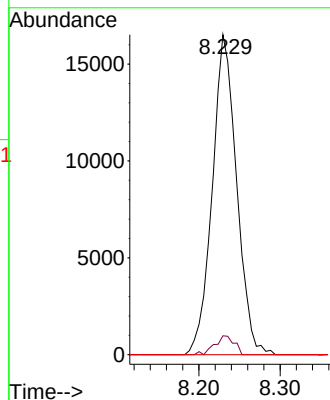
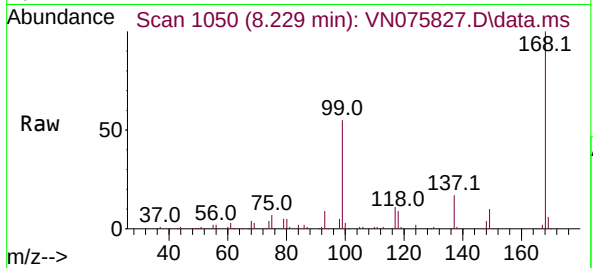




#38
Carbon Tetrachloride
Concen: 6.668 ug/l
RT: 8.229 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

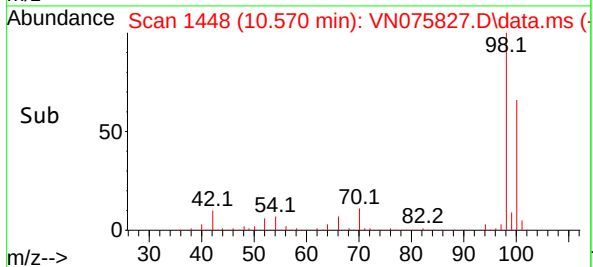
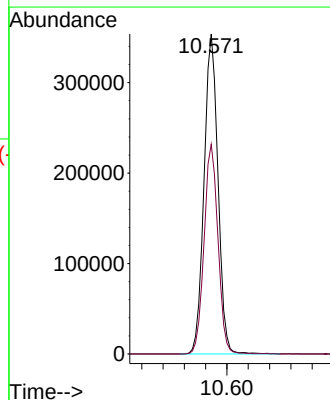
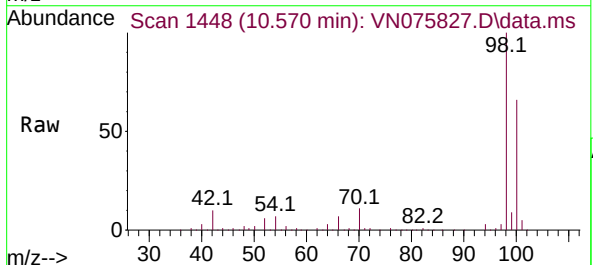
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ORA-598

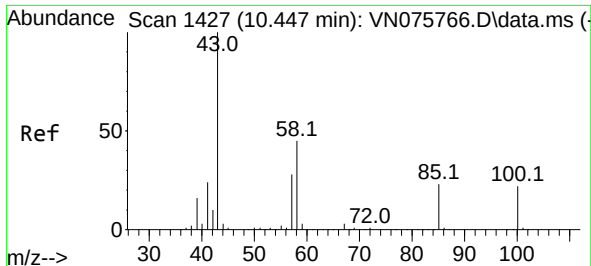
Tgt Ion:117 Resp: 34442
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.350 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

Tgt Ion: 98 Resp: 640978
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.630 ug/l

RT: 10.570 min Scan# 1427

Delta R.T. 0.123 min

Lab File: VN075827.D

Acq: 15 Dec 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

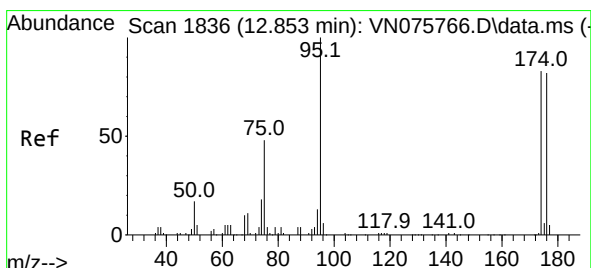
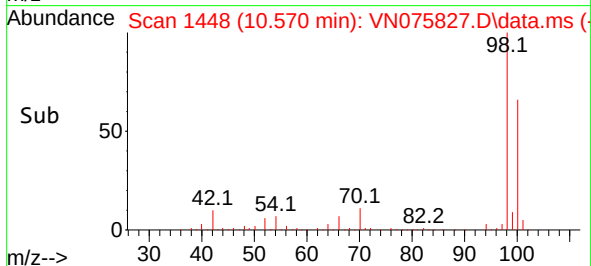
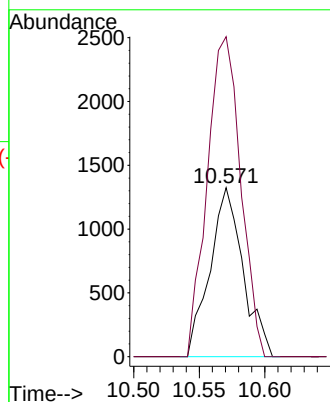
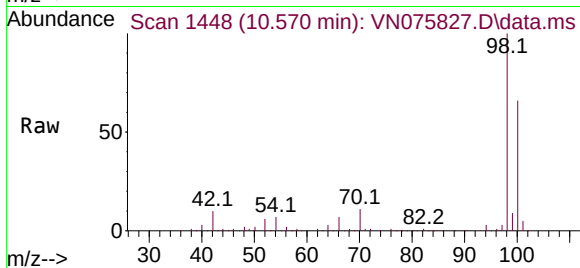
ORA-598

Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

43 100

58 190.9 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 45.933 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075827.D

Acq: 15 Dec 2022 18:59

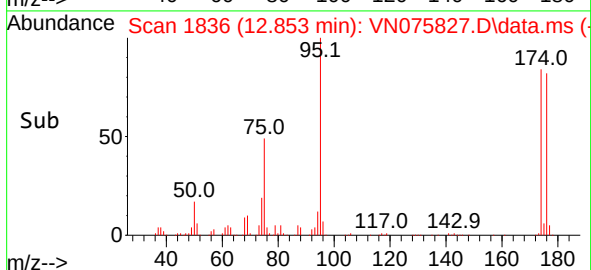
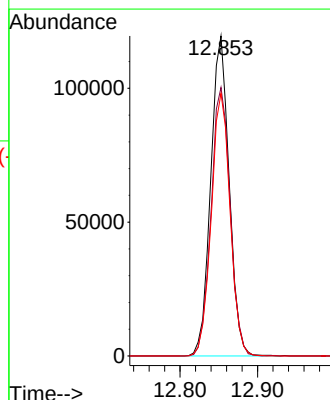
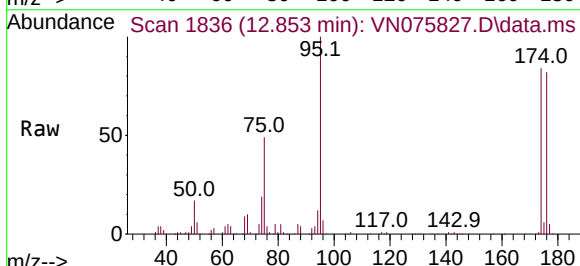
Tgt Ion: 95 Resp: 197600

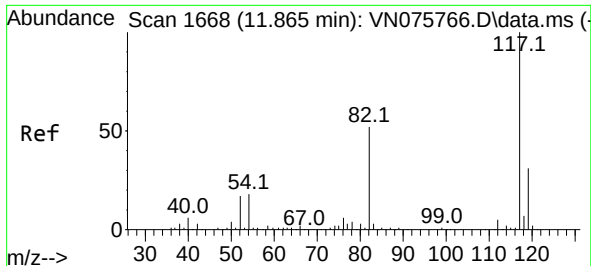
Ion Ratio Lower Upper

95 100

174 86.7 0.0 171.6

176 83.7 0.0 169.2

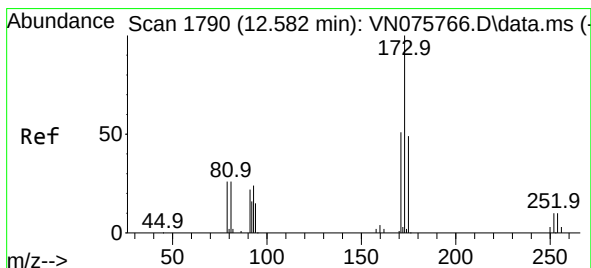
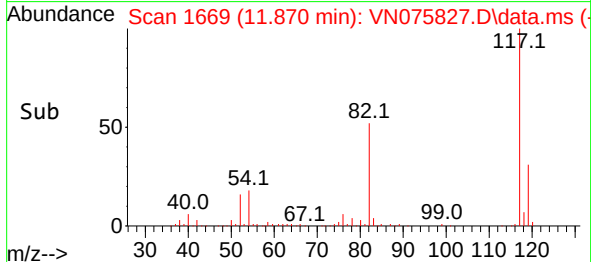
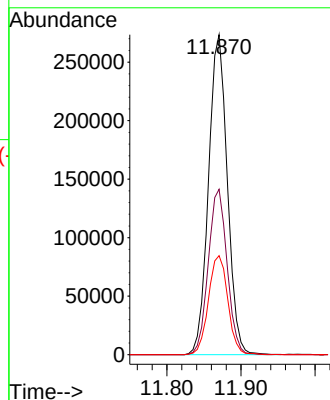
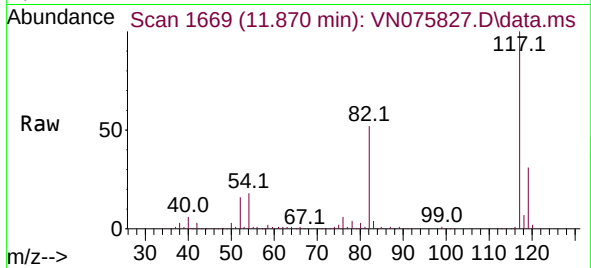




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

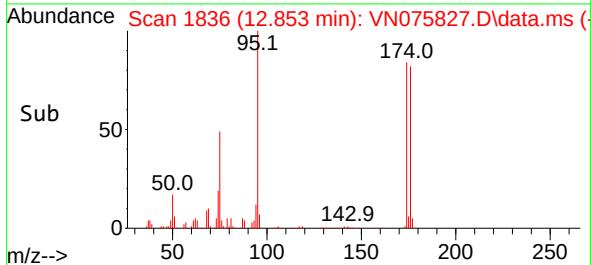
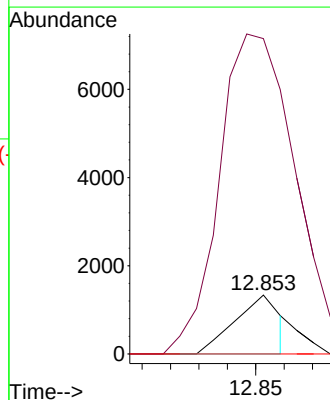
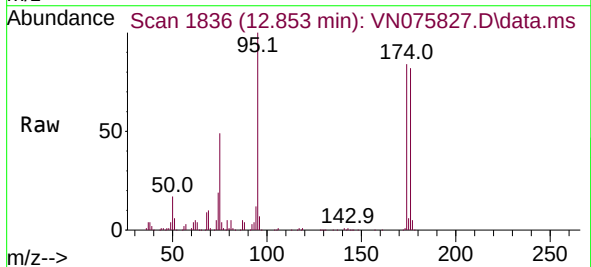
Instrument :
MSVOA_N
ClientSampleId :
ORA-598

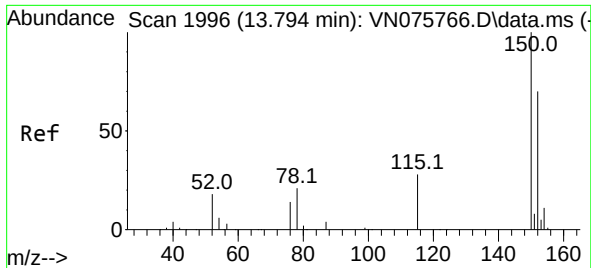
Tgt Ion:117 Resp: 481599
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 30.9 24.6 37.0



#71
Bromoform
Concen: 0.550 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

Tgt Ion:173 Resp: 1464
Ion Ratio Lower Upper
173 100
175 742.9 24.3 72.8#
254 0.0 0.0 0.0

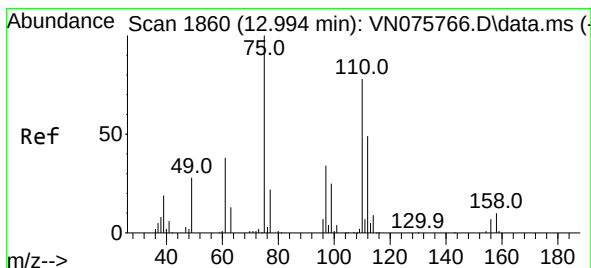
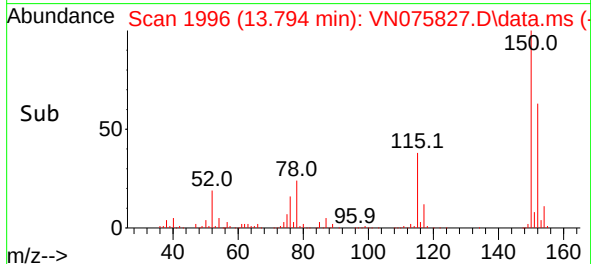
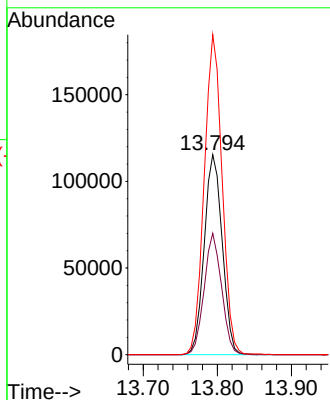
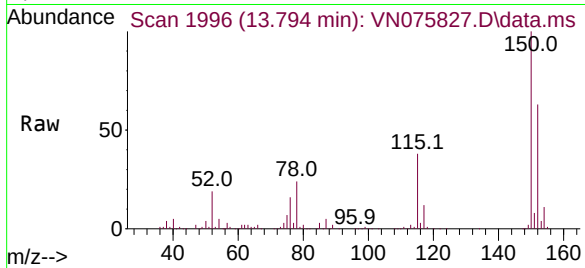




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075827.D
 Acq: 15 Dec 2022 18:59

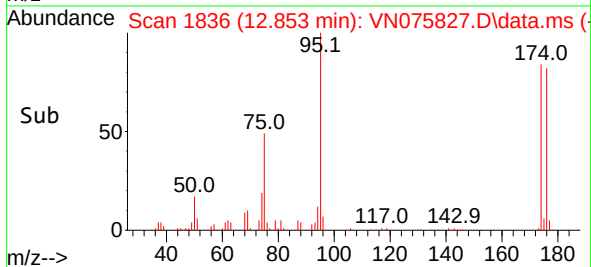
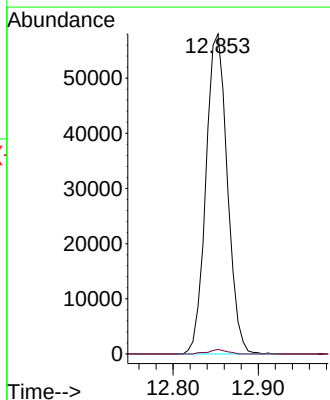
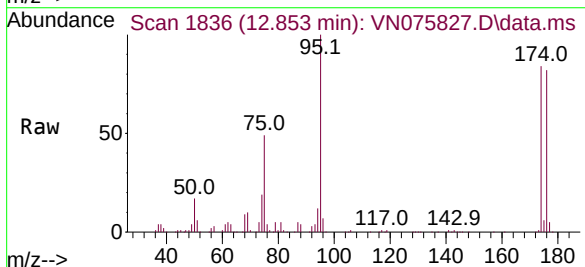
Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-598

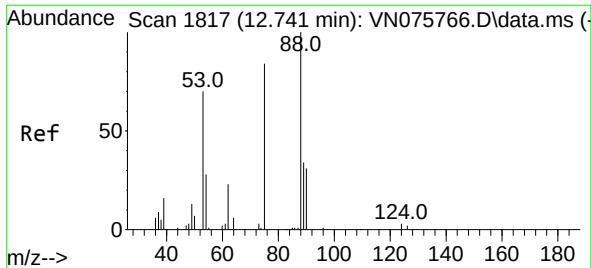
Tgt Ion:152 Resp: 194414
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.1 87.4
 150 158.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.855 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075827.D
 Acq: 15 Dec 2022 18:59

Tgt Ion: 75 Resp: 101323
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

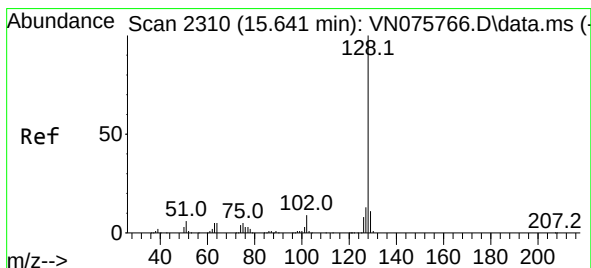
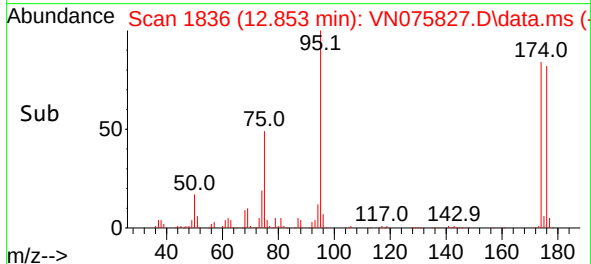
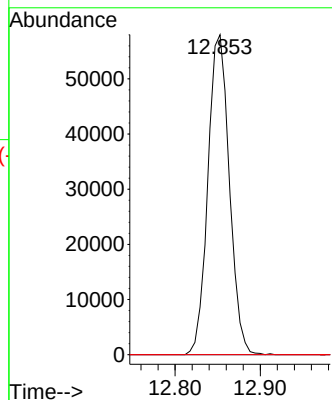
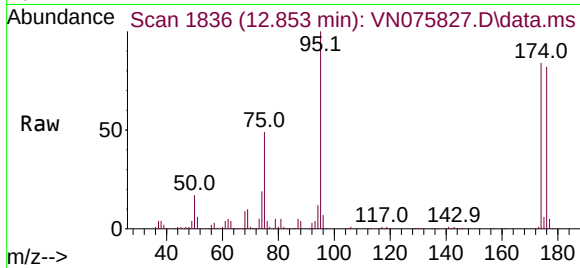




#81
trans-1,4-Dichloro-2-butene
Concen: 93.065 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
ORA-598

Tgt Ion: 75 Resp: 101323
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.333 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075827.D
Acq: 15 Dec 2022 18:59

Tgt Ion: 128 Resp: 1718
Ion Ratio Lower Upper
128 100
127 3.3 10.4 15.6#
129 3.3 8.7 13.1#

