

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034150.D
 Acq On : 13 Feb 2024 13:12
 Operator : SY/MD
 Sample : P1402-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:43:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

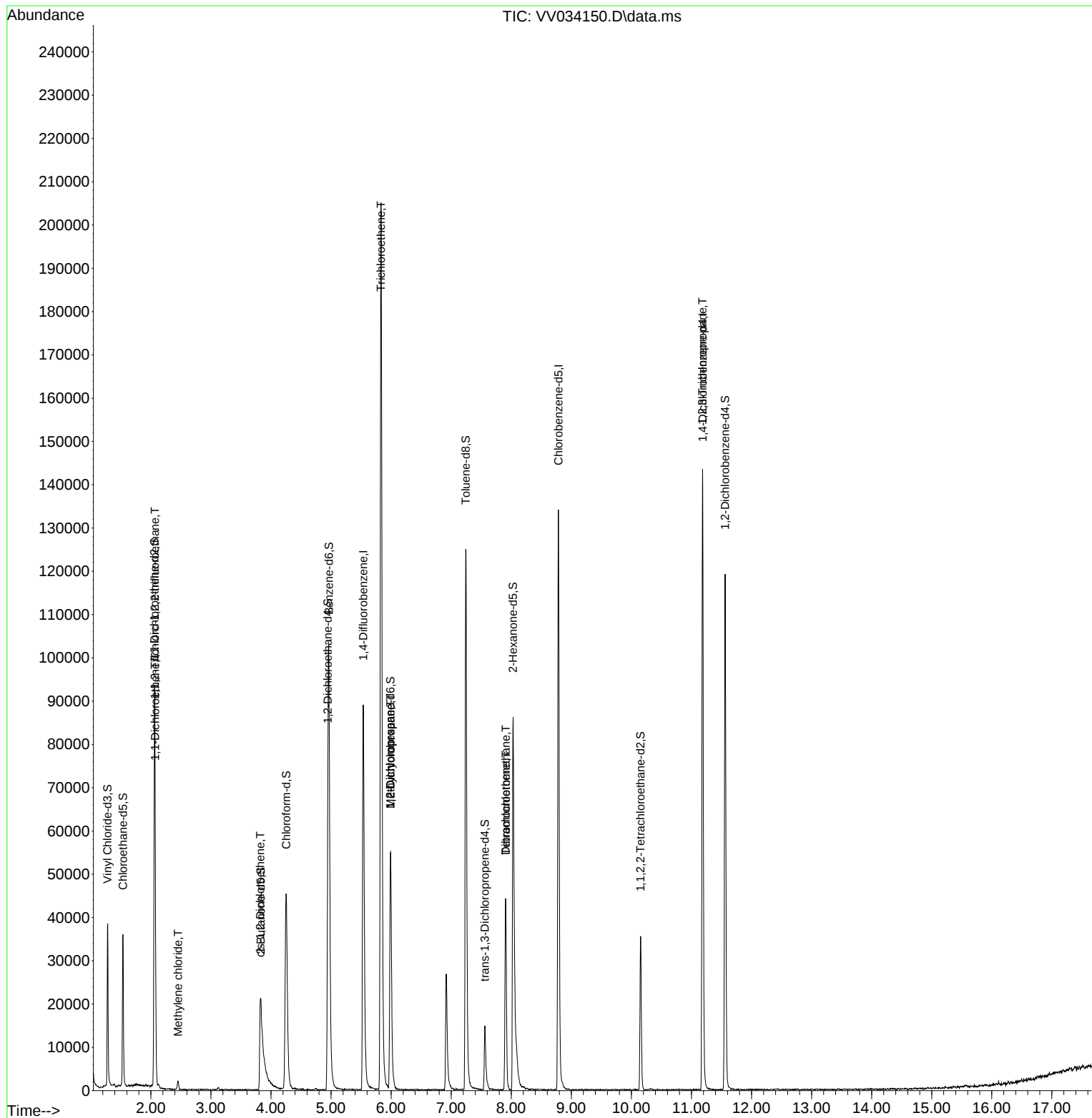
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77377	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24064	4.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.535	69	22131	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.060	65	11992	4.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.831	46	36852	36.616	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.240%
24) Chloroform-d	4.252	84	49751	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.947	65	24842	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	93159	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.989	67	26104	4.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.243	98	85909	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.561	79	9513	4.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.030	63	32871	39.426	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.860%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16828	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	31166	4.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2640	0.474	ug/L	90
12) 1,1-Dichloroethene	2.072	96	8001	1.480	ug/L #	51
16) Methylene chloride	2.455	84	918	0.177	ug/L	84
22) cis-1,2-Dichloroethene	3.822	96	4979	0.797	ug/L	96
34) Trichloroethene	5.831	95	70407	10.998	ug/L	97
35) Methylcyclohexane	5.989	83	6666	0.663	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3374	0.630	ug/L #	87
47) Tetrachloroethene	7.908	164	9804	1.885	ug/L	95
49) Dibromochloromethane	7.908	129	8972	2.282	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4459	1.731	ug/L #	61

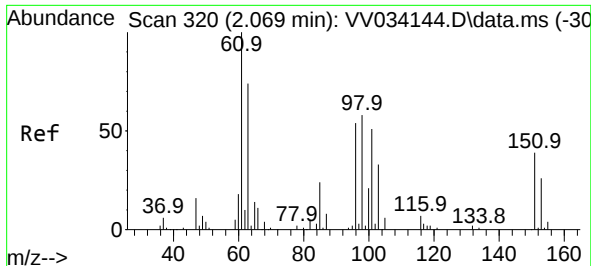
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021324\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.474 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

Instrument :

MSVOA_V

ClientSampleId :

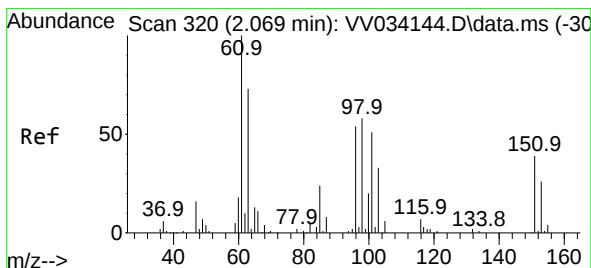
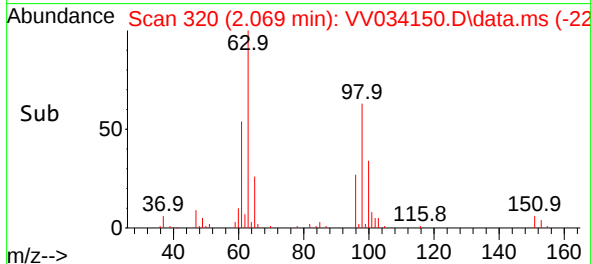
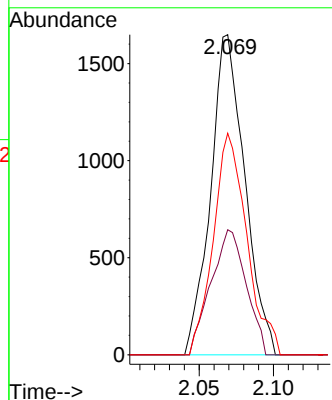
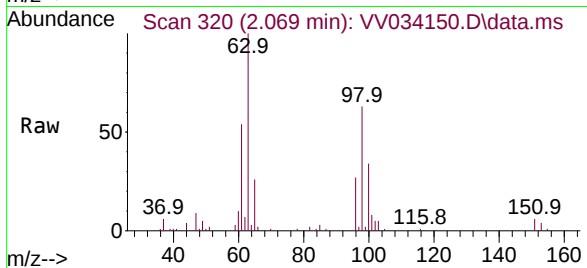
Tgt Ion:101 Resp: 2640

Ion Ratio Lower Upper

101 100

85 40.3 37.1 55.7

151 67.9 61.7 92.5



#12

1,1-Dichloroethene

Concen: 1.480 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

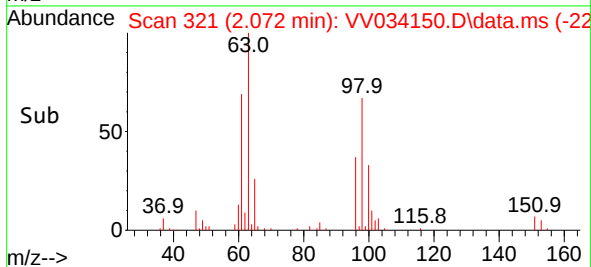
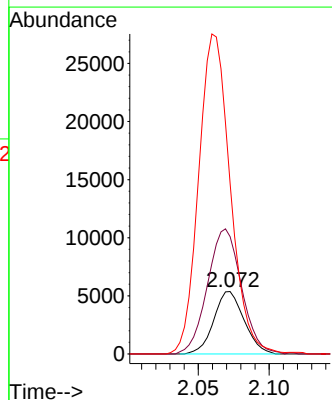
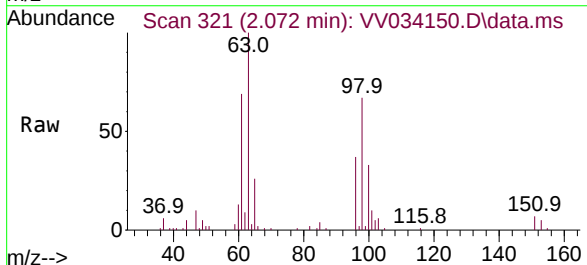
Tgt Ion: 96 Resp: 8001

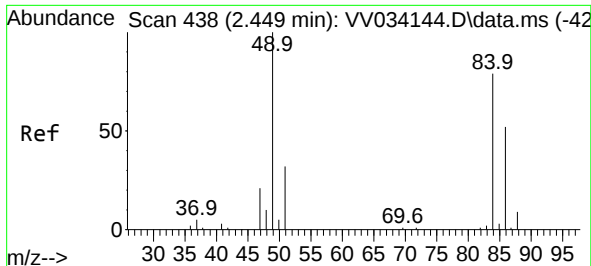
Ion Ratio Lower Upper

96 100

61 188.0 128.8 239.2

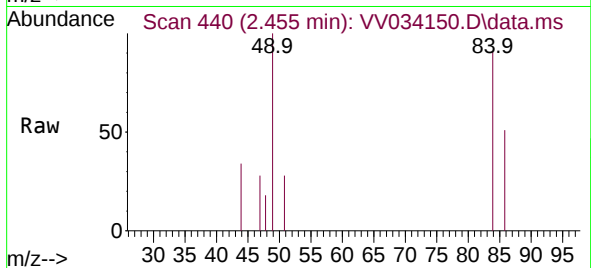
63 273.0 97.9 181.9#



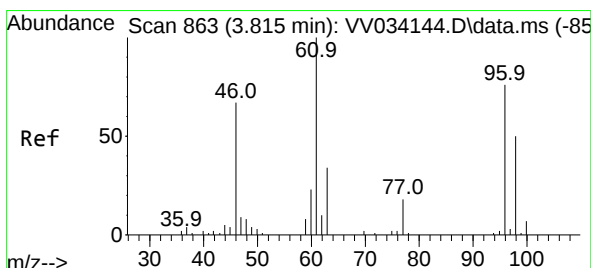
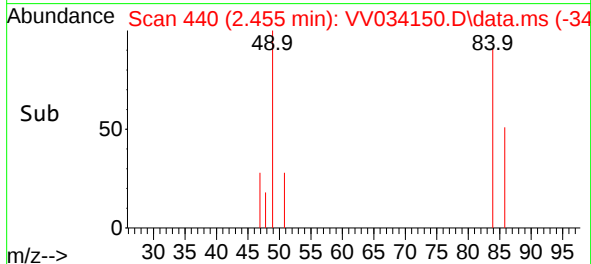
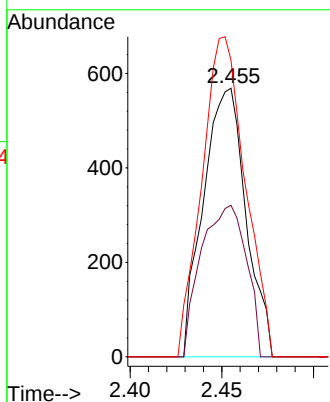


#16
Methylene chloride
Concen: 0.177 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.006 min
Lab File: VV034150.D
Acq: 13 Feb 2024 13:12

Instrument :
MSVOA_V
ClientSampleId :

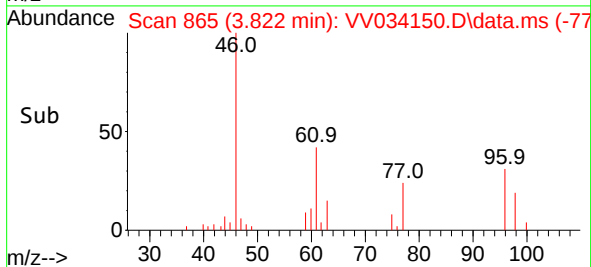
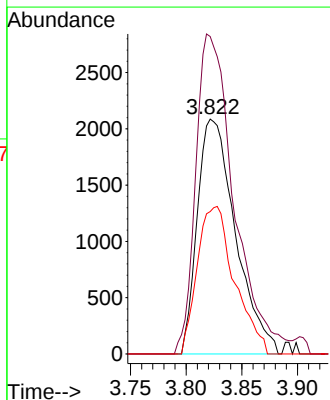
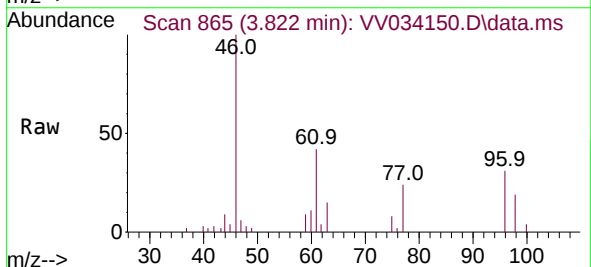


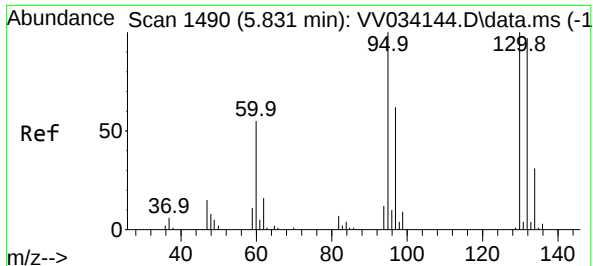
Tgt Ion:	84	Resp:	918
Ion	Ratio	Lower	Upper
84	100		
86	56.4	44.7	83.1
49	110.4	93.7	173.9



#22
cis-1,2-Dichloroethene
Concen: 0.797 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV034150.D
Acq: 13 Feb 2024 13:12

Tgt Ion:	96	Resp:	4979
Ion	Ratio	Lower	Upper
96	100		
61	135.2	90.3	167.7
98	60.7	43.2	80.2





#34

Trichloroethene

Concen: 10.998 ug/L

RT: 5.831 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70407

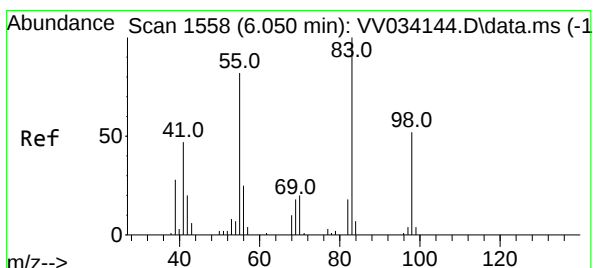
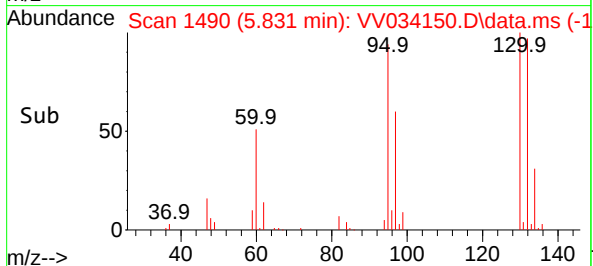
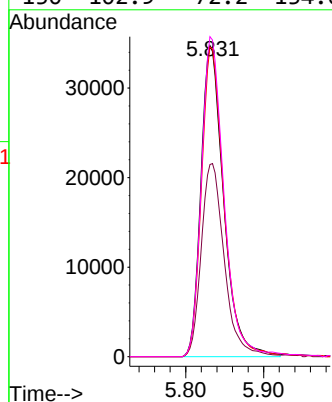
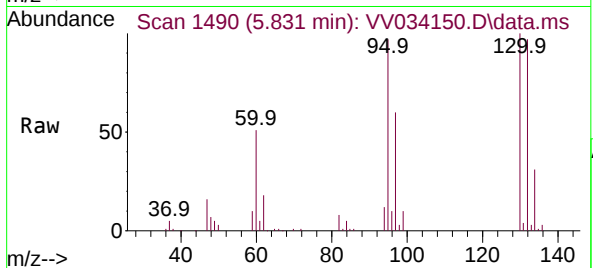
Ion Ratio Lower Upper

95 100

97 61.8 45.1 83.7

132 99.5 66.0 122.6

130 102.9 72.2 134.0



#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

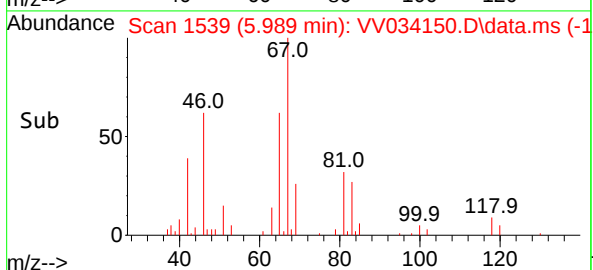
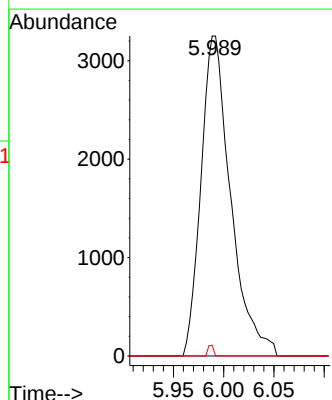
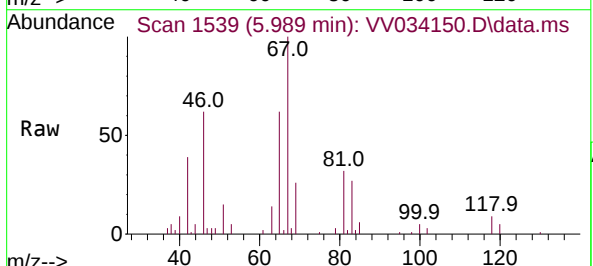
Tgt Ion: 83 Resp: 6666

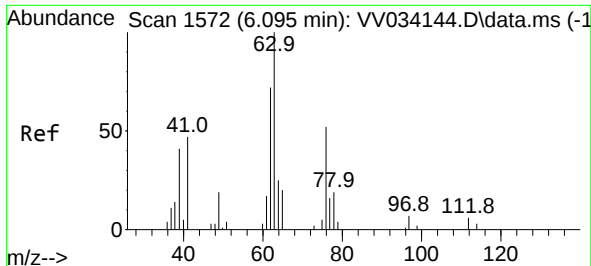
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

Instrument :

MSVOA_V

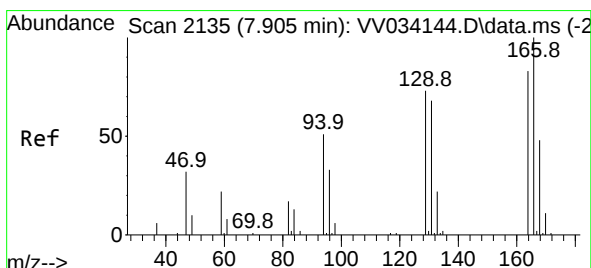
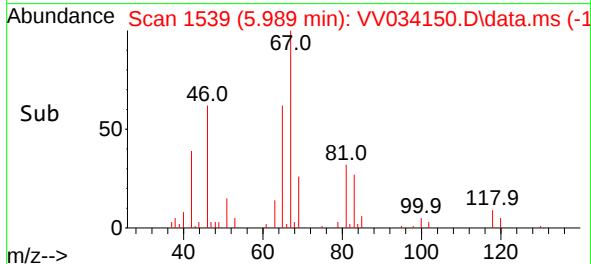
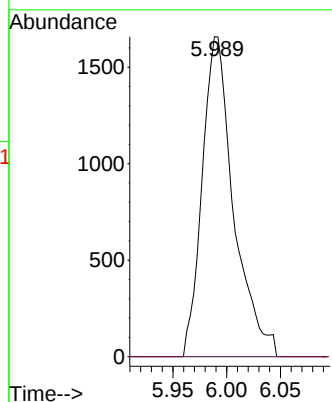
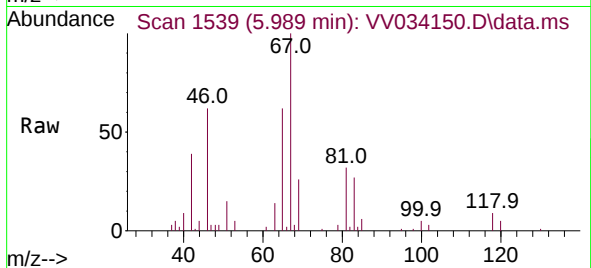
ClientSampleId :

Tgt Ion: 63 Resp: 3374

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 1.885 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

Tgt Ion:164 Resp: 9804

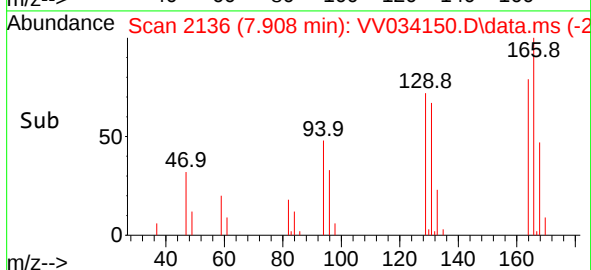
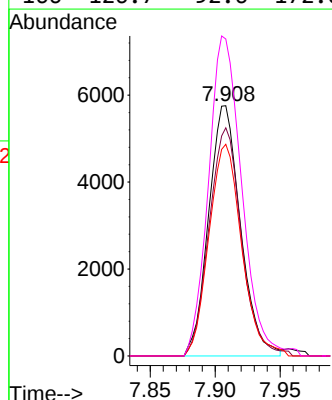
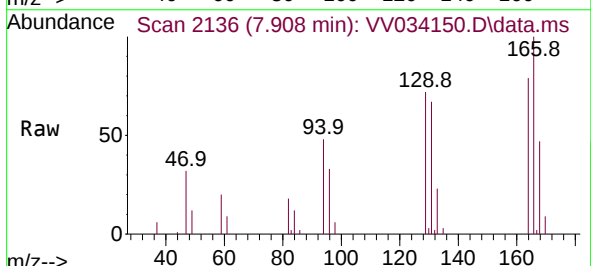
Ion Ratio Lower Upper

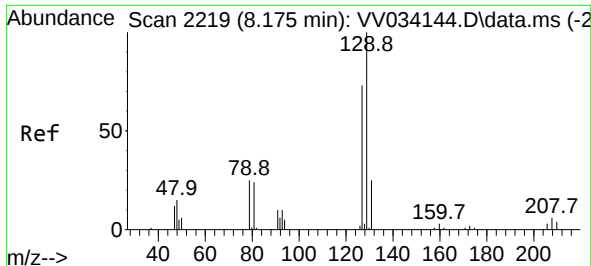
164 100

129 91.2 67.8 125.8

131 84.6 63.0 117.0

166 126.7 92.6 172.0





#49

Dibromochloromethane

Concen: 2.282 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

Instrument :

MSVOA_V

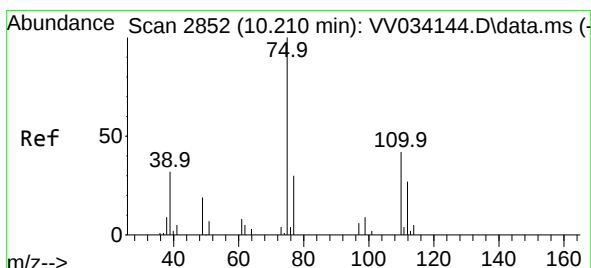
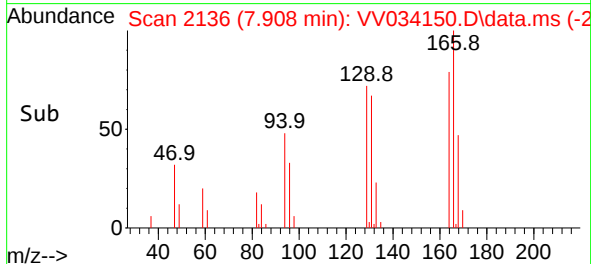
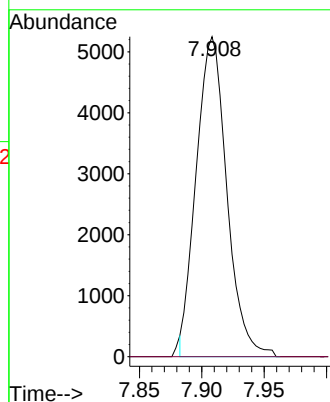
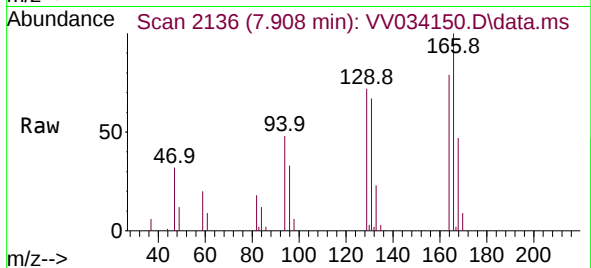
ClientSampleId :

Tgt Ion:129 Resp: 8972

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.731 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034150.D

Acq: 13 Feb 2024 13:12

Tgt Ion: 75 Resp: 4459

Ion Ratio Lower Upper

75 100

77 39.8 26.9 40.3

110 2.6 33.3 49.9#

