

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034172.D
 Acq On : 14 Feb 2024 11:22
 Operator : SY/MD
 Sample : P1402-08DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 01:28:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

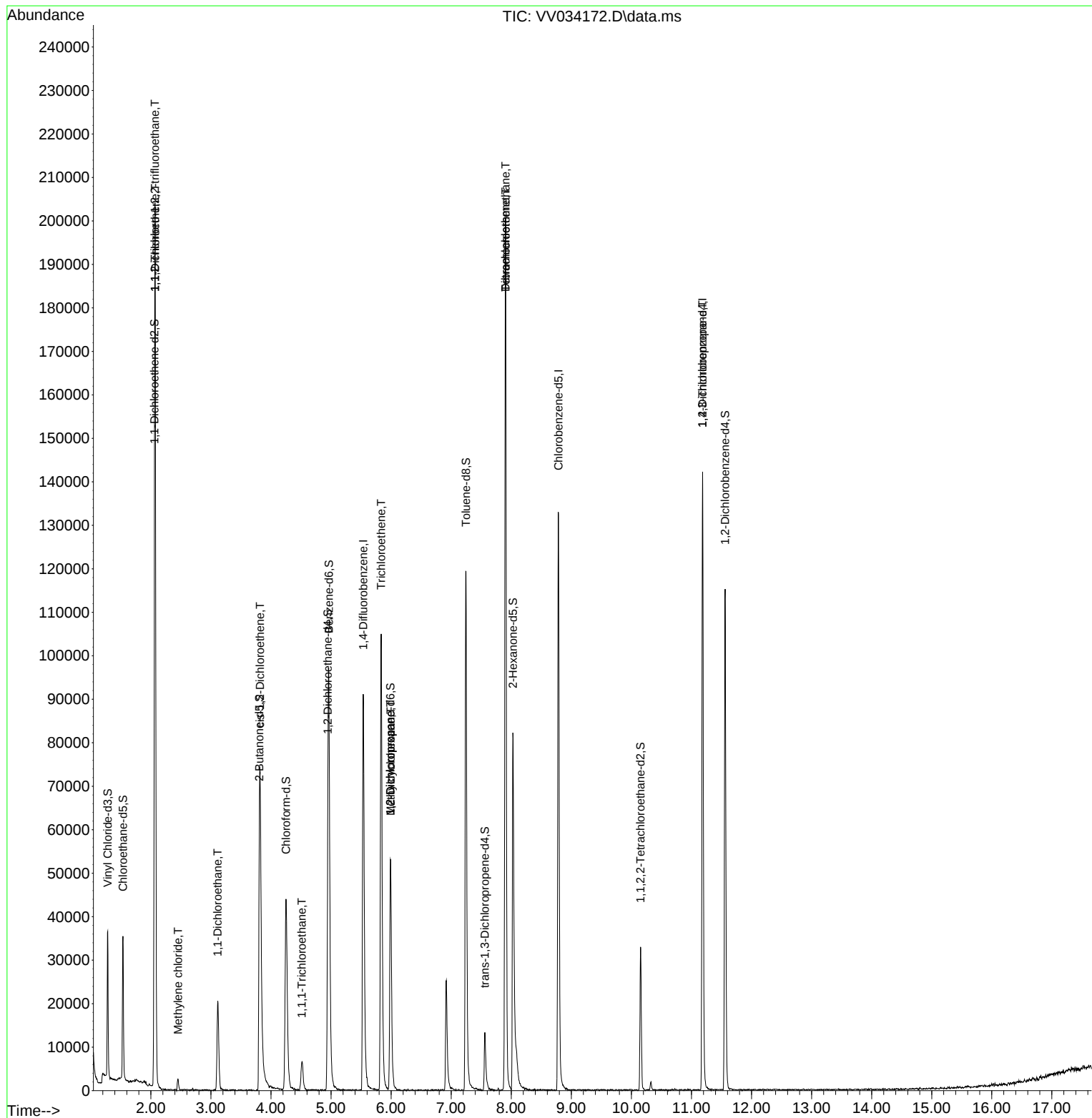
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	80103	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22011	3.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.536	69	20586	3.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.060	65	11623	3.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.806	46	39349	37.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.540%
24) Chloroform-d	4.249	84	46732	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.947	65	22728	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	4.963	84	85527	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	5.989	67	24482	4.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.246	98	80833	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.561	79	8934	3.886	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.027	63	28131	34.279	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.560%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14668	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	29274	4.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1617	0.281	ug/L #	73
12) 1,1-Dichloroethene	2.073	96	46078	8.234	ug/L #	84
16) Methylene chloride	2.452	84	1132	0.211	ug/L	87
19) 1,1-Dichloroethane	3.114	63	20930	1.998	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	31203	4.825	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	6097	0.626	ug/L	96
34) Trichloroethene	5.834	95	35906	5.698	ug/L	96
35) Methylcyclohexane	5.992	83	5925	0.599	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3414	0.647	ug/L #	87
47) Tetrachloroethene	7.905	164	43584	8.512	ug/L	95
49) Dibromochloromethane	7.905	129	38393	9.920	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4638	1.810	ug/L #	65

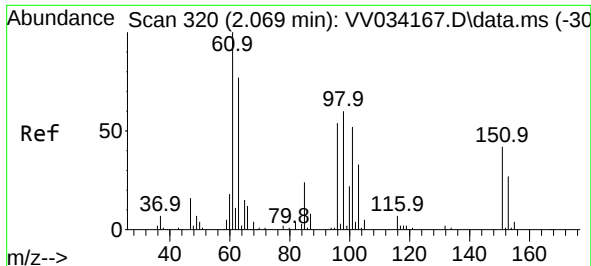
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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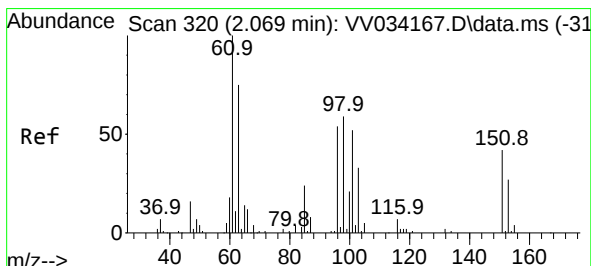
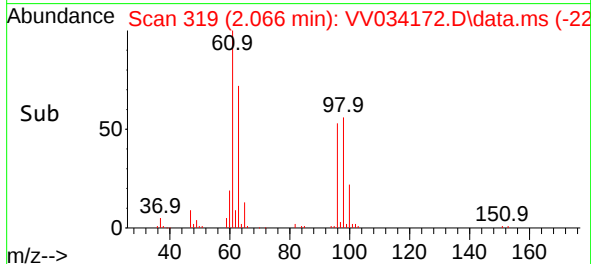
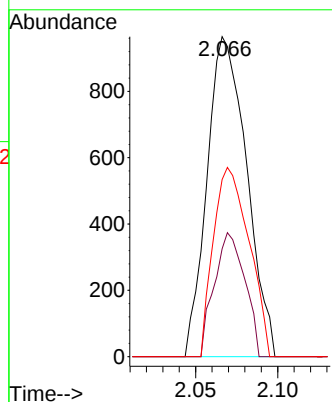
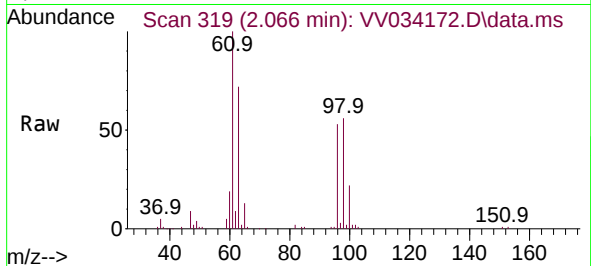




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.281 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV034172.D
 Acq: 14 Feb 2024 11:22

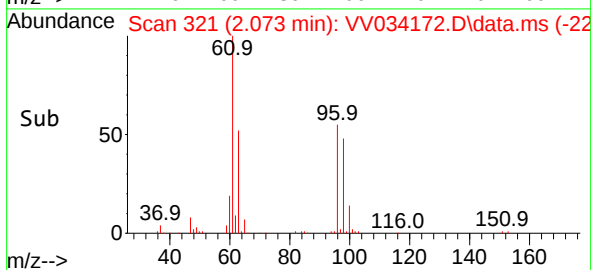
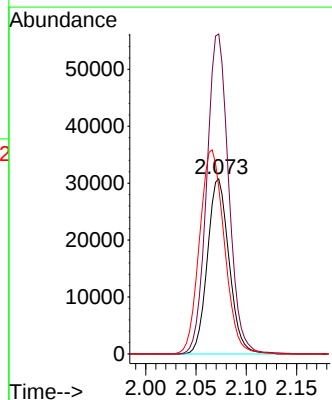
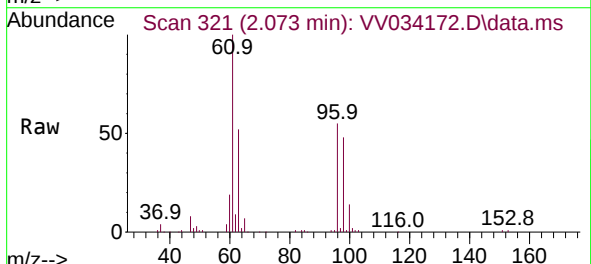
Instrument :
 MSVOA_V
 ClientSampleId :

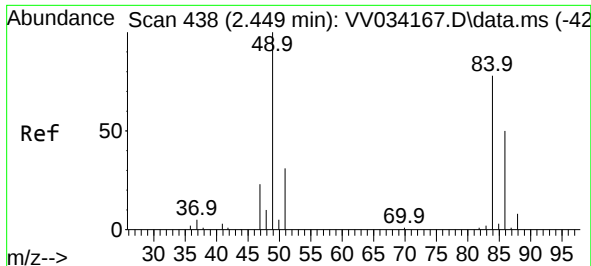
Tgt Ion:101 Resp: 1617
 Ion Ratio Lower Upper
 101 100
 85 29.8 37.1 55.7#
 151 53.3 61.7 92.5#



#12
 1,1-Dichloroethene
 Concen: 8.234 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV034172.D
 Acq: 14 Feb 2024 11:22

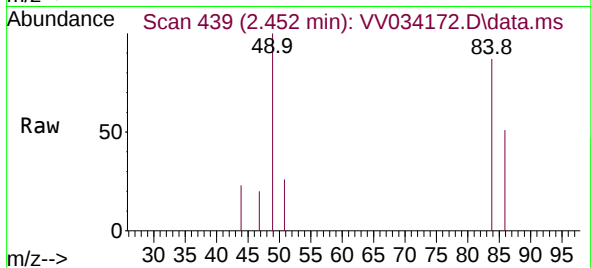
Tgt Ion: 96 Resp: 46078
 Ion Ratio Lower Upper
 96 100
 61 182.9 128.8 239.2
 63 95.2 97.9 181.9#





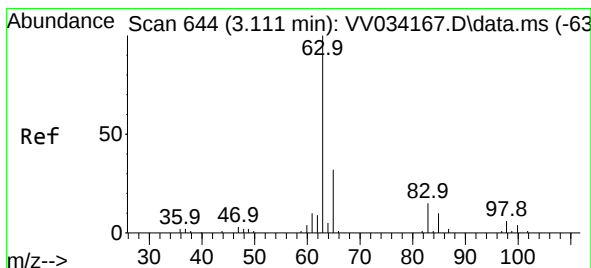
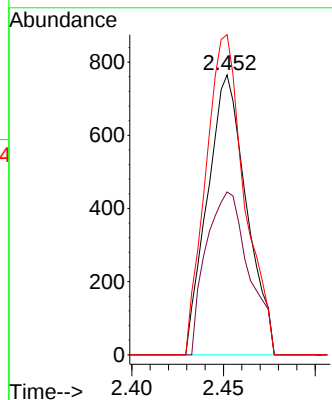
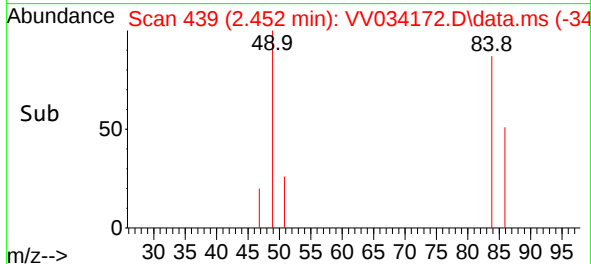
#16
Methylene chloride
Concen: 0.211 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034172.D
Acq: 14 Feb 2024 11:22

Instrument :
MSVOA_V
ClientSampleId :

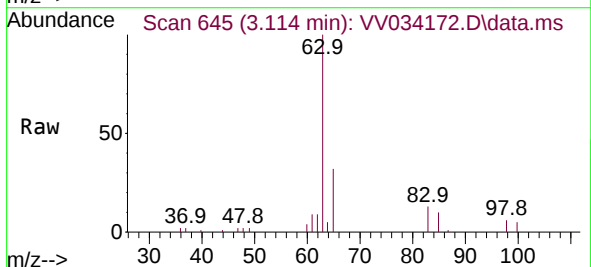


Tgt Ion: 84 Resp: 1132

Ion	Ratio	Lower	Upper
84	100		
86	58.2	44.7	83.1
49	114.4	93.7	173.9

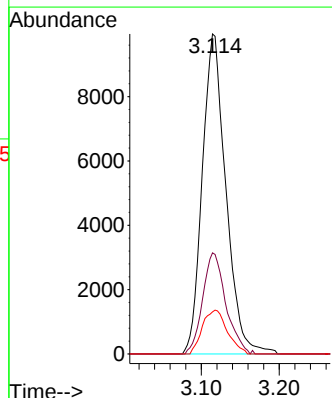
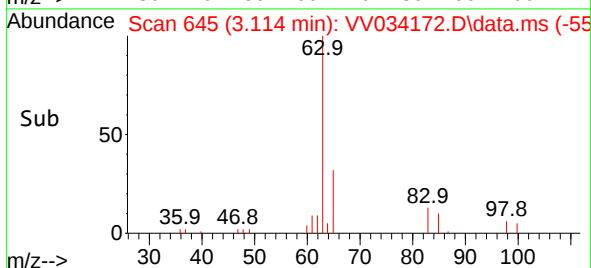


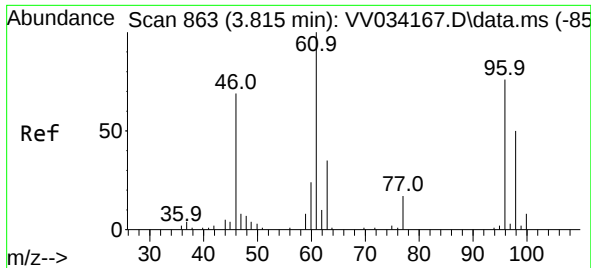
#19
1,1-Dichloroethane
Concen: 1.998 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034172.D
Acq: 14 Feb 2024 11:22



Tgt Ion: 63 Resp: 20930

Ion	Ratio	Lower	Upper
63	100		
65	30.1	20.8	38.6
83	12.6	9.4	17.4





#22

cis-1,2-Dichloroethene

Concen: 4.825 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

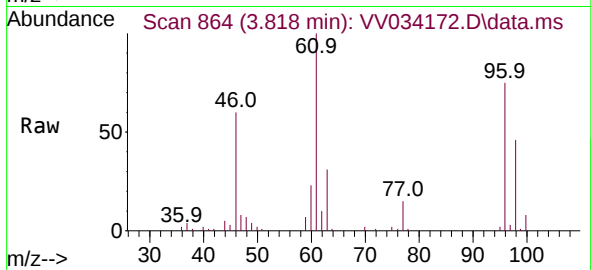
Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

Instrument :

MSVOA_V

ClientSampleId :



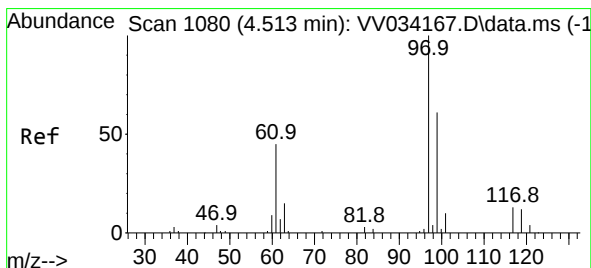
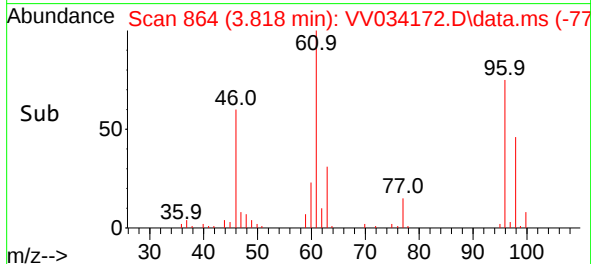
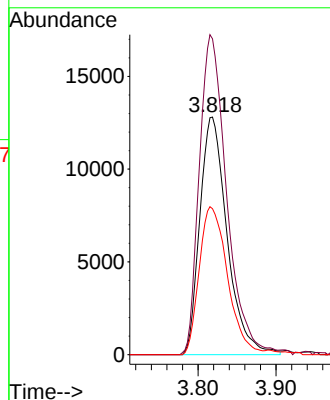
Tgt Ion: 96 Resp: 31203

Ion Ratio Lower Upper

96 100

61 132.9 90.3 167.7

98 61.4 43.2 80.2



#29

1,1,1-Trichloroethane

Concen: 0.626 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

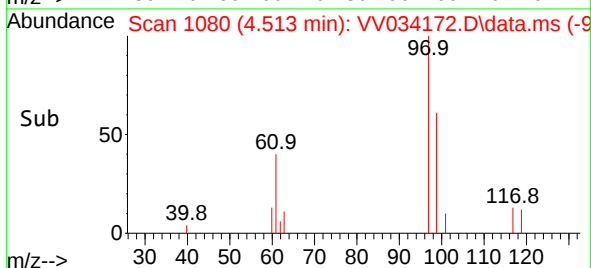
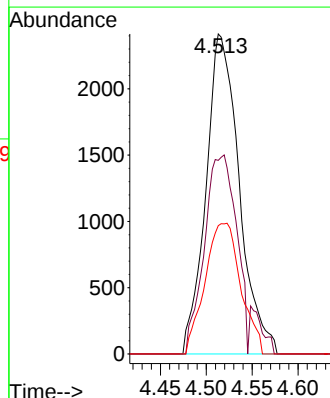
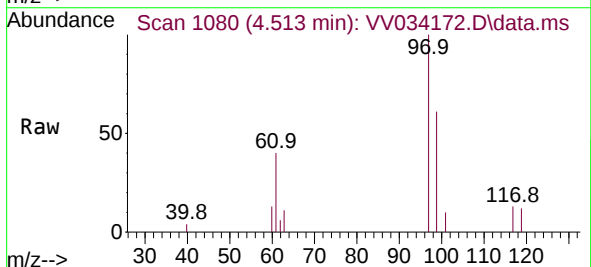
Tgt Ion: 97 Resp: 6097

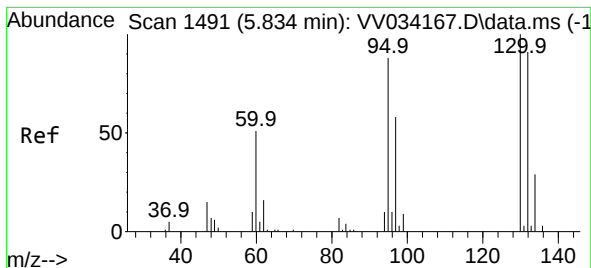
Ion Ratio Lower Upper

97 100

99 59.8 50.6 75.8

61 43.8 36.8 55.2





#34

Trichloroethene

Concen: 5.698 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

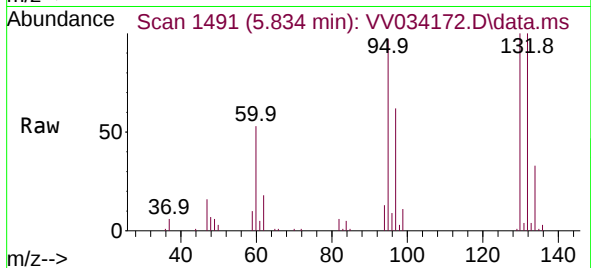
Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 35906

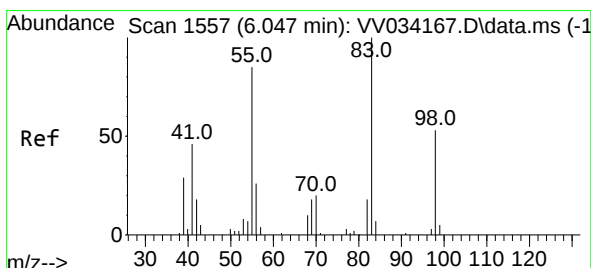
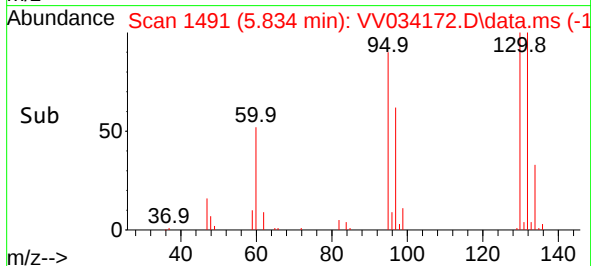
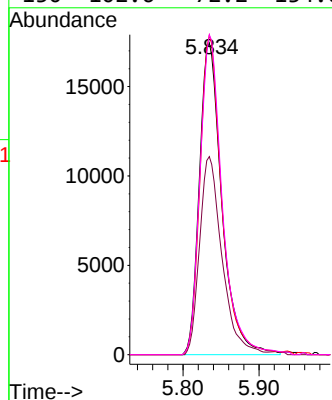
Ion Ratio Lower Upper

95 100

97 63.5 45.1 83.7

132 102.5 66.0 122.6

130 102.6 72.2 134.0



#35

Methylcyclohexane

Concen: 0.599 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

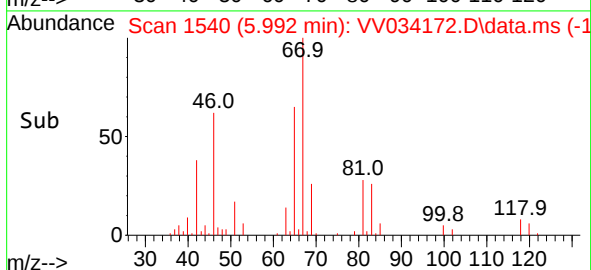
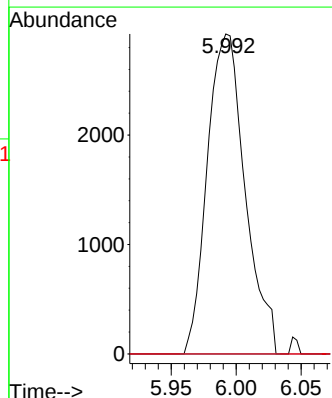
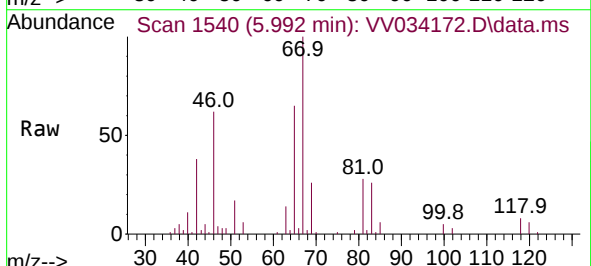
Tgt Ion: 83 Resp: 5925

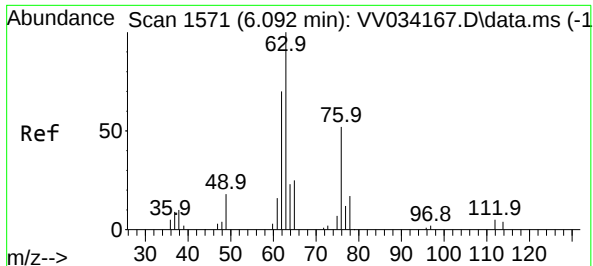
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

Instrument :

MSVOA_V

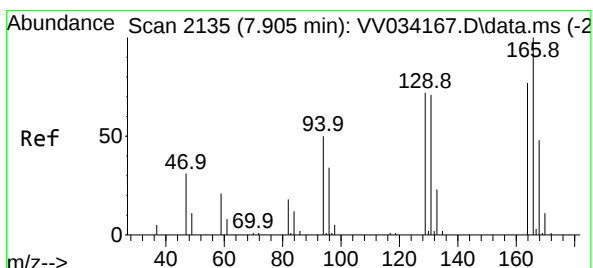
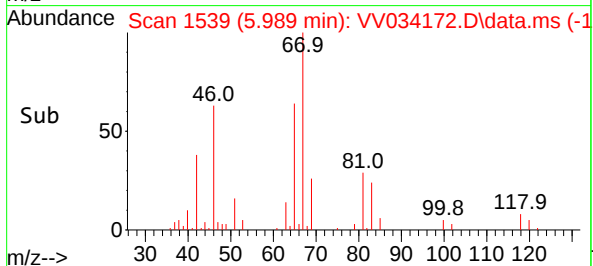
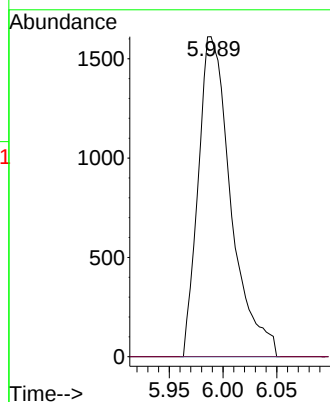
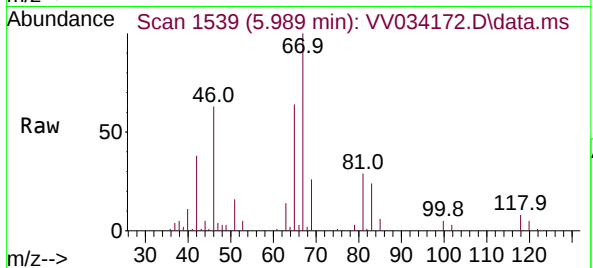
ClientSampleId :

Tgt Ion: 63 Resp: 3414

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 8.512 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

Tgt Ion:164 Resp: 43584

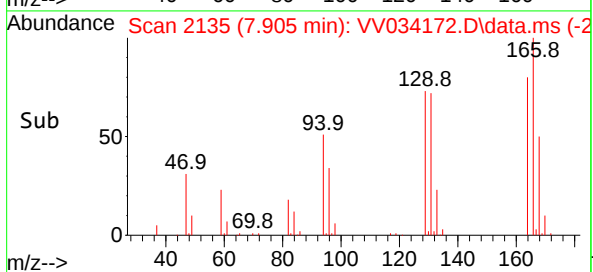
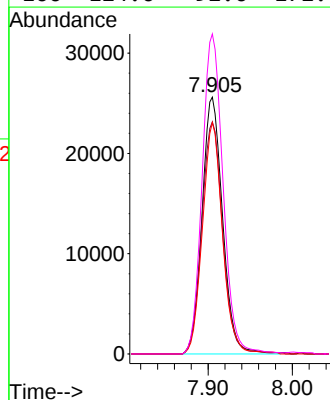
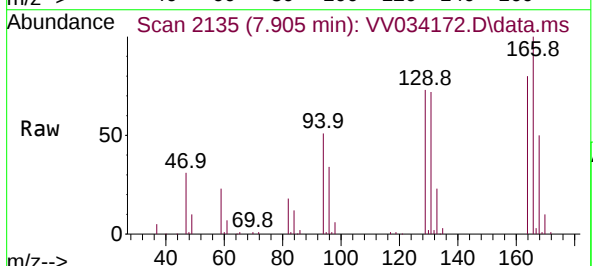
Ion Ratio Lower Upper

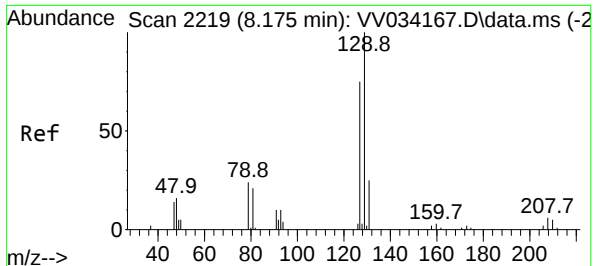
164 100

129 90.4 67.8 125.8

131 90.1 63.0 117.0

166 124.6 92.6 172.0





#49

Dibromochloromethane

Concen: 9.920 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

Instrument :

MSVOA_V

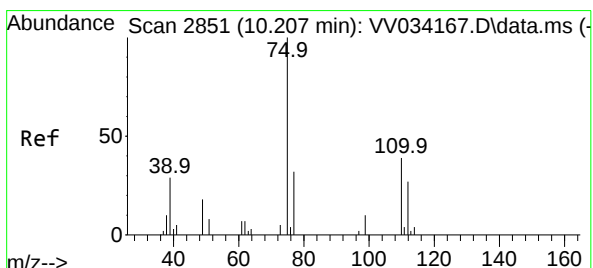
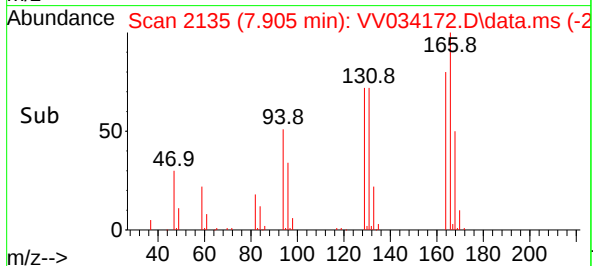
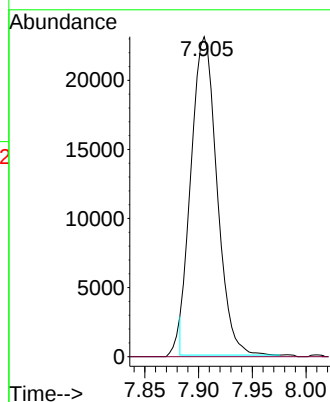
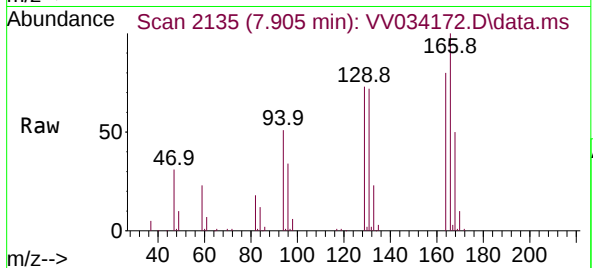
ClientSampleId :

Tgt Ion:129 Resp: 38393

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.810 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV034172.D

Acq: 14 Feb 2024 11:22

Tgt Ion: 75 Resp: 4638

Ion Ratio Lower Upper

75 100

77 35.2 26.9 40.3

110 3.3 33.3 49.9#

