

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034157.D
 Acq On : 13 Feb 2024 15:58
 Operator : SY/MD
 Sample : P1455-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:45:00 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)

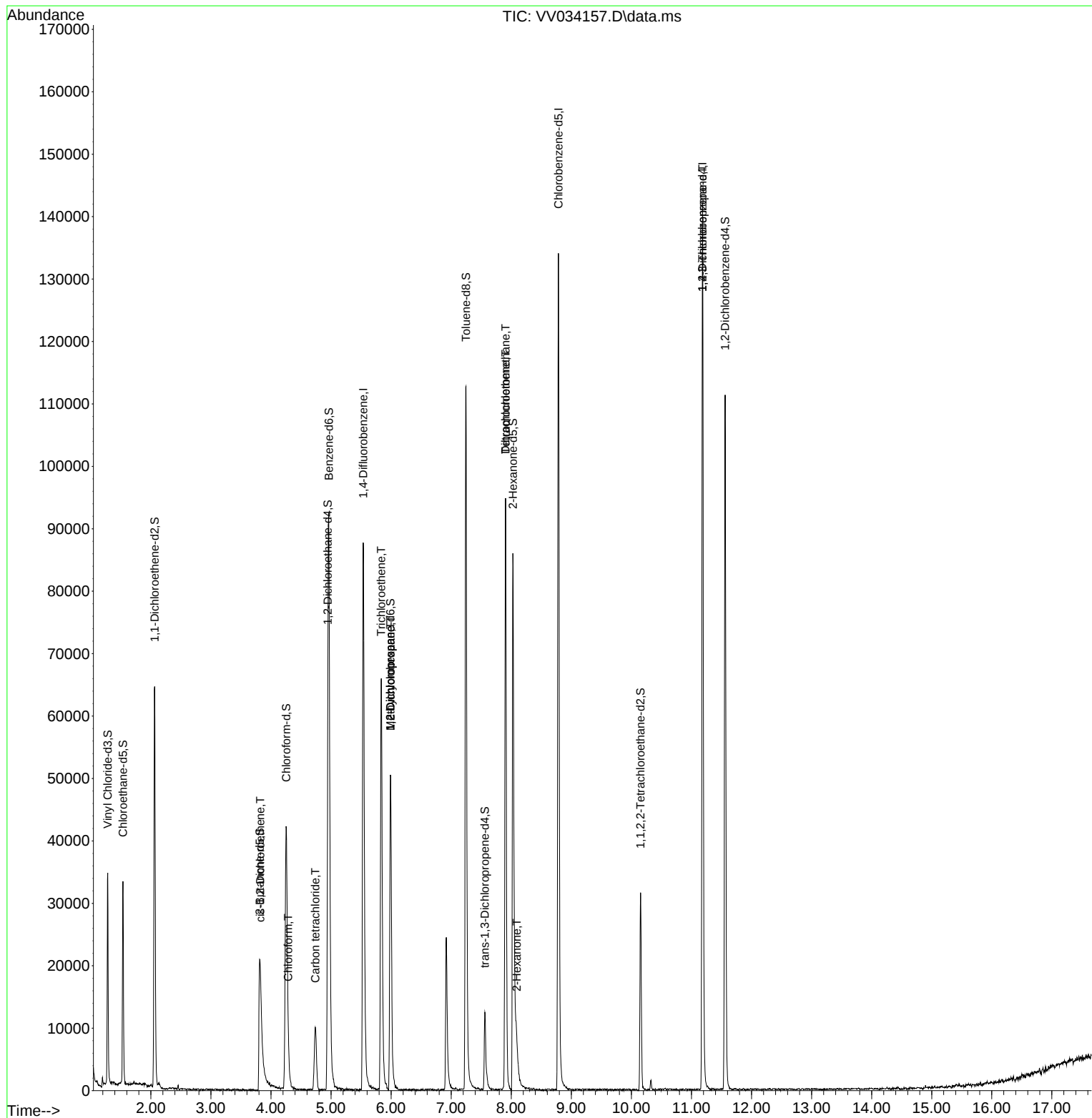
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76633	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21844	3.681	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.536	69	20155	3.877	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.600%	
11) 1,1-Dichloroethene-d2	2.063	65	11087	3.874	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.400%	
20) 2-Butanone-d5	3.812	46	38621	38.746	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.500%	
24) Chloroform-d	4.253	84	44172	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	4.947	65	22852	4.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	4.963	84	83189	3.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
36) 1,2-Dichloropropane-d6	5.989	67	23147	3.786	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	75.800%	
41) Toluene-d8	7.246	98	75730	3.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.400%	
43) trans-1,3-Dichloroprop...	7.561	79	8560	3.708	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.027	63	28934	35.110	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.220%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14367	3.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28521	4.236	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.800%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.822	96	1991	0.322	ug/L	88
25) Chloroform	4.288	83	4187	0.413	ug/L #	71
31) Carbon tetrachloride	4.738	117	8101	0.946	ug/L	100
34) Trichloroethene	5.834	95	23398	3.698	ug/L	97
35) Methylcyclohexane	5.989	83	5881	0.592	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	2939	0.555	ug/L #	87
47) Tetrachloroethene	7.905	164	20431	3.974	ug/L	97
48) 2-Hexanone	8.092	43	6314	3.532	ug/L #	70
49) Dibromochloromethane	7.905	129	18262	4.699	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4233	1.663	ug/L #	56

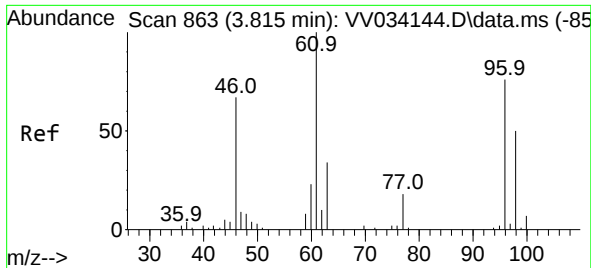
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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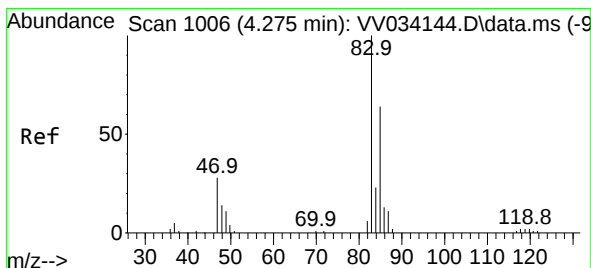
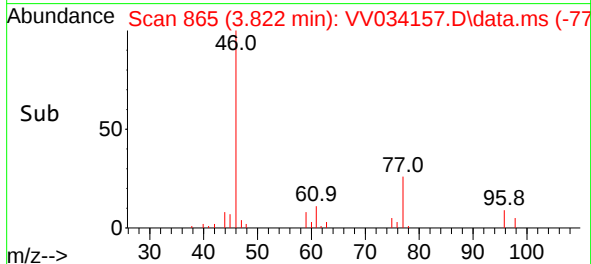
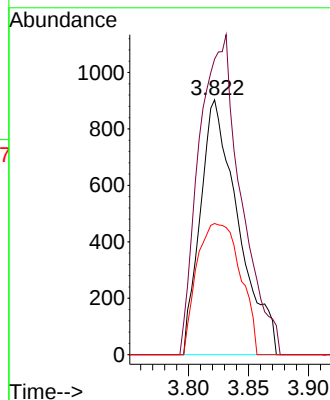
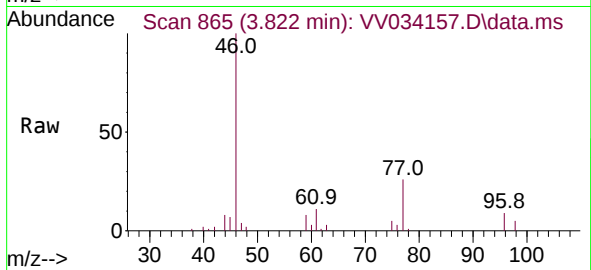




#22
cis-1,2-Dichloroethene
Concen: 0.322 ug/L
RT: 3.822 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV034157.D
Acq: 13 Feb 2024 15:58

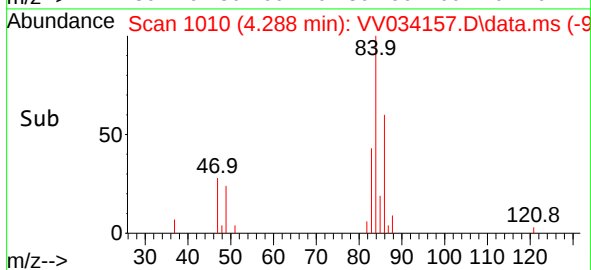
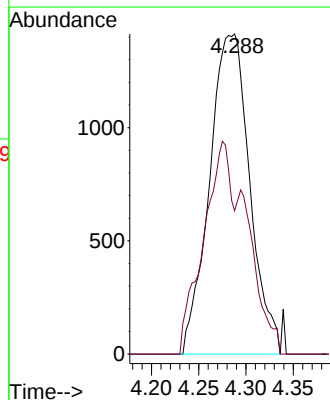
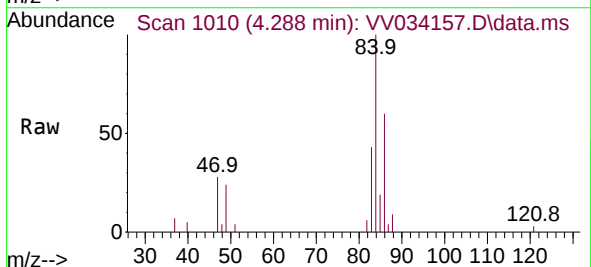
Instrument :
MSVOA_V
ClientSampleId :

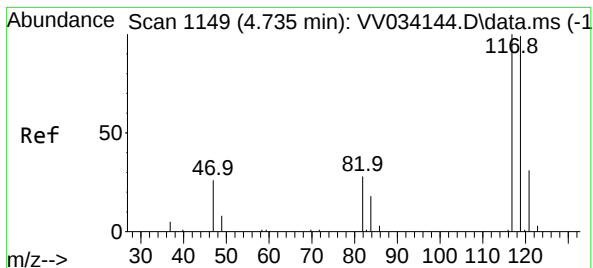
Tgt Ion: 96 Resp: 1991
Ion Ratio Lower Upper
96 100
61 116.1 90.3 167.7
98 51.5 43.2 80.2



#25
Chloroform
Concen: 0.413 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.013 min
Lab File: VV034157.D
Acq: 13 Feb 2024 15:58

Tgt Ion: 83 Resp: 4187
Ion Ratio Lower Upper
83 100
85 44.8 47.5 88.1#





#31

Carbon tetrachloride

Concen: 0.946 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Instrument :

MSVOA_V

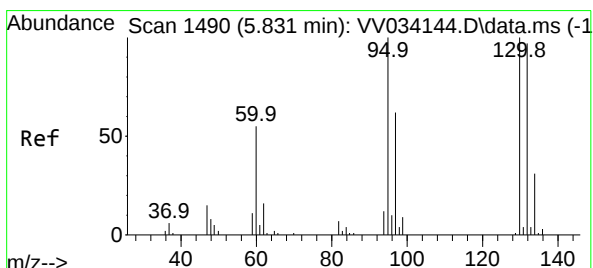
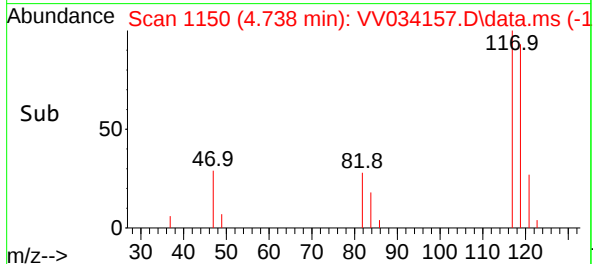
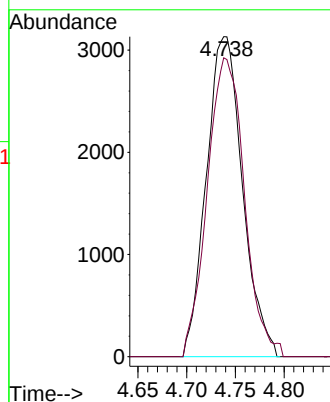
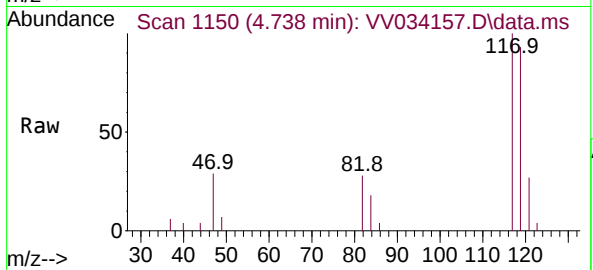
ClientSampleId :

Tgt Ion:117 Resp: 8101

Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1



#34

Trichloroethene

Concen: 3.698 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Tgt Ion: 95 Resp: 23398

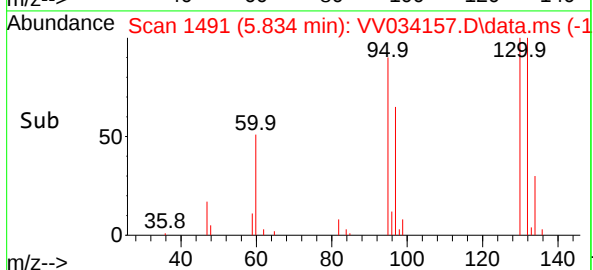
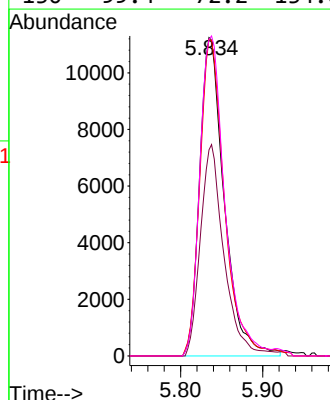
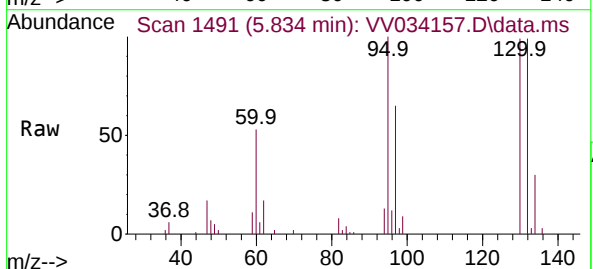
Ion Ratio Lower Upper

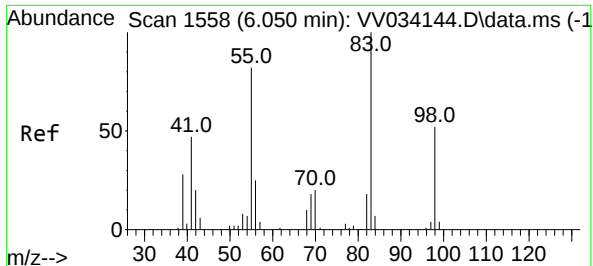
95 100

97 64.7 45.1 83.7

132 99.5 66.0 122.6

130 99.4 72.2 134.0





#35

Methylcyclohexane

Concen: 0.592 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034157.D

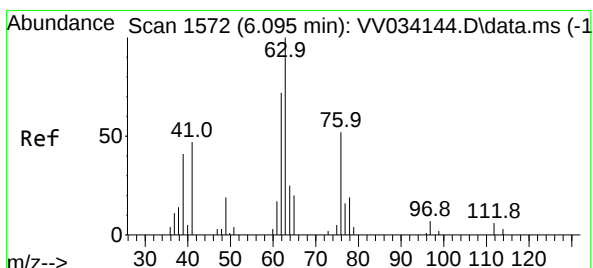
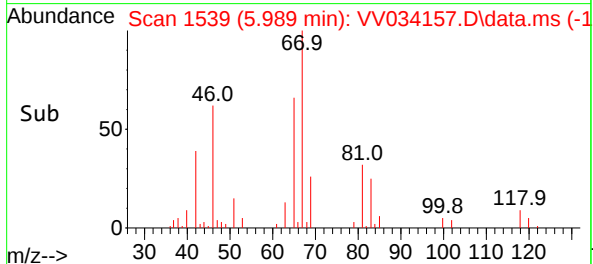
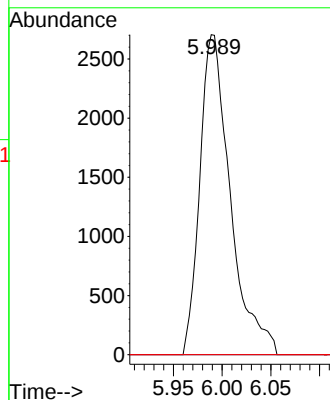
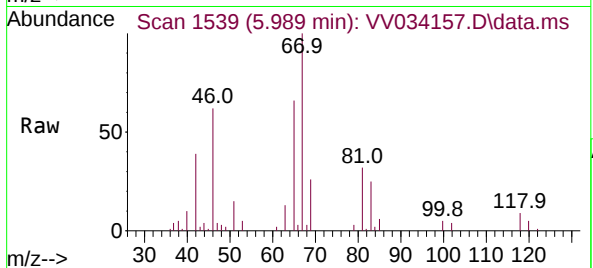
Acq: 13 Feb 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	5881
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	2.6	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.555 ug/L

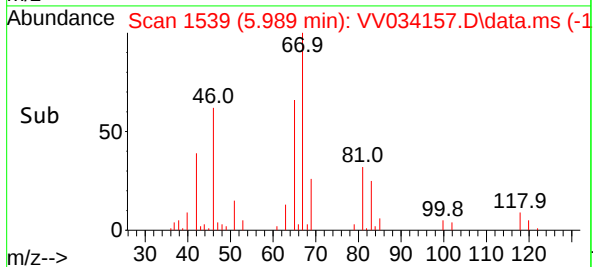
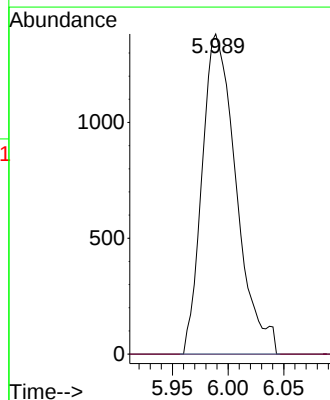
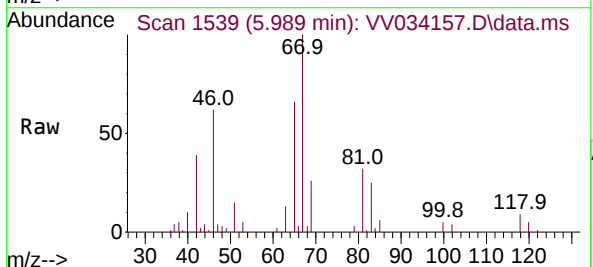
RT: 5.989 min Scan# 1539

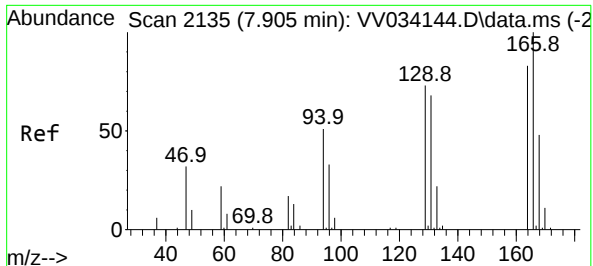
Delta R.T. -0.106 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Tgt Ion:	63	Resp:	2939
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#47

Tetrachloroethene

Concen: 3.974 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

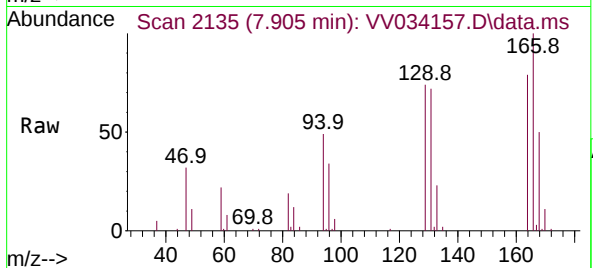
Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 20431

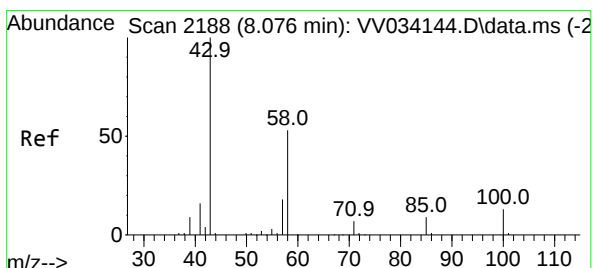
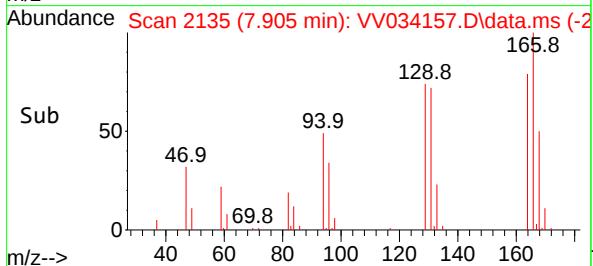
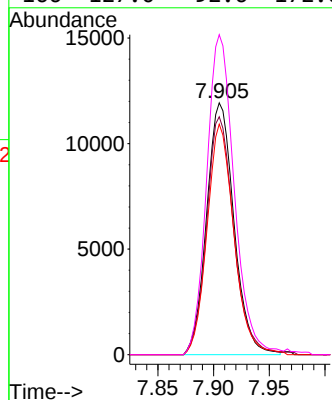
Ion Ratio Lower Upper

164 100

129 94.5 67.8 125.8

131 91.5 63.0 117.0

166 127.0 92.6 172.0



#48

2-Hexanone

Concen: 3.532 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.016 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Tgt Ion: 43 Resp: 6314

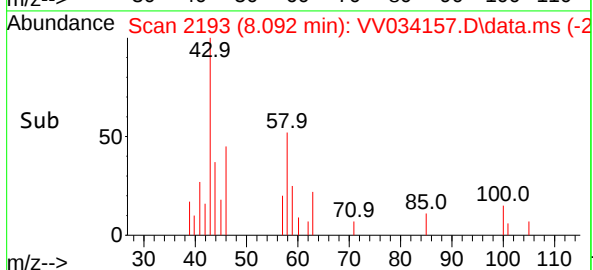
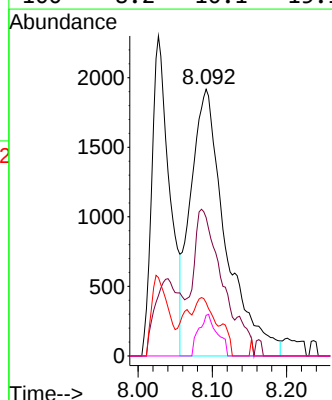
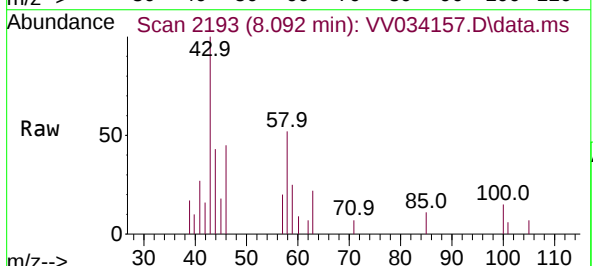
Ion Ratio Lower Upper

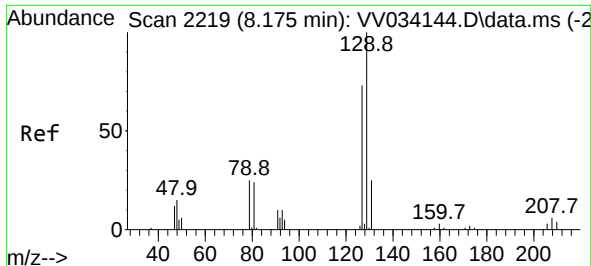
43 100

58 29.4 42.6 64.0#

57 5.4 15.5 23.3#

100 8.2 10.1 15.1#





#49

Dibromochloromethane

Concen: 4.699 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Instrument :

MSVOA_V

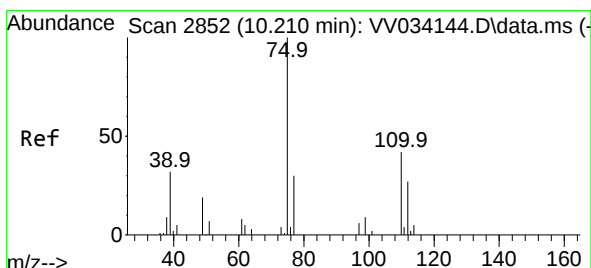
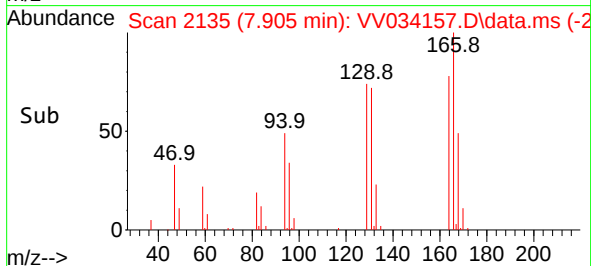
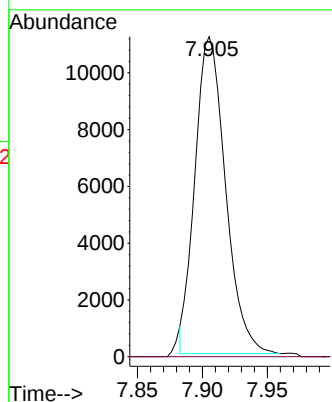
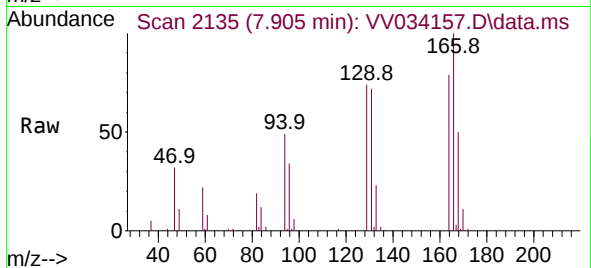
ClientSampleId :

Tgt Ion:129 Resp: 18262

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.663 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034157.D

Acq: 13 Feb 2024 15:58

Tgt Ion: 75 Resp: 4233

Ion Ratio Lower Upper

75 100

77 42.5 26.9 40.3#

110 0.0 33.3 49.9#

