

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034131.D
 Acq On : 12 Feb 2024 11:47
 Operator : SY/MD
 Sample : P1402-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 13 00:45:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

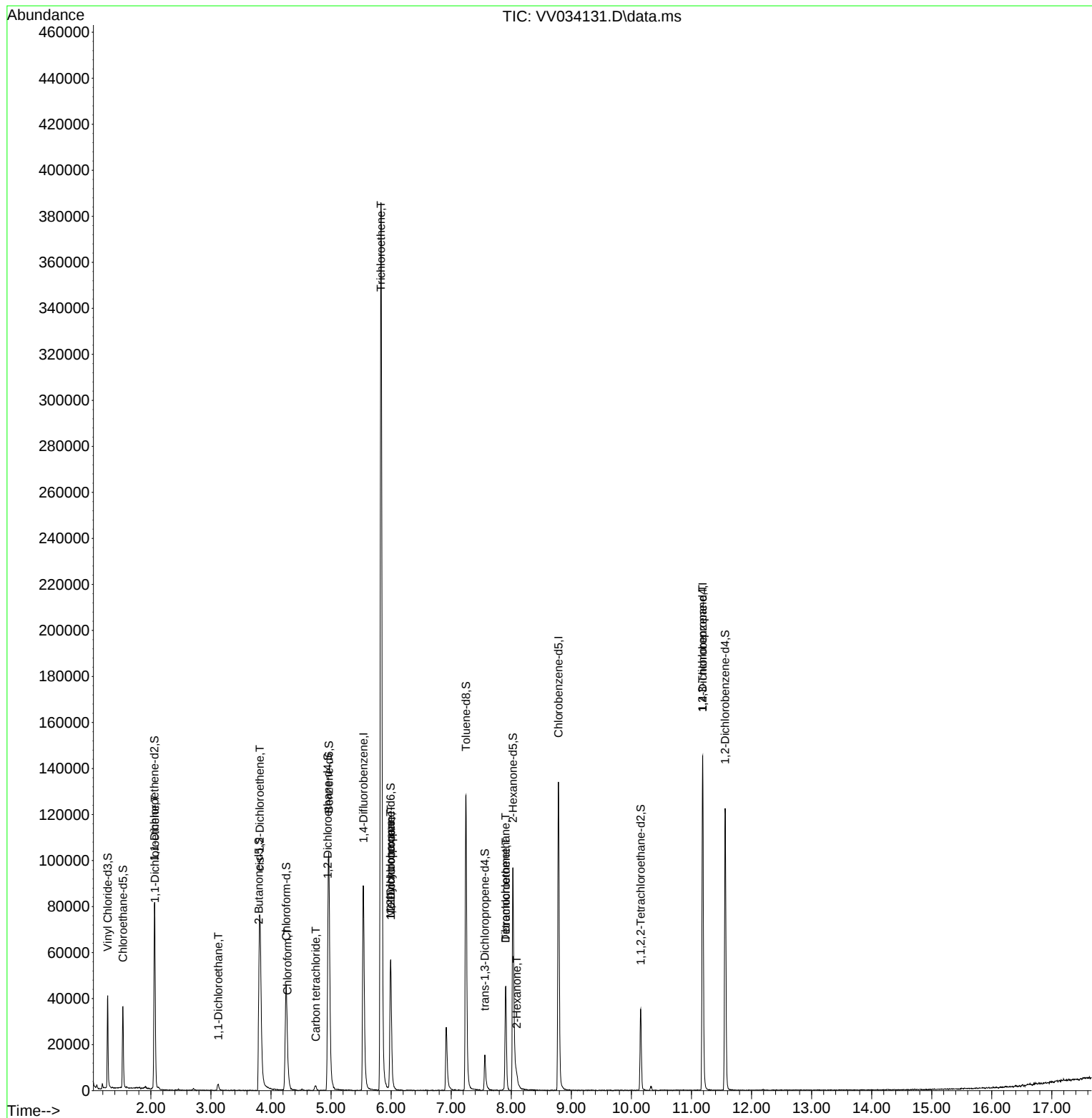
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79712	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25516	4.133	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.535	69	22565	4.173	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.060	65	12365	4.153	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.000%	
20) 2-Butanone-d5	3.799	46	42812	41.292	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.580%	
24) Chloroform-d	4.252	84	47515	4.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	4.947	65	24536	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	4.963	84	93184	4.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	5.992	67	25801	4.176	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.246	98	85829	4.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	7.561	79	10051	4.309	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.027	63	35267	42.349	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.700%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16409	4.381	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	30821	4.490	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	3257	0.585	ug/L #	1
19) 1,1-Dichloroethane	3.124	63	3161	0.303	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	34553	5.370	ug/L	98
25) Chloroform	4.275	83	2277	0.216	ug/L	87
31) Carbon tetrachloride	4.748	117	1600	0.185	ug/L	92
34) Trichloroethene	5.831	95	130093	20.344	ug/L	97
35) Methylcyclohexane	5.989	83	6472	0.645	ug/L #	17
37) 1,2-Dichloropropane	5.995	63	3574	0.668	ug/L #	87
47) Tetrachloroethene	7.908	164	10370	1.996	ug/L	87
48) 2-Hexanone	8.091	43	4714	2.609	ug/L #	46
49) Dibromochloromethane	7.905	129	9229	2.350	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4453	1.716	ug/L #	62

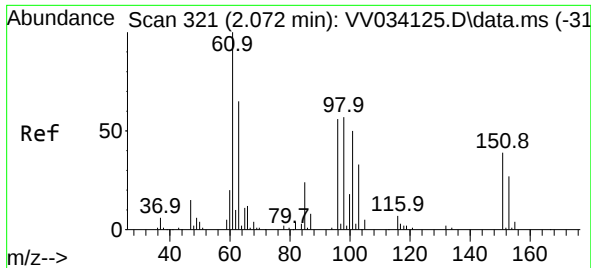
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.585 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

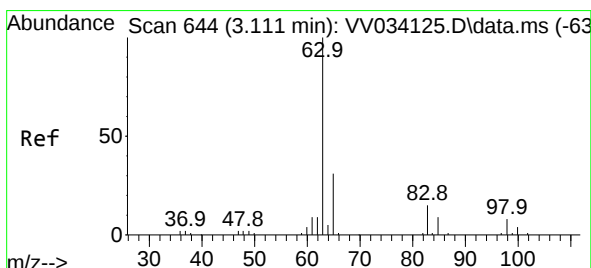
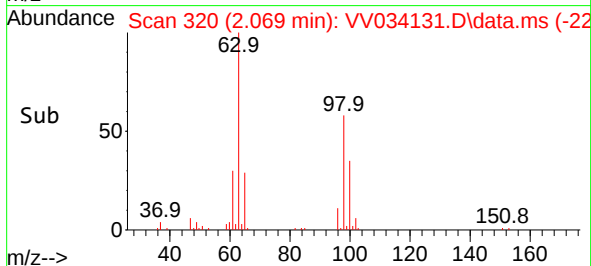
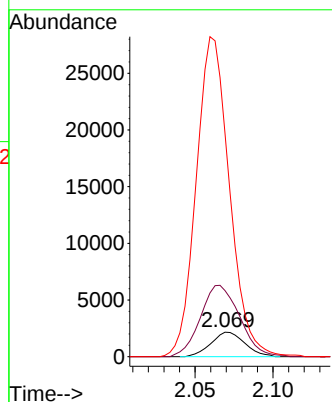
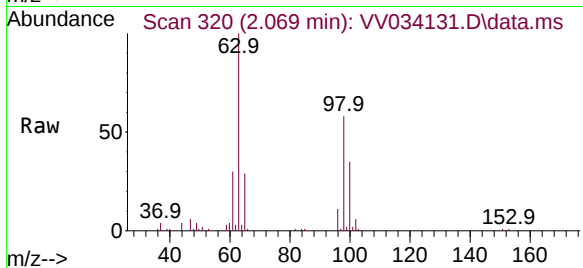
Tgt Ion: 96 Resp: 3257

Ion Ratio Lower Upper

96 100

61 270.8 128.8 239.2#

63 915.1 97.9 181.9#



#19

1,1-Dichloroethane

Concen: 0.303 ug/L

RT: 3.124 min Scan# 648

Delta R.T. 0.013 min

Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

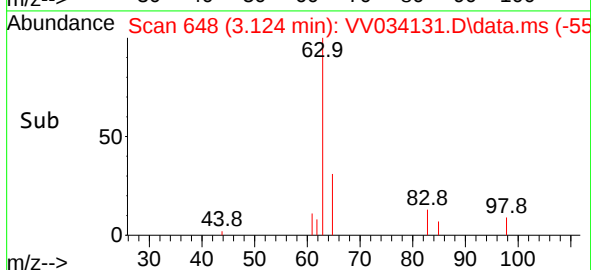
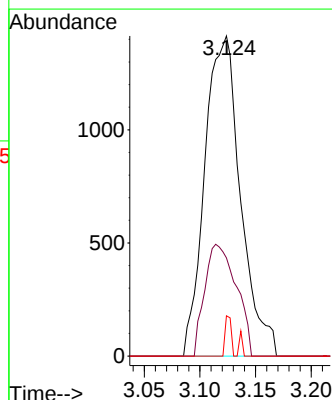
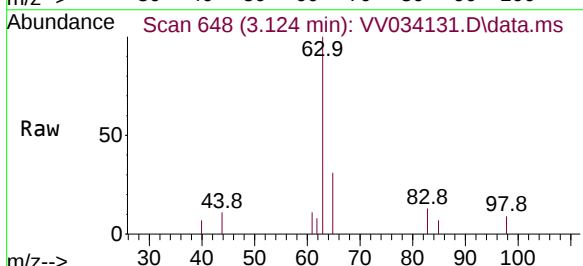
Tgt Ion: 63 Resp: 3161

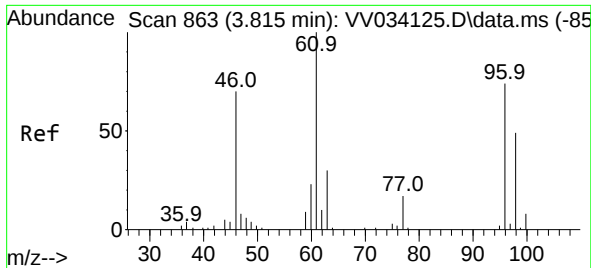
Ion Ratio Lower Upper

63 100

65 30.7 20.8 38.6

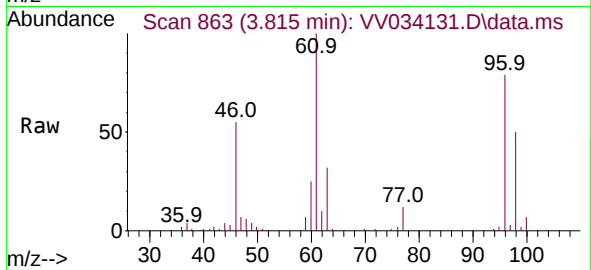
83 12.6 9.4 17.4



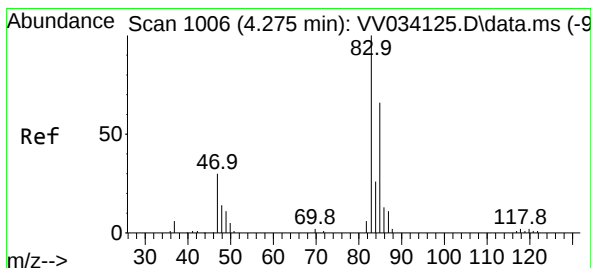
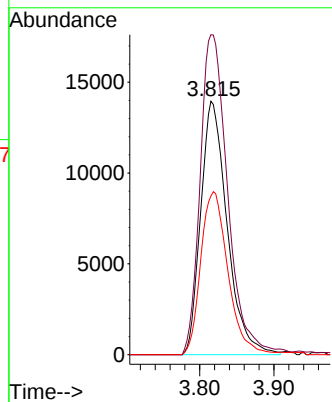
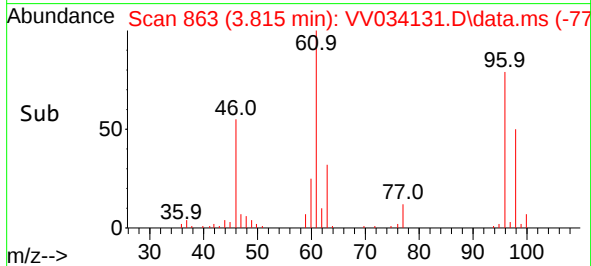


#22
cis-1,2-Dichloroethene
Concen: 5.370 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

Instrument :
MSVOA_V
ClientSampleId :

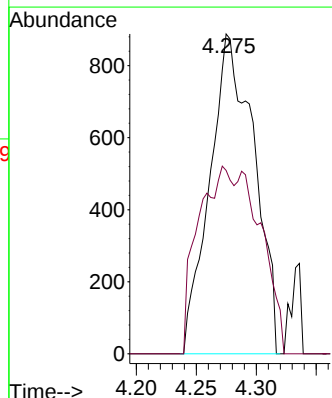
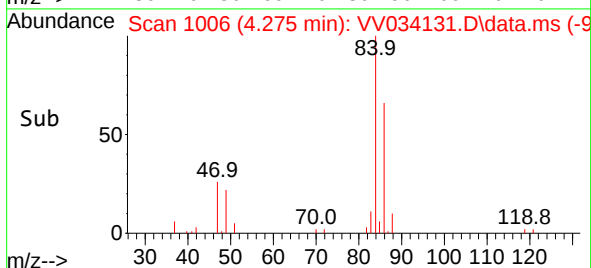
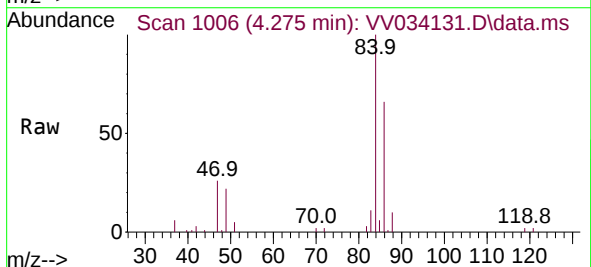


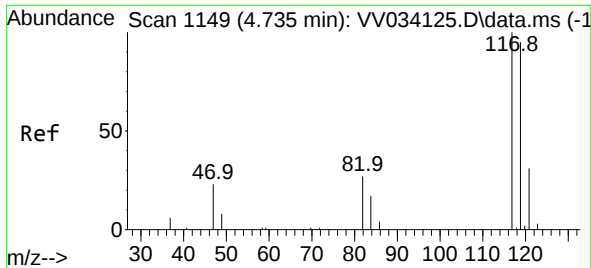
Tgt Ion: 96 Resp: 34553
Ion Ratio Lower Upper
96 100
61 126.3 90.3 167.7
98 62.6 43.2 80.2



#25
Chloroform
Concen: 0.216 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

Tgt Ion: 83 Resp: 2277
Ion Ratio Lower Upper
83 100
85 57.3 47.5 88.1

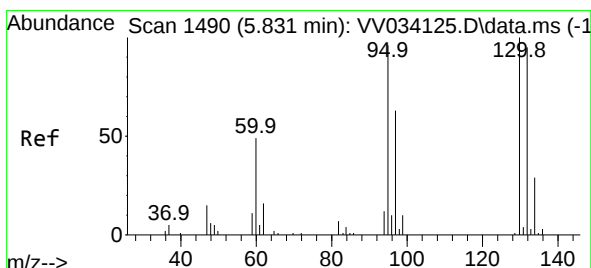
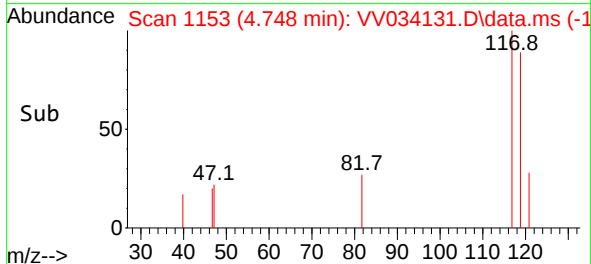
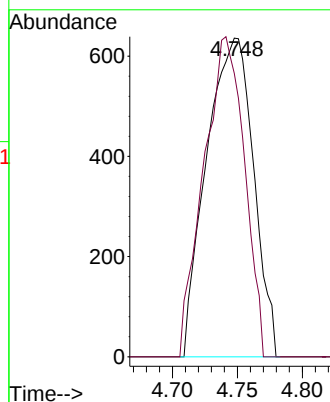
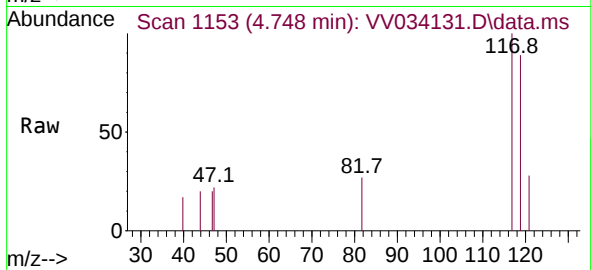




#31
Carbon tetrachloride
Concen: 0.185 ug/L
RT: 4.748 min Scan# 1149
Delta R.T. 0.013 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

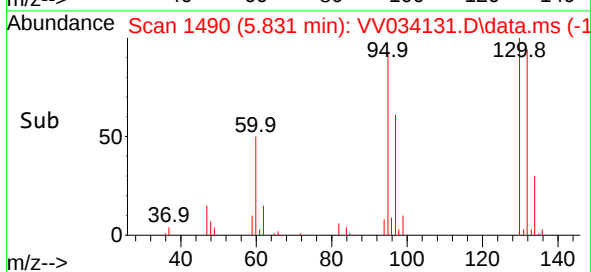
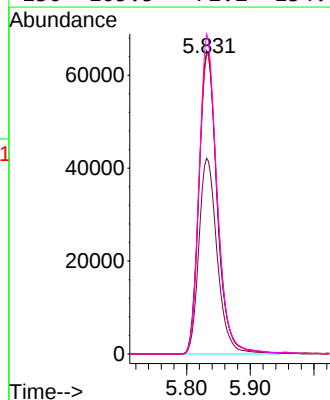
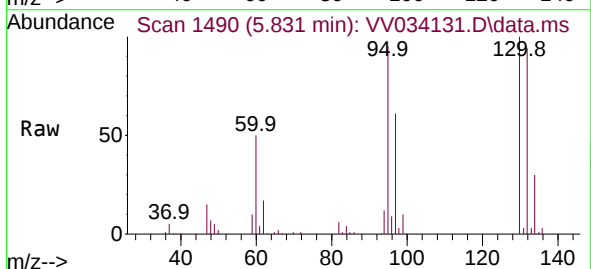
Instrument :
MSVOA_V
ClientSampleId :

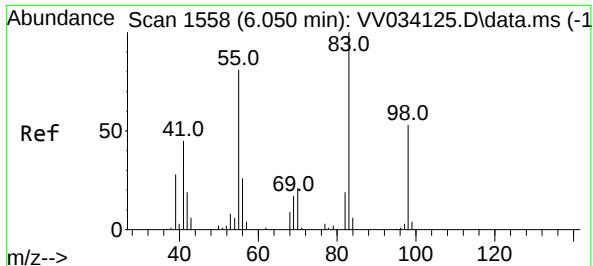
Tgt Ion:117 Resp: 1600
Ion Ratio Lower Upper
117 100
119 86.9 76.1 114.1



#34
Trichloroethene
Concen: 20.344 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

Tgt Ion: 95 Resp: 130093
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 98.9 66.0 122.6
130 105.5 72.2 134.0





#35

Methylcyclohexane

Concen: 0.645 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

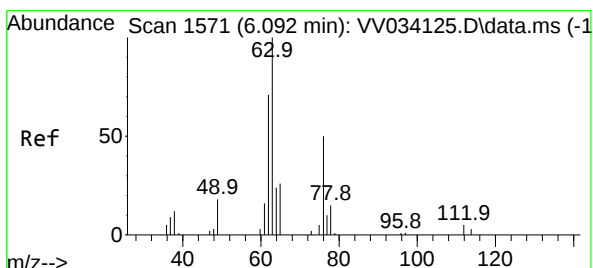
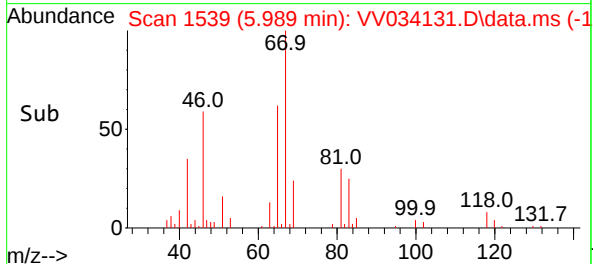
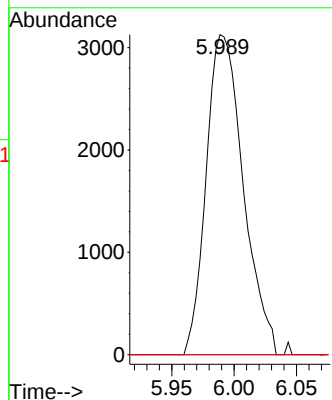
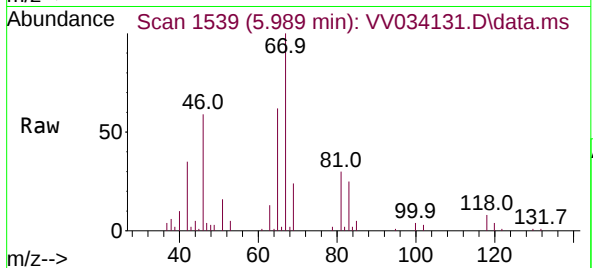
Tgt Ion: 83 Resp: 6472

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: 0.668 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.096 min

Lab File: VV034131.D

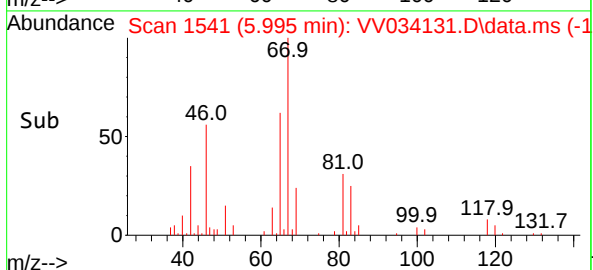
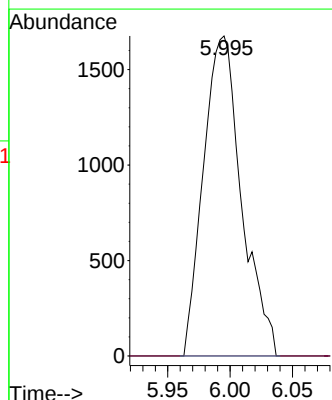
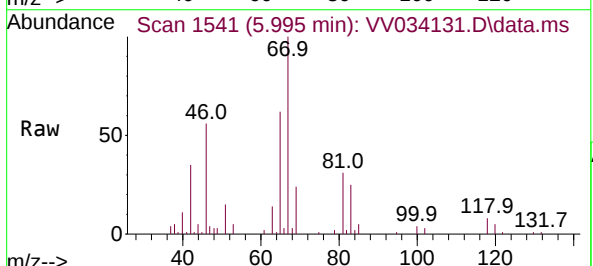
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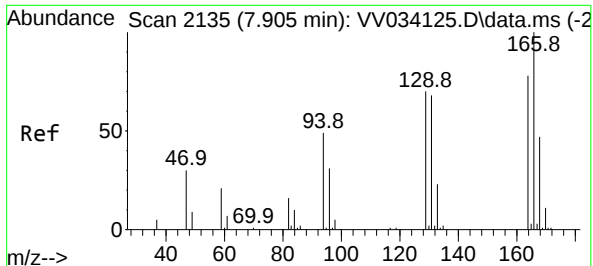
Tgt Ion: 63 Resp: 3574

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 1.996 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

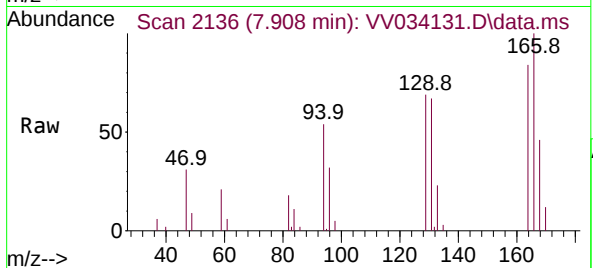
Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 10370

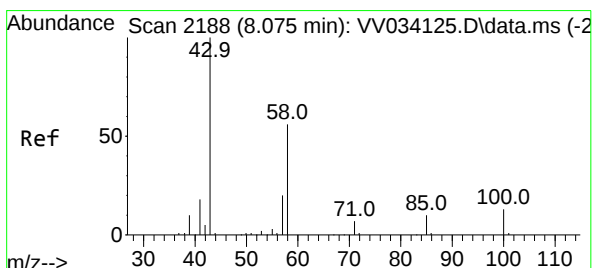
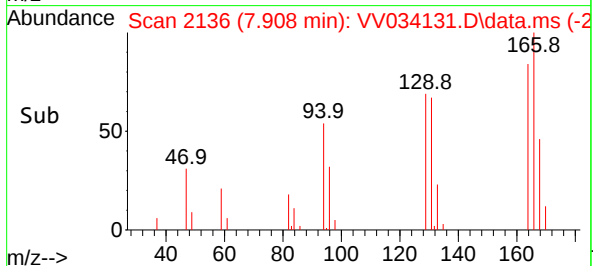
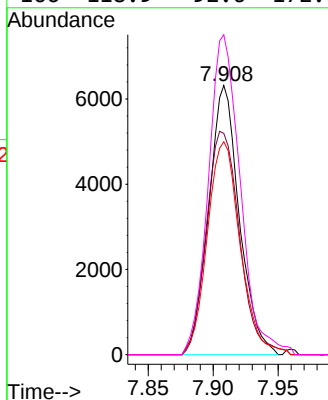
Ion Ratio Lower Upper

164 100

129 82.2 67.8 125.8

131 79.1 63.0 117.0

166 118.9 92.6 172.0



#48

2-Hexanone

Concen: 2.609 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.016 min

Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

Tgt Ion: 43 Resp: 4714

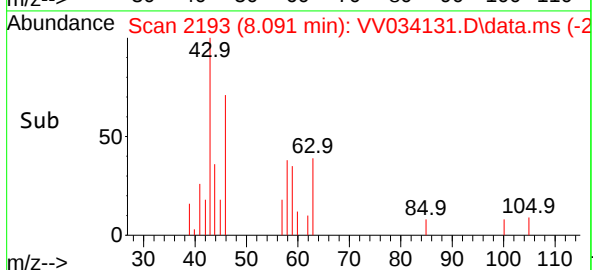
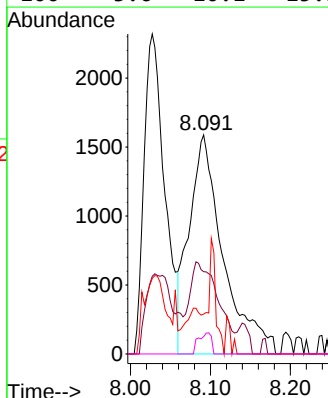
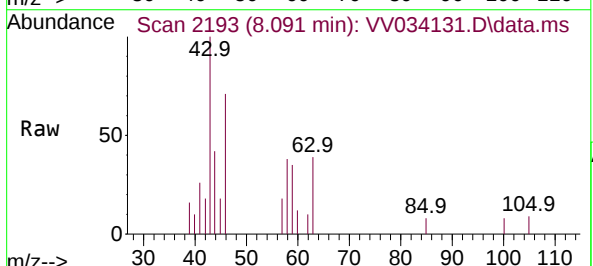
Ion Ratio Lower Upper

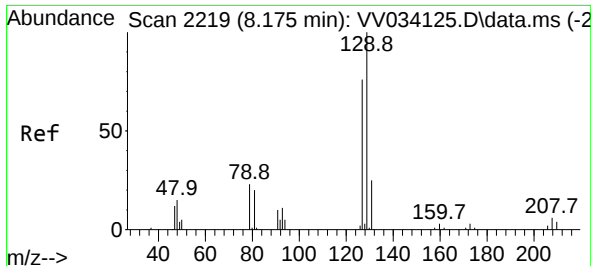
43 100

58 0.0 42.6 64.0#

57 11.0 15.5 23.3#

100 3.6 10.1 15.1#





#49

Dibromochloromethane

Concen: 2.350 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

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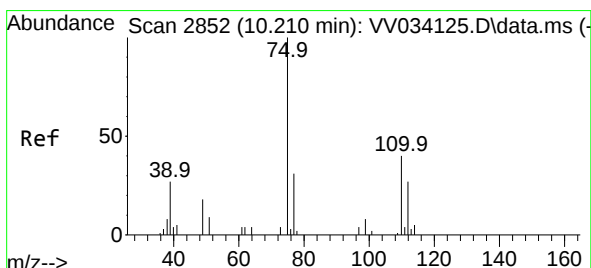
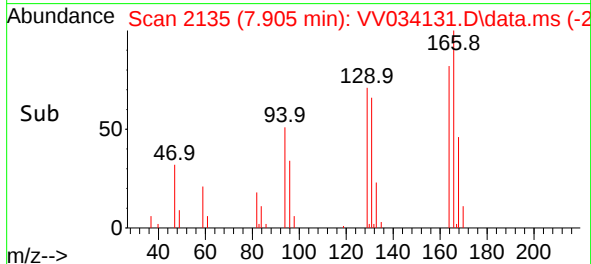
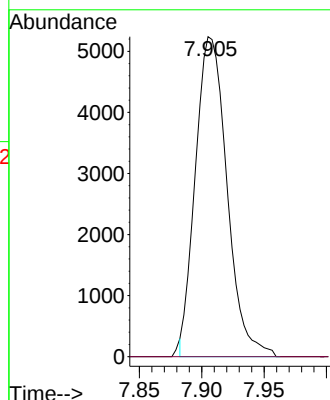
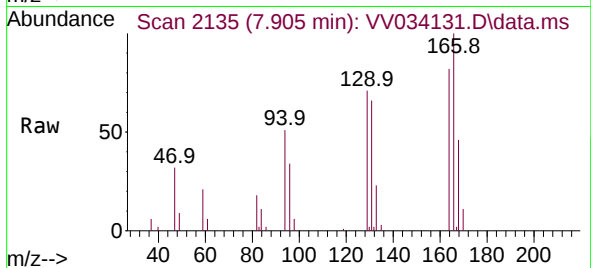
ClientSampleId :

Tgt Ion:129 Resp: 9229

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.716 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034131.D

Acq: 12 Feb 2024 11:47

Tgt Ion: 75 Resp: 4453

Ion Ratio Lower Upper

75 100

77 37.7 26.9 40.3

110 2.6 33.3 49.9#

