

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034428.D
 Acq On : 26 Feb 2024 23:31
 Operator : SY/MD
 Sample : P1535-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 05:11:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

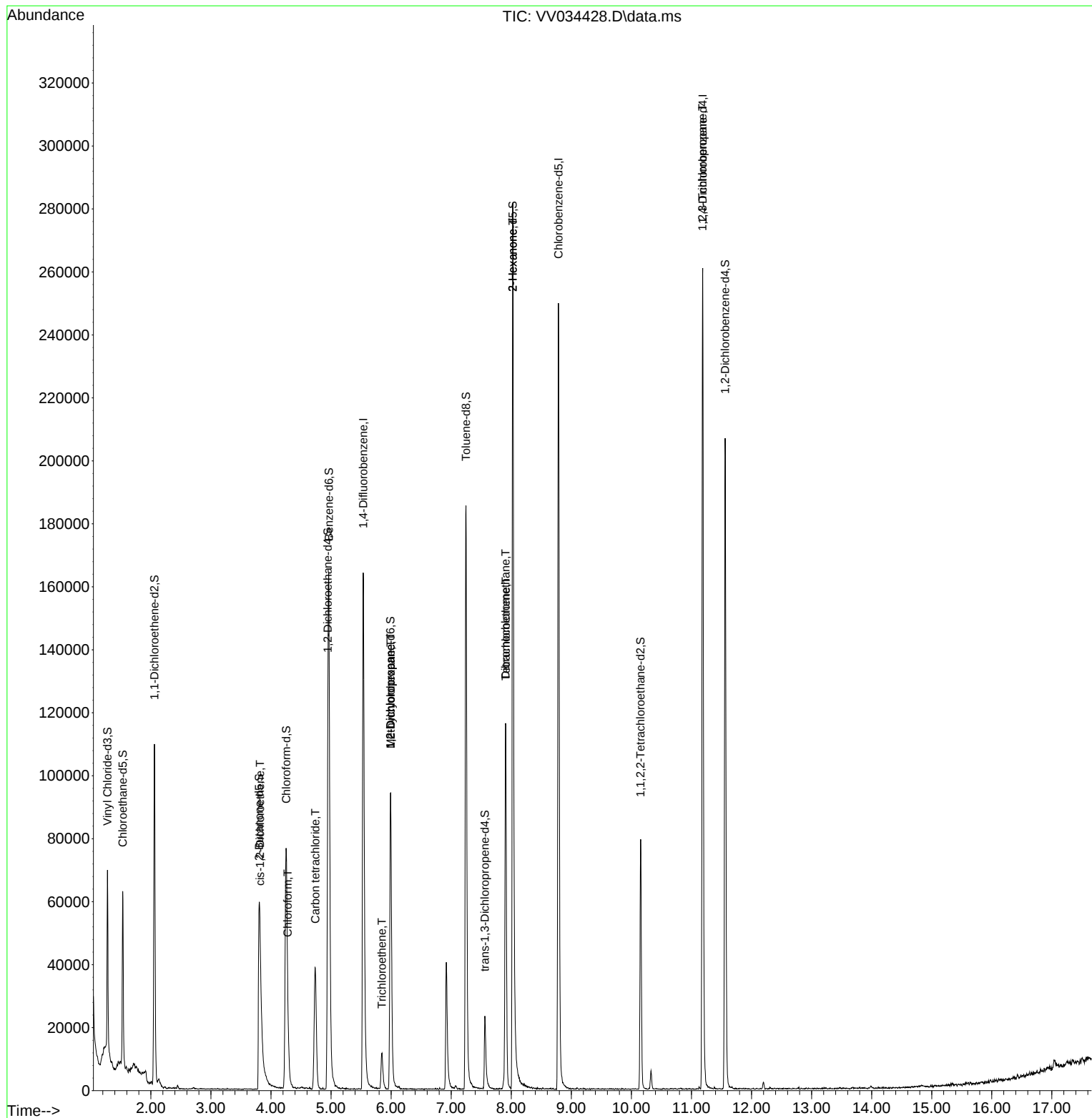
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	141490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67362	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36583	4.454	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.000%	
7) Chloroethane-d5	1.532	69	33439	4.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.059	65	18201	4.761	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	3.802	46	112935	52.591	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.180%	
24) Chloroform-d	4.252	84	79680	4.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	4.947	65	45054	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	4.963	84	143142	4.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	5.989	67	44545	4.901	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.246	98	126304	4.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.561	79	14780	4.365	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.024	63	102559	53.565	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.120%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	36221	5.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	51802	5.062	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.818	96	3567	0.360	ug/L #	80
25) Chloroform	4.278	83	10269	0.570	ug/L	96
31) Carbon tetrachloride	4.738	117	29907	2.036	ug/L	99
34) Trichloroethene	5.847	95	4455	0.456	ug/L	93
35) Methylcyclohexane	5.992	83	11698	0.762	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	6000	0.648	ug/L #	87
47) Tetrachloroethene	7.908	164	24585	3.204	ug/L	96
48) 2-Hexanone	8.024	43	12613	3.092	ug/L #	69
49) Dibromochloromethane	7.905	129	23213	3.166	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	7986	1.536	ug/L #	65

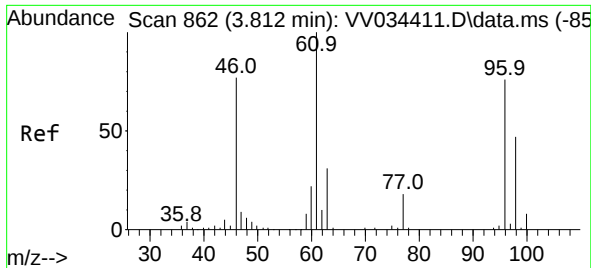
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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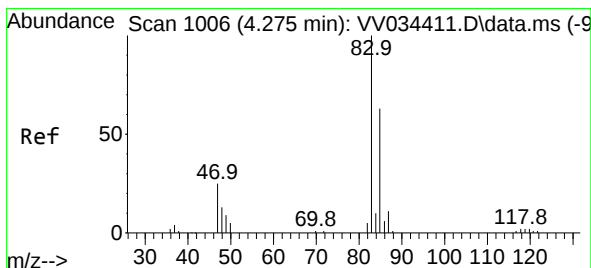
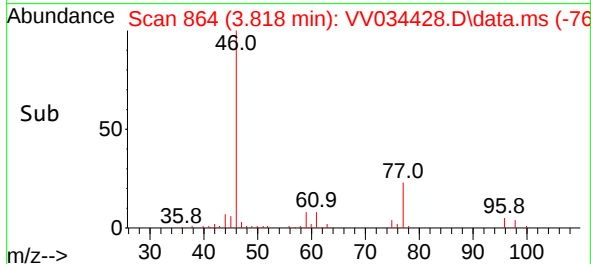
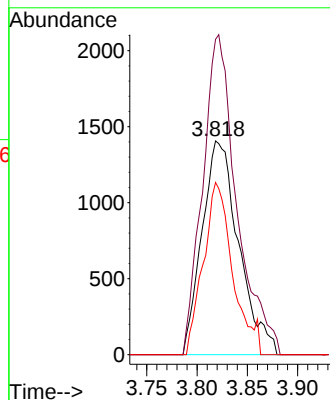
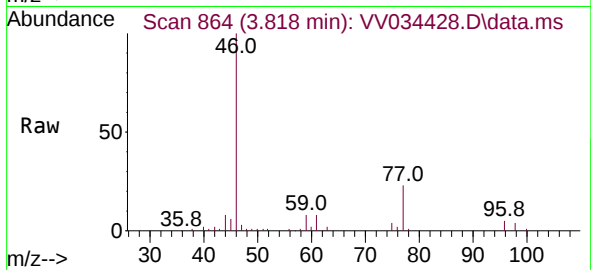




#22
cis-1,2-Dichloroethene
Concen: 0.360 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV034428.D
Acq: 26 Feb 2024 23:31

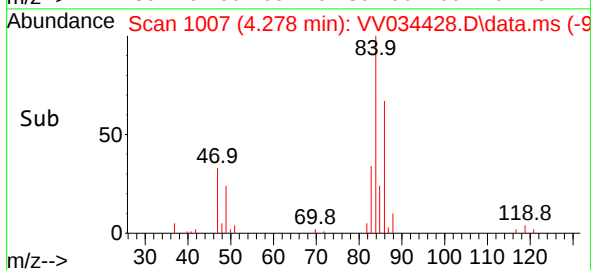
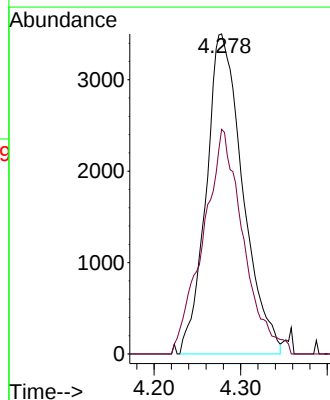
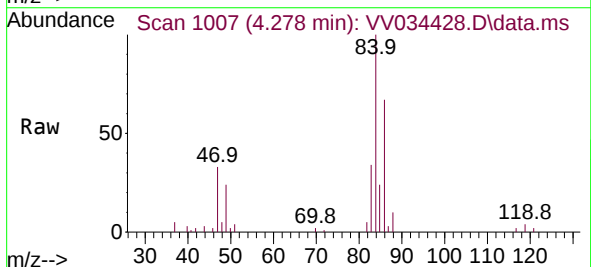
Instrument :
MSVOA_V
ClientSampleId :

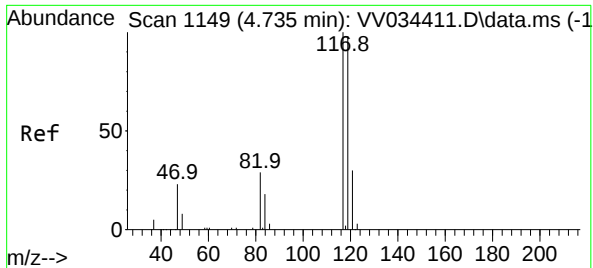
Tgt Ion: 96 Resp: 3567
Ion Ratio Lower Upper
96 100
61 147.5 89.7 166.5
98 80.6 42.0 78.0#



#25
Chloroform
Concen: 0.570 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV034428.D
Acq: 26 Feb 2024 23:31

Tgt Ion: 83 Resp: 10269
Ion Ratio Lower Upper
83 100
85 70.2 47.0 87.4

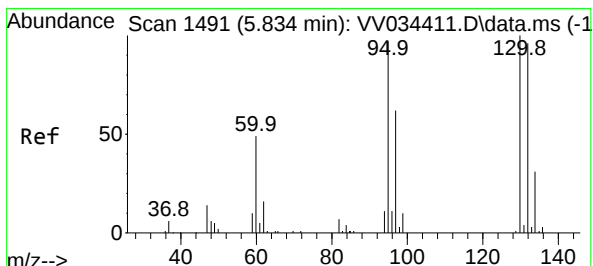
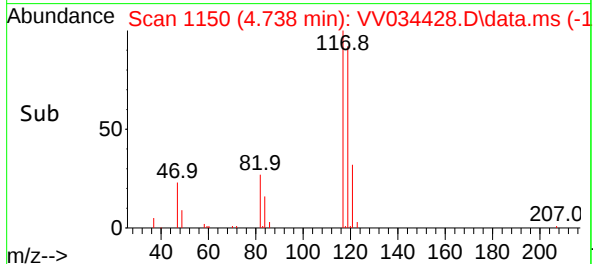
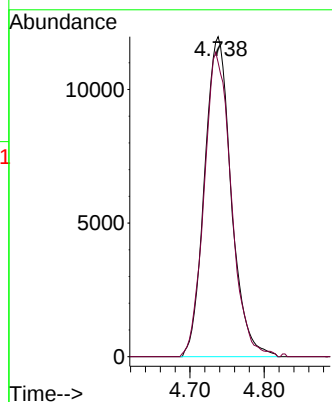
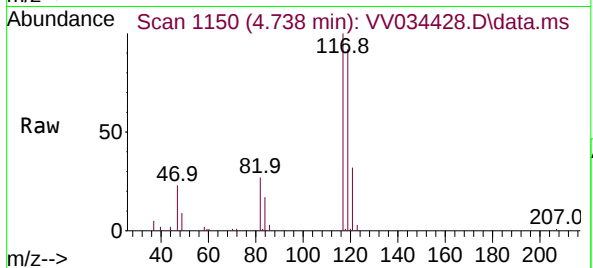




#31
Carbon tetrachloride
Concen: 2.036 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034428.D
Acq: 26 Feb 2024 23:31

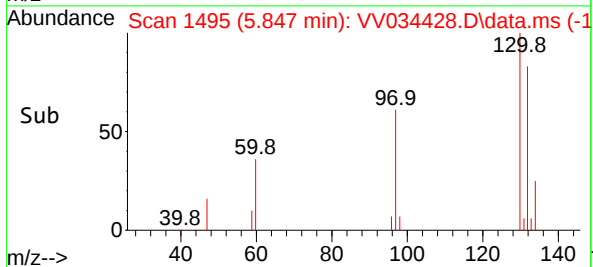
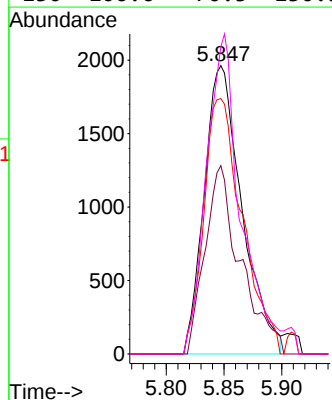
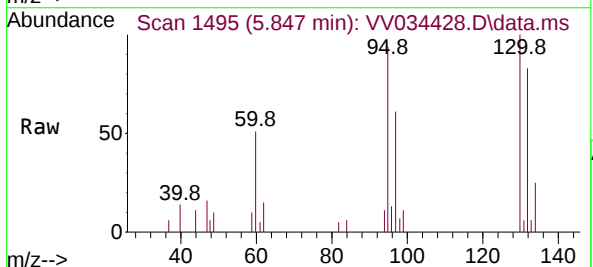
Instrument :
MSVOA_V
ClientSampleId :

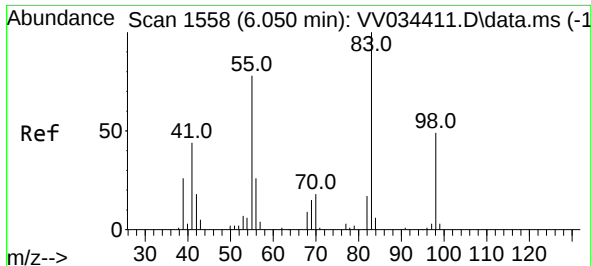
Tgt Ion:117 Resp: 29907
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6



#34
Trichloroethene
Concen: 0.456 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.013 min
Lab File: VV034428.D
Acq: 26 Feb 2024 23:31

Tgt Ion: 95 Resp: 4455
Ion Ratio Lower Upper
95 100
97 65.3 43.3 80.5
132 88.6 67.8 126.0
130 106.6 70.3 130.5





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034428.D

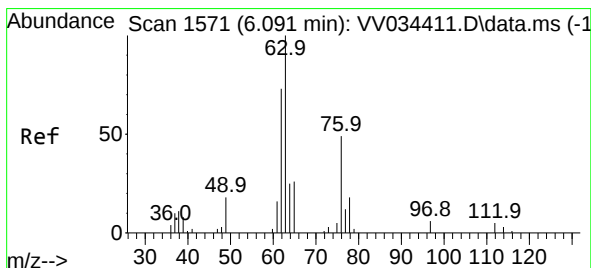
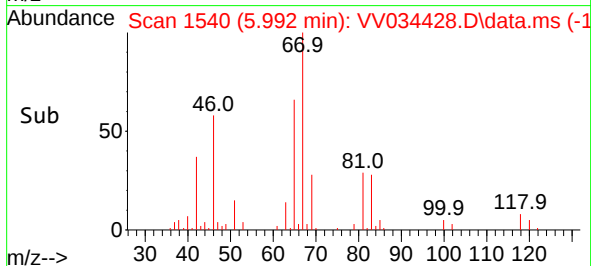
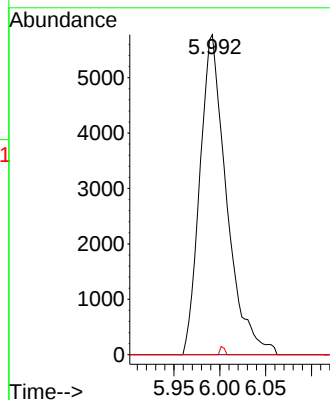
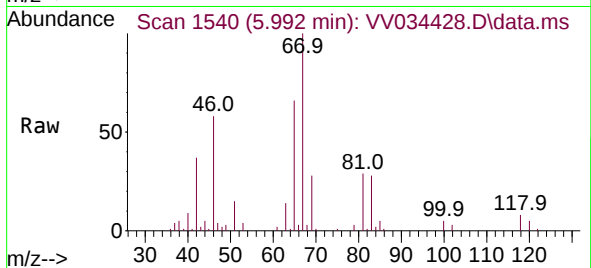
Acq: 26 Feb 2024 23:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	11698
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.4	38.1	57.1#



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

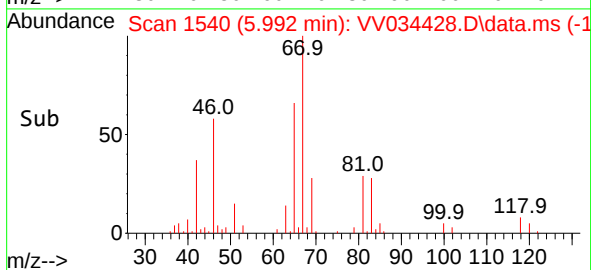
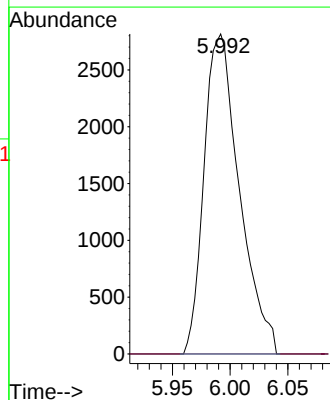
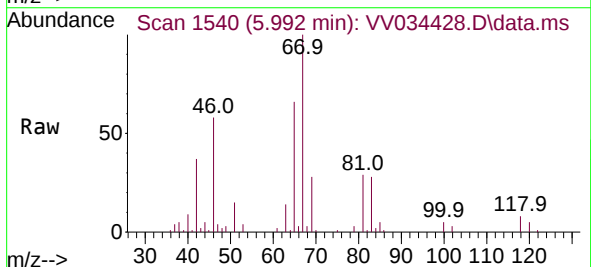
RT: 5.992 min Scan# 1540

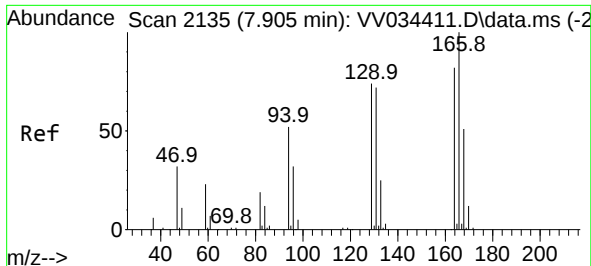
Delta R.T. -0.100 min

Lab File: VV034428.D

Acq: 26 Feb 2024 23:31

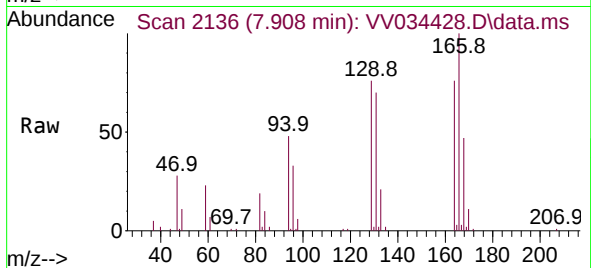
Tgt Ion:	63	Resp:	6000
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



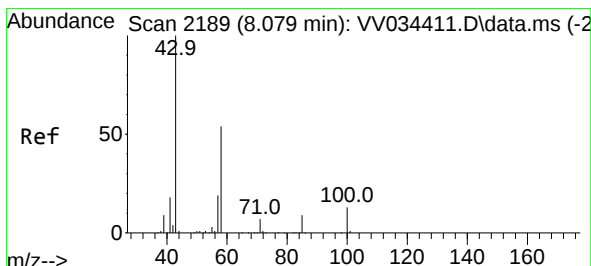
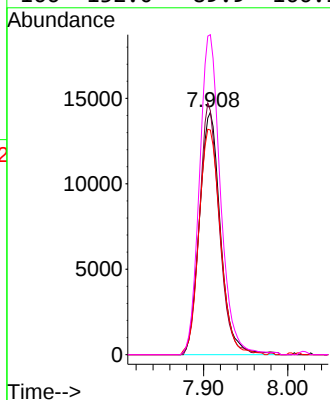
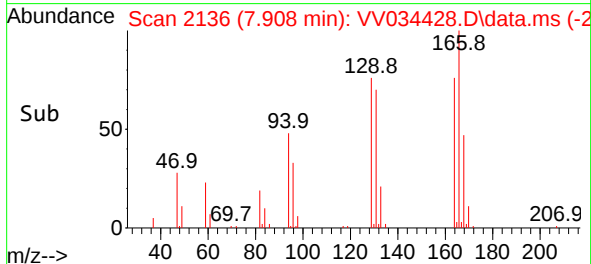


#47
Tetrachloroethene
Concen: 3.204 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034428.D
Acq: 26 Feb 2024 23:31

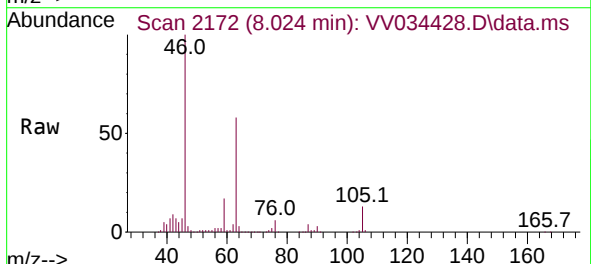
Instrument :
MSVOA_V
ClientSampleId :



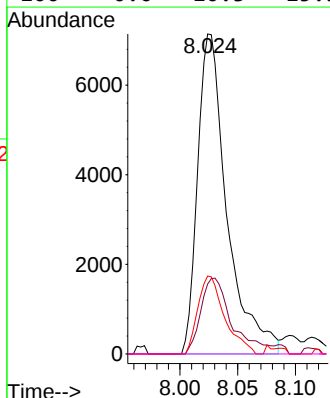
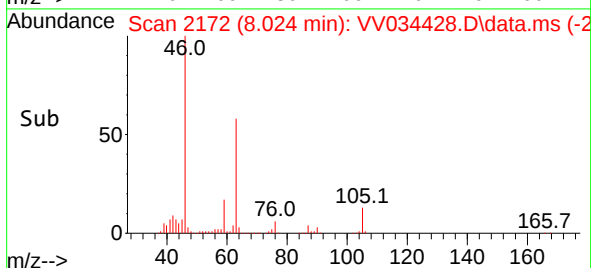
Tgt Ion:164 Resp: 24585
Ion Ratio Lower Upper
164 100
129 100.7 64.2 119.2
131 92.6 65.9 122.3
166 132.0 89.9 166.9

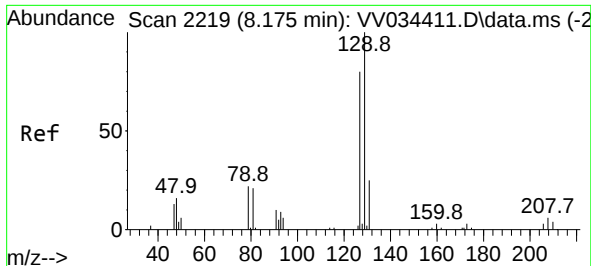


#48
2-Hexanone
Concen: 3.092 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.055 min
Lab File: VV034428.D
Acq: 26 Feb 2024 23:31



Tgt Ion: 43 Resp: 12613
Ion Ratio Lower Upper
43 100
58 25.4 43.4 65.0#
57 22.2 15.5 23.3
100 0.0 10.3 15.5#





#49

Dibromochloromethane

Concen: 3.166 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034428.D

Acq: 26 Feb 2024 23:31

Instrument :

MSVOA_V

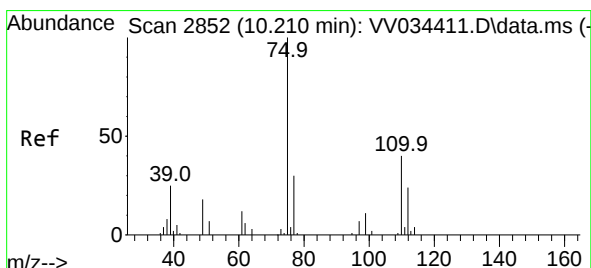
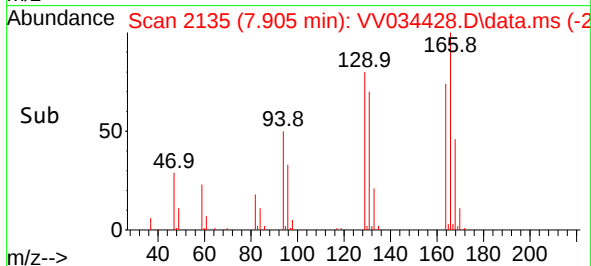
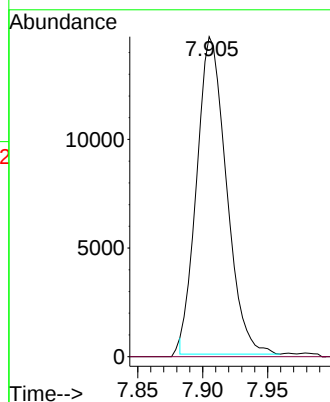
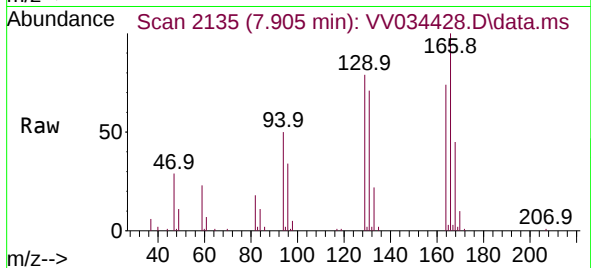
ClientSampleId :

Tgt Ion:129 Resp: 23213

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#61

1,2,3-Trichloropropane

Concen: 1.536 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034428.D

Acq: 26 Feb 2024 23:31

Tgt Ion: 75 Resp: 7986

Ion Ratio Lower Upper

75 100

77 36.8 27.7 41.5

110 1.5 32.0 48.0#

