

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037409.D
 Acq On : 20 Sep 2024 02:43
 Operator : SY/MD
 Sample : P3994-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

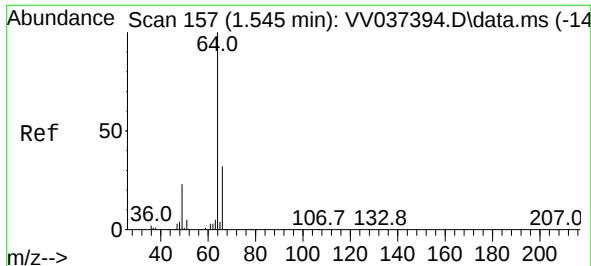
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:18:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311315	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	317582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	148574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62855	3.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.529	69	79149	4.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.053	65	34678	3.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.802	46	270804	49.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.220%
24) Chloroform-d	4.243	84	205930	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	95933	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.953	84	379103	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.982	67	126688	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.239	98	299480	3.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.561	79	27453	3.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.024	63	220335	51.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	111098	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	128507	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
8) Chloroethane	1.339	64	161980	8.883	ug/L #	51
12) 1,1-Dichloroethene	2.063	96	6876	0.315	ug/L #	1
22) cis-1,2-Dichloroethene	3.812	96	11418	0.460	ug/L	95
25) Chloroform	4.275	83	14093	0.319	ug/L	97
31) Carbon tetrachloride	4.728	117	24900	0.777	ug/L	94
34) Trichloroethene	5.834	95	53479	2.074	ug/L	95
35) Methylcyclohexane	5.985	83	31121	0.794	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	13648	0.561	ug/L #	87
47) Tetrachloroethene	7.899	164	88184	4.778	ug/L	96
49) Dibromochloromethane	7.899	129	83916	4.597	ug/L #	10
61) 1,2,3-Trichloropropane	11.181	75	18129	1.341	ug/L #	67

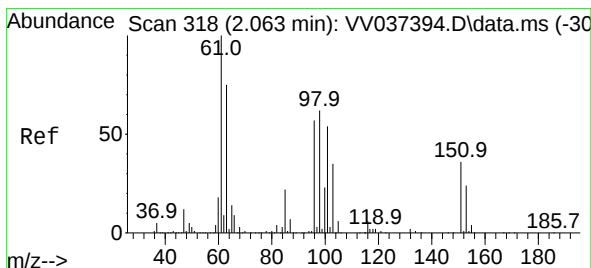
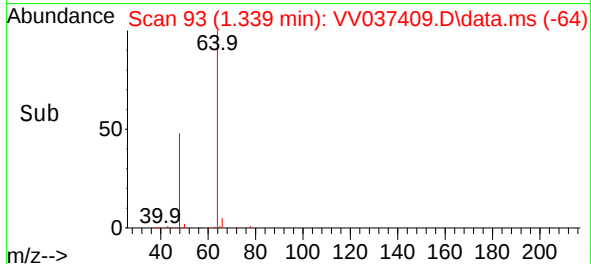
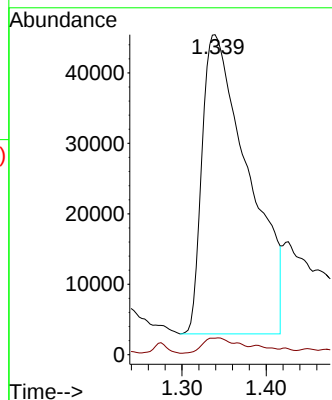
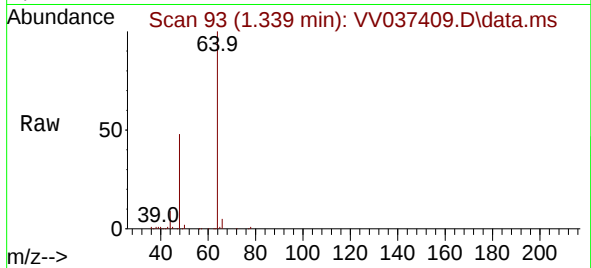
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 8.883 ug/L
RT: 1.339 min Scan# 91
Delta R.T. -0.206 min
Lab File: VV037409.D
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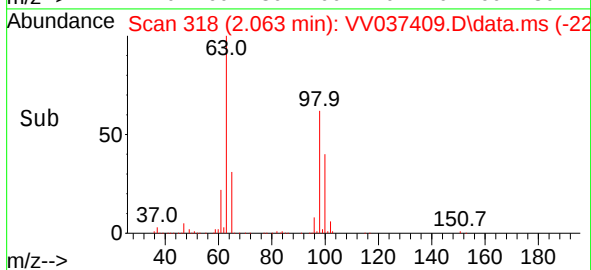
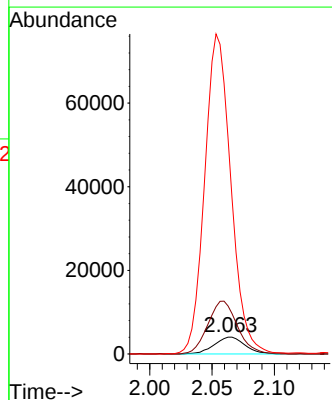
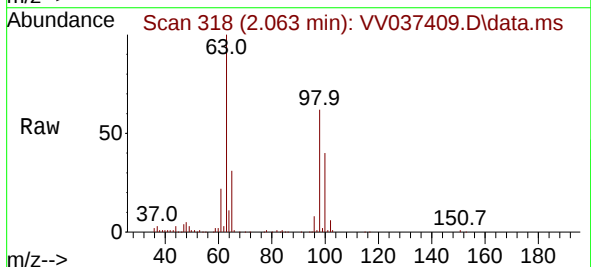
Instrument :
MSVOA_V
ClientSampleId :

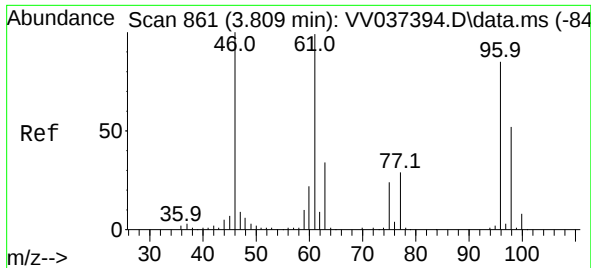
Tgt Ion: 64 Resp: 161980
Ion Ratio Lower Upper
64 100
66 5.1 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.315 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037409.D
Acq: 20 Sep 2024 02:43

Tgt Ion: 96 Resp: 6876
Ion Ratio Lower Upper
96 100
61 286.4 119.9 222.7#
63 1286.9 81.4 151.2#





#22

cis-1,2-Dichloroethene

Concen: 0.460 ug/L

RT: 3.812 min Scan# 861

Delta R.T. 0.003 min

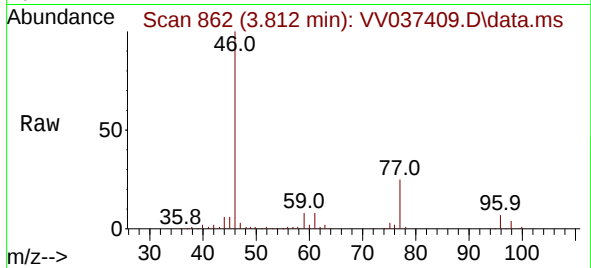
Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

Instrument :

MSVOA_V

ClientSampleId :



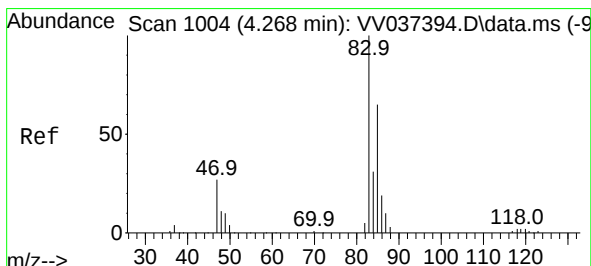
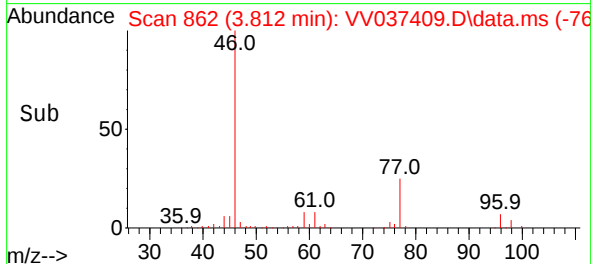
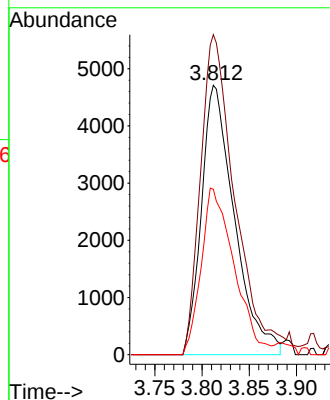
Tgt Ion: 96 Resp: 11418

Ion Ratio Lower Upper

96 100

61 118.7 87.6 162.6

98 61.4 44.9 83.5



#25

Chloroform

Concen: 0.319 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV037409.D

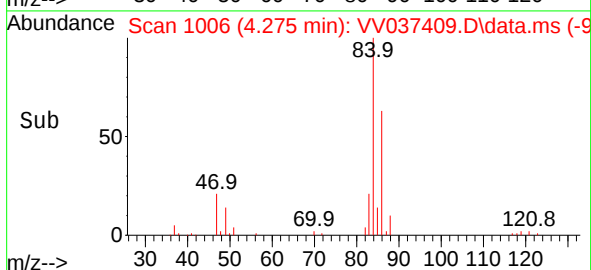
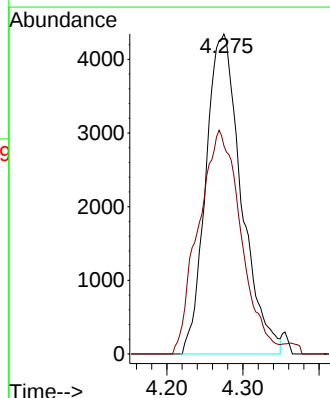
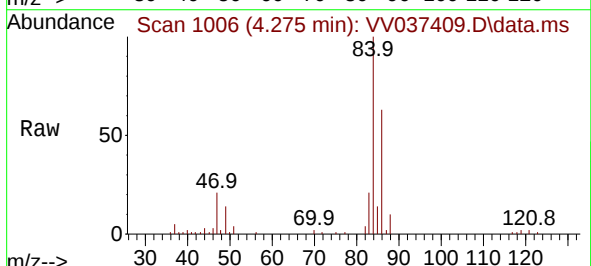
Acq: 20 Sep 2024 02:43

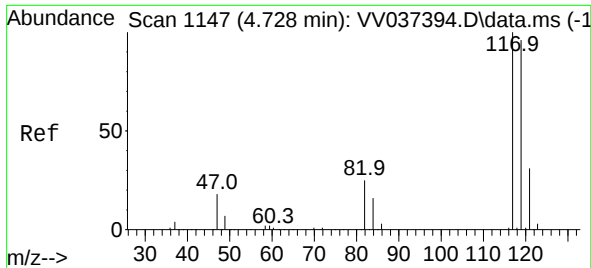
Tgt Ion: 83 Resp: 14093

Ion Ratio Lower Upper

83 100

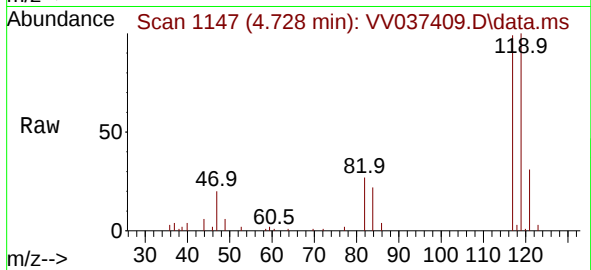
85 65.1 43.8 81.4



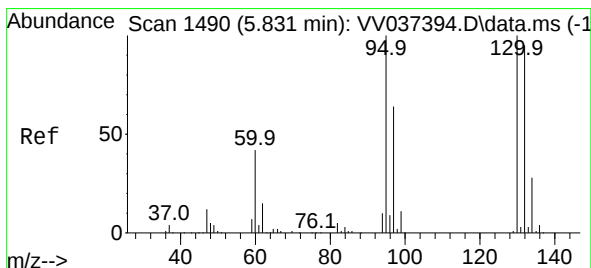
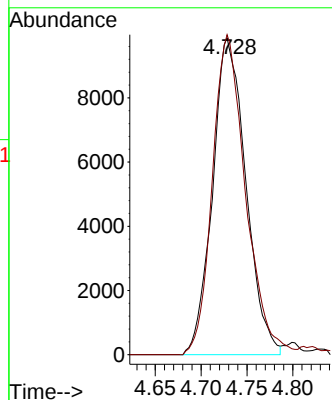
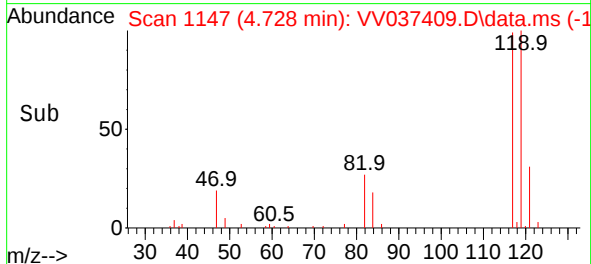


#31
Carbon tetrachloride
Concen: 0.777 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV037409.D
Acq: 20 Sep 2024 02:43

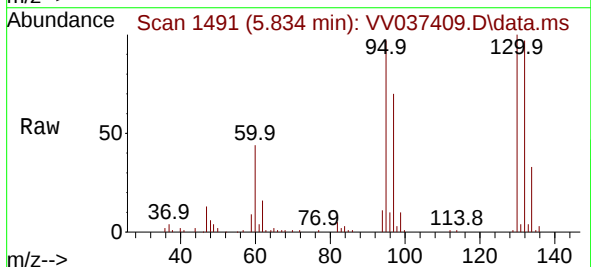
Instrument :
MSVOA_V
ClientSampleId :



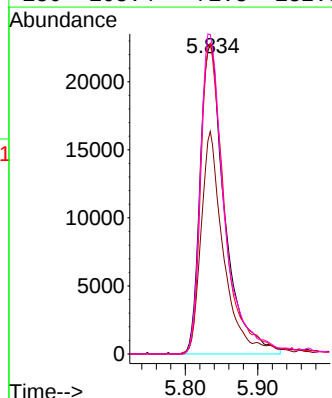
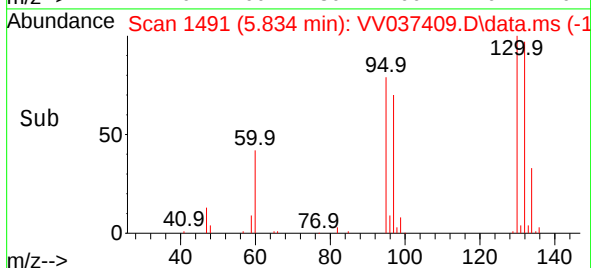
Tgt Ion:117 Resp: 24900
Ion Ratio Lower Upper
117 100
119 100.7 76.2 114.4

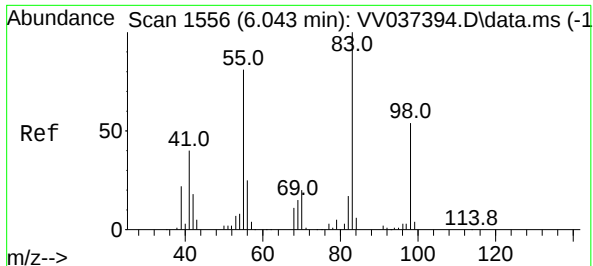


#34
Trichloroethene
Concen: 2.074 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV037409.D
Acq: 20 Sep 2024 02:43



Tgt Ion: 95 Resp: 53479
Ion Ratio Lower Upper
95 100
97 72.0 46.5 86.5
132 100.5 65.5 121.7
130 103.4 71.3 132.3





#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037409.D

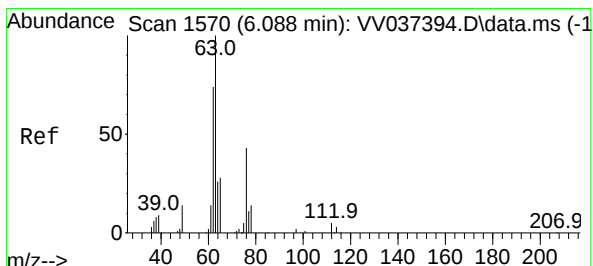
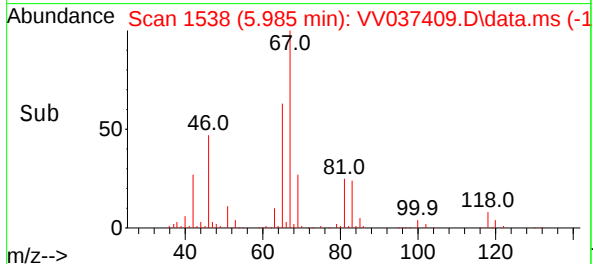
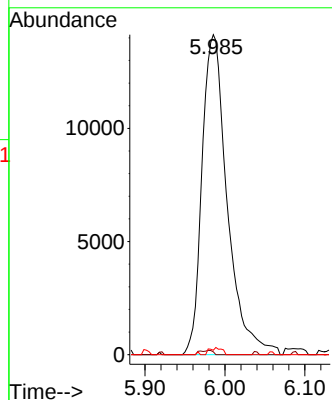
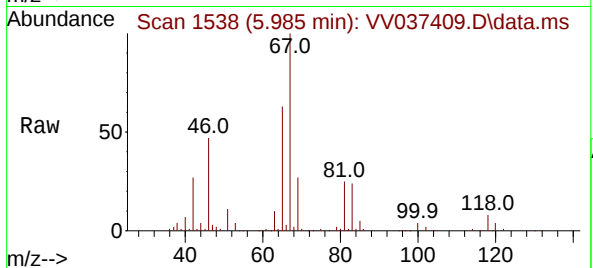
Acq: 20 Sep 2024 02:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	31121
Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.3	90.5#
98	1.1	38.2	57.4#



#37

1,2-Dichloropropane

Concen: 0.561 ug/L

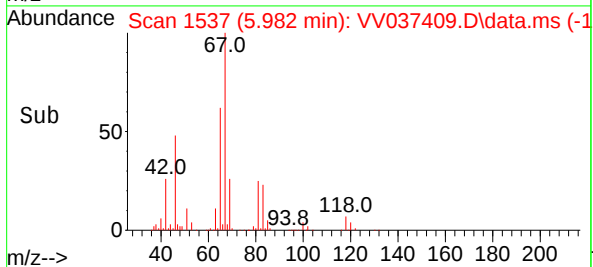
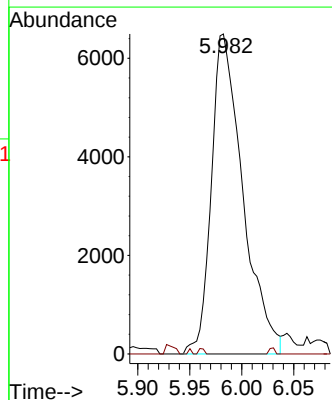
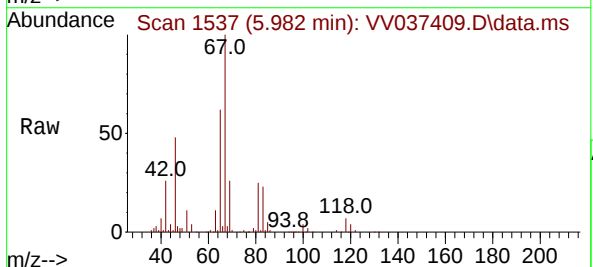
RT: 5.982 min Scan# 1537

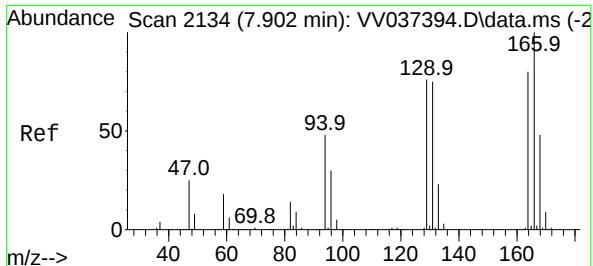
Delta R.T. -0.106 min

Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

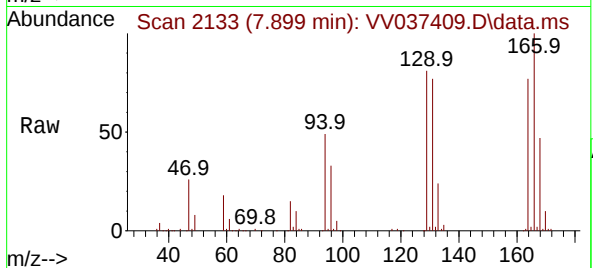
Tgt Ion:	63	Resp:	13648
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#



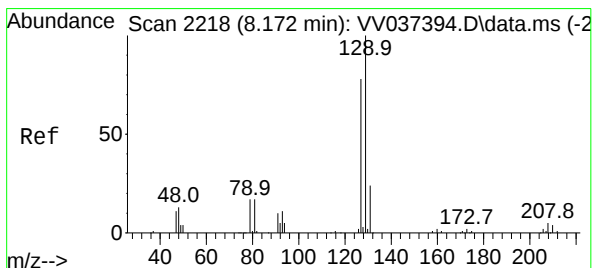
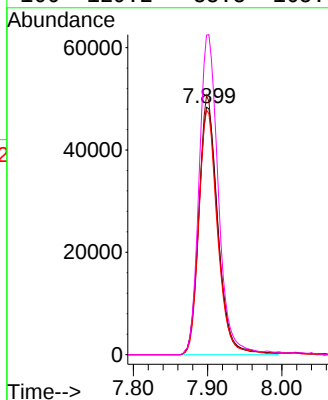
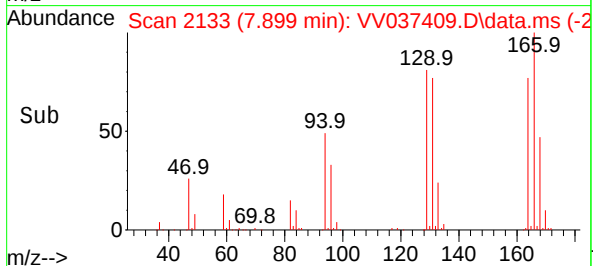


#47
Tetrachloroethene
Concen: 4.778 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV037409.D
Acq: 20 Sep 2024 02:43

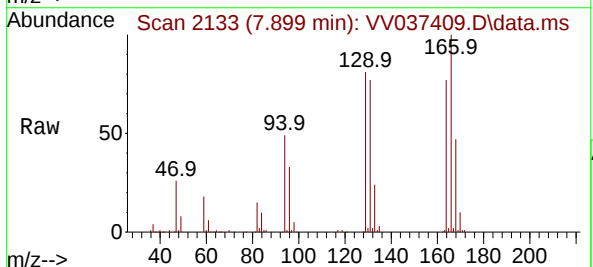
Instrument :
MSVOA_V
ClientSampleId :



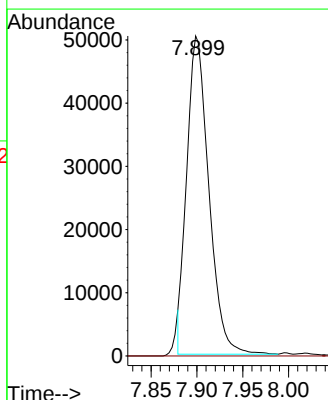
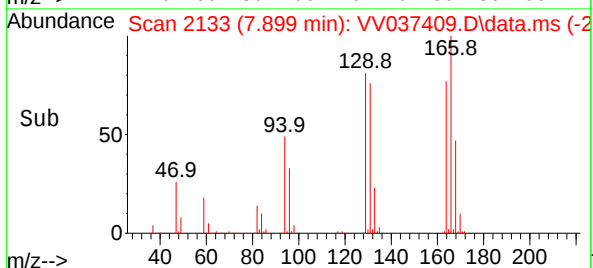
Tgt Ion:164 Resp: 88184
Ion Ratio Lower Upper
164 100
129 104.8 69.2 128.4
131 98.9 66.6 123.8
166 129.2 88.8 165.0

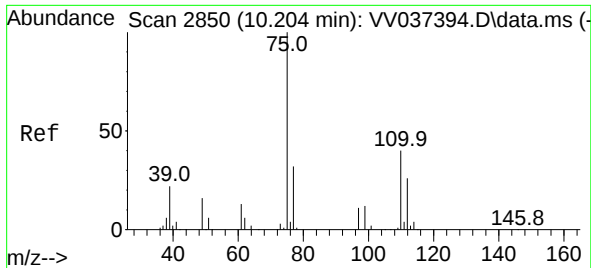


#49
Dibromochloromethane
Concen: 4.597 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.273 min
Lab File: VV037409.D
Acq: 20 Sep 2024 02:43



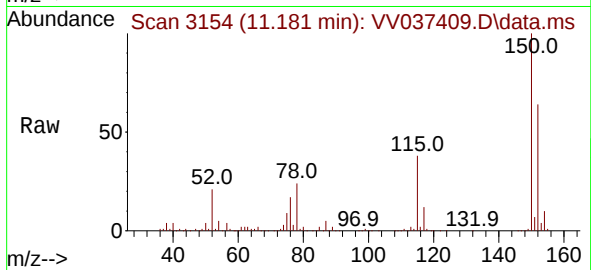
Tgt Ion:129 Resp: 83916
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.341 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.977 min
 Lab File: VV037409.D
 Acq: 20 Sep 2024 02:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	18129
Ion Ratio	Lower	Upper
75	100	
77	32.4	25.6 38.4
110	2.4	31.0 46.4#

