

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037431.D
 Acq On : 20 Sep 2024 14:36
 Operator : SY/MD
 Sample : P3990-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 23:36:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

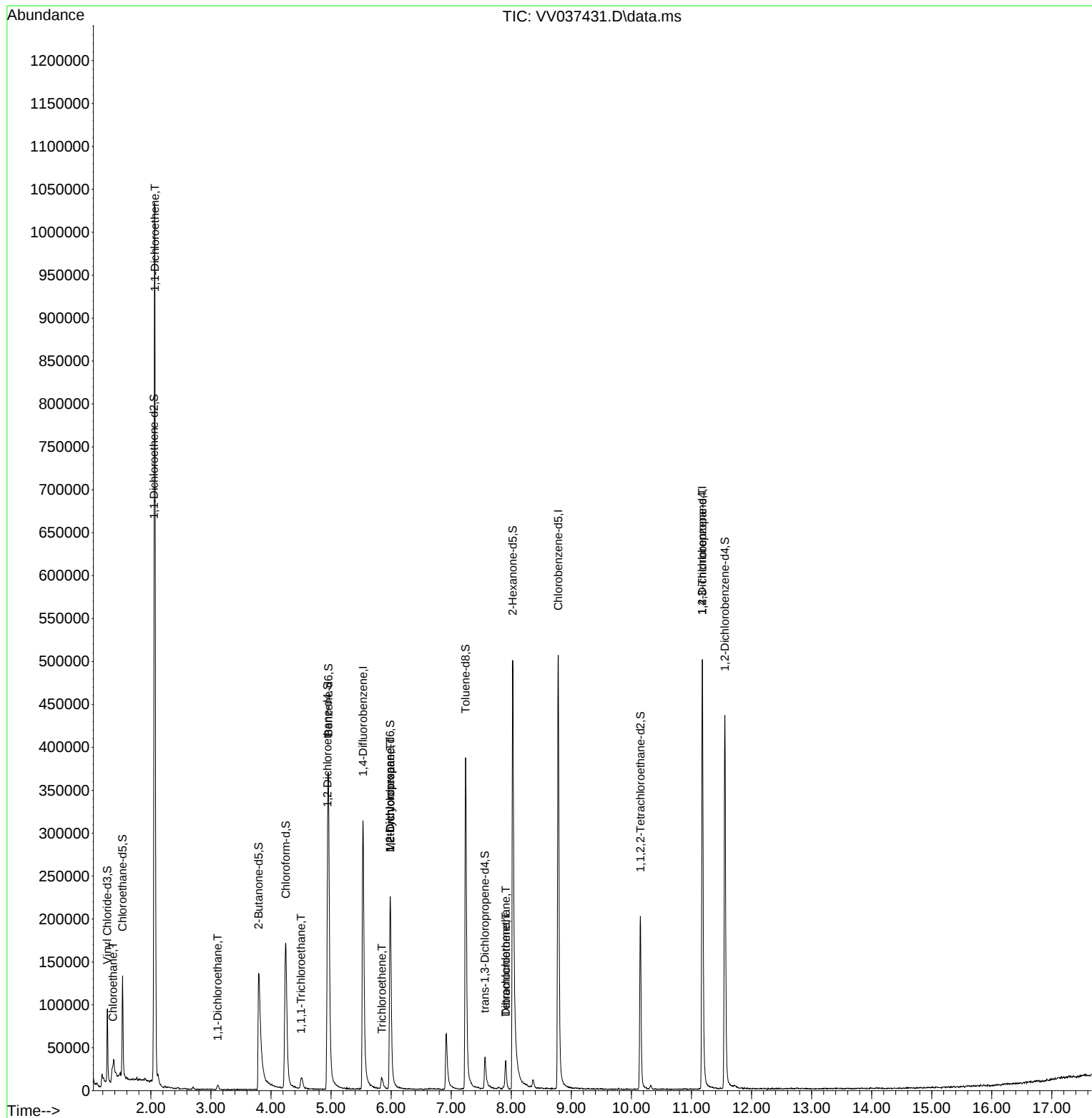
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	294144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	135524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54830	3.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.529	69	72821	4.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	31505	3.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.796	46	252819	49.022	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.040%
24) Chloroform-d	4.246	84	193131	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.941	65	94475	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.957	84	352064	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.986	67	121751	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.240	98	281051	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	27827	3.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.024	63	196419	48.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106077	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	119173	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
8) Chloroethane	1.368	64	35363	2.052	ug/L #	50
12) 1,1-Dichloroethene	2.066	96	277841	13.479	ug/L #	81
19) 1,1-Dichloroethane	3.114	63	5803	0.140	ug/L #	90
29) 1,1,1-Trichloroethane	4.503	97	11360	0.315	ug/L #	84
34) Trichloroethene	5.847	95	5243	0.212	ug/L	80
35) Methylcyclohexane	5.986	83	28928	0.770	ug/L #	19
37) 1,2-Dichloropropane	5.986	63	12309	0.527	ug/L #	87
47) Tetrachloroethene	7.908	164	7510	0.424	ug/L	91
49) Dibromochloromethane	7.908	129	7703	0.440	ug/L #	10
61) 1,2,3-Trichloropropane	11.182	75	17708	1.436	ug/L #	65

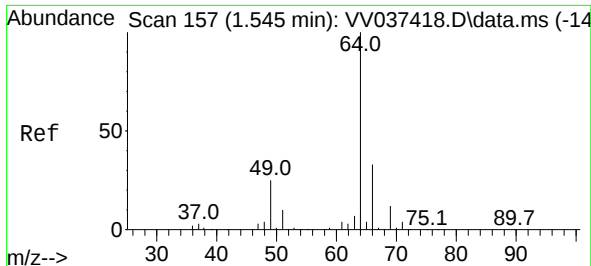
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037431.D
Acq On : 20 Sep 2024 14:36
Operator : SY/MD
Sample : P3990-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 20 23:36:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 23:32:27 2024
Response via : Initial Calibration

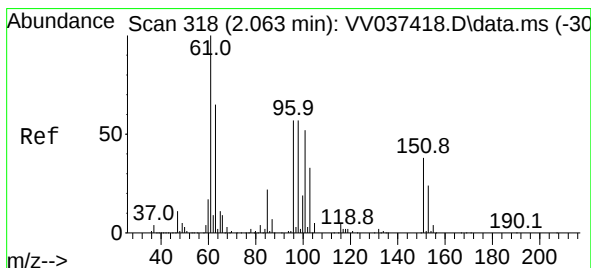
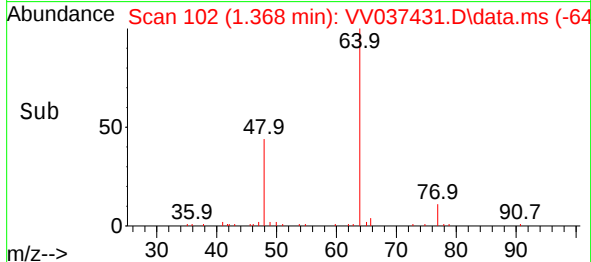
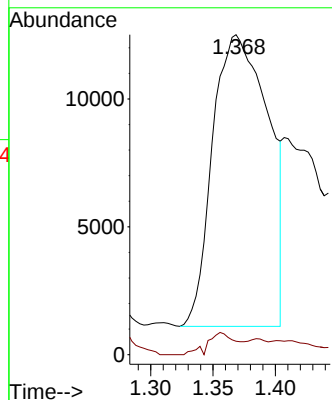
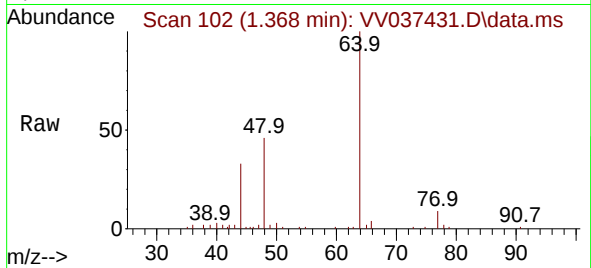




#8
Chloroethane
Concen: 2.052 ug/L
RT: 1.368 min Scan# 102
Delta R.T. -0.177 min
Lab File: VV037431.D
Acq: 20 Sep 2024 14:36

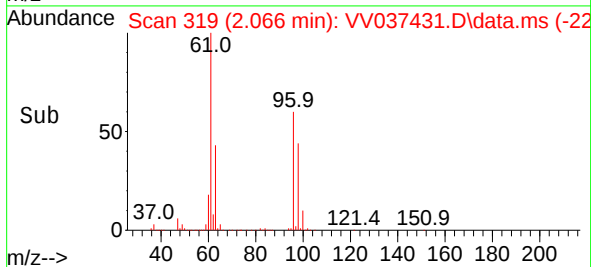
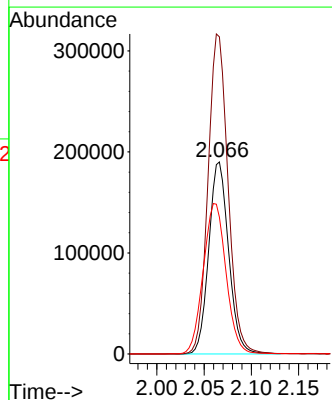
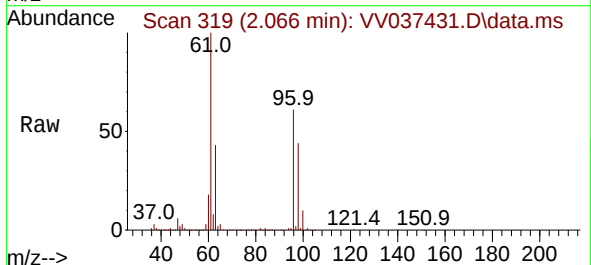
Instrument :
MSVOA_V
ClientSampleId :

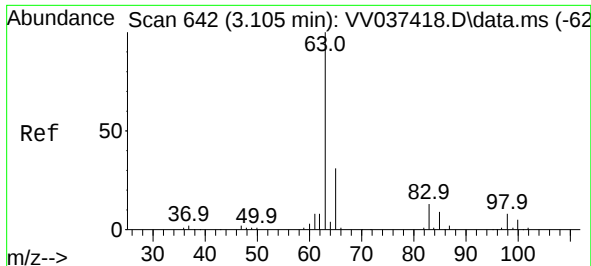
Tgt Ion: 64 Resp: 35363
Ion Ratio Lower Upper
64 100
66 4.2 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 13.479 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037431.D
Acq: 20 Sep 2024 14:36

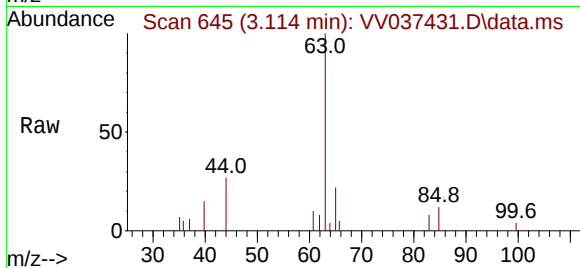
Tgt Ion: 96 Resp: 277841
Ion Ratio Lower Upper
96 100
61 165.2 119.9 222.7
63 71.3 81.4 151.2#



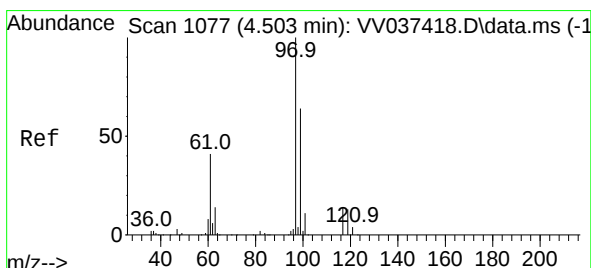
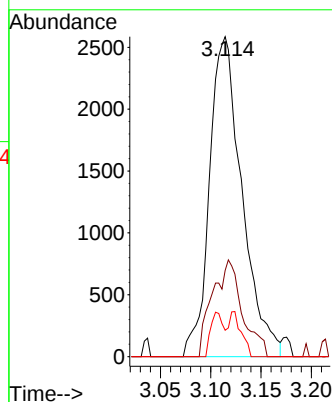
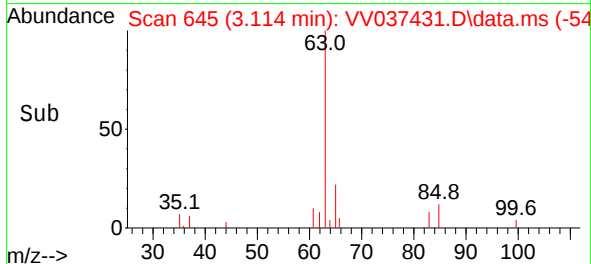


#19
1,1-Dichloroethane
Concen: 0.140 ug/L
RT: 3.114 min Scan# 642
Delta R.T. 0.010 min
Lab File: VV037431.D
Acq: 20 Sep 2024 14:36

Instrument :
MSVOA_V
ClientSampleId :

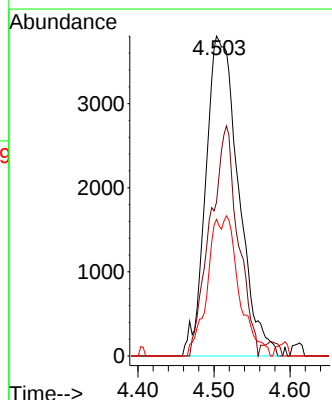
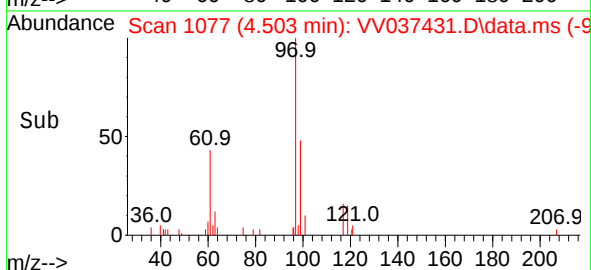
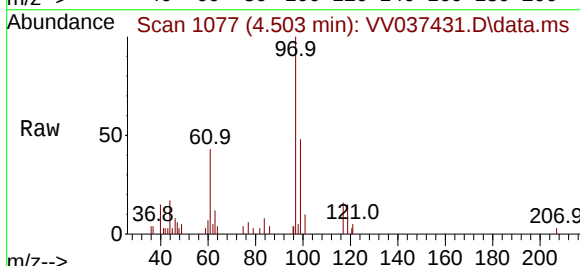


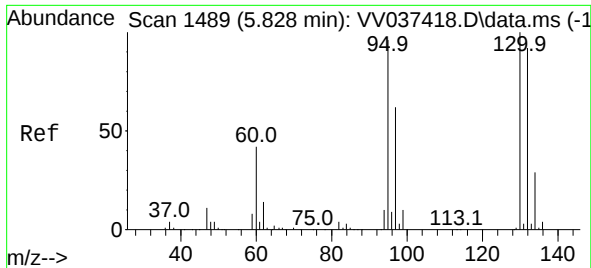
Tgt Ion: 63 Resp: 5803
Ion Ratio Lower Upper
63 100
65 27.0 22.5 41.7
83 8.2 8.9 16.5#



#29
1,1,1-Trichloroethane
Concen: 0.315 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037431.D
Acq: 20 Sep 2024 14:36

Tgt Ion: 97 Resp: 11360
Ion Ratio Lower Upper
97 100
99 61.3 50.0 75.0
61 19.7 34.3 51.5#





#34

Trichloroethene

Concen: 0.212 ug/L

RT: 5.847 min Scan# 1489

Delta R.T. 0.019 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5243

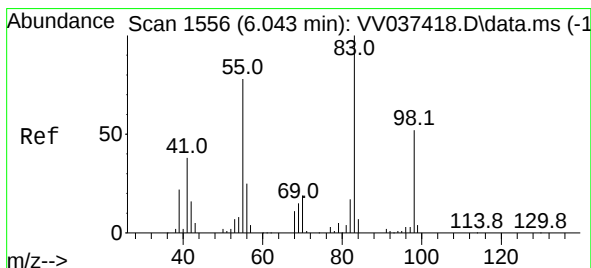
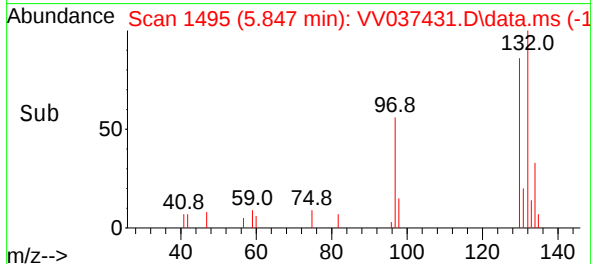
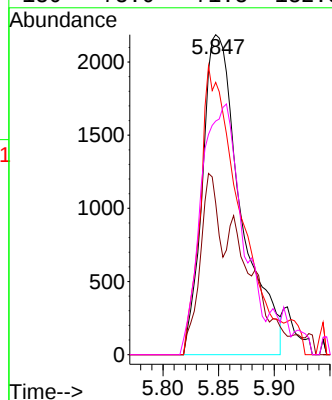
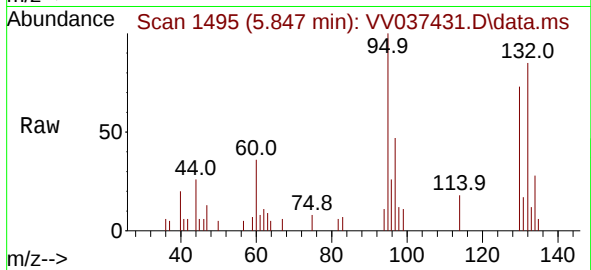
Ion Ratio Lower Upper

95 100

97 47.3 46.5 86.5

132 85.1 65.5 121.7

130 73.0 71.3 132.3



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

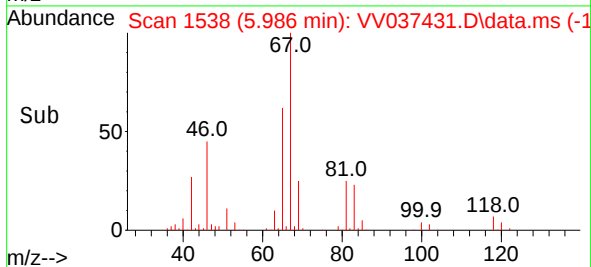
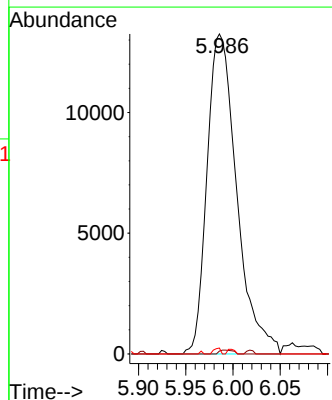
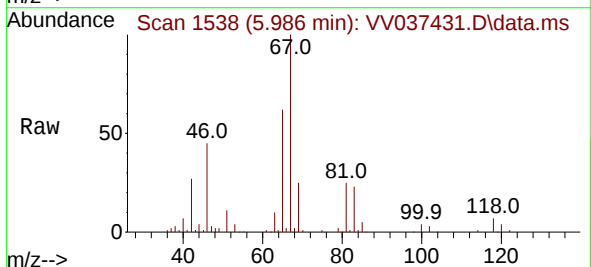
Tgt Ion: 83 Resp: 28928

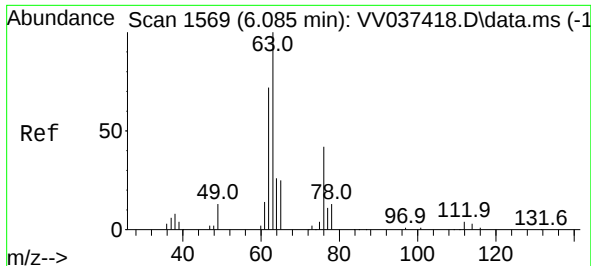
Ion Ratio Lower Upper

83 100

55 0.6 60.3 90.5#

98 0.4 38.2 57.4#

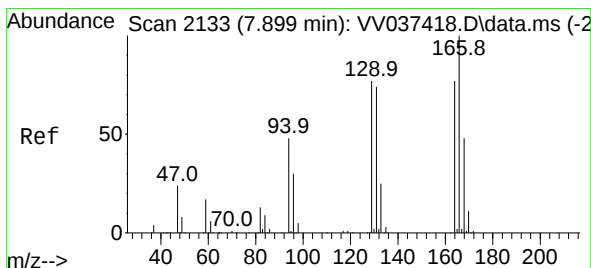
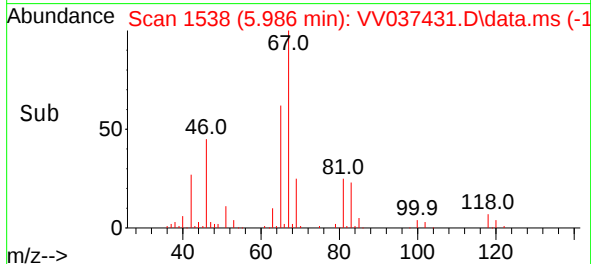
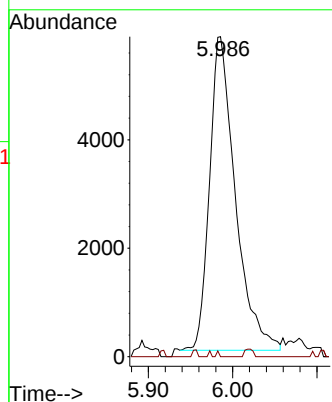
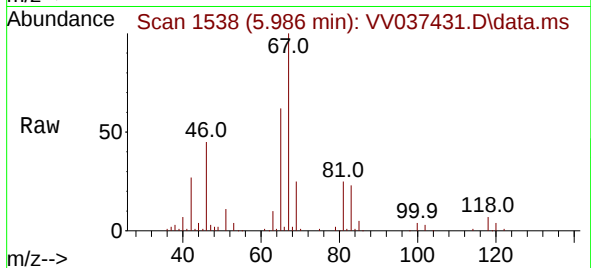




#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 5.986 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV037431.D
Acq: 20 Sep 2024 14:36

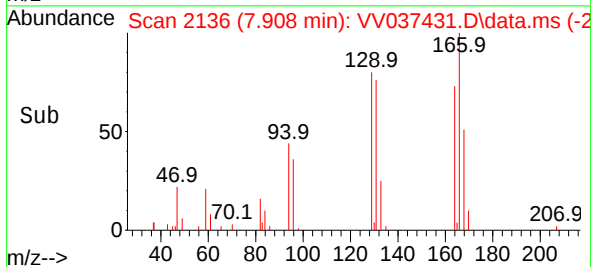
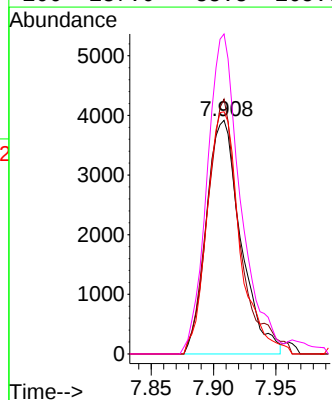
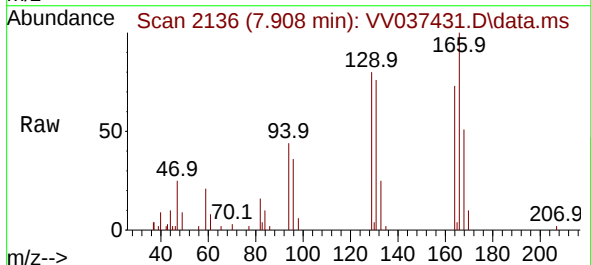
Instrument :
MSVOA_V
ClientSampleId :

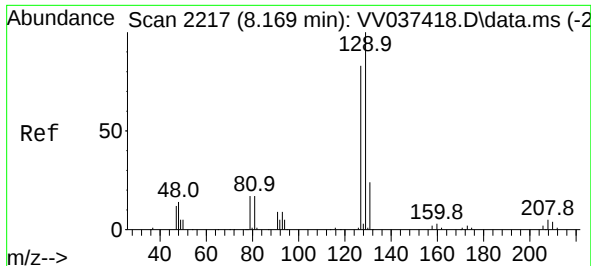
Tgt Ion: 63 Resp: 12309
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



#47
Tetrachloroethene
Concen: 0.424 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV037431.D
Acq: 20 Sep 2024 14:36

Tgt Ion:164 Resp: 7510
Ion Ratio Lower Upper
164 100
129 109.1 69.2 128.4
131 103.7 66.6 123.8
166 137.0 88.8 165.0





#49

Dibromochloromethane

Concen: 0.440 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.260 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

Instrument :

MSVOA_V

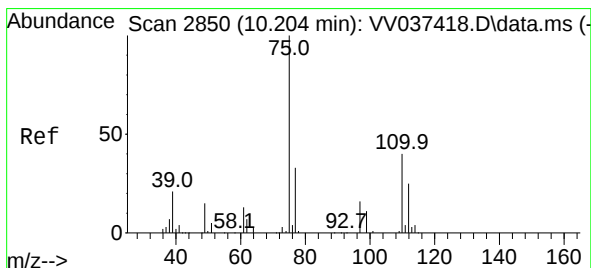
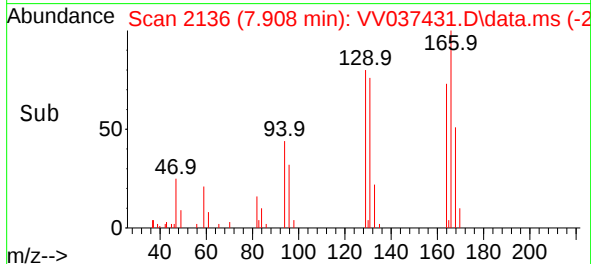
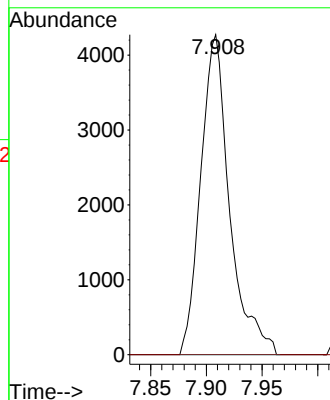
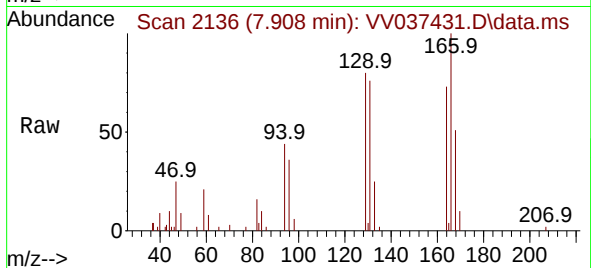
ClientSampleId :

Tgt Ion:129 Resp: 7703

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.436 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037431.D

Acq: 20 Sep 2024 14:36

Tgt Ion: 75 Resp: 17708

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4

110 3.1 31.0 46.4#

