

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032541.D
 Acq On : 20 Oct 2023 22:42
 Operator : SY/MD
 Sample : 04994-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

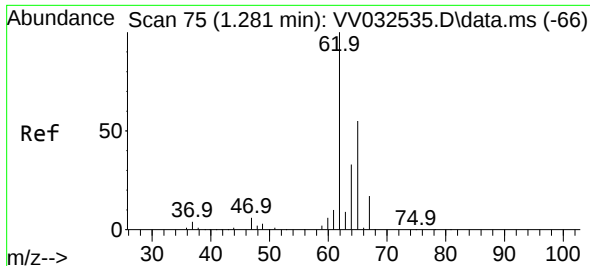
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 02:57:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	84033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	94811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.265	65	46	0.007	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.532	69	24929	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.056	65	112	0.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.800%#
20) 2-Butanone-d5	3.809	46	90879	52.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.140%
24) Chloroform-d	4.252	84	51294	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	4.947	65	28914	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.963	84	94847	3.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.000%#
36) 1,2-Dichloropropane-d6	5.992	67	33180	3.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.268	98	311	0.012	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.200%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.030	63	63958	41.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29970	4.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	33463	4.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
5) Vinyl chloride	1.388	62	1089	0.121	ug/L	88
13) Acetone	2.140	43	2868	2.152	ug/L	82
35) Methylcyclohexane	5.992	83	8059	0.571	ug/L #	17
37) 1,2-Dichloropropane	6.053	63	617	0.069	ug/L #	87
38) Bromodichloromethane	6.439	83	3152	0.297	ug/L	92
47) Tetrachloroethene	7.911	164	4873	0.705	ug/L	94
49) Dibromochloromethane	8.181	129	5495	0.838	ug/L	92
59) Bromoform	9.670	173	2414	0.777	ug/L #	95

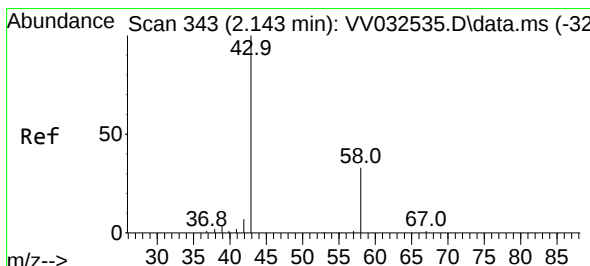
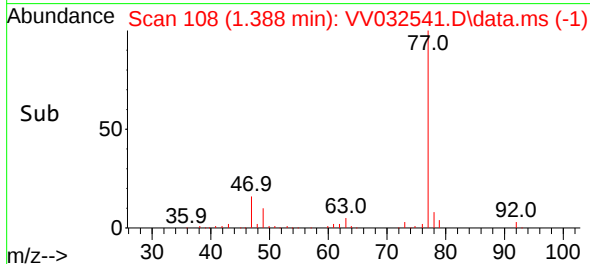
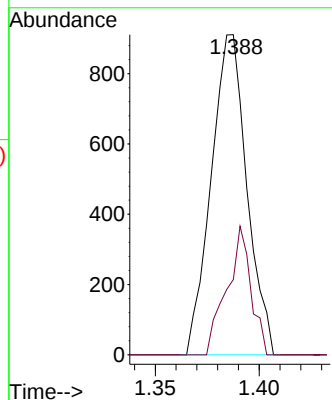
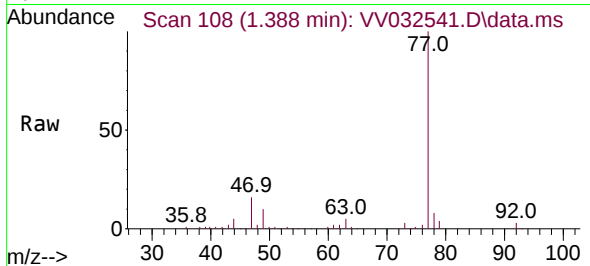
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.121 ug/L
 RT: 1.388 min Scan# 108
 Delta R.T. 0.106 min
 Lab File: VV032541.D
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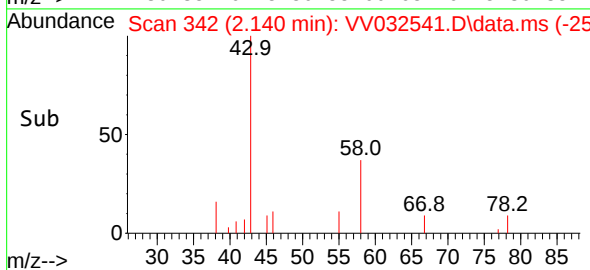
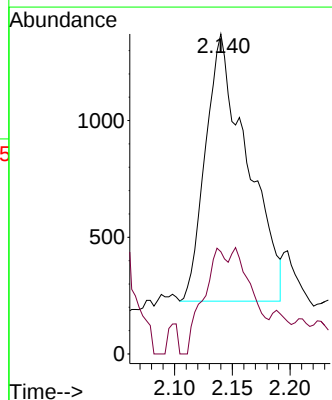
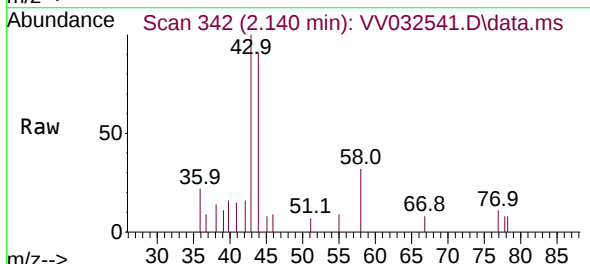
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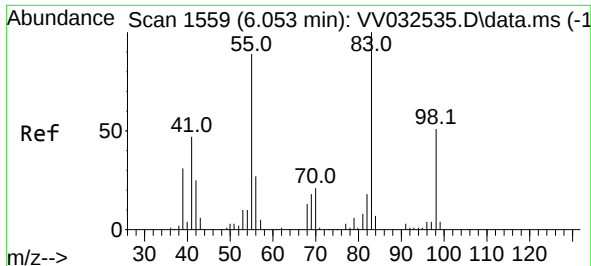
Tgt Ion: 62 Resp: 1089
 Ion Ratio Lower Upper
 62 100
 64 40.0 23.1 42.9



#13
 Acetone
 Concen: 2.152 ug/L
 RT: 2.140 min Scan# 342
 Delta R.T. -0.003 min
 Lab File: VV032541.D
 Acq: 20 Oct 2023 22:42

Tgt Ion: 43 Resp: 2868
 Ion Ratio Lower Upper
 43 100
 58 22.9 0.0 66.0





#35

Methylcyclohexane

Concen: 0.571 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV032541.D

Acq: 20 Oct 2023 22:42

Instrument :

MSVOA_V

ClientSampleId :

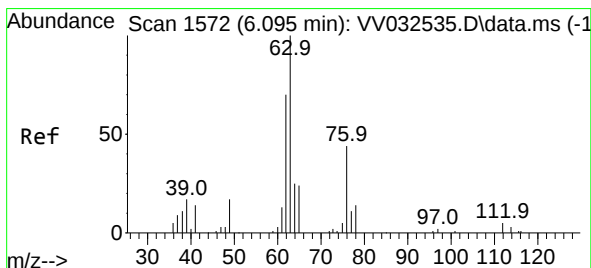
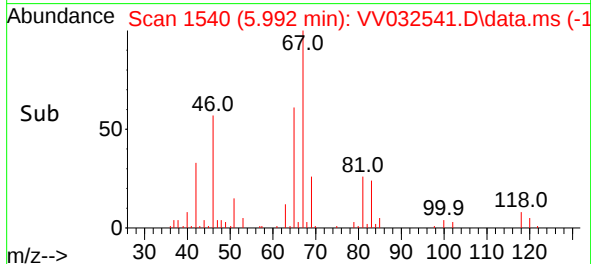
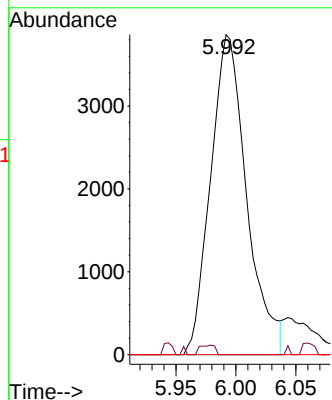
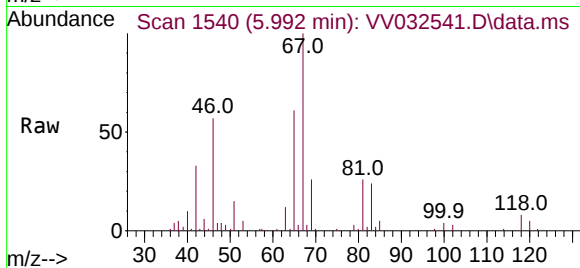
Tgt Ion: 83 Resp: 8059

Ion Ratio Lower Upper

83 100

55 1.3 64.2 96.2#

98 0.0 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.069 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.042 min

Lab File: VV032541.D

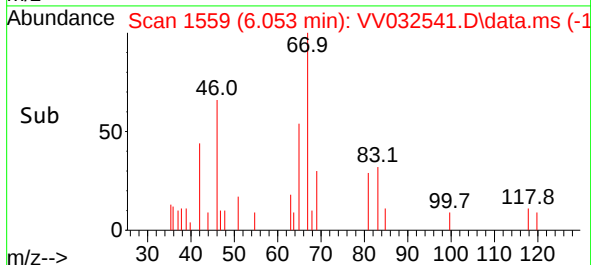
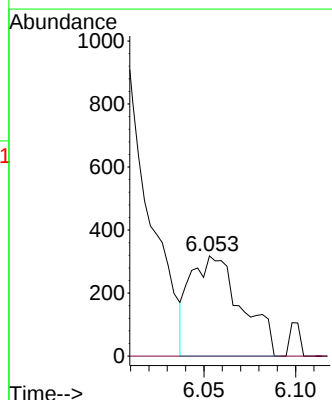
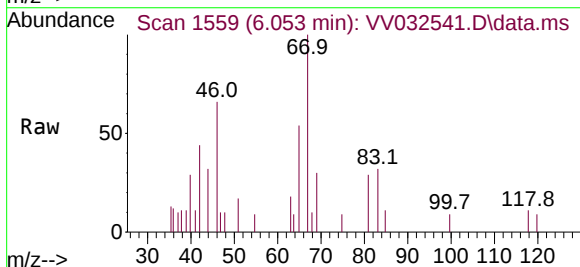
Acq: 20 Oct 2023 22:42

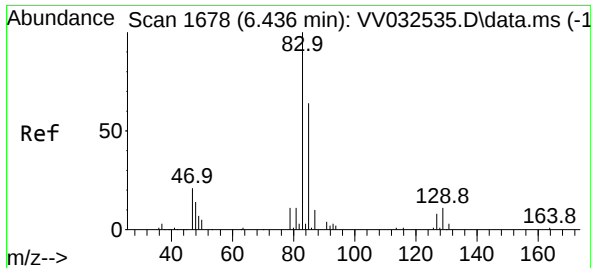
Tgt Ion: 63 Resp: 617

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

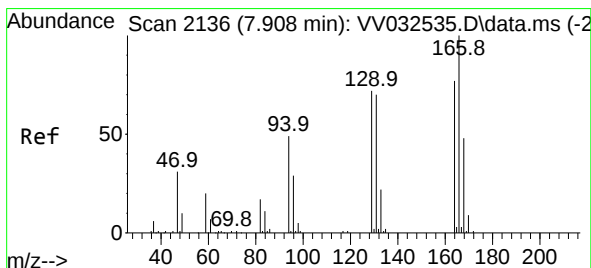
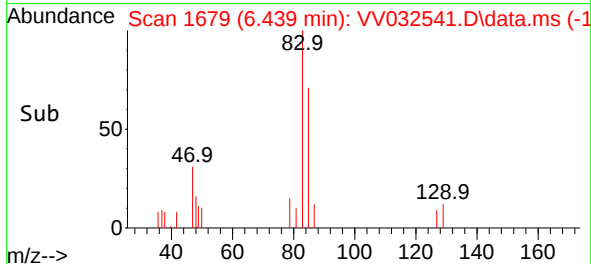
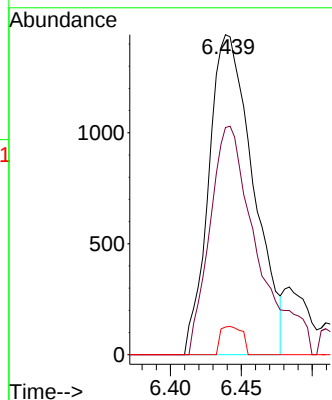
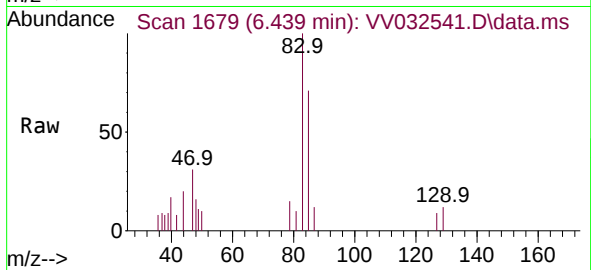




#38
Bromodichloromethane
Concen: 0.297 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032541.D
Acq: 20 Oct 2023 22:42

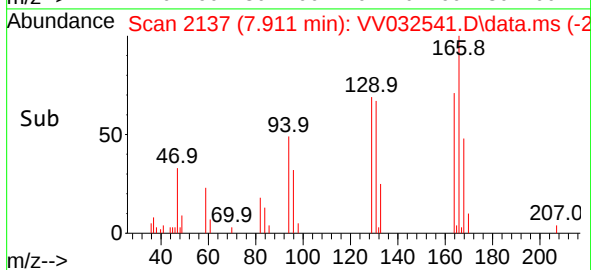
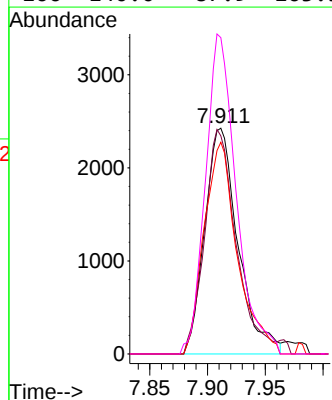
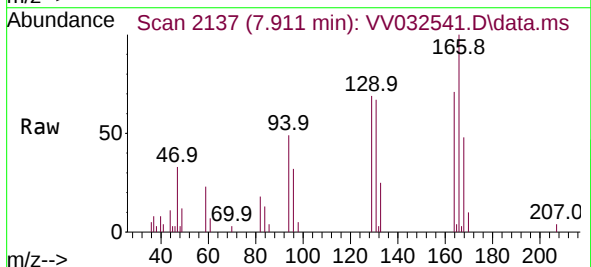
Instrument :
MSVOA_V
ClientSampleId :

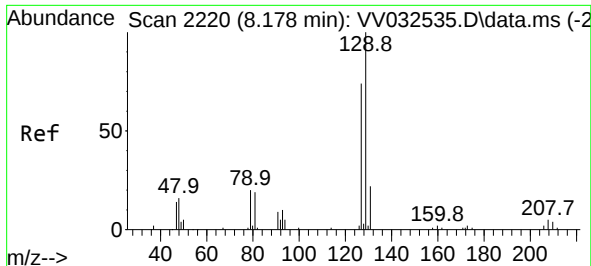
Tgt Ion: 83 Resp: 3152
Ion Ratio Lower Upper
83 100
85 71.0 44.9 83.3
127 8.7 6.9 10.3



#47
Tetrachloroethene
Concen: 0.705 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032541.D
Acq: 20 Oct 2023 22:42

Tgt Ion: 164 Resp: 4873
Ion Ratio Lower Upper
164 100
129 96.6 66.4 123.4
131 93.7 63.7 118.3
166 140.0 87.9 163.3





#49

Dibromochloromethane

Concen: 0.838 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032541.D

Acq: 20 Oct 2023 22:42

Instrument :

MSVOA_V

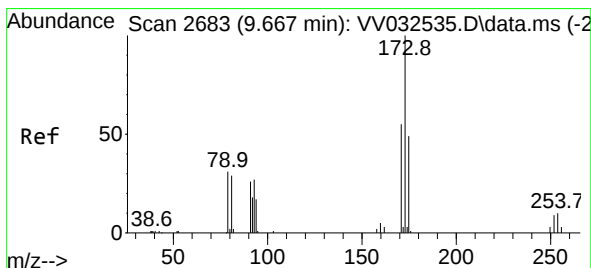
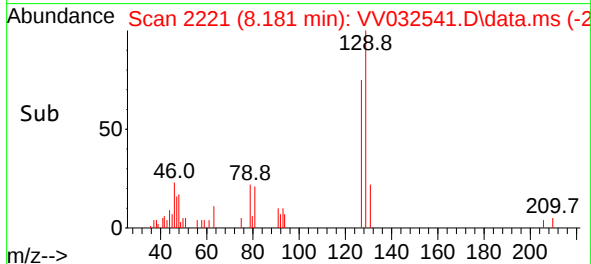
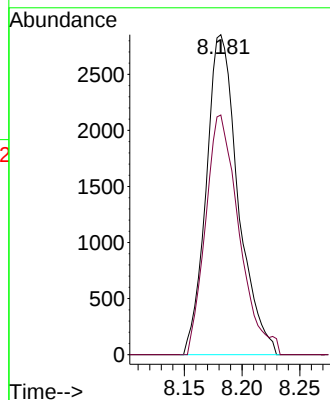
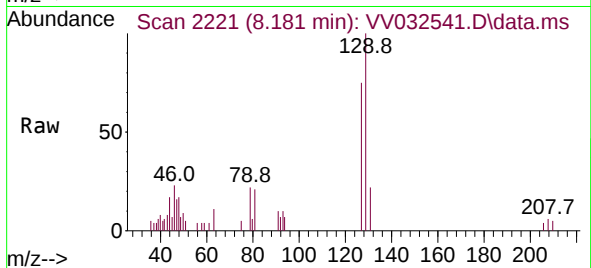
ClientSampleId :

Tgt Ion:129 Resp: 5495

Ion Ratio Lower Upper

129 100

127 74.9 57.2 106.2



#59

Bromoform

Concen: 0.777 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.003 min

Lab File: VV032541.D

Acq: 20 Oct 2023 22:42

Tgt Ion:173 Resp: 2414

Ion Ratio Lower Upper

173 100

175 44.5 38.2 57.2

254 6.8 7.0 10.4#

