

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032533.D
 Acq On : 20 Oct 2023 19:05
 Operator : SY/MD
 Sample : 04994-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

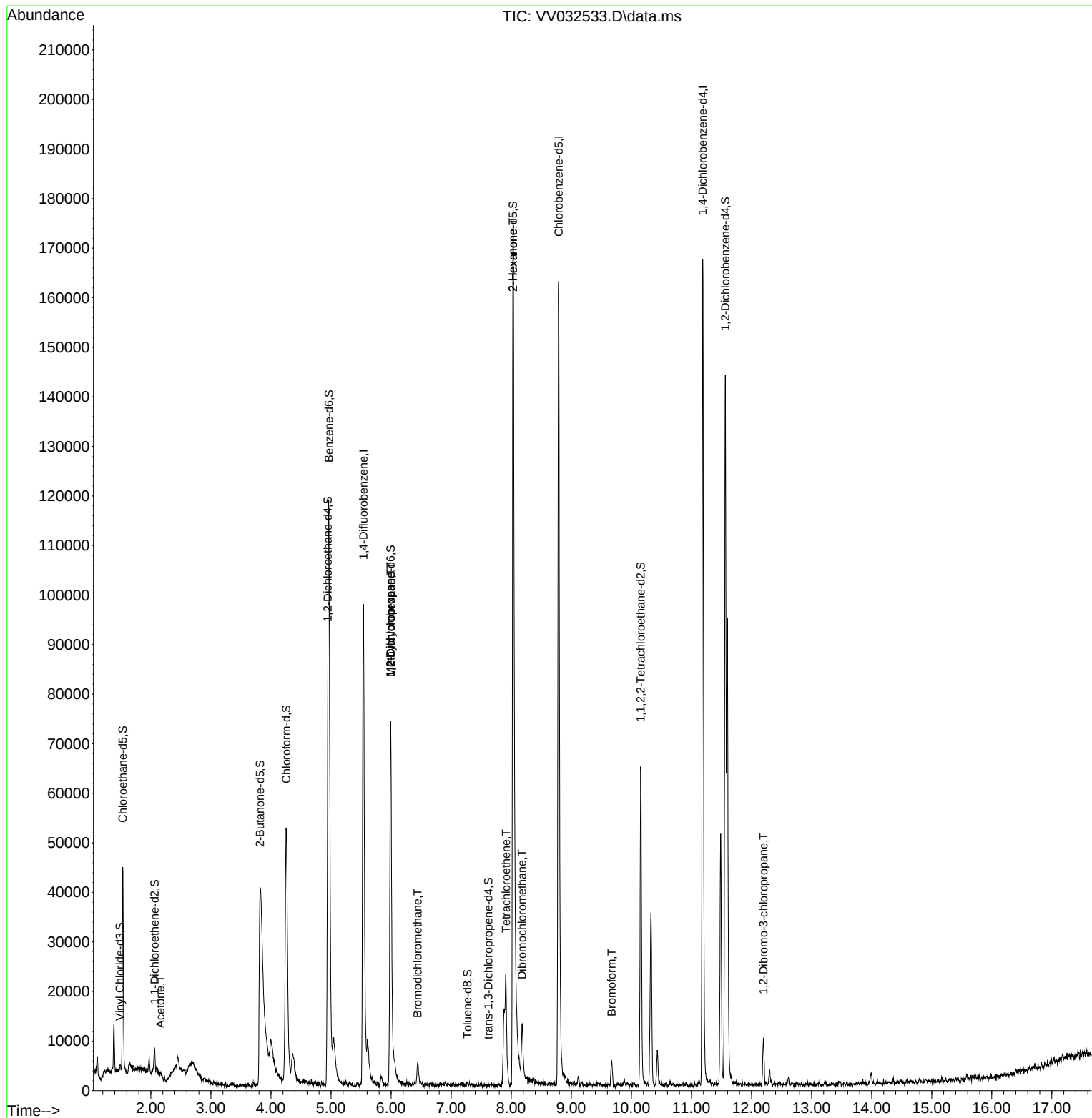
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	82161	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.484	65	67	0.010	ug/L	0.21
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.532	69	26259	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.063	65	844	0.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	6.000%#
20) 2-Butanone-d5	3.818	46	94988	56.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.252	84	53924	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.947	65	29905	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	4.963	84	101541	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.992	67	37946	4.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.272	98	287	0.012	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.200%#
43) trans-1,3-Dichloroprop...	7.619	79	20	0.006	ug/L	0.06
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.200%#
46) 2-Hexanone-d5	8.030	63	67053	44.739	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30757	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	34507	4.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
13) Acetone	2.159	43	1992	1.529	ug/L	92
35) Methylcyclohexane	5.992	83	8999	0.656	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	4196	0.483	ug/L #	90
38) Bromodichloromethane	6.442	83	3445	0.334	ug/L	96
47) Tetrachloroethene	7.911	164	5042	0.750	ug/L	96
48) 2-Hexanone	8.030	43	10289	2.654	ug/L #	70
49) Dibromochloromethane	8.181	129	5342	0.838	ug/L	96
59) Bromoform	9.670	173	2120	0.691	ug/L #	96
68) 1,2-Dibromo-3-chloropr...	12.197	75	425	0.463	ug/L #	1

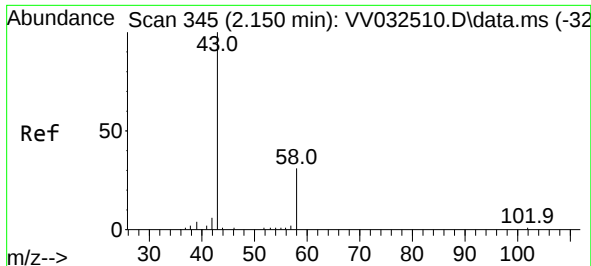
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.529 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

Instrument :

MSVOA_V

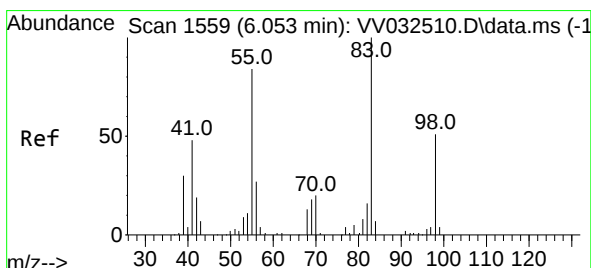
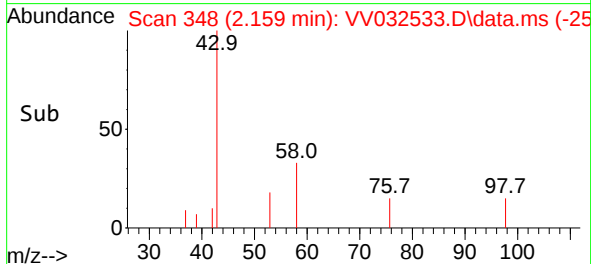
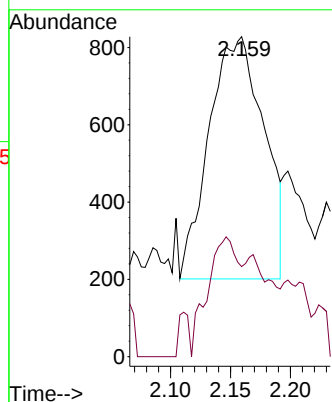
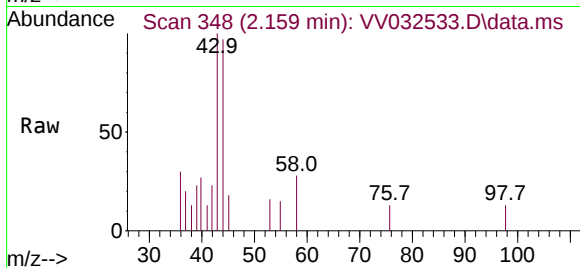
ClientSampleId :

Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

58 28.3 0.0 66.0



#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

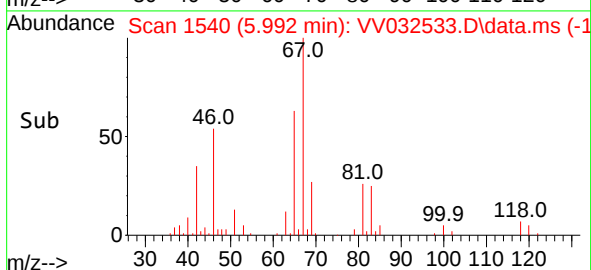
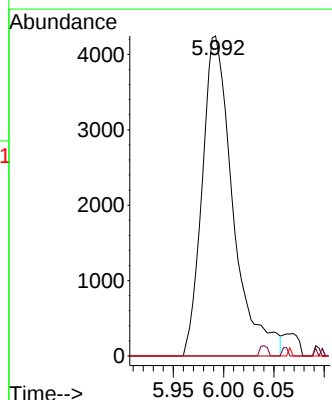
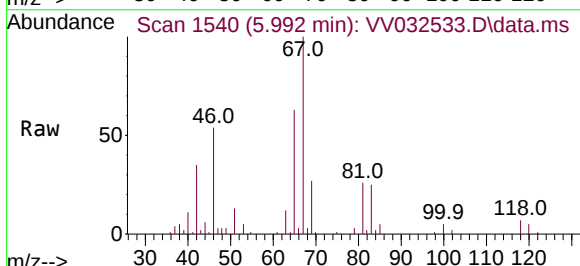
Tgt Ion: 83 Resp: 8999

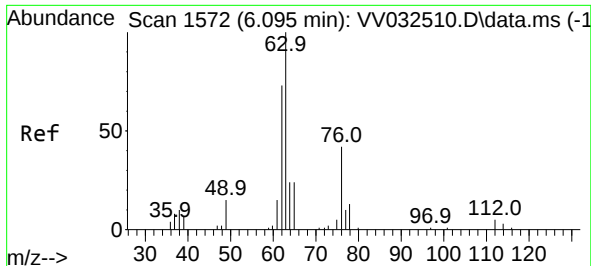
Ion Ratio Lower Upper

83 100

55 0.8 64.2 96.2#

98 0.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

Instrument :

MSVOA_V

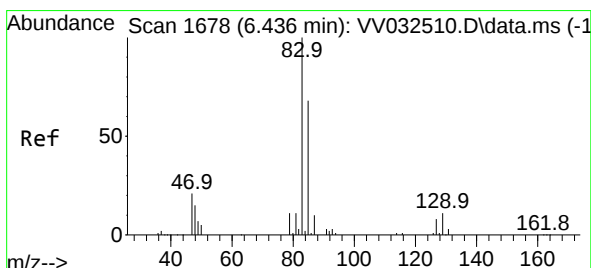
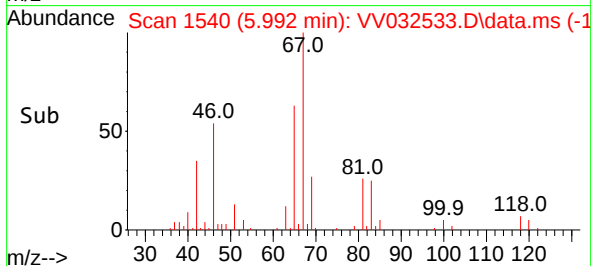
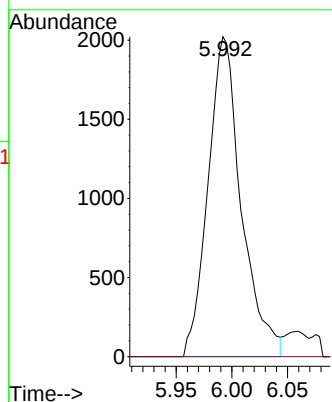
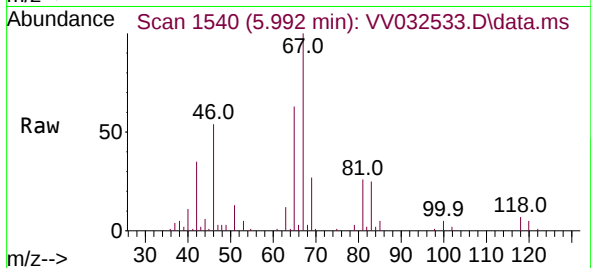
ClientSampleId :

Tgt Ion: 63 Resp: 4196

Ion Ratio Lower Upper

63 100

112 1.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.334 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.007 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

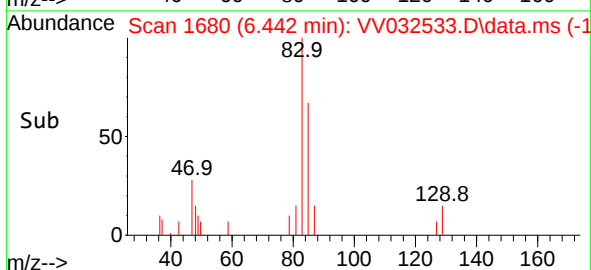
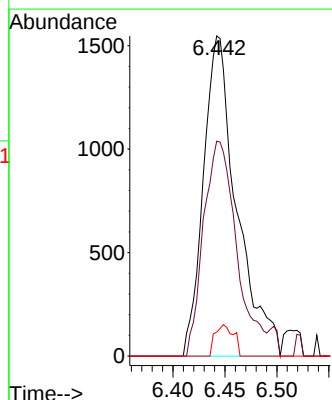
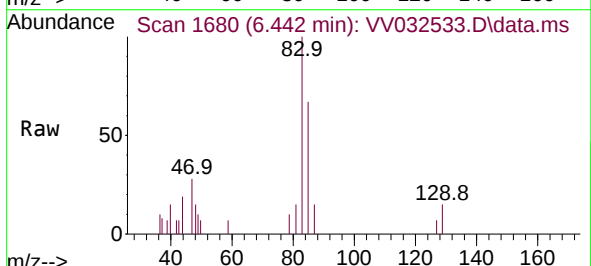
Tgt Ion: 83 Resp: 3445

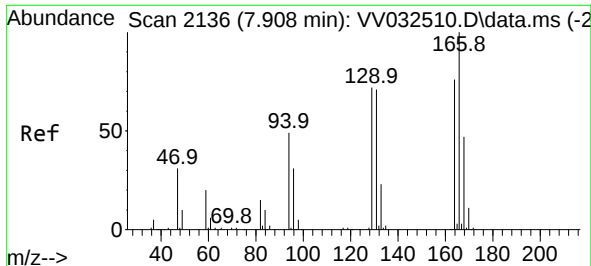
Ion Ratio Lower Upper

83 100

85 67.1 44.9 83.3

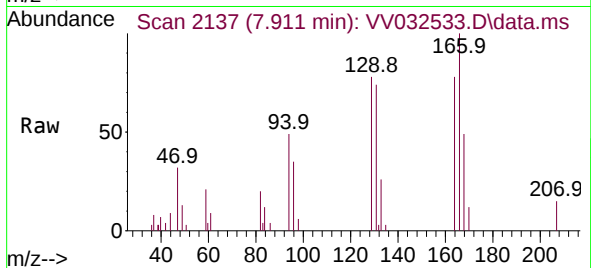
127 7.5 6.9 10.3



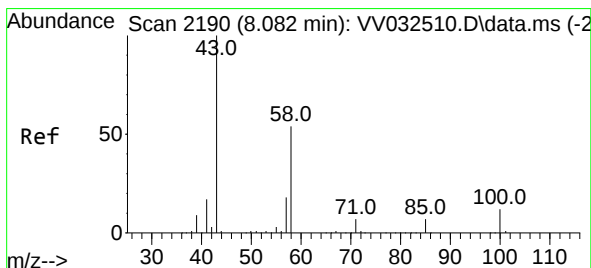
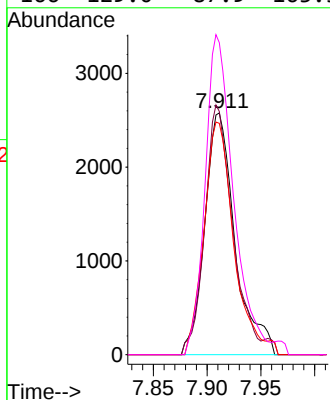
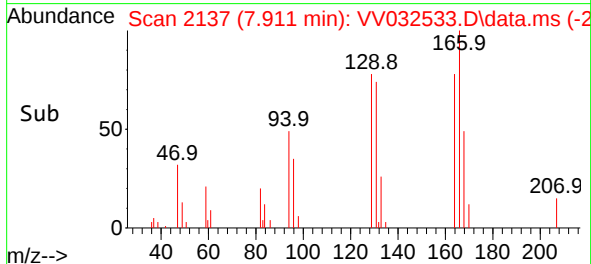


#47
Tetrachloroethene
Concen: 0.750 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032533.D
Acq: 20 Oct 2023 19:05

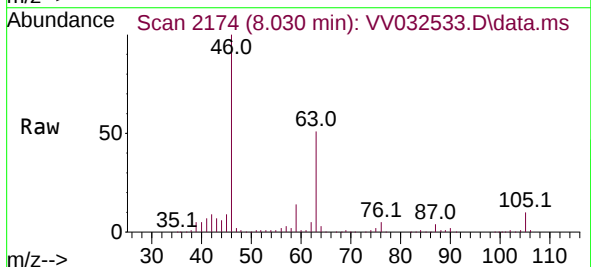
Instrument :
MSVOA_V
ClientSampleId :



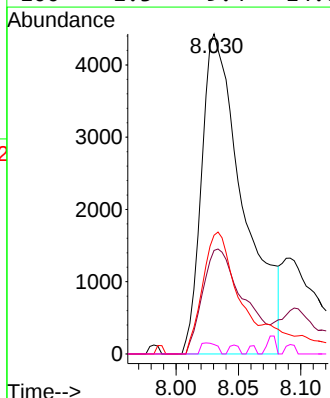
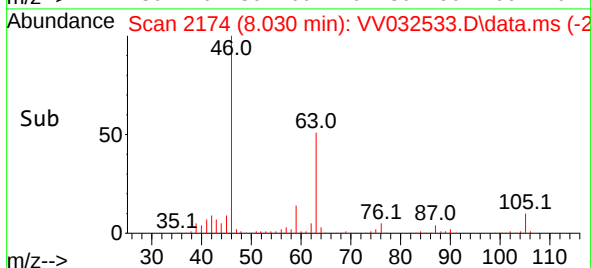
Tgt	Ion:164	Resp:	5042
Ion	Ratio	Lower	Upper
164	100		
129	100.6	66.4	123.4
131	95.7	63.7	118.3
166	129.0	87.9	163.3

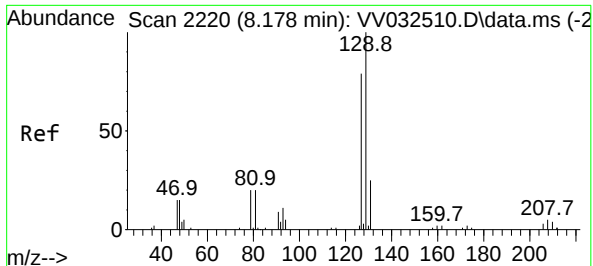


#48
2-Hexanone
Concen: 2.654 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.051 min
Lab File: VV032533.D
Acq: 20 Oct 2023 19:05



Tgt Ion: 43	Resp:	10289	
Ion	Ratio	Lower	Upper
43	100		
58	32.8	43.6	65.4#
57	32.1	14.6	22.0#
100	1.3	9.4	14.0#





#49

Dibromochloromethane

Concen: 0.838 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

Instrument :

MSVOA_V

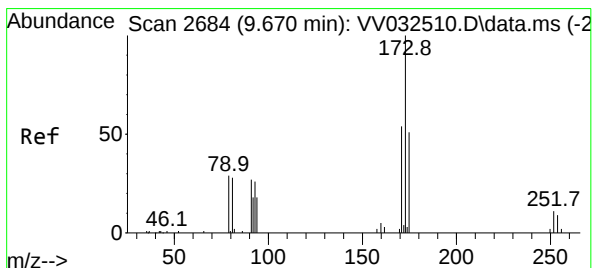
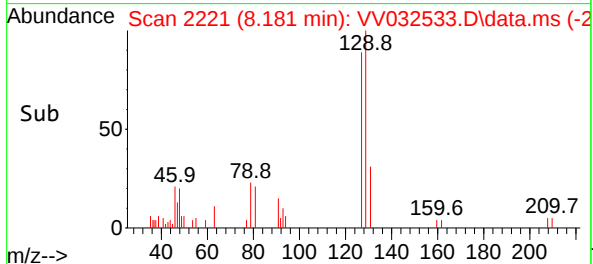
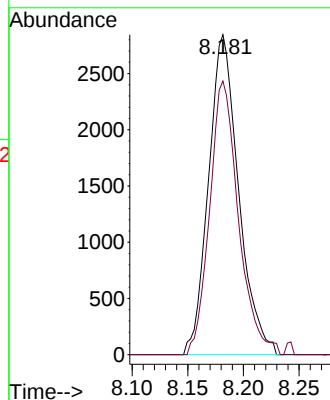
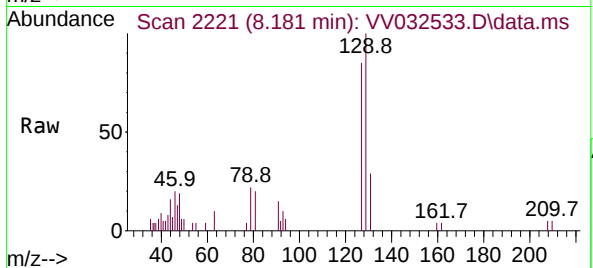
ClientSampleId :

Tgt Ion:129 Resp: 5342

Ion Ratio Lower Upper

129 100

127 85.5 57.2 106.2



#59

Bromoform

Concen: 0.691 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

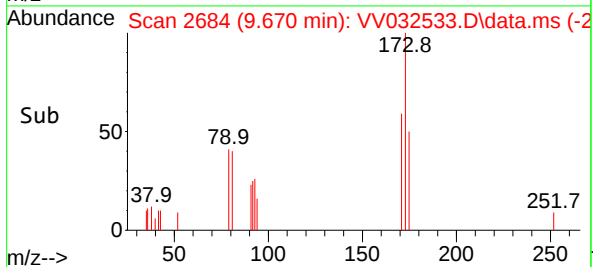
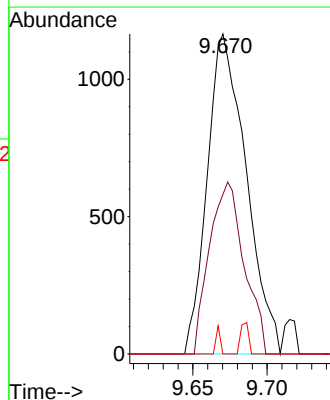
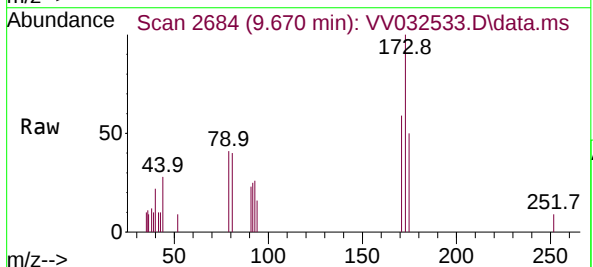
Tgt Ion:173 Resp: 2120

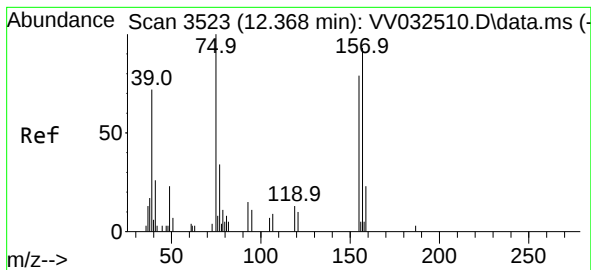
Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.2

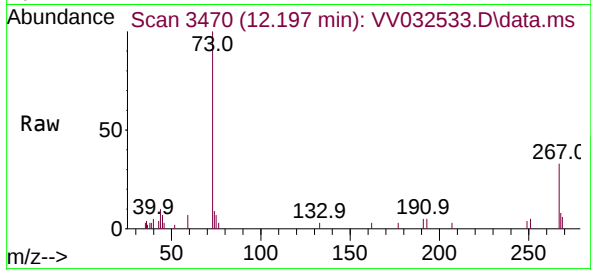
254 0.9 7.0 10.4#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.463 ug/L
RT: 12.197 min Scan# 34
Delta R.T. -0.170 min
Lab File: VV032533.D
Acq: 20 Oct 2023 19:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 425
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#

