

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034120.D
 Acq On : 09 Feb 2024 18:28
 Operator : SY/MD
 Sample : P1402-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 23:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

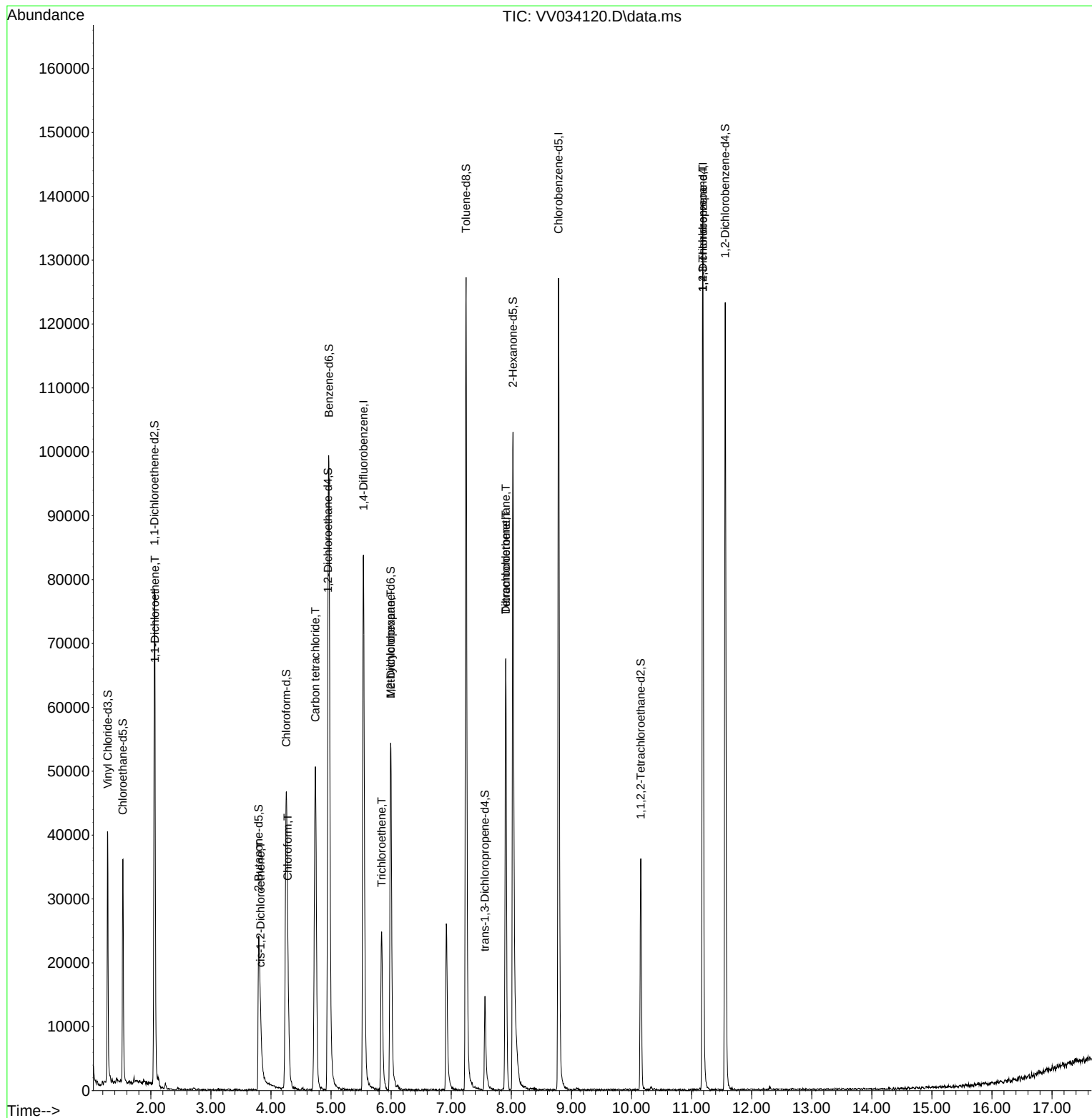
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	75212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26207	4.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.532	69	22054	4.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.060	65	12872	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.796	46	41681	42.606	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.220%
24) Chloroform-d	4.256	84	46731	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.947	65	24084	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.963	84	89834	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.992	67	25275	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	86062	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.561	79	9875	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.027	63	36844	46.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16496	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30842	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	2324	0.442	ug/L #	1
22) cis-1,2-Dichloroethene	3.828	96	2366	0.390	ug/L	92
25) Chloroform	4.278	83	10386	1.045	ug/L	96
31) Carbon tetrachloride	4.738	117	38375	4.664	ug/L	98
34) Trichloroethene	5.841	95	9249	1.521	ug/L	95
35) Methylcyclohexane	5.992	83	6615	0.693	ug/L #	17
47) Tetrachloroethene	7.908	164	15041	3.045	ug/L	92
49) Dibromochloromethane	7.908	129	13737	3.679	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4437	1.818	ug/L #	63

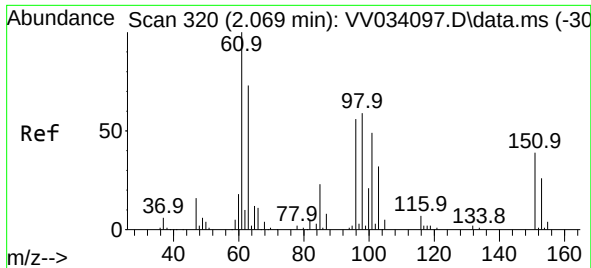
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 22:58:56 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.442 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034120.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_V

ClientSampleId :

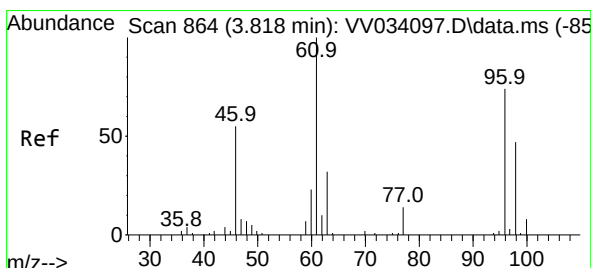
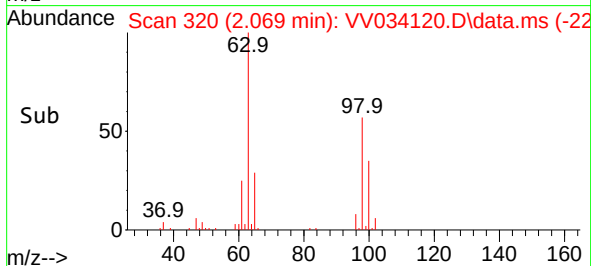
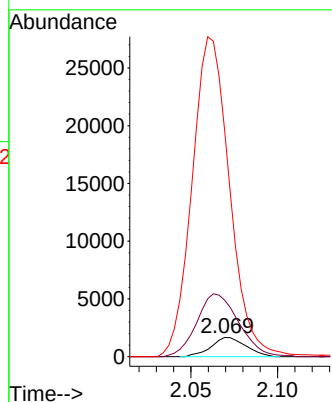
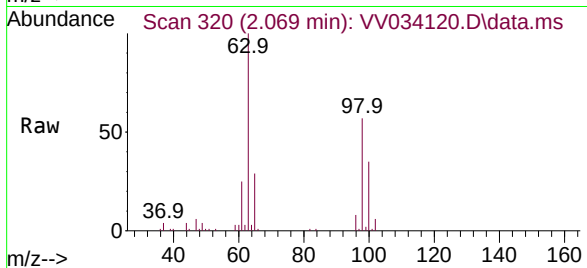
Tgt Ion: 96 Resp: 2324

Ion Ratio Lower Upper

96 100

61 294.0 128.8 239.2#

63 1182.3 97.9 181.9#



#22

cis-1,2-Dichloroethene

Concen: 0.390 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.010 min

Lab File: VV034120.D

Acq: 09 Feb 2024 18:28

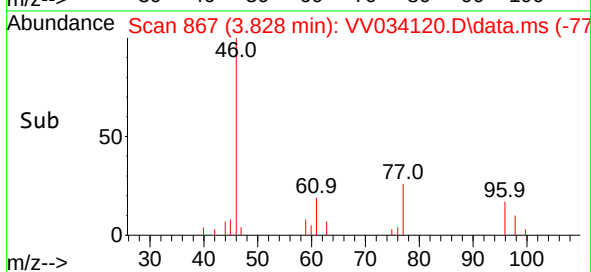
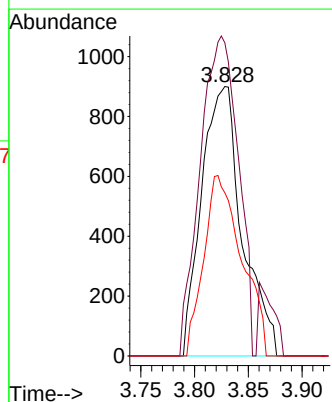
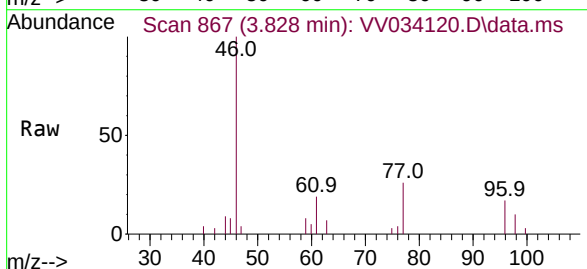
Tgt Ion: 96 Resp: 2366

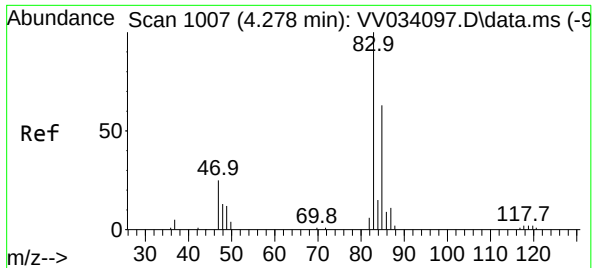
Ion Ratio Lower Upper

96 100

61 116.2 90.3 167.7

98 60.6 43.2 80.2

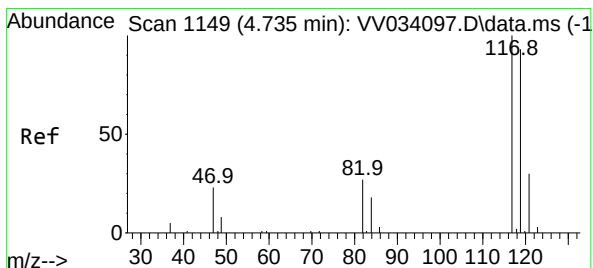
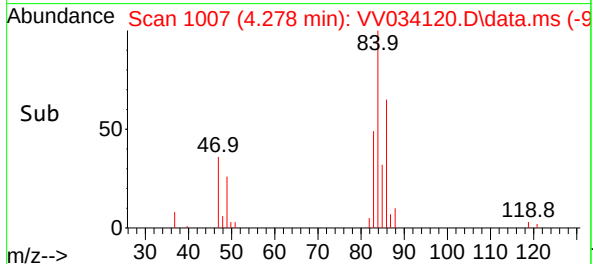
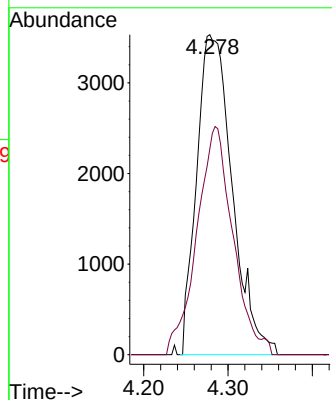
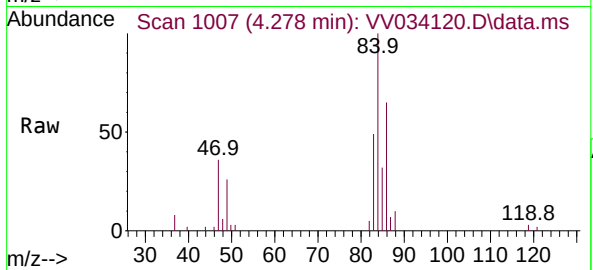




#25
Chloroform
Concen: 1.045 ug/L
RT: 4.278 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV034120.D
Acq: 09 Feb 2024 18:28

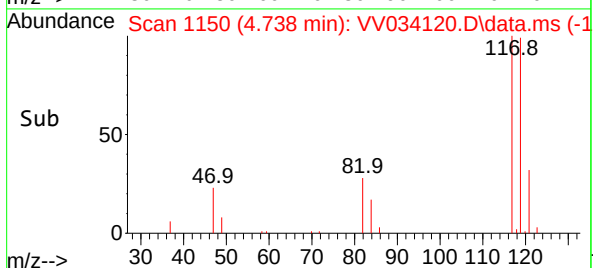
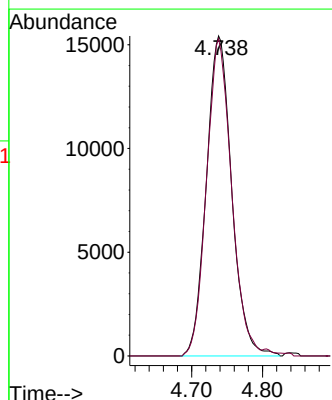
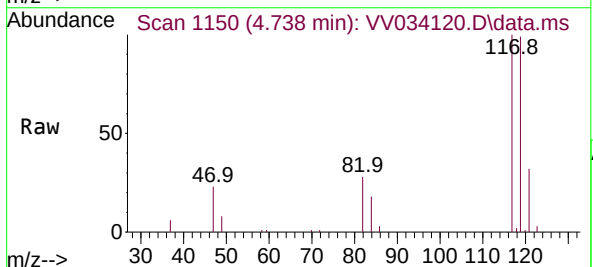
Instrument :
MSVOA_V
ClientSampleId :

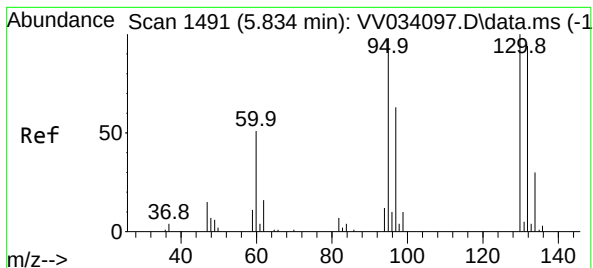
Tgt Ion: 83 Resp: 10386
Ion Ratio Lower Upper
83 100
85 64.3 47.5 88.1



#31
Carbon tetrachloride
Concen: 4.664 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV034120.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 117 Resp: 38375
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1





#34

Trichloroethene

Concen: 1.521 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

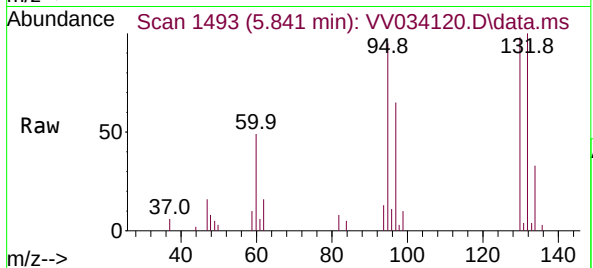
Lab File: VV034120.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 9249

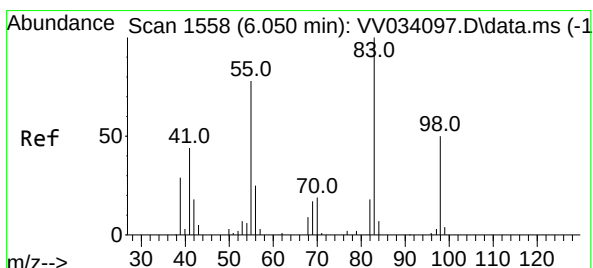
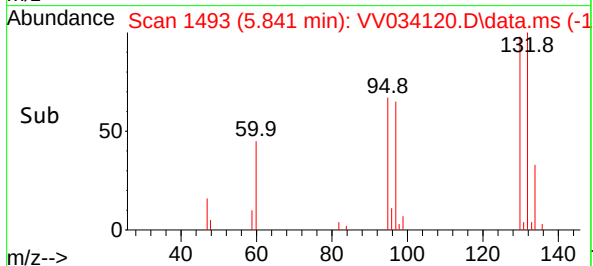
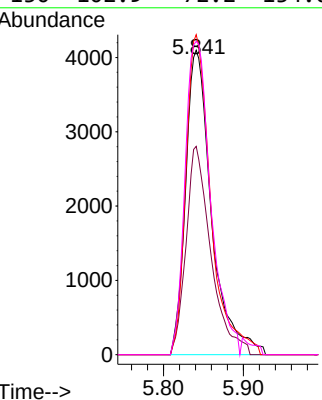
Ion Ratio Lower Upper

95 100

97 68.4 45.1 83.7

132 105.1 66.0 122.6

130 102.9 72.2 134.0



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034120.D

Acq: 09 Feb 2024 18:28

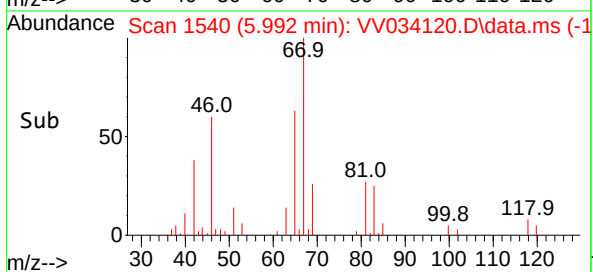
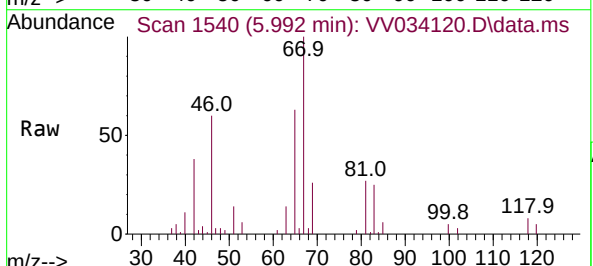
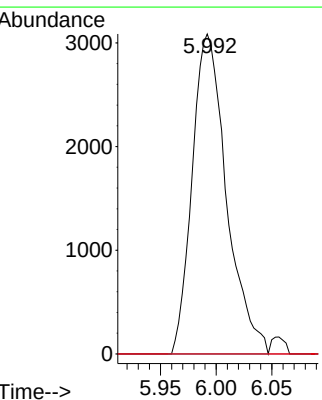
Tgt Ion: 83 Resp: 6615

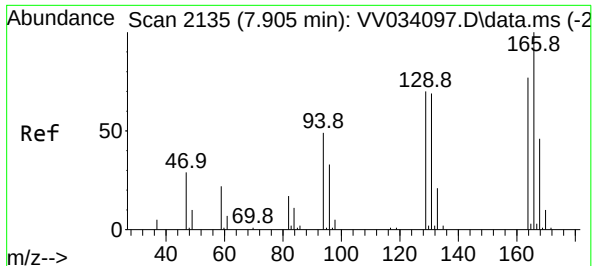
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#





#47

Tetrachloroethene

Concen: 3.045 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

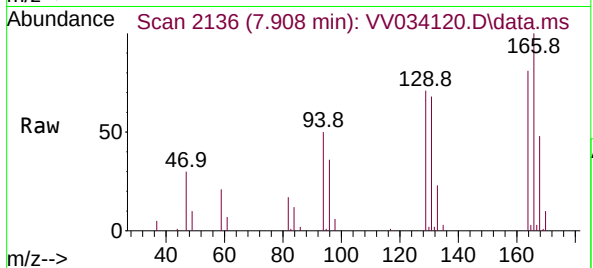
Lab File: VV034120.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 15041

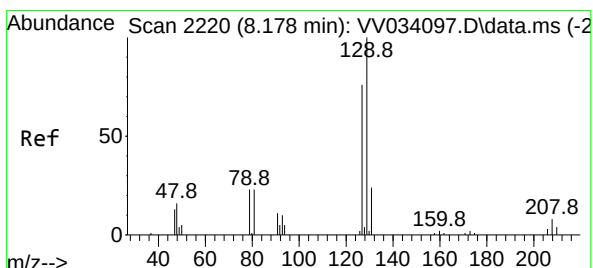
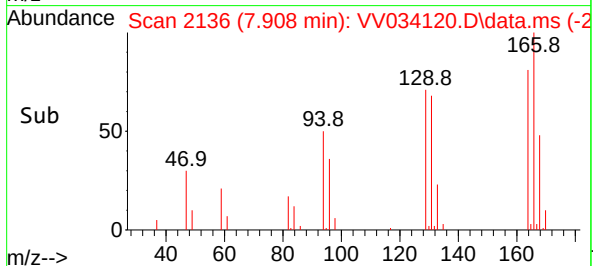
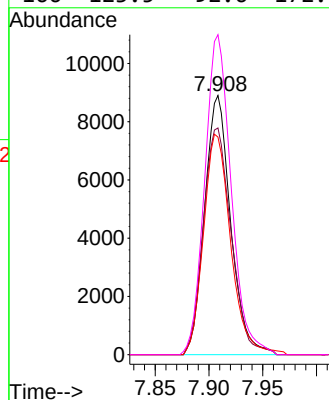
Ion Ratio Lower Upper

164 100

129 87.5 67.8 125.8

131 83.9 63.0 117.0

166 123.5 92.6 172.0



#49

Dibromochloromethane

Concen: 3.679 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV034120.D

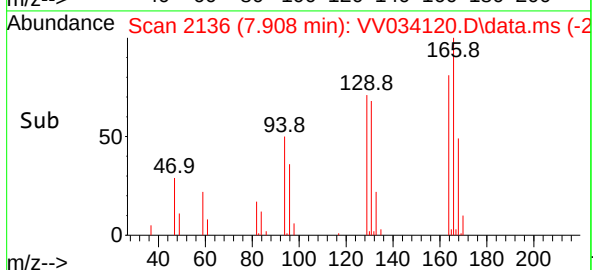
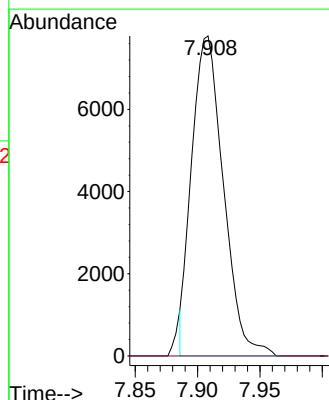
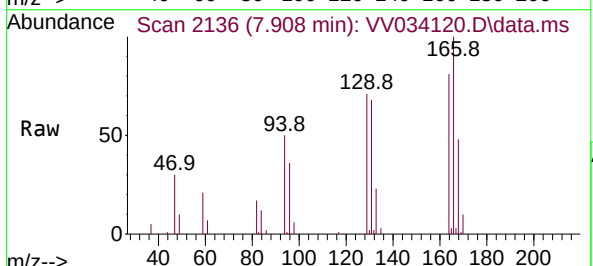
Acq: 09 Feb 2024 18:28

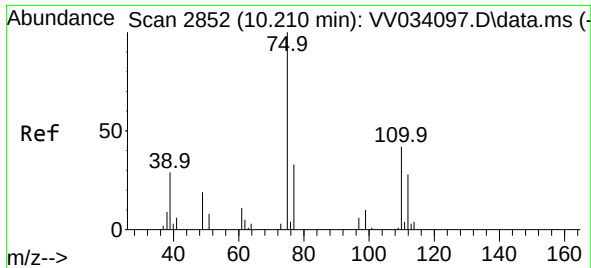
Tgt Ion:129 Resp: 13737

Ion Ratio Lower Upper

129 100

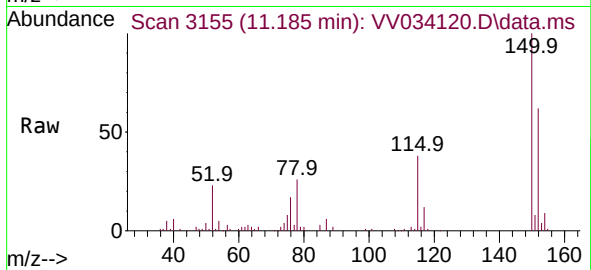
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.818 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV034120.D
Acq: 09 Feb 2024 18:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 4437
Ion Ratio Lower Upper
75 100
77 36.4 26.9 40.3
110 2.3 33.3 49.9#

