

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033838.D
 Acq On : 23 Jan 2024 18:45
 Operator : SY/MD
 Sample : P1191-16 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:06:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

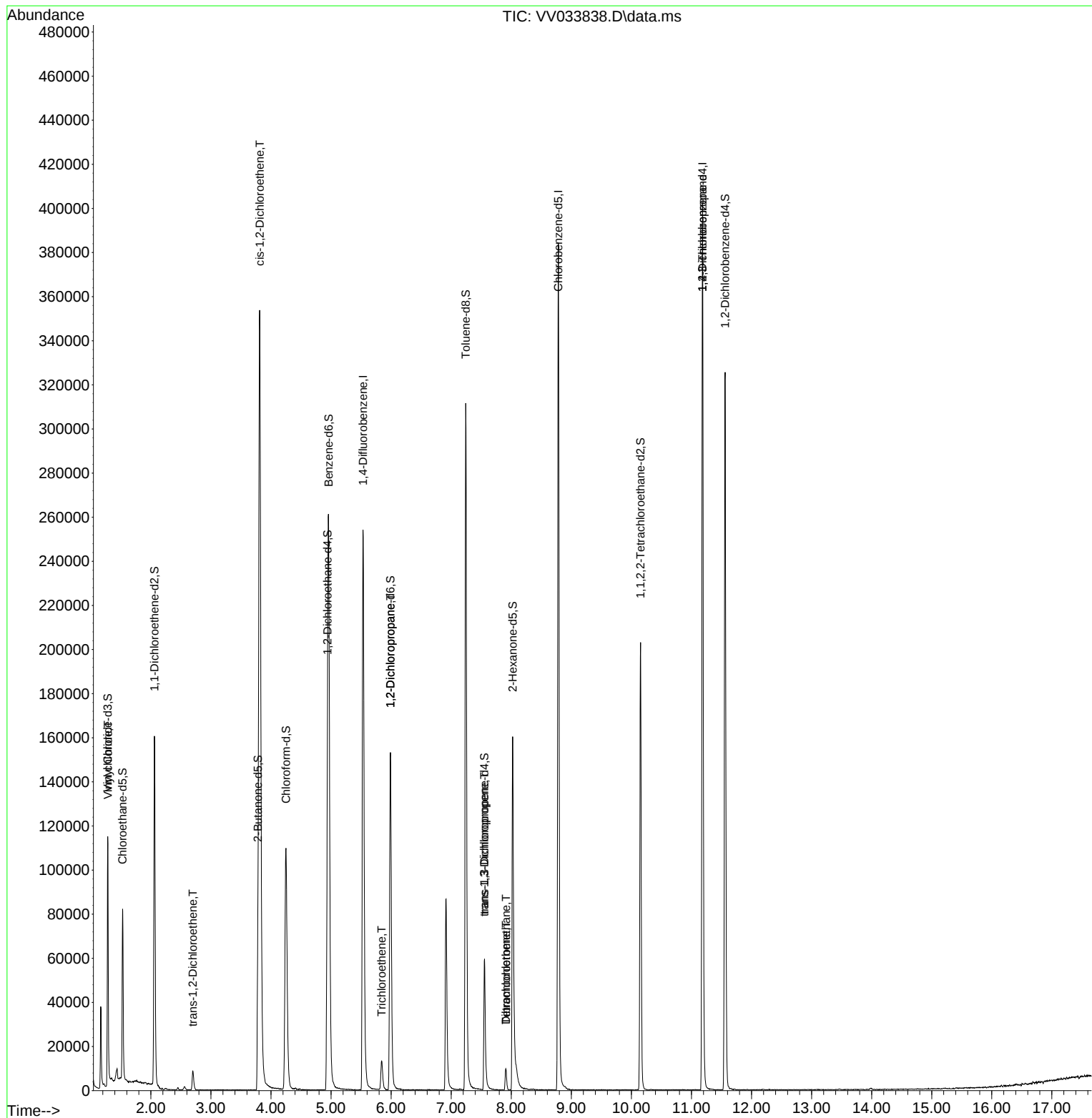
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	219164	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	200450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55783	33.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.240%		
7) Chloroethane-d5	1.529	69	50259	37.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.360%		
11) 1,1-Dichloroethene-d2	2.059	65	27379	37.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.540%		
21) 2-Butanone-d5	3.783	46	80219	69.434	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.430%		
24) Chloroform-d	4.249	84	116374	38.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.280%		
26) 1,2-Dichloroethane-d4	4.940	65	82323	42.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.600%		
32) Benzene-d6	4.960	84	227921	39.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.000%		
36) 1,2-Dichloropropane-d6	5.989	67	73062	38.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.900%		
41) Toluene-d8	7.243	98	205772	40.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.160%		
43) trans-1,3-Dichloroprop...	7.554	79	35129	37.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.780%		
47) 2-Hexanone-d5	8.024	63	55471	71.292	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.290%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	94219	39.345	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.680%		
66) 1,2-Dichlorobenzene-d4	11.561	152	80771	42.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.680%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	18745	9.451	ug/L	92
17) trans-1,2-Dichloroethene	2.699	96	3401	2.315	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	186154	113.839	ug/L	94
34) Trichloroethene	5.844	95	4569	2.893	ug/L	91
37) 1,2-Dichloropropane	5.989	63	8651	5.340	ug/L #	88
44) trans-1,3-Dichloropropene	7.551	75	1859	0.746	ug/L	93
46) Tetrachloroethene	7.911	164	2457	2.121	ug/L	95
49) Dibromochloromethane	7.911	129	2122	1.386	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	12269	6.875	ug/L #	64

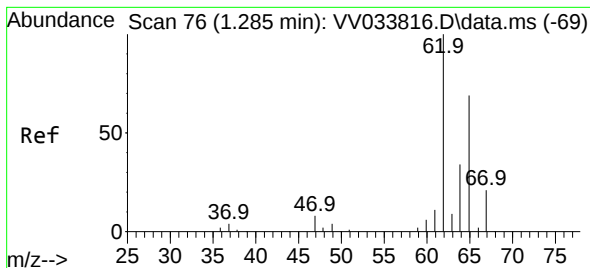
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
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Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.451 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033838.D

Acq: 23 Jan 2024 18:45

Instrument :

MSVOA_V

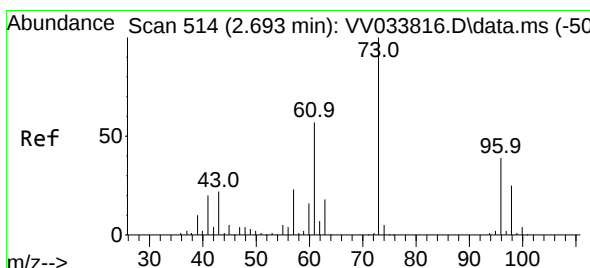
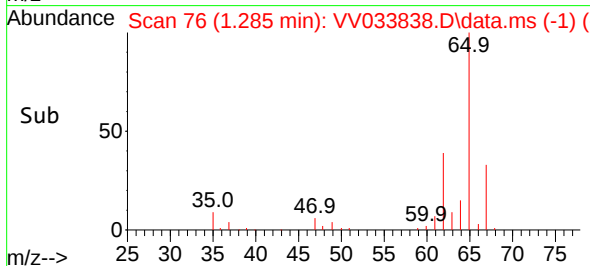
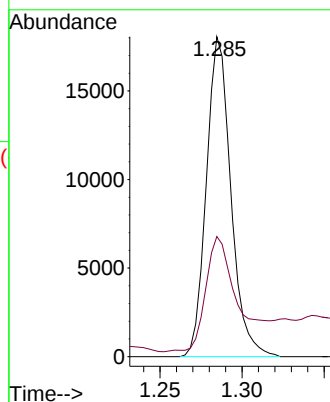
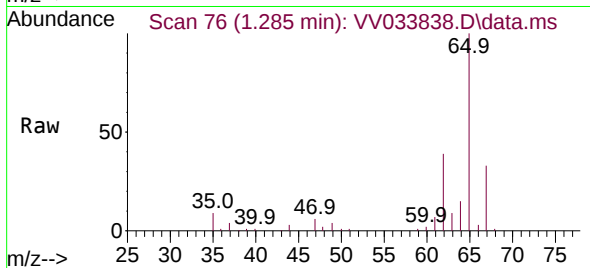
ClientSampleId :

Tgt Ion: 62 Resp: 18745

Ion Ratio Lower Upper

62 100

64 37.6 23.2 43.0



#17

trans-1,2-Dichloroethene

Concen: 2.315 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.006 min

Lab File: VV033838.D

Acq: 23 Jan 2024 18:45

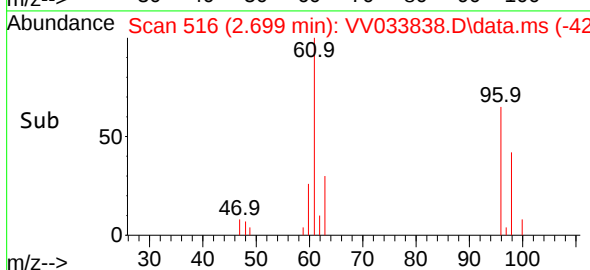
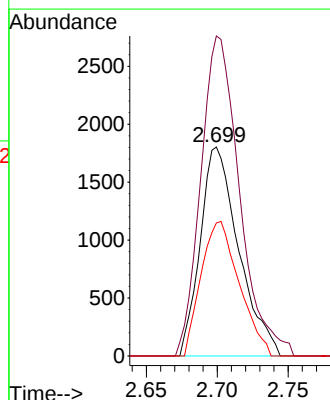
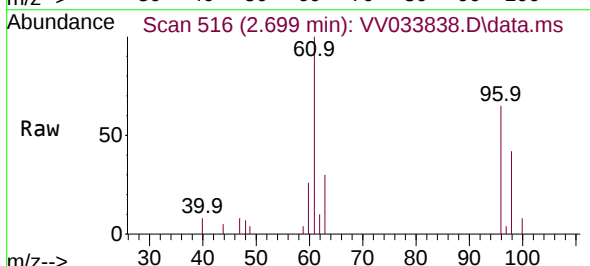
Tgt Ion: 96 Resp: 3401

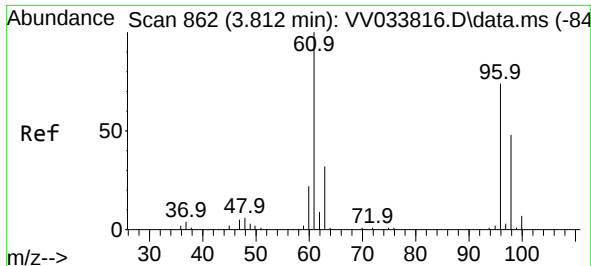
Ion Ratio Lower Upper

96 100

61 153.2 108.4 201.4

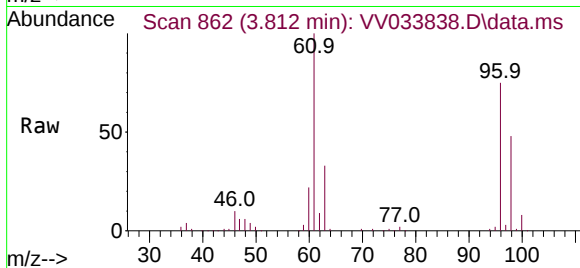
98 63.6 43.8 81.4





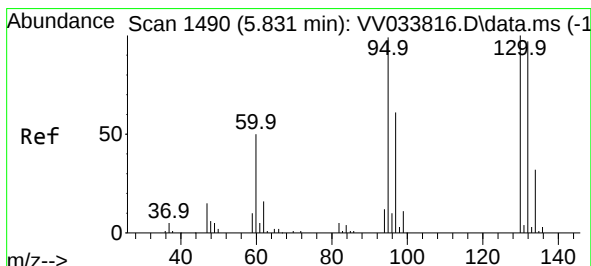
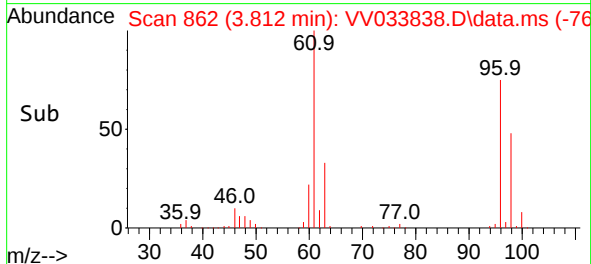
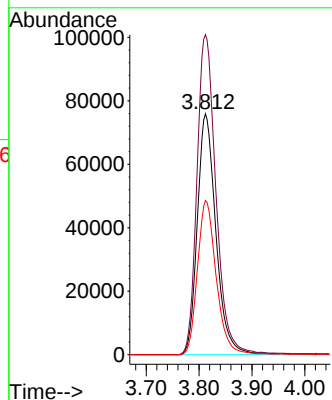
#20
cis-1,2-Dichloroethene
Concen: 113.839 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033838.D
Acq: 23 Jan 2024 18:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 186154

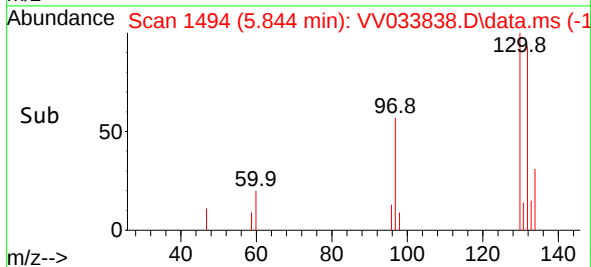
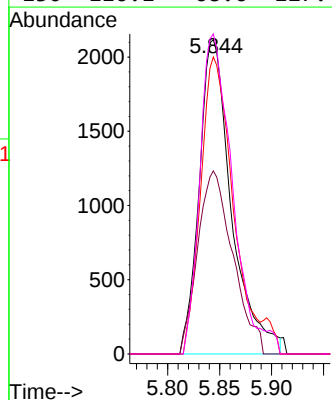
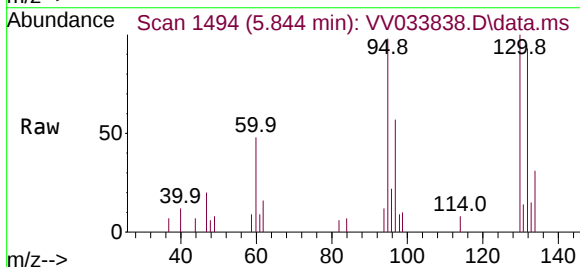
Ion	Ratio	Lower	Upper
96	100		
61	132.8	100.6	186.8
98	64.0	44.6	82.8

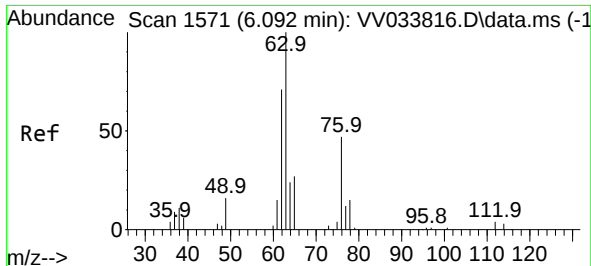


#34
Trichloroethene
Concen: 2.893 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV033838.D
Acq: 23 Jan 2024 18:45

Tgt Ion: 95 Resp: 4569

Ion	Ratio	Lower	Upper
95	100		
97	58.2	44.4	82.4
132	94.5	65.5	121.7
130	116.1	68.6	127.4





#37

1,2-Dichloropropane

Concen: 5.340 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033838.D

Acq: 23 Jan 2024 18:45

Instrument :

MSVOA_V

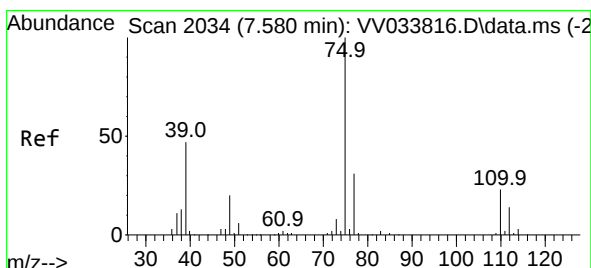
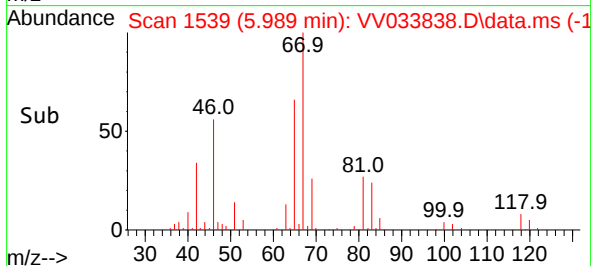
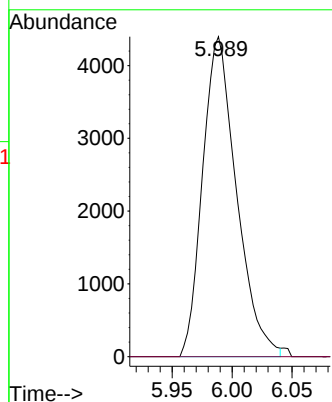
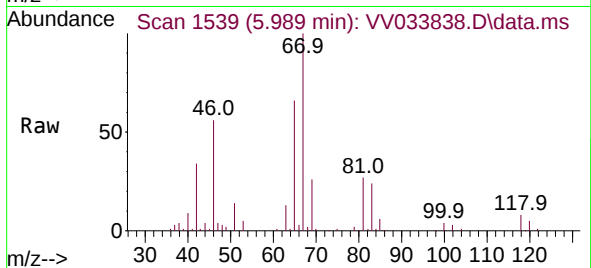
ClientSampleId :

Tgt Ion: 63 Resp: 8651

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033838.D

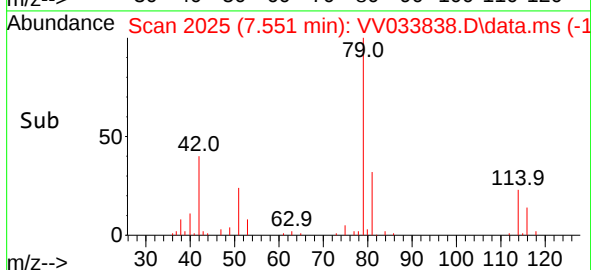
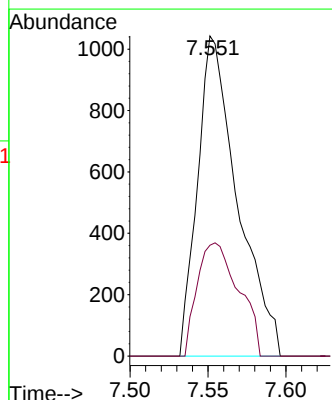
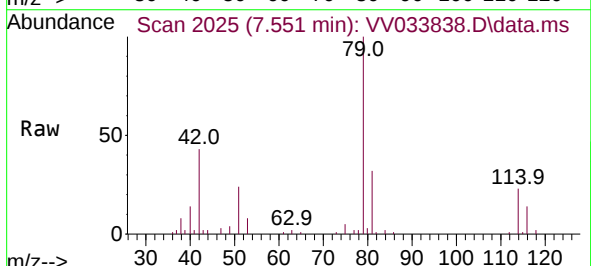
Acq: 23 Jan 2024 18:45

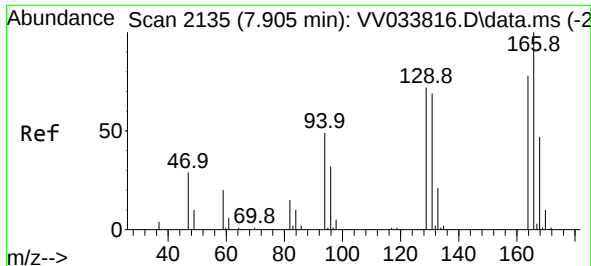
Tgt Ion: 75 Resp: 1859

Ion Ratio Lower Upper

75 100

77 34.6 21.6 40.0





#46

Tetrachloroethene

Concen: 2.121 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

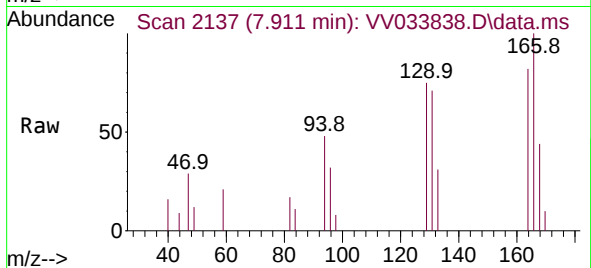
Lab File: VV033838.D

Acq: 23 Jan 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2457

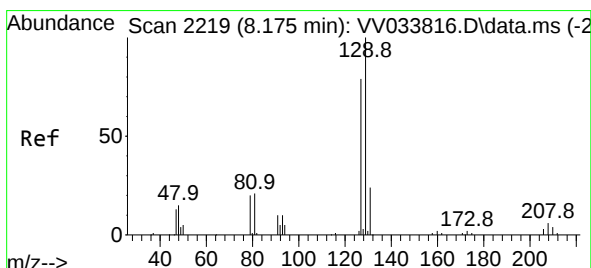
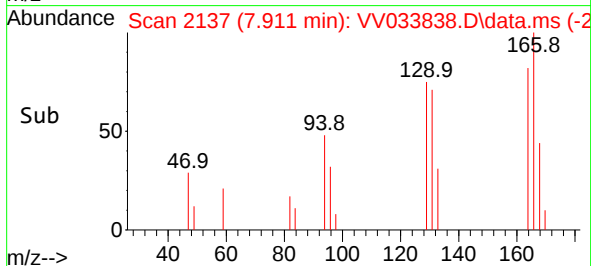
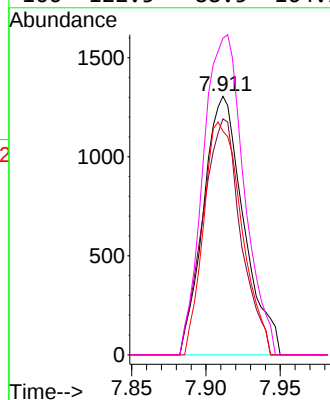
Ion Ratio Lower Upper

164 100

129 91.3 66.1 122.7

131 86.5 65.9 122.5

166 122.5 88.5 164.3



#49

Dibromochloromethane

Concen: 1.386 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV033838.D

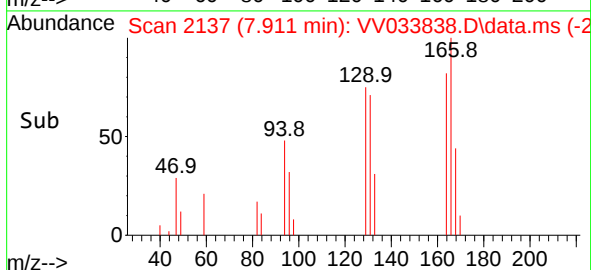
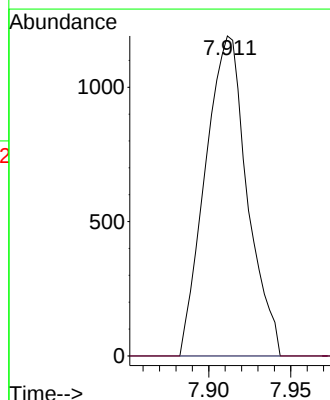
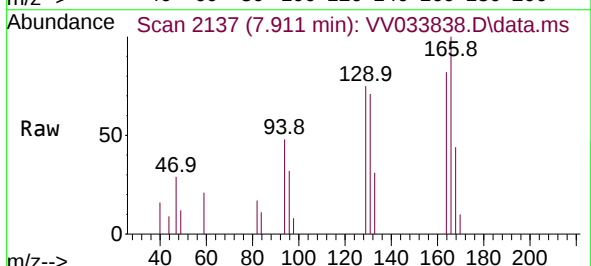
Acq: 23 Jan 2024 18:45

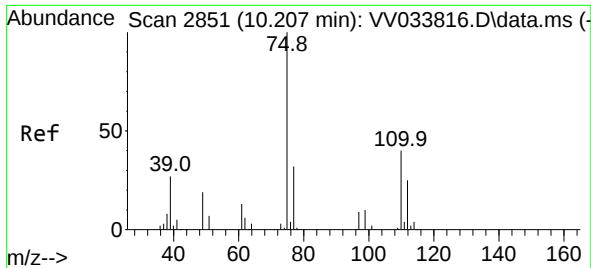
Tgt Ion:129 Resp: 2122

Ion Ratio Lower Upper

129 100

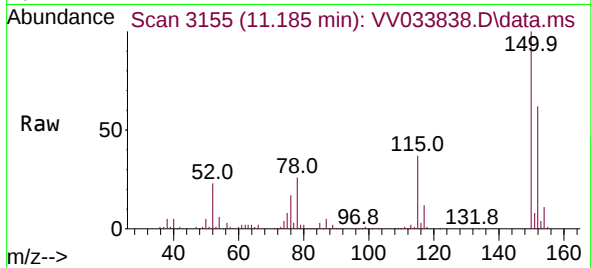
127 0.0 54.5 101.3#





#61
 1,2,3-Trichloropropane
 Concen: 6.875 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.977 min
 Lab File: VV033838.D
 Acq: 23 Jan 2024 18:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	12269
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.3	37.9
110	2.1	29.5	44.3#

