

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038001.D
 Acq On : 11 Nov 2024 17:17
 Operator : SY/MD
 Sample : P4749-14DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

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

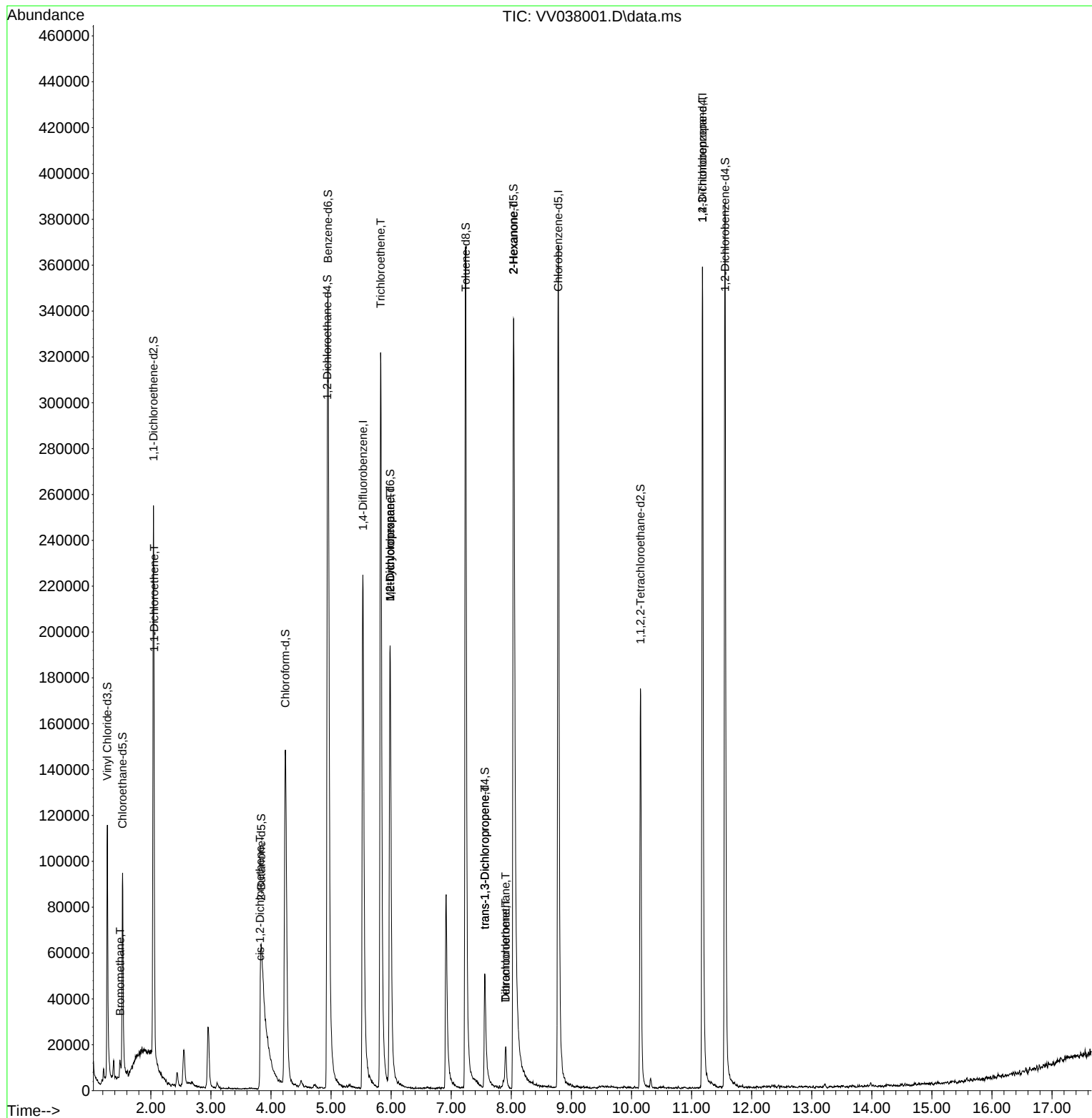
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	227136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	224671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	104003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	82669	4.755	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.529	69	67434	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.043	65	39282	5.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	3.838	46	191563	59.118	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.240%
24) Chloroform-d	4.236	84	170958	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	4.937	65	86989	6.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.800%
32) Benzene-d6	4.950	84	325835	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
36) 1,2-Dichloropropane-d6	5.982	67	104415	6.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.400%
41) Toluene-d8	7.239	98	273223	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.558	79	35733	5.462	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.200%
46) 2-Hexanone-d5	8.037	63	167486	65.875	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.760%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	91511	6.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.200%#
66) 1,2-Dichlorobenzene-d4	11.558	152	110795	6.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.200%#
Target Compounds						Qvalue
6) Bromomethane	1.487	94	3030	0.252	ug/L	83
12) 1,1-Dichloroethene	2.053	96	6432	0.415	ug/L #	1
22) cis-1,2-Dichloroethene	3.818	96	3295	0.187	ug/L	87
34) Trichloroethene	5.825	95	124994	7.311	ug/L	97
35) Methylcyclohexane	5.982	83	25363	0.995	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	11158	0.723	ug/L #	85
44) trans-1,3-Dichloropropene	7.558	75	1796	0.098	ug/L	94
47) Tetrachloroethene	7.905	164	4766	0.359	ug/L	90
48) 2-Hexanone	8.040	43	20541	3.740	ug/L #	69
49) Dibromochloromethane	7.905	129	4945	0.370	ug/L #	12
61) 1,2,3-Trichloropropane	11.181	75	12092	1.487	ug/L #	58

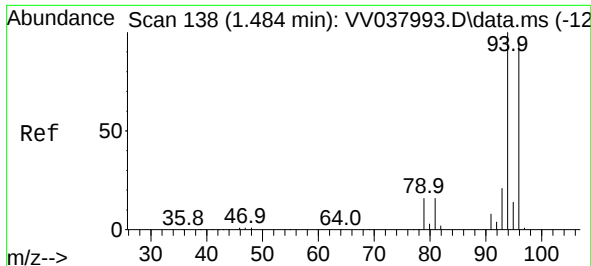
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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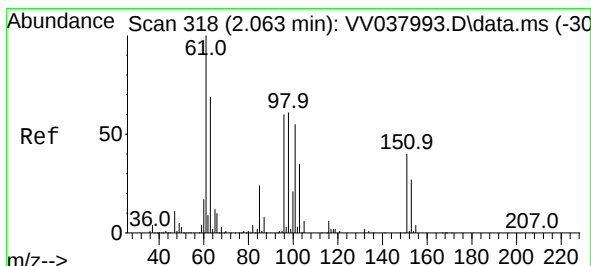
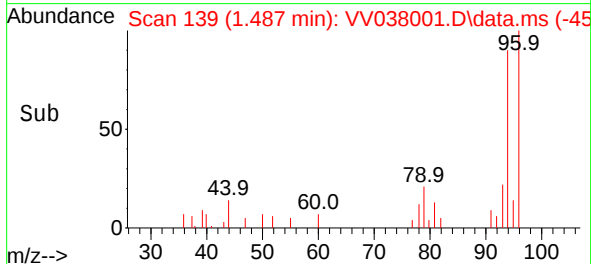
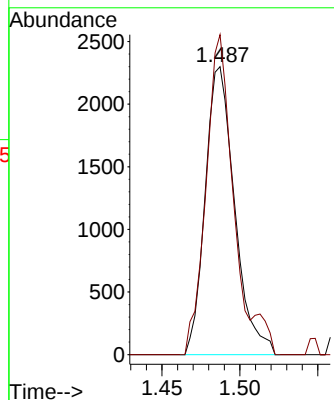
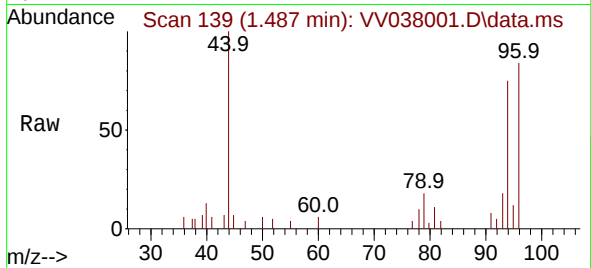




#6
Bromomethane
Concen: 0.252 ug/L
RT: 1.487 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038001.D
Acq: 11 Nov 2024 17:17

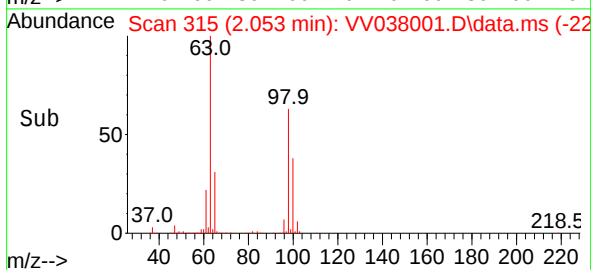
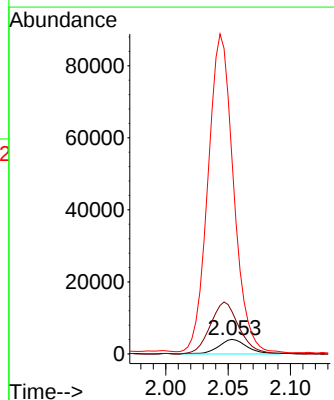
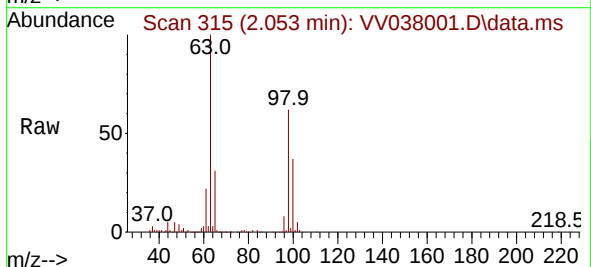
Instrument :
MSVOA_V
ClientSampleId :

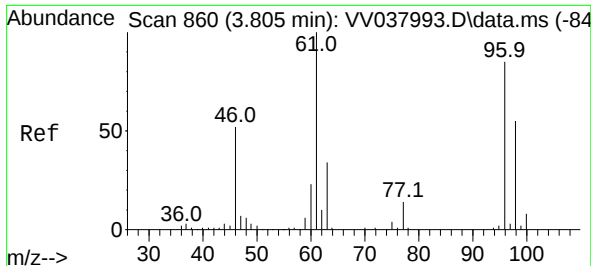
Tgt Ion: 94 Resp: 3030
Ion Ratio Lower Upper
94 100
96 111.1 66.3 123.1



#12
1,1-Dichloroethene
Concen: 0.415 ug/L
RT: 2.053 min Scan# 315
Delta R.T. -0.010 min
Lab File: VV038001.D
Acq: 11 Nov 2024 17:17

Tgt Ion: 96 Resp: 6432
Ion Ratio Lower Upper
96 100
61 290.1 117.4 218.0#
63 1332.7 91.7 170.3#





#22

cis-1,2-Dichloroethene

Concen: 0.187 ug/L

RT: 3.818 min Scan# 8

Delta R.T. 0.013 min

Lab File: VV038001.D

Acq: 11 Nov 2024 17:17

Instrument :

MSVOA_V

ClientSampleId :

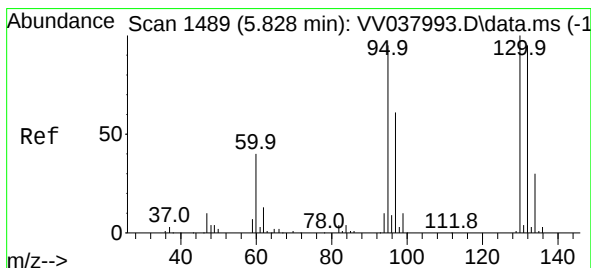
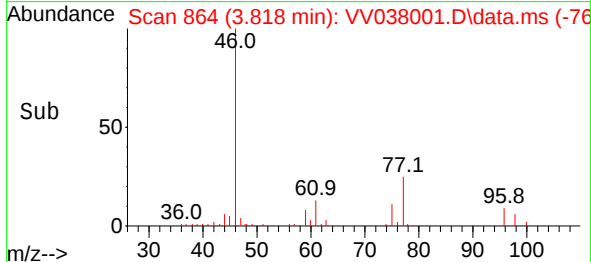
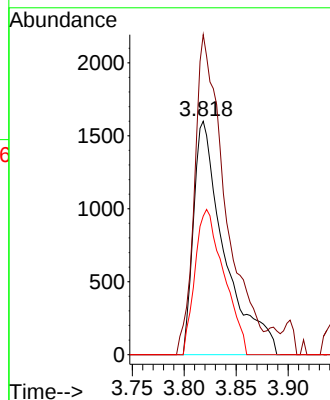
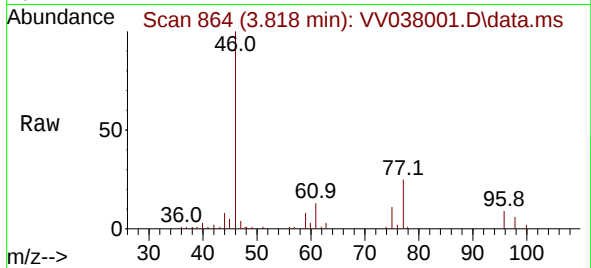
Tgt Ion: 96 Resp: 3295

Ion Ratio Lower Upper

96 100

61 137.1 83.4 154.8

98 59.4 44.6 82.8



#34

Trichloroethene

Concen: 7.311 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038001.D

Acq: 11 Nov 2024 17:17

Tgt Ion: 95 Resp: 124994

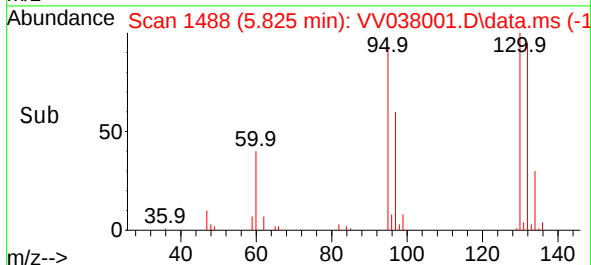
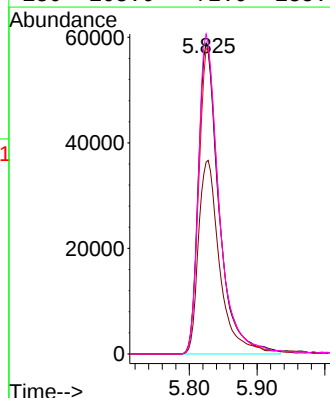
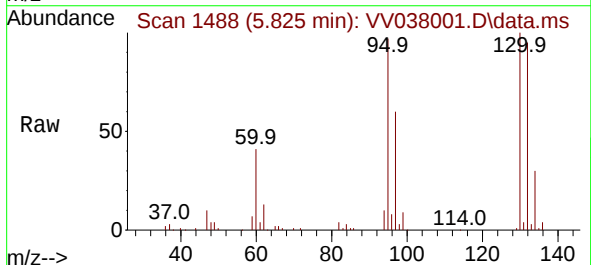
Ion Ratio Lower Upper

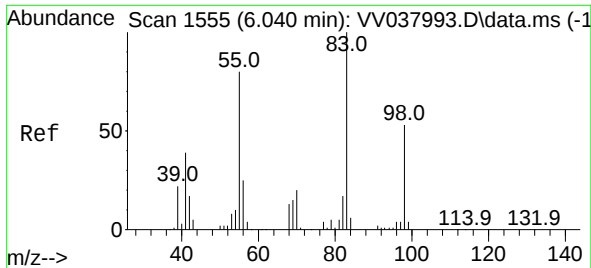
95 100

97 61.8 46.9 87.1

132 98.2 70.5 130.9

130 103.0 72.9 135.3





#35

Methylcyclohexane

Concen: 0.995 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038001.D

Acq: 11 Nov 2024 17:17

Instrument :

MSVOA_V

ClientSampleId :

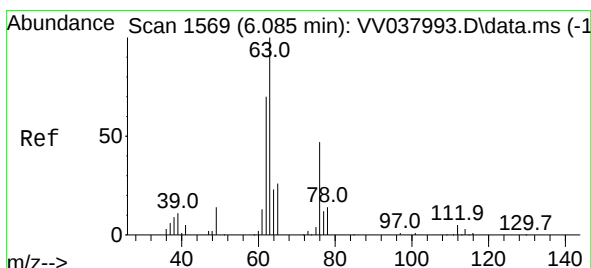
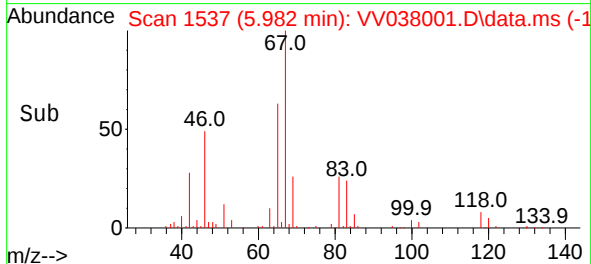
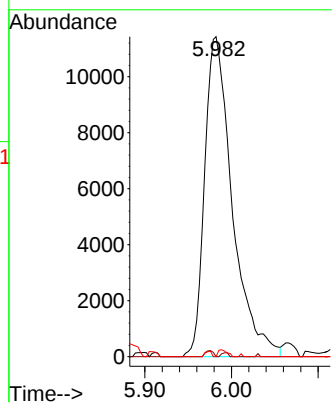
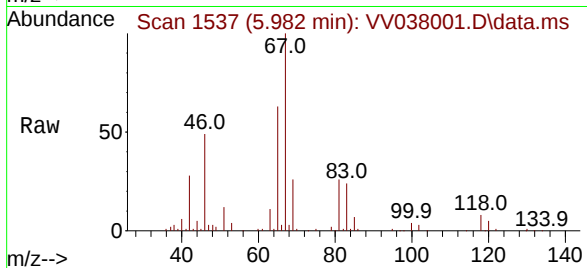
Tgt Ion: 83 Resp: 25363

Ion Ratio Lower Upper

83 100

55 0.3 59.3 88.9#

98 0.7 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.723 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.103 min

Lab File: VV038001.D

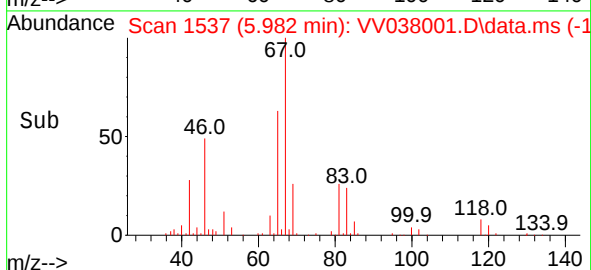
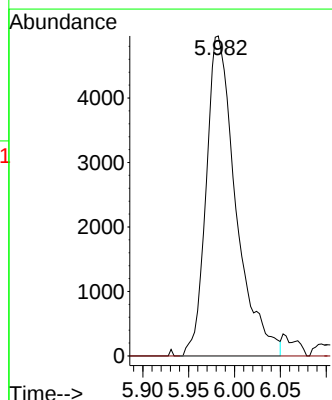
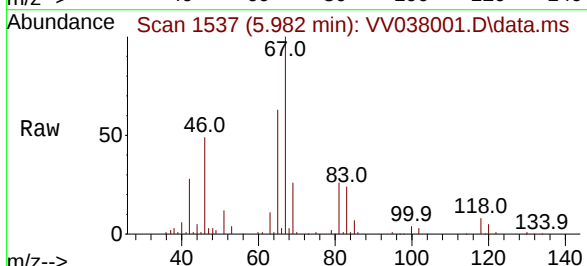
Acq: 11 Nov 2024 17:17

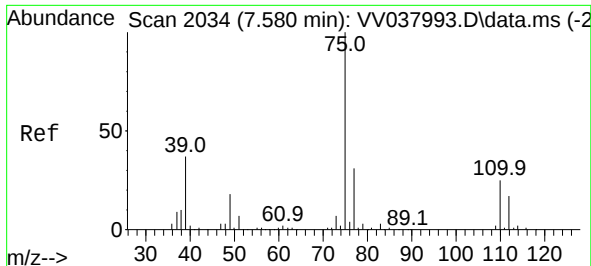
Tgt Ion: 63 Resp: 11158

Ion Ratio Lower Upper

63 100

112 0.2 4.1 6.1#

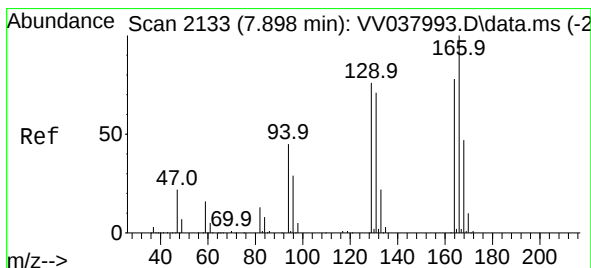
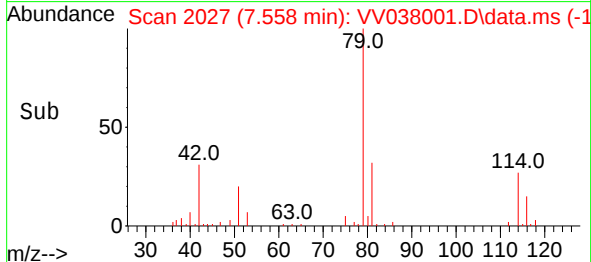
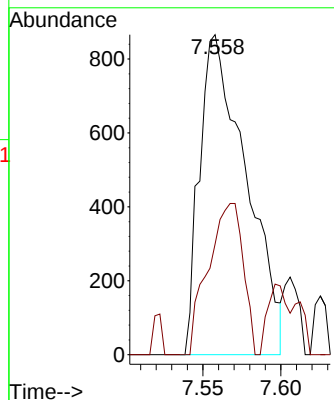
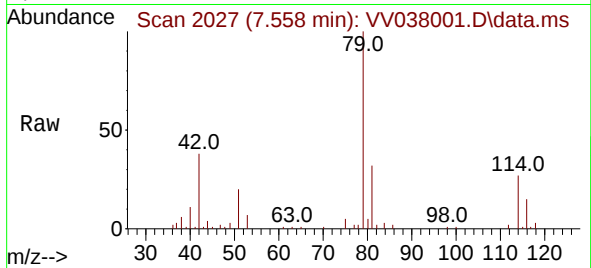




#44
trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.558 min Scan# 2034
Delta R.T. -0.022 min
Lab File: VV038001.D
Acq: 11 Nov 2024 17:17

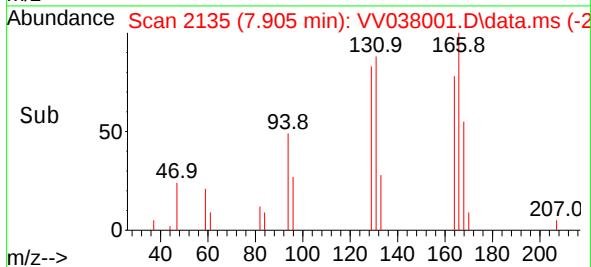
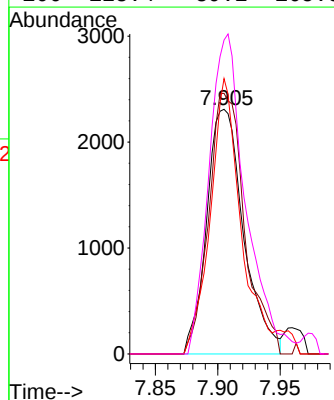
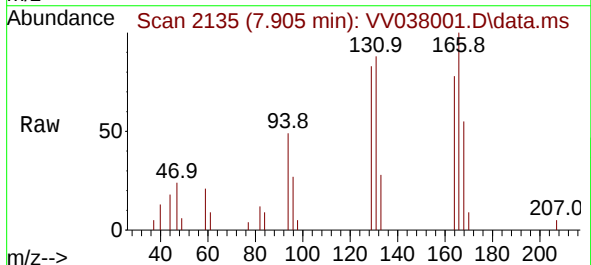
Instrument :
MSVOA_V
ClientSampleId :

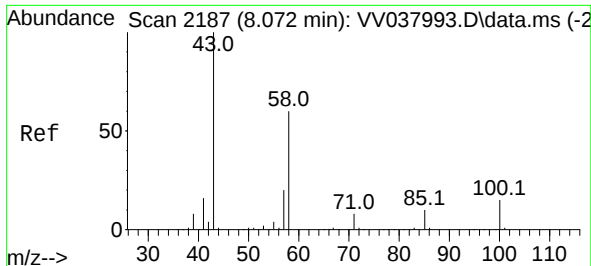
Tgt Ion: 75 Resp: 1796
Ion Ratio Lower Upper
75 100
77 34.5 21.8 40.6



#47
Tetrachloroethene
Concen: 0.359 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV038001.D
Acq: 11 Nov 2024 17:17

Tgt Ion:164 Resp: 4766
Ion Ratio Lower Upper
164 100
129 106.6 66.8 124.2
131 112.6 65.2 121.2
166 128.4 89.2 165.8





#48

2-Hexanone

Concen: 3.740 ug/L

RT: 8.040 min Scan# 21

Delta R.T. -0.032 min

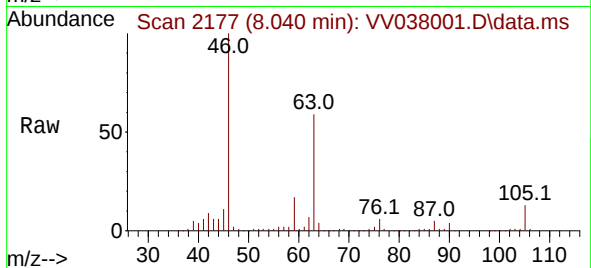
Lab File: VV038001.D

Acq: 11 Nov 2024 17:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 20541

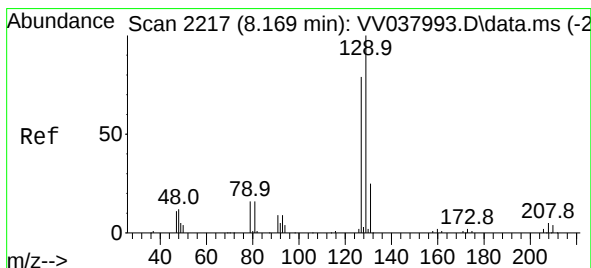
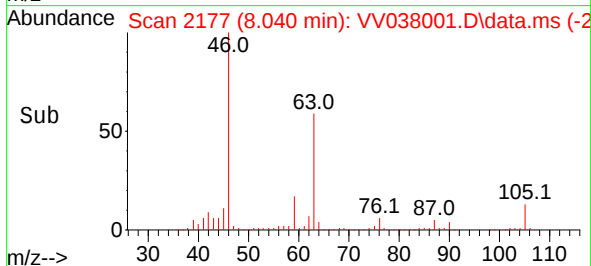
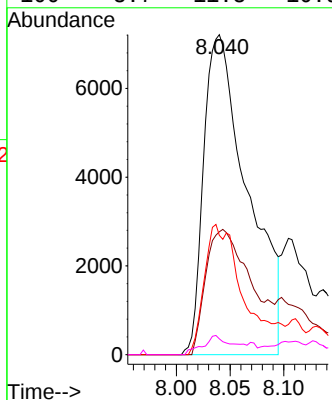
Ion Ratio Lower Upper

43 100

58 37.8 48.5 72.7#

57 37.3 16.3 24.5#

100 3.7 11.3 16.9#



#49

Dibromochloromethane

Concen: 0.370 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.264 min

Lab File: VV038001.D

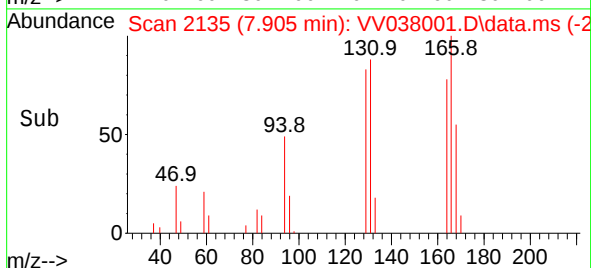
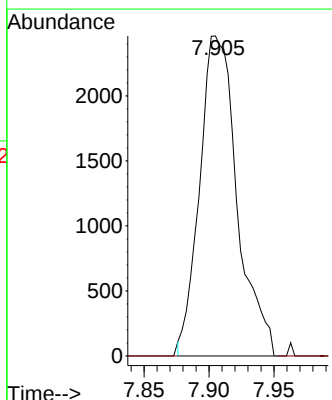
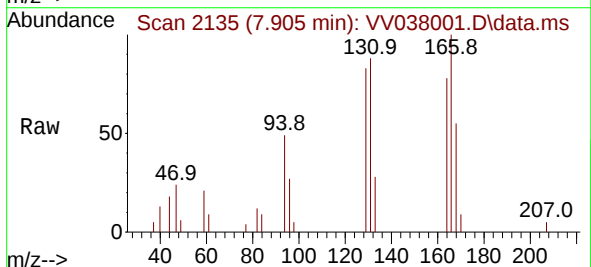
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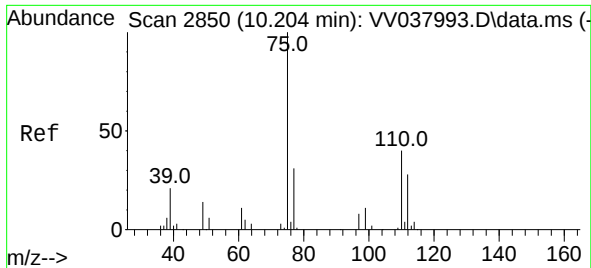
Tgt Ion:129 Resp: 4945

Ion Ratio Lower Upper

129 100

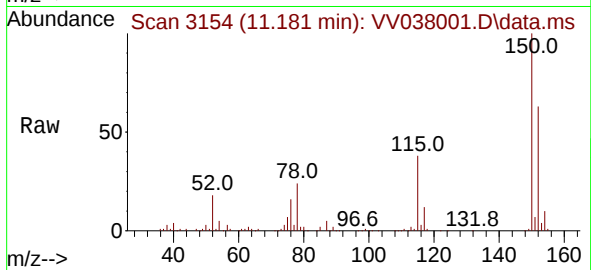
127 0.0 52.2 97.0#





#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038001.D
Acq: 11 Nov 2024 17:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75	Resp: 12092
Ion Ratio	Lower Upper
75	100
77	39.1 24.9 37.3#
110	2.7 33.5 50.3#

