

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037560.D
 Acq On : 26 Sep 2024 19:43
 Operator : SY/MD
 Sample : P4184-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:55:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

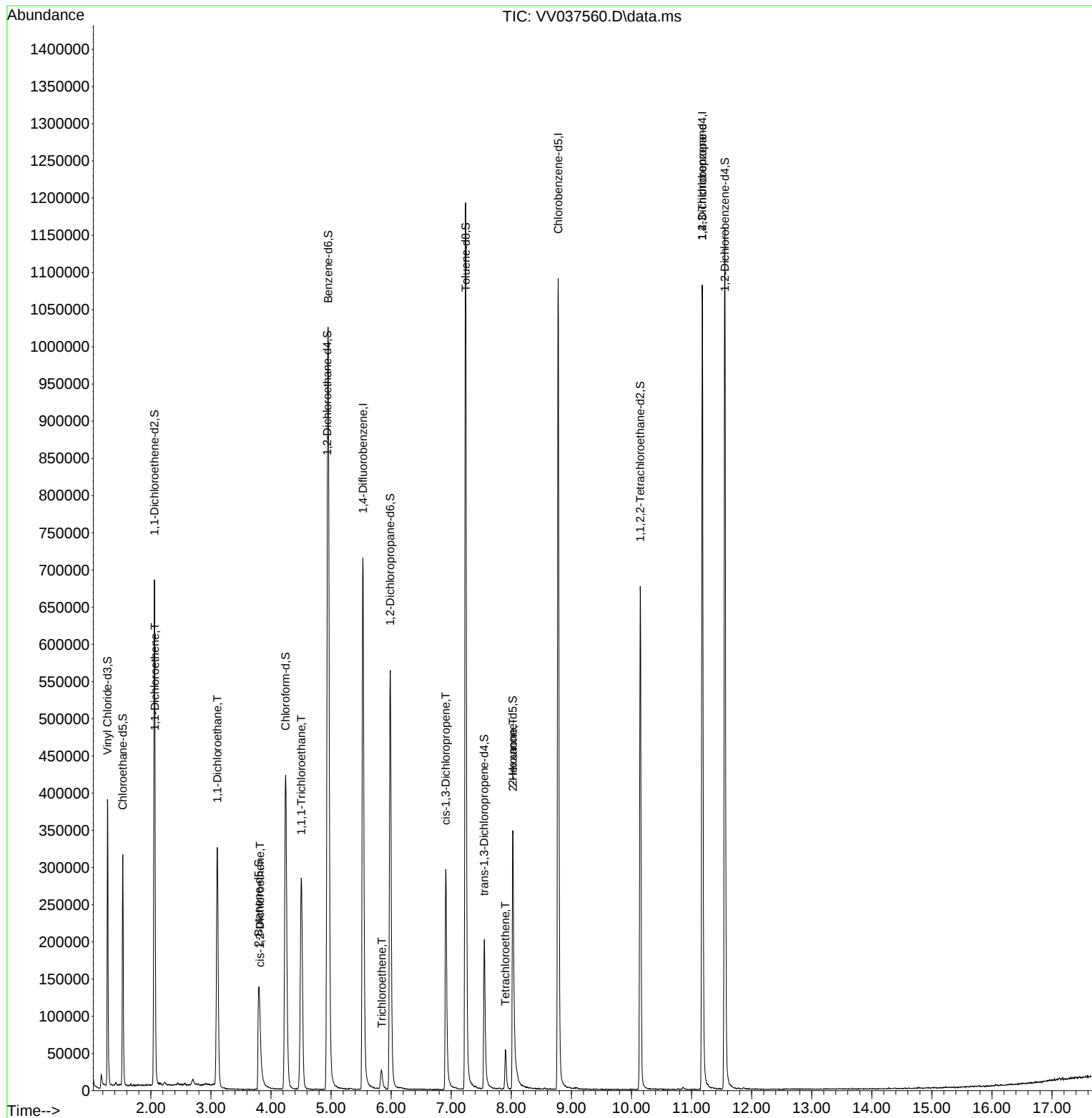
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	639919	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	617246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	284792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	255349	45.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.920%		
7) Chloroethane-d5	1.532	69	204057	46.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.600%		
11) 1,1-Dichloroethene-d2	2.060	65	108638	46.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.580%		
21) 2-Butanone-d5	3.793	46	195981	97.950	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.950%		
24) Chloroform-d	4.243	84	457012	45.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.460%		
26) 1,2-Dichloroethane-d4	4.937	65	279476	47.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
32) Benzene-d6	4.954	84	912476	47.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.480%		
36) 1,2-Dichloropropane-d6	5.986	67	287992	46.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.640%		
41) Toluene-d8	7.240	98	810798	46.294	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.580%		
43) trans-1,3-Dichloroprop...	7.548	79	123841	43.345	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.680%		
47) 2-Hexanone-d5	8.024	63	121524	93.572	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.570%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	332171	46.481	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.960%		
66) 1,2-Dichlorobenzene-d4	11.555	152	299374	49.886	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.780%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	17029	3.997	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	319278	36.974	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	20384	4.042	ug/L	96
30) 1,1,1-Trichloroethane	4.507	97	238075	31.317	ug/L	100
34) Trichloroethene	5.844	95	8597	1.734	ug/L	94
39) cis-1,3-Dichloropropene	6.908	75	8222	1.071	ug/L #	56
46) Tetrachloroethene	7.902	164	12493	3.296	ug/L	96
48) 2-Hexanone	8.027	43	15994	5.255	ug/L #	75
61) 1,2,3-Trichloropropane	11.178	75	35514	8.764	ug/L #	64

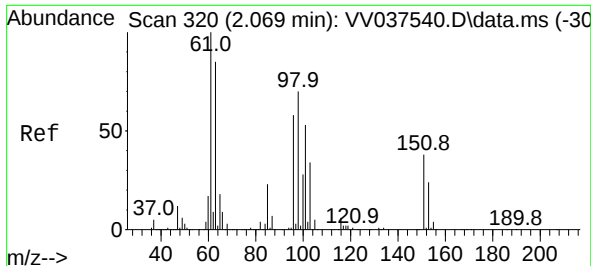
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.997 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

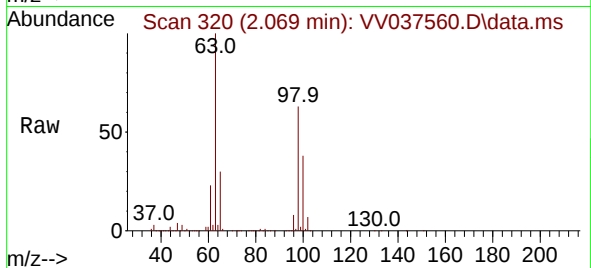
Lab File: VV037560.D

Acq: 26 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :



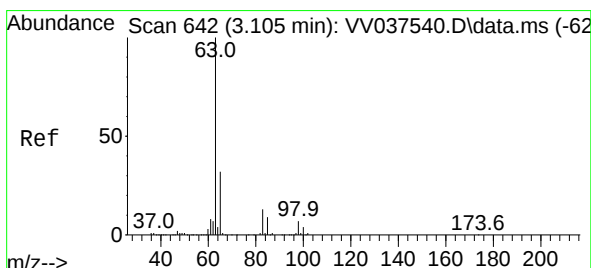
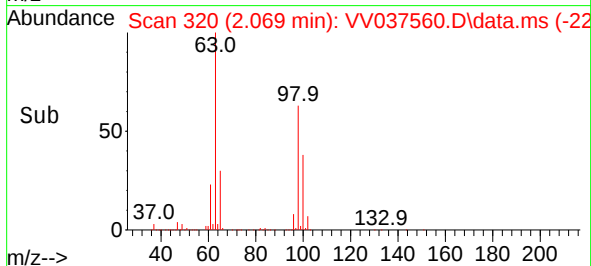
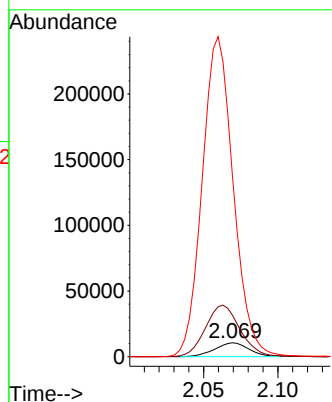
Tgt Ion: 96 Resp: 17029

Ion Ratio Lower Upper

96 100

61 297.9 122.6 227.6#

63 1304.2 118.0 219.2#



#19

1,1-Dichloroethane

Concen: 36.974 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV037560.D

Acq: 26 Sep 2024 19:43

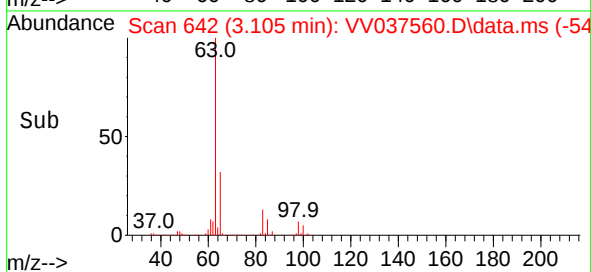
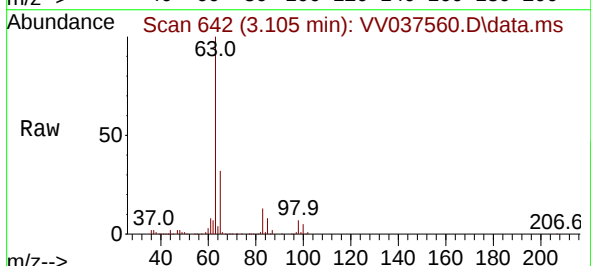
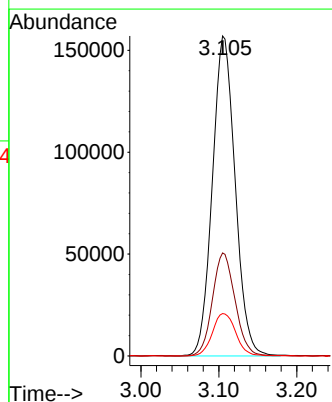
Tgt Ion: 63 Resp: 319278

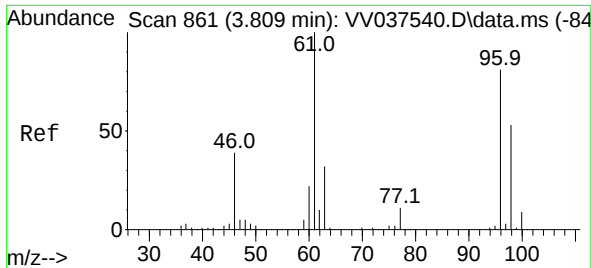
Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.3 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 4.042 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.007 min

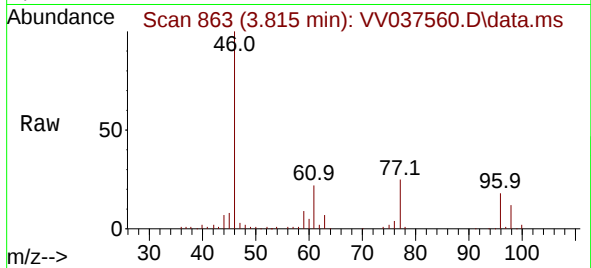
Lab File: VV037560.D

Acq: 26 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :



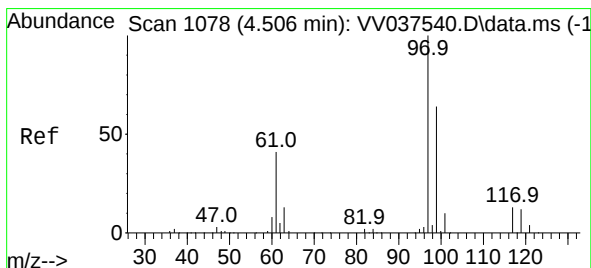
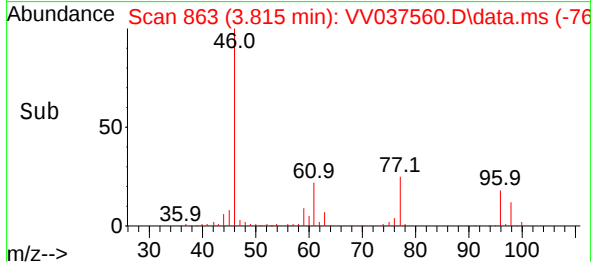
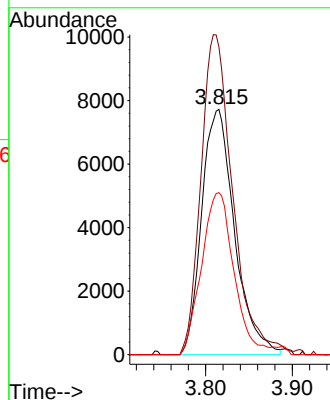
Tgt Ion: 96 Resp: 20384

Ion Ratio Lower Upper

96 100

61 125.4 85.0 157.8

98 66.0 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 31.317 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037560.D

Acq: 26 Sep 2024 19:43

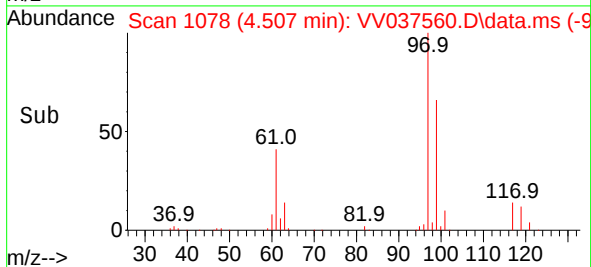
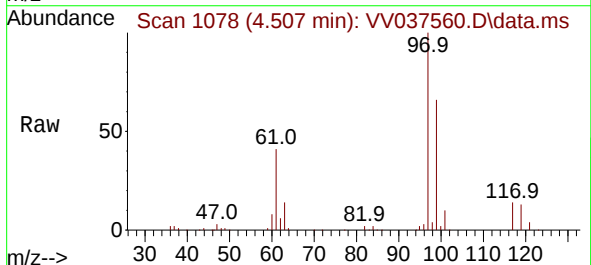
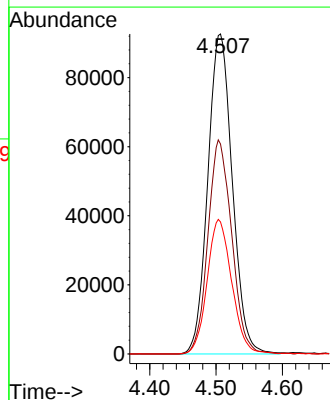
Tgt Ion: 97 Resp: 238075

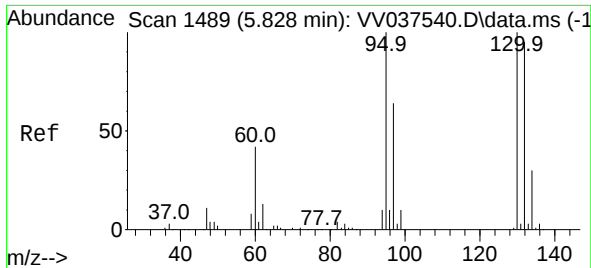
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

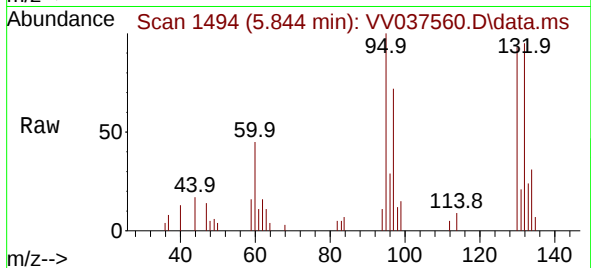
61 42.1 33.6 50.4





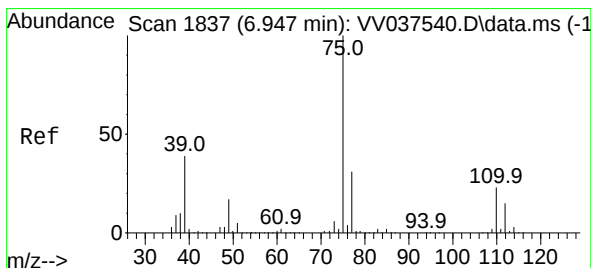
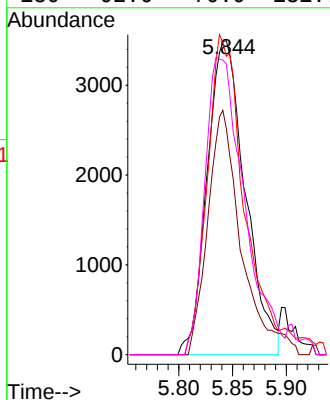
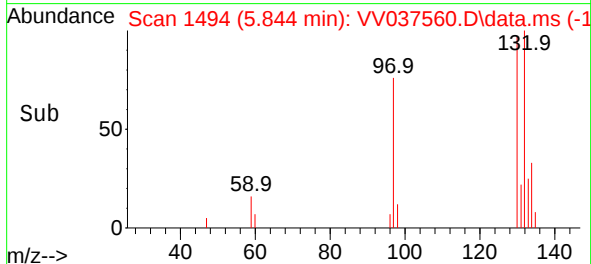
#34
Trichloroethene
Concen: 1.734 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV037560.D
Acq: 26 Sep 2024 19:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 8597

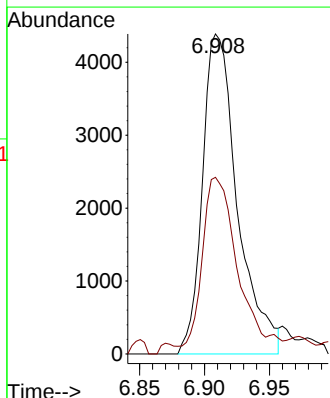
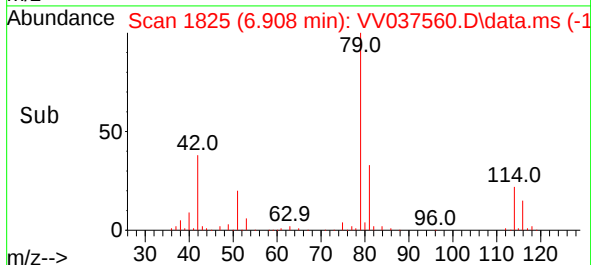
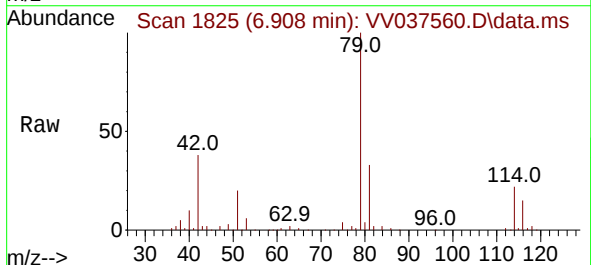
Ion	Ratio	Lower	Upper
95	100		
97	72.0	46.3	85.9
132	95.1	68.6	127.4
130	92.6	70.9	131.7

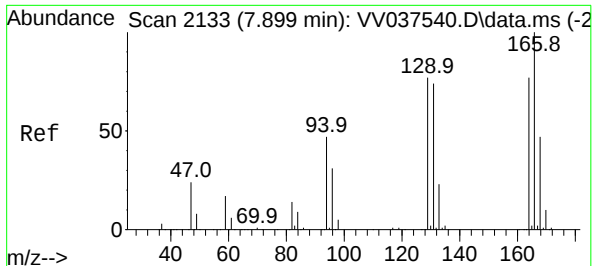


#39
cis-1,3-Dichloropropene
Concen: 1.071 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.038 min
Lab File: VV037560.D
Acq: 26 Sep 2024 19:43

Tgt Ion: 75 Resp: 8222

Ion	Ratio	Lower	Upper
75	100		
77	55.2	21.8	40.4#





#46

Tetrachloroethene

Concen: 3.296 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

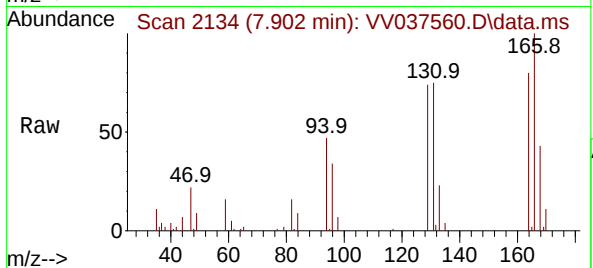
Lab File: VV037560.D

Acq: 26 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 12493

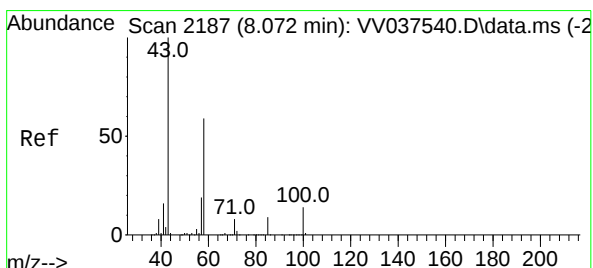
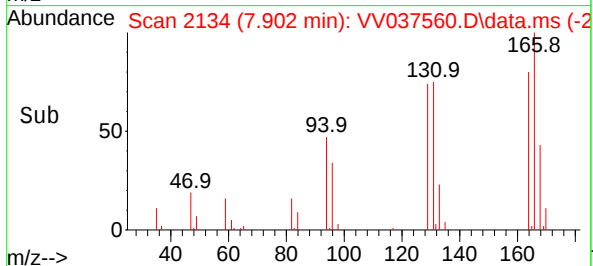
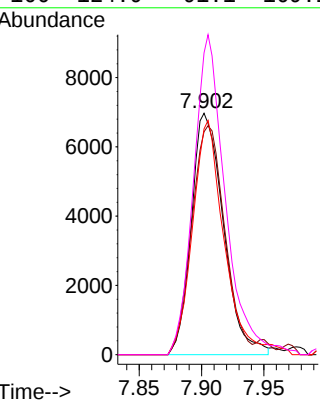
Ion Ratio Lower Upper

164 100

129 92.3 68.2 126.6

131 96.7 66.1 122.8

166 124.9 91.1 169.1



#48

2-Hexanone

Concen: 5.255 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.045 min

Lab File: VV037560.D

Acq: 26 Sep 2024 19:43

Tgt Ion: 43 Resp: 15994

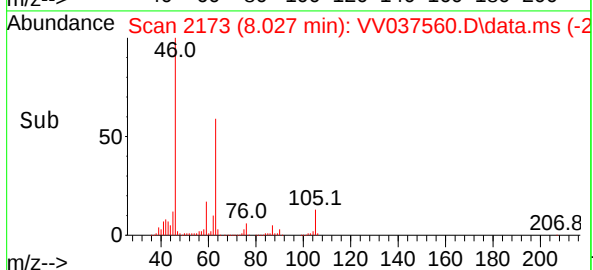
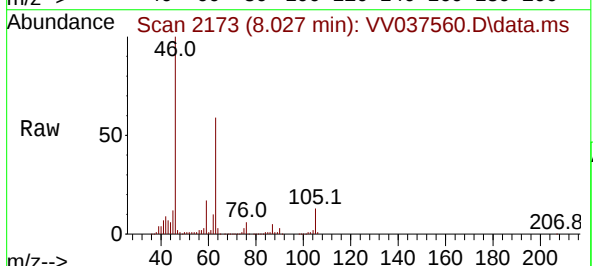
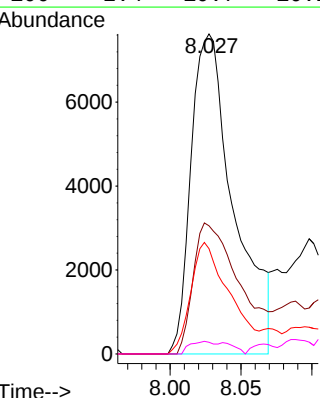
Ion Ratio Lower Upper

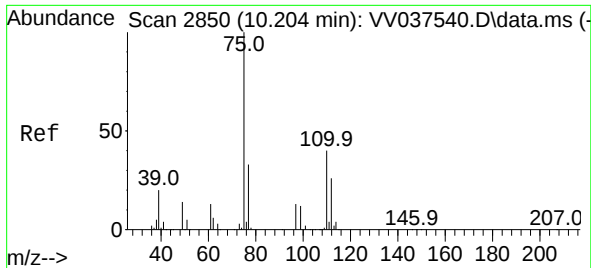
43 100

58 40.6 46.5 69.7#

57 32.0 15.1 22.7#

100 2.4 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 8.764 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

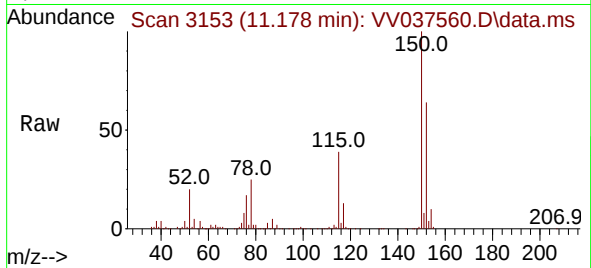
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Tgt Ion: 75 Resp: 35514

Ion Ratio Lower Upper

75 100

77 28.7 25.4 38.0

110 2.5 31.7 47.5#

