

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037600.D
 Acq On : 27 Sep 2024 13:06
 Operator : SY/MD
 Sample : P4184-07
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

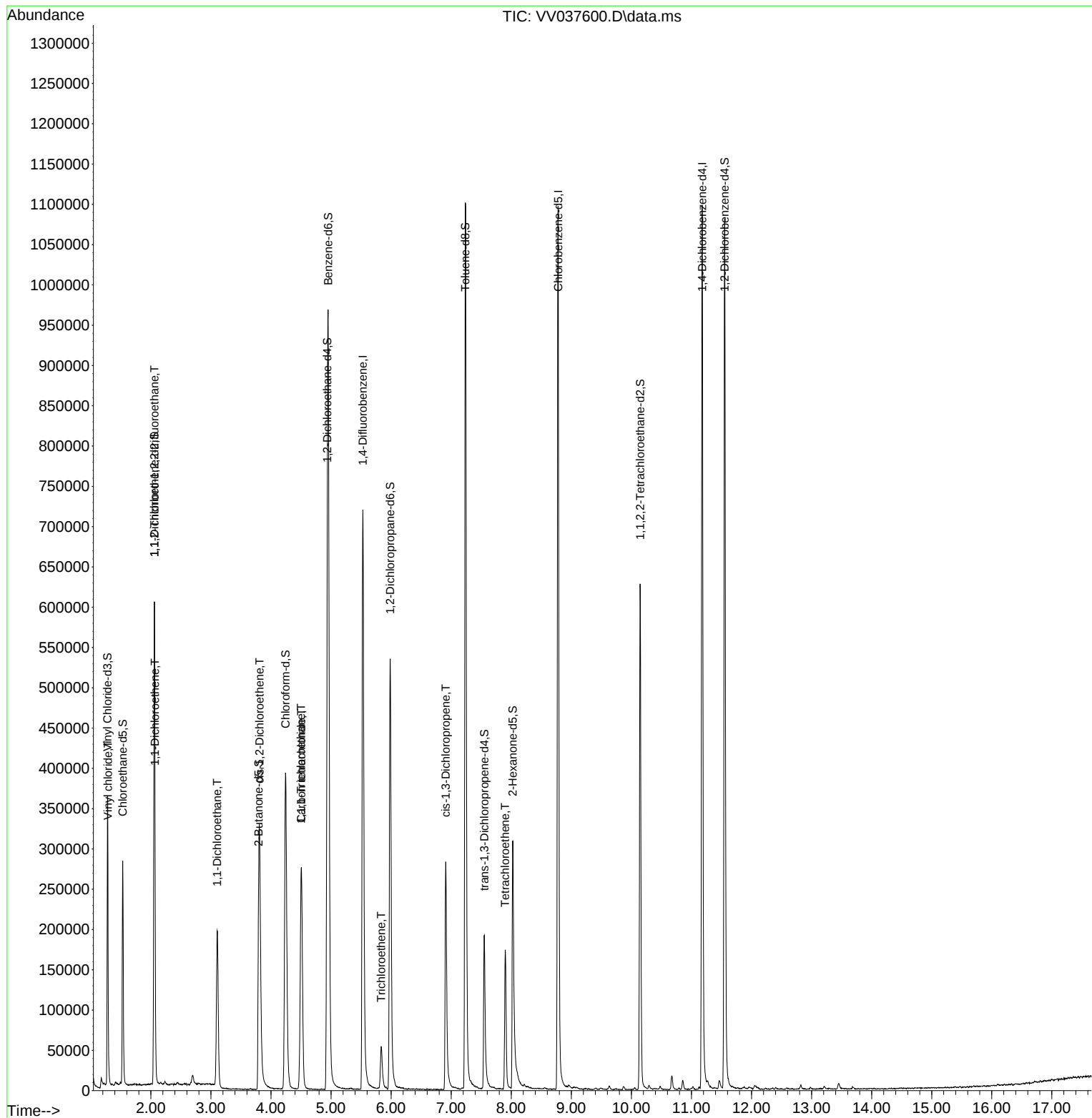
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	642663	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	613692	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	293879	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223884	39.685	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.360%	
7) Chloroethane-d5	1.532	69	180487	41.216	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.440%	
11) 1,1-Dichloroethene-d2	2.060	65	99810	42.346	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.700%	
21) 2-Butanone-d5	3.793	46	180742	89.948	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.950%	
24) Chloroform-d	4.243	84	420370	41.882	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.760%	
26) 1,2-Dichloroethane-d4	4.937	65	256497	43.660	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.320%	
32) Benzene-d6	4.953	84	856022	44.576	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.160%	
36) 1,2-Dichloropropane-d6	5.986	67	267750	43.786	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.580%	
41) Toluene-d8	7.236	98	745488	42.811	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.620%	
43) trans-1,3-Dichloroprop...	7.551	79	117494	41.361	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.720%	
47) 2-Hexanone-d5	8.024	63	109169	84.546	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	84.550%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	303772	42.754	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.500%	
66) 1,2-Dichlorobenzene-d4	11.554	152	281911	45.524	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.040%	
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	22582	3.966	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3305	0.722	ug/L #	27
12) 1,1-Dichloroethene	2.069	96	5476	1.280	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	190051	21.915	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	143726	28.376	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	232124	30.711	ug/L	100
31) Carbon tetrachloride	4.507	117	30691	4.670	ug/L	99
34) Trichloroethene	5.834	95	18500	3.753	ug/L	95
39) cis-1,3-Dichloropropene	6.908	75	7078	0.928	ug/L #	66
46) Tetrachloroethene	7.899	164	40586	10.770	ug/L	95

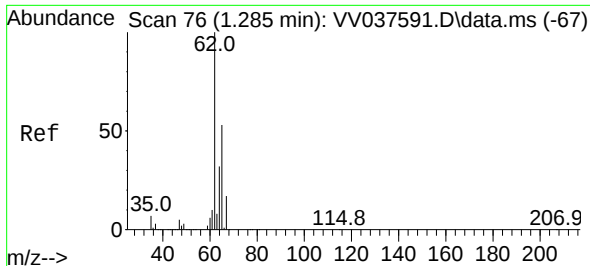
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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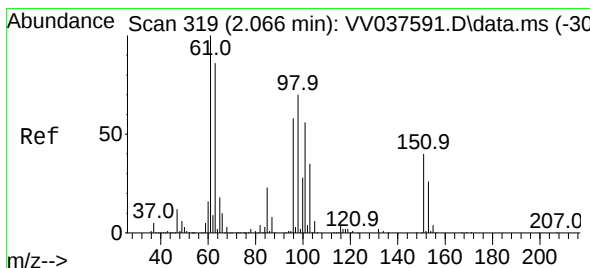
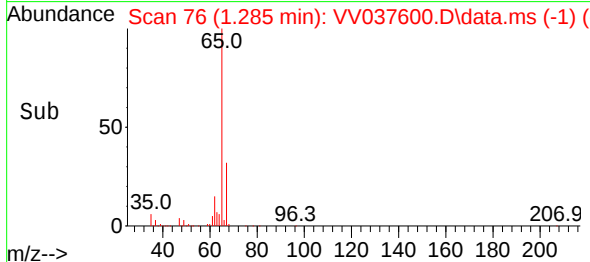
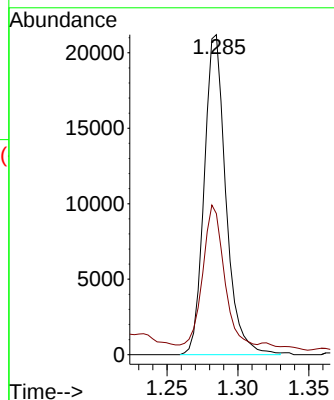
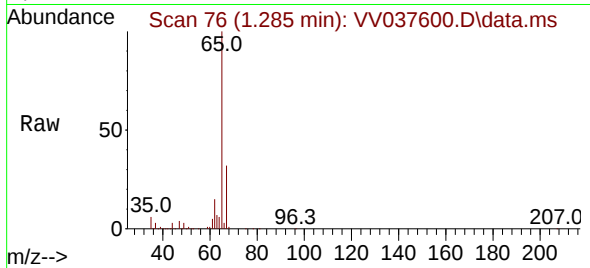




#5
 Vinyl chloride
 Concen: 3.966 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037600.D
 Acq: 27 Sep 2024 13:06

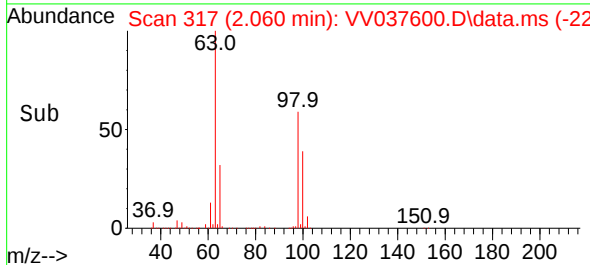
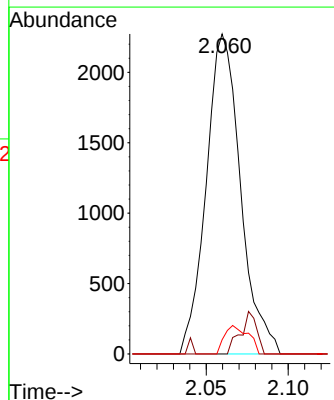
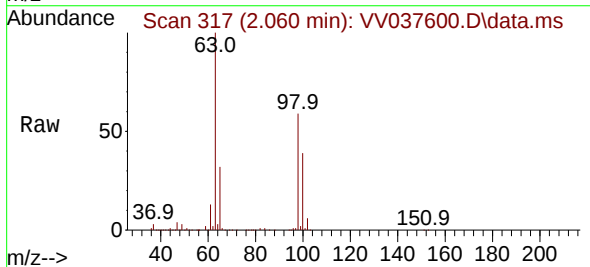
Instrument :
 MSVOA_V
 ClientSampleId :

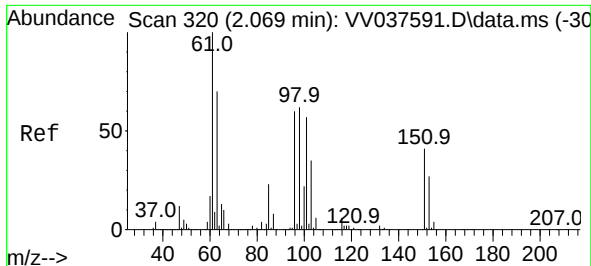
Tgt Ion: 62 Resp: 22582
 Ion Ratio Lower Upper
 62 100
 64 44.1 23.2 43.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.722 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037600.D
 Acq: 27 Sep 2024 13:06

Tgt Ion: 101 Resp: 3305
 Ion Ratio Lower Upper
 101 100
 85 2.3 34.6 52.0#
 151 6.1 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 1.280 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

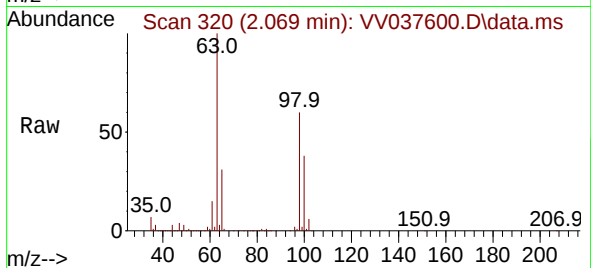
Lab File: VV037600.D

Acq: 27 Sep 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :



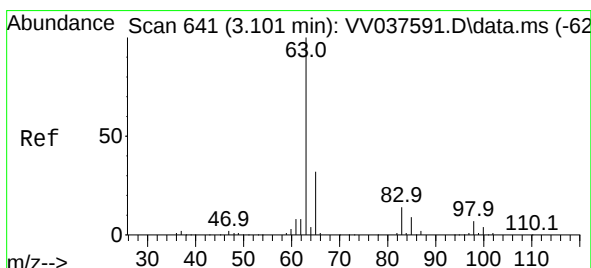
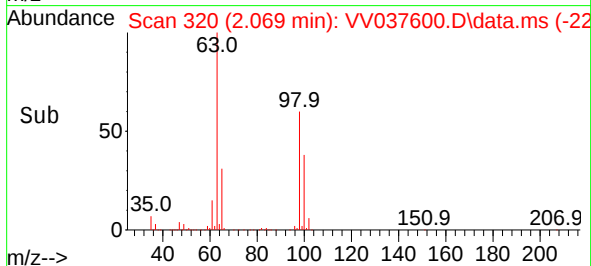
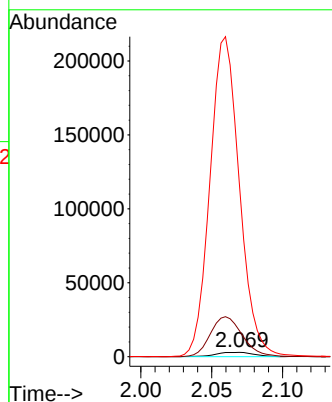
Tgt Ion: 96 Resp: 5476

Ion Ratio Lower Upper

96 100

61 602.4 122.6 227.6#

63 4018.5 118.0 219.2#



#19

1,1-Dichloroethane

Concen: 21.915 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV037600.D

Acq: 27 Sep 2024 13:06

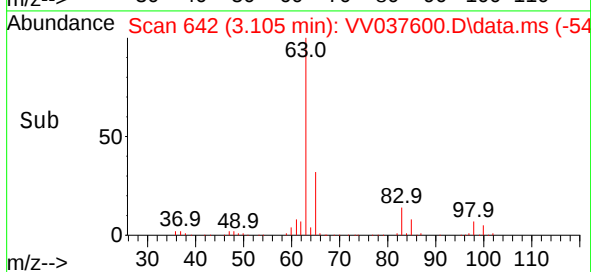
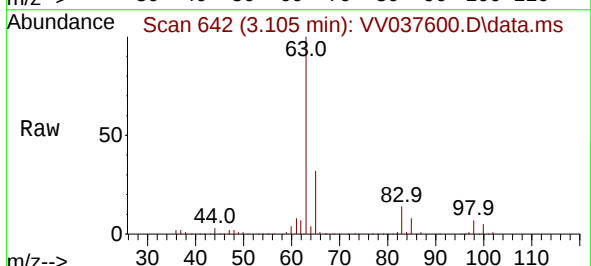
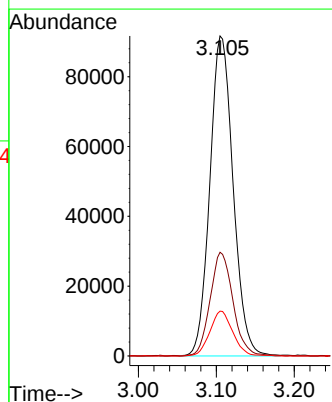
Tgt Ion: 63 Resp: 190051

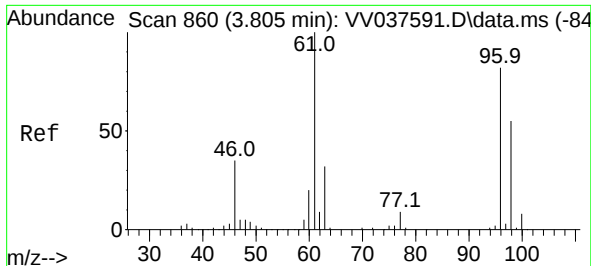
Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 14.0 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 28.376 ug/L

RT: 3.809 min Scan# 80

Delta R.T. 0.003 min

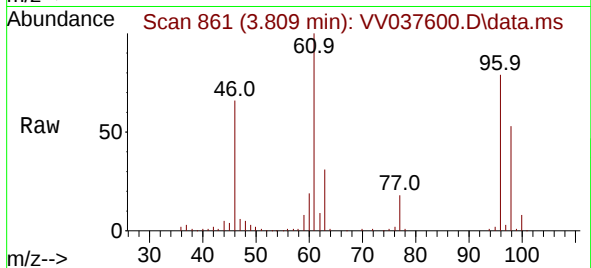
Lab File: VV037600.D

Acq: 27 Sep 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :



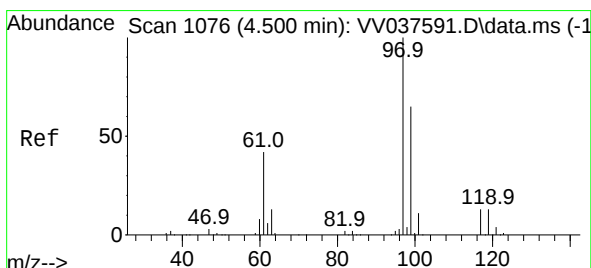
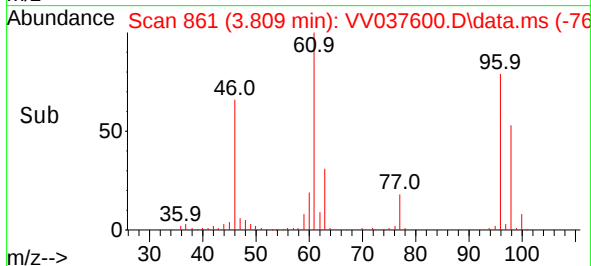
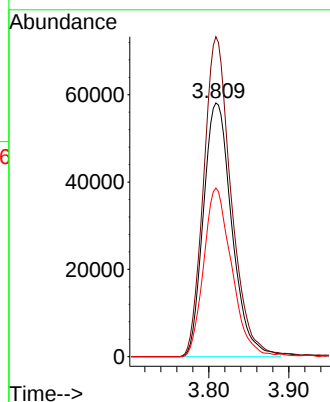
Tgt Ion: 96 Resp: 143726

Ion Ratio Lower Upper

96 100

61 126.1 85.0 157.8

98 66.4 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 30.711 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037600.D

Acq: 27 Sep 2024 13:06

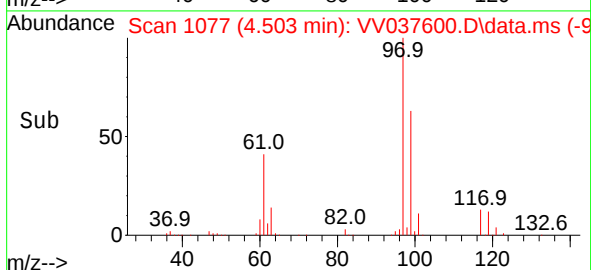
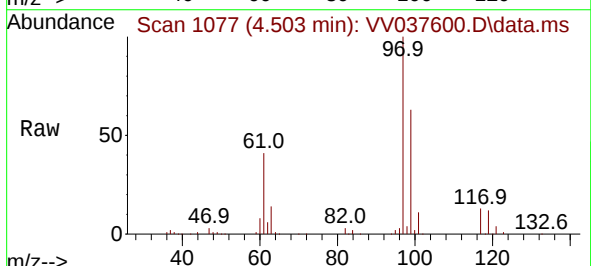
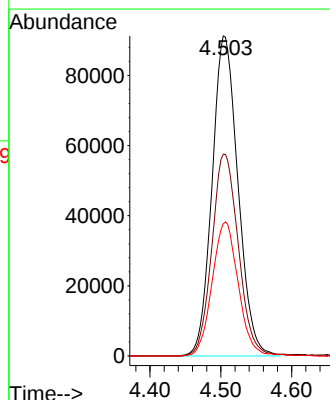
Tgt Ion: 97 Resp: 232124

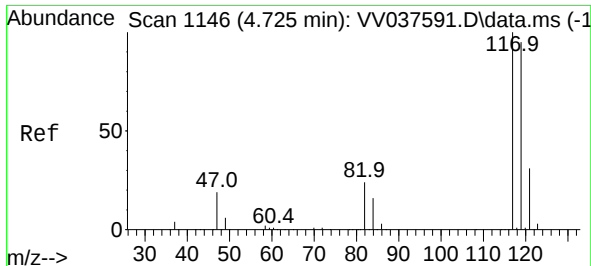
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 41.9 33.6 50.4

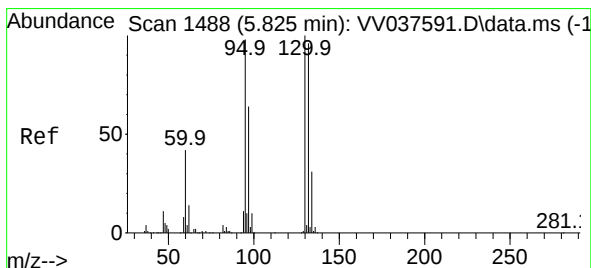
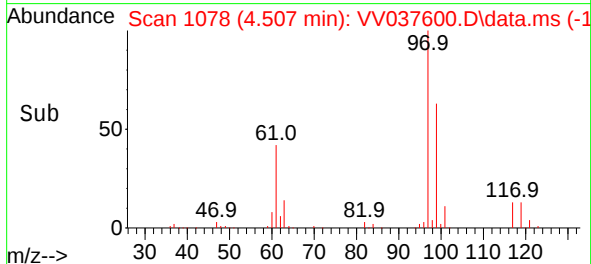
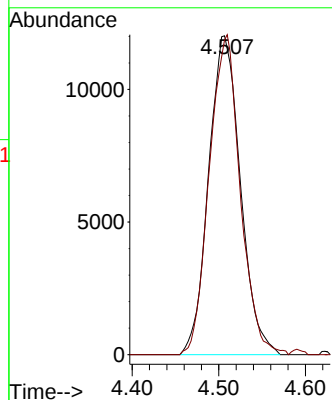
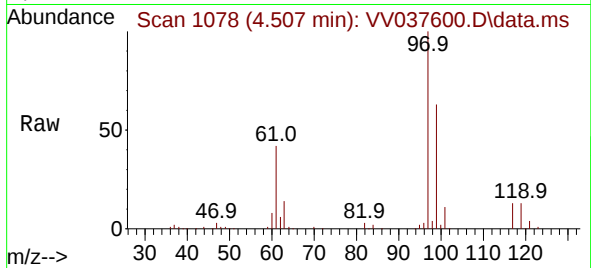




#31
Carbon tetrachloride
Concen: 4.670 ug/L
RT: 4.507 min Scan# 1146
Delta R.T. -0.218 min
Lab File: VV037600.D
Acq: 27 Sep 2024 13:06

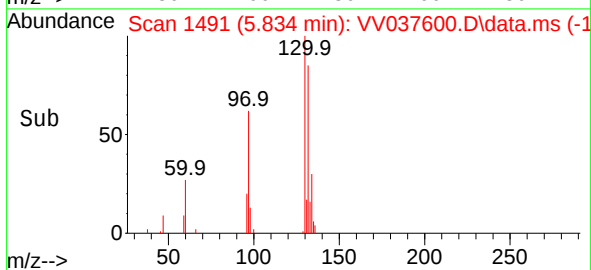
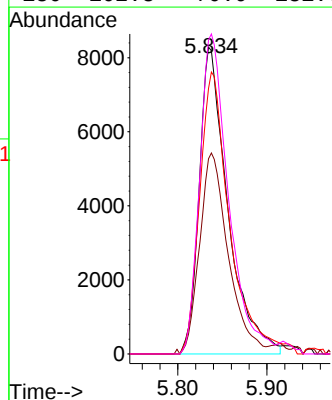
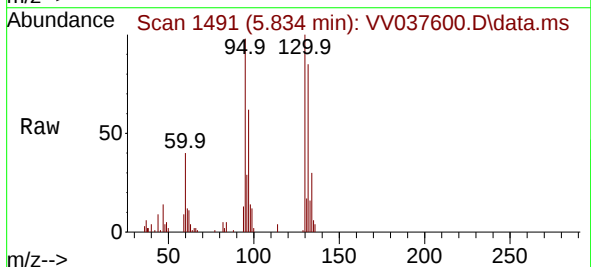
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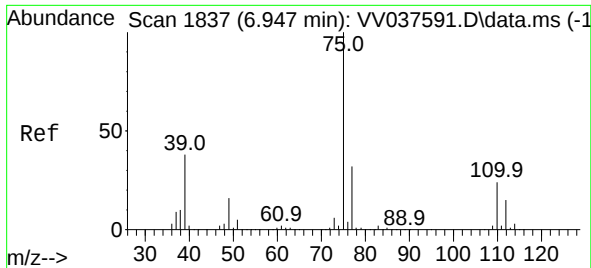
Tgt Ion:117 Resp: 30691
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3



#34
Trichloroethene
Concen: 3.753 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV037600.D
Acq: 27 Sep 2024 13:06

Tgt Ion: 95 Resp: 18500
Ion Ratio Lower Upper
95 100
97 63.6 46.3 85.9
132 86.5 68.6 127.4
130 102.3 70.9 131.7

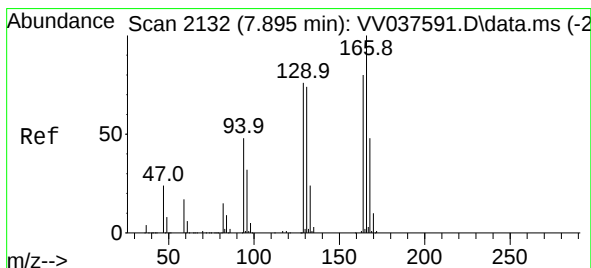
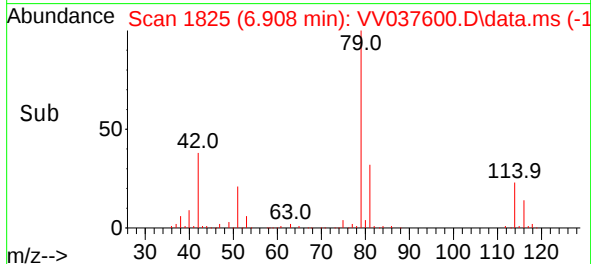
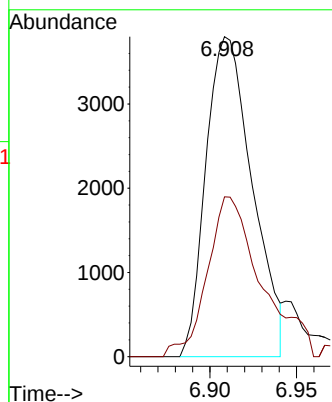
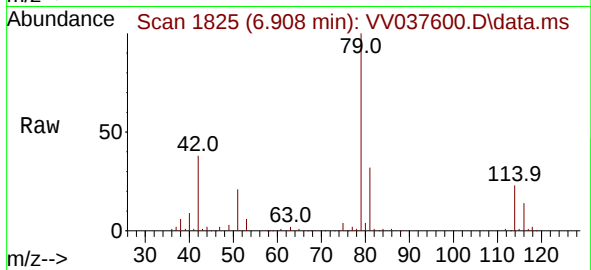




#39
 cis-1,3-Dichloropropene
 Concen: 0.928 ug/L
 RT: 6.908 min Scan# 1825
 Delta R.T. -0.038 min
 Lab File: VV037600.D
 Acq: 27 Sep 2024 13:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7078
 Ion Ratio Lower Upper
 75 100
 77 50.0 21.8 40.4#



#46
 Tetrachloroethene
 Concen: 10.770 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV037600.D
 Acq: 27 Sep 2024 13:06

Tgt Ion:164 Resp: 40586
 Ion Ratio Lower Upper
 164 100
 129 95.2 68.2 126.6
 131 89.3 66.1 122.8
 166 123.0 91.1 169.1

