

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037606.D
 Acq On : 27 Sep 2024 15:15
 Operator : SY/MD
 Sample : P4184-01DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:50:12 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)

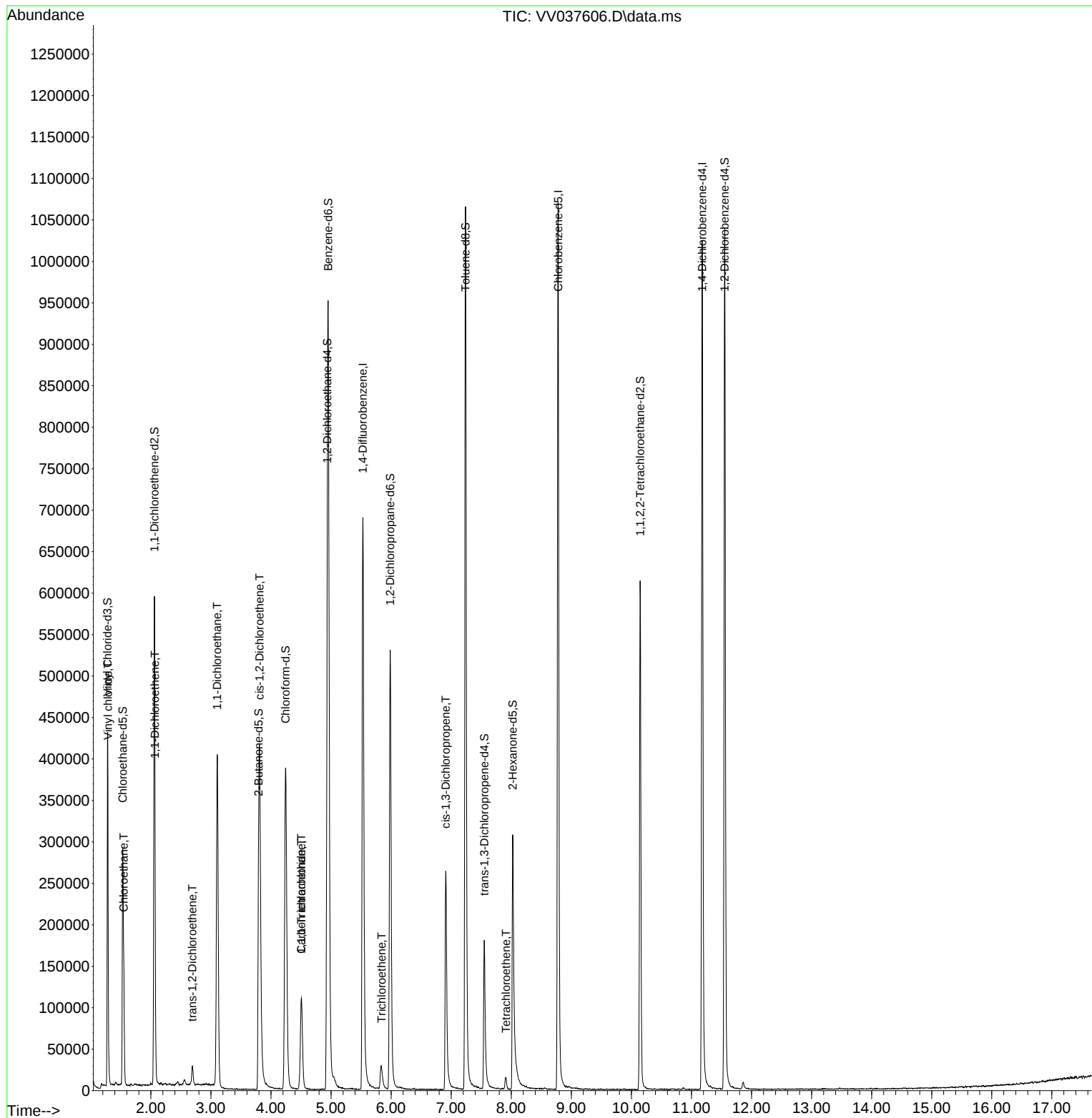
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	612643	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	590448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	272460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	225558	41.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.880%		
7) Chloroethane-d5	1.532	69	183131	43.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.740%		
11) 1,1-Dichloroethene-d2	2.060	65	97380	43.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.680%		
21) 2-Butanone-d5	3.793	46	181690	94.850	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.850%		
24) Chloroform-d	4.243	84	425041	44.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.840%		
26) 1,2-Dichloroethane-d4	4.937	65	255051	45.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
32) Benzene-d6	4.953	84	841438	45.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	5.985	67	267391	45.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.900%		
41) Toluene-d8	7.239	98	715712	42.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.440%		
43) trans-1,3-Dichloroprop...	7.551	79	115445	42.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.480%		
47) 2-Hexanone-d5	8.024	63	103690	83.464	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.460%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	302543	44.257	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.520%		
66) 1,2-Dichlorobenzene-d4	11.554	152	272198	47.411	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.820%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	73316	13.506	ug/L	95
8) Chloroethane	1.548	64	65333	19.527	ug/L	99
12) 1,1-Dichloroethene	2.069	96	4940	1.211	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	8211	1.903	ug/L	95
19) 1,1-Dichloroethane	3.105	63	394156	47.678	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	197598	40.923	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	93223	12.819	ug/L	98
31) Carbon tetrachloride	4.506	117	12859	2.034	ug/L	95
34) Trichloroethene	5.841	95	8811	1.858	ug/L	97
39) cis-1,3-Dichloropropene	6.908	75	6794	0.926	ug/L #	77
46) Tetrachloroethene	7.911	164	3689	1.017	ug/L	97

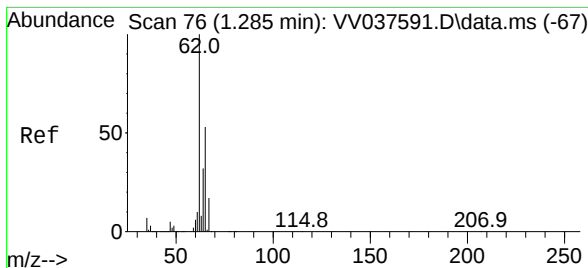
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.506 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037606.D

Acq: 27 Sep 2024 15:15

Instrument :

MSVOA_V

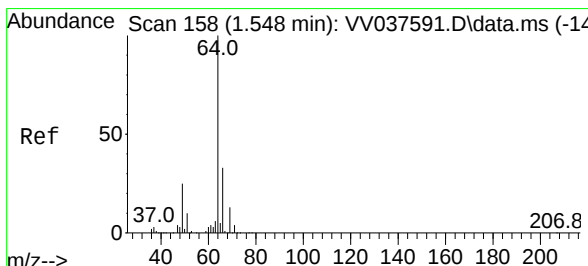
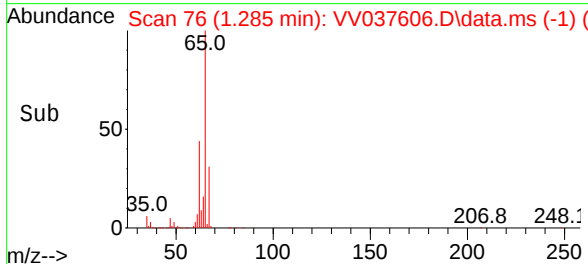
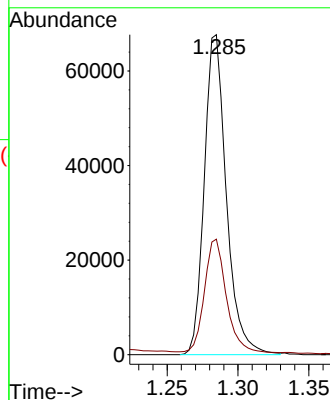
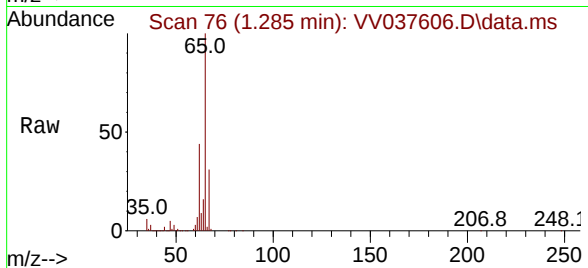
ClientSampleId :

Tgt Ion: 62 Resp: 73316

Ion Ratio Lower Upper

62 100

64 36.1 23.2 43.0



#8

Chloroethane

Concen: 19.527 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037606.D

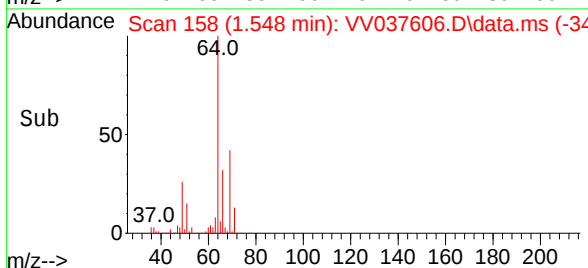
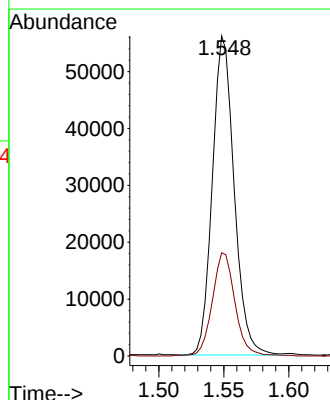
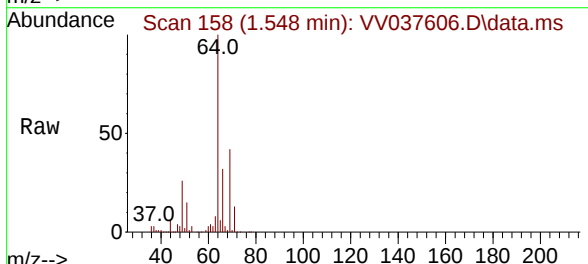
Acq: 27 Sep 2024 15:15

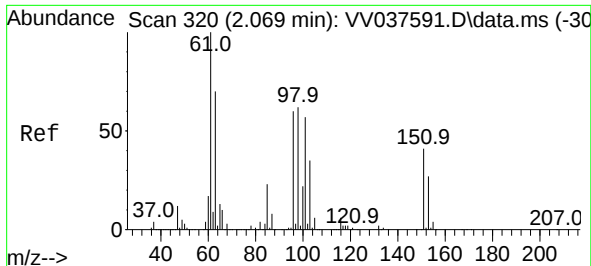
Tgt Ion: 64 Resp: 65333

Ion Ratio Lower Upper

64 100

66 32.2 22.2 41.2





#12

1,1-Dichloroethene

Concen: 1.211 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

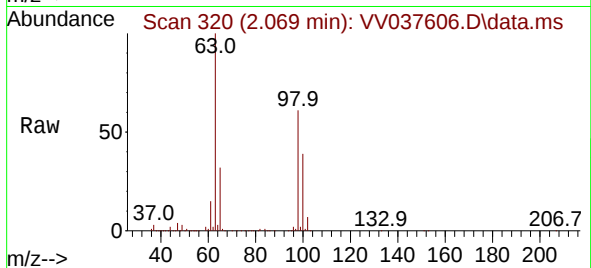
Lab File: VV037606.D

Acq: 27 Sep 2024 15:15

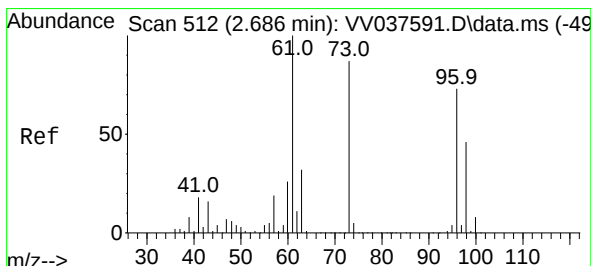
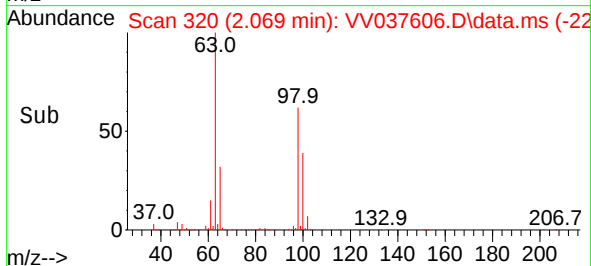
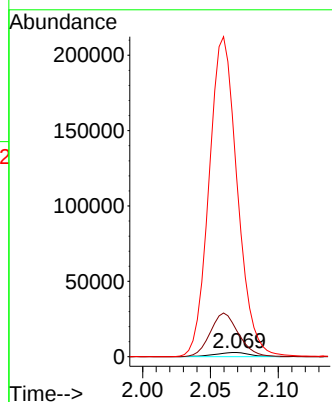
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	4940
Ion Ratio	Lower	Upper	
96	100		
61	639.3	122.6	227.6#
63	4360.7	118.0	219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.903 ug/L

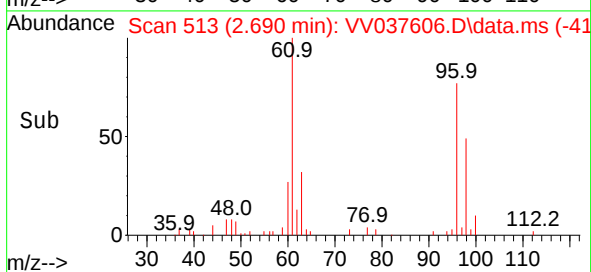
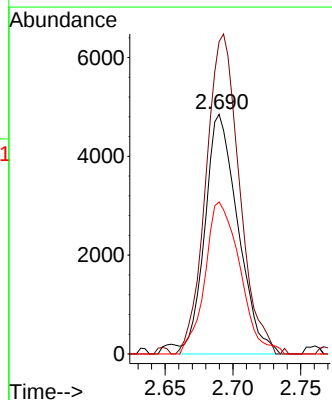
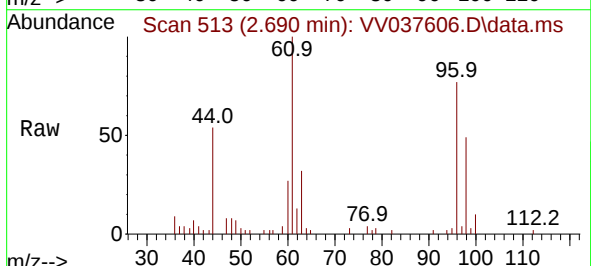
RT: 2.690 min Scan# 513

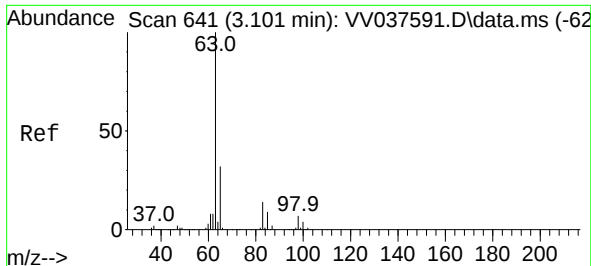
Delta R.T. 0.003 min

Lab File: VV037606.D

Acq: 27 Sep 2024 15:15

Tgt Ion:	96	Resp:	8211
Ion Ratio	Lower	Upper	
96	100		
61	130.3	97.3	180.7
98	63.4	43.9	81.5

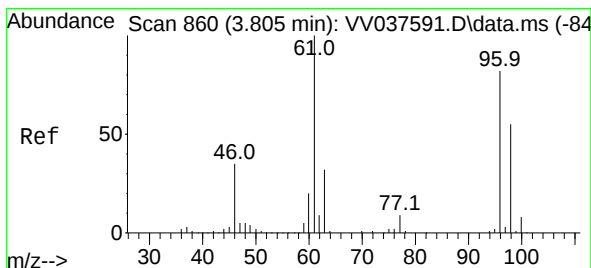
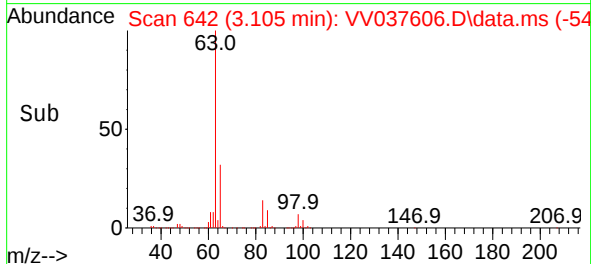
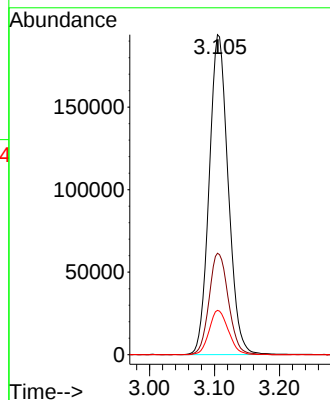
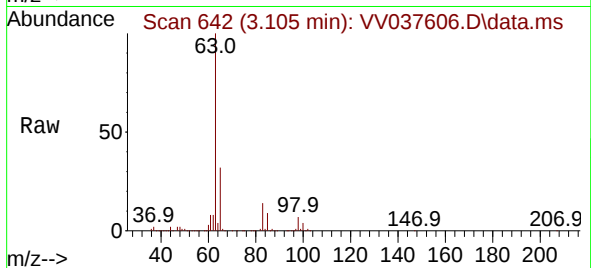




#19
1,1-Dichloroethane
Concen: 47.678 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037606.D
Acq: 27 Sep 2024 15:15

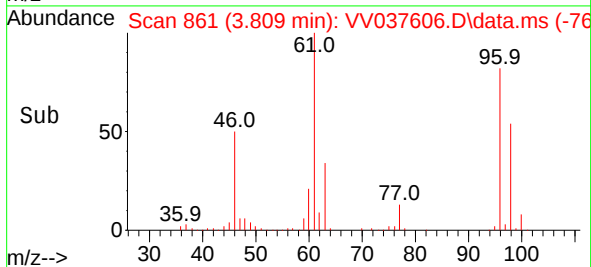
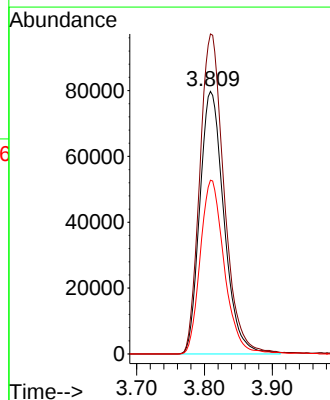
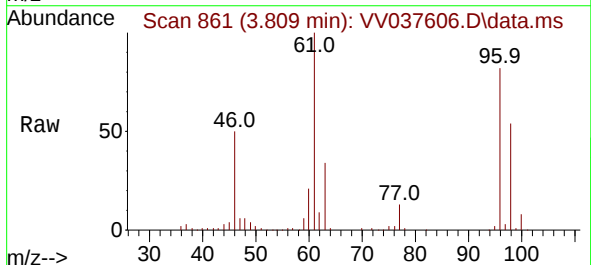
Instrument :
MSVOA_V
ClientSampleId :

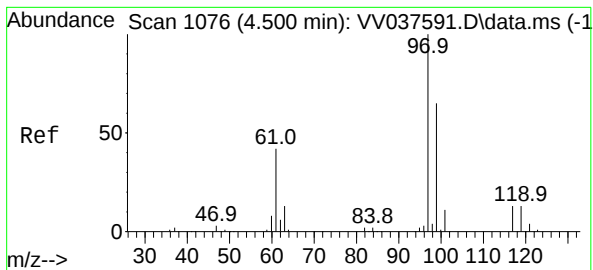
Tgt Ion: 63 Resp: 394156
Ion Ratio Lower Upper
63 100
65 31.7 22.4 41.6
83 13.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 40.923 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037606.D
Acq: 27 Sep 2024 15:15

Tgt Ion: 96 Resp: 197598
Ion Ratio Lower Upper
96 100
61 121.9 85.0 157.8
98 66.2 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 12.819 ug/L

RT: 4.506 min Scan# 1076

Delta R.T. 0.007 min

Lab File: VV037606.D

Acq: 27 Sep 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

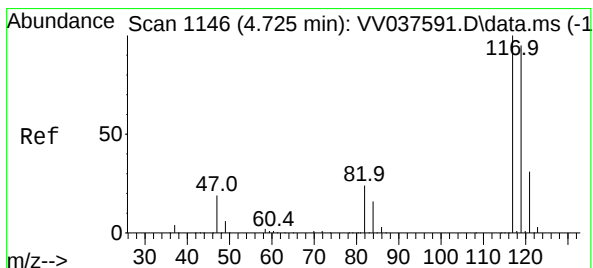
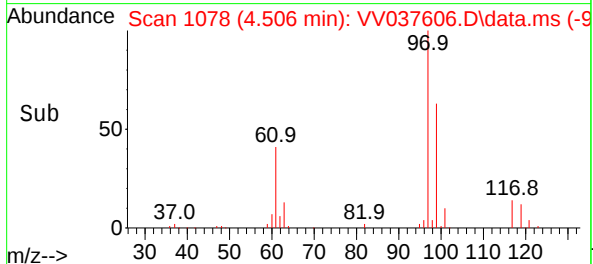
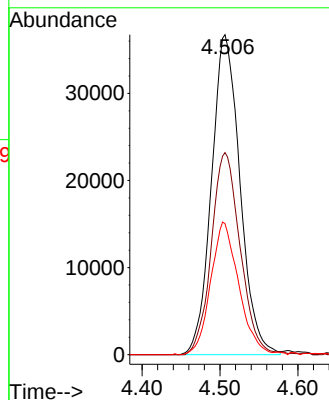
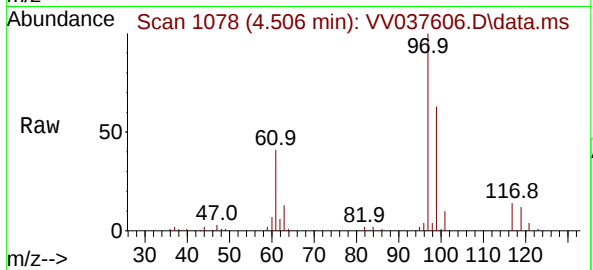
Tgt Ion: 97 Resp: 93223

Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 40.8 33.6 50.4



#31

Carbon tetrachloride

Concen: 2.034 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.218 min

Lab File: VV037606.D

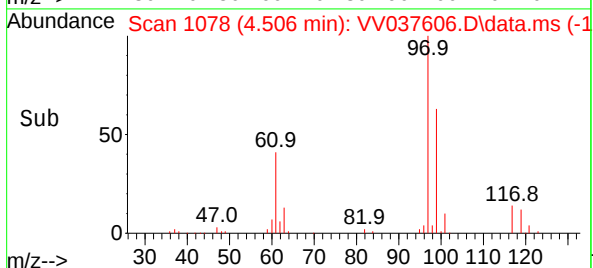
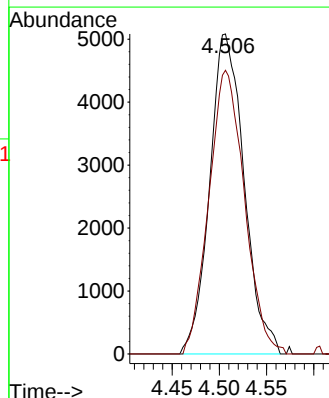
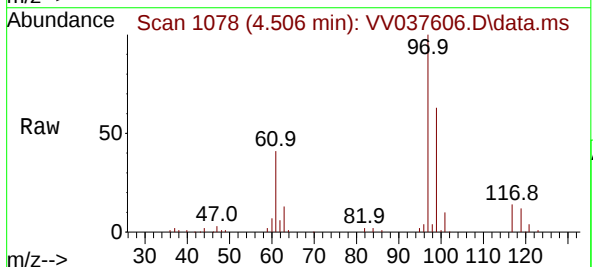
Acq: 27 Sep 2024 15:15

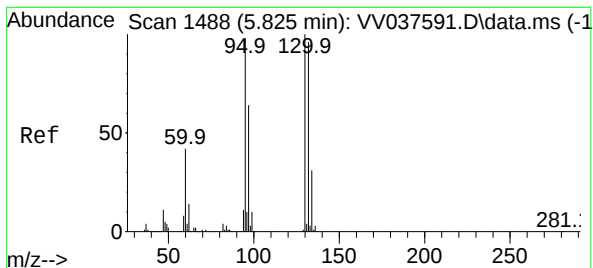
Tgt Ion: 117 Resp: 12859

Ion Ratio Lower Upper

117 100

119 91.7 76.9 115.3





#34

Trichloroethene

Concen: 1.858 ug/L

RT: 5.841 min Scan# 1488

Delta R.T. 0.016 min

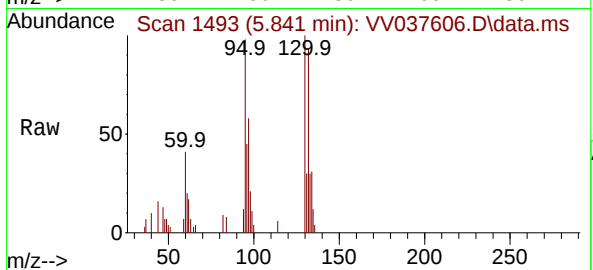
Lab File: VV037606.D

Acq: 27 Sep 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 8811

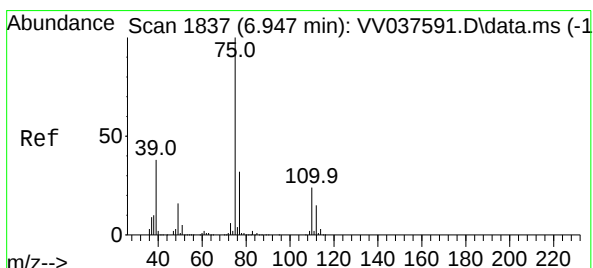
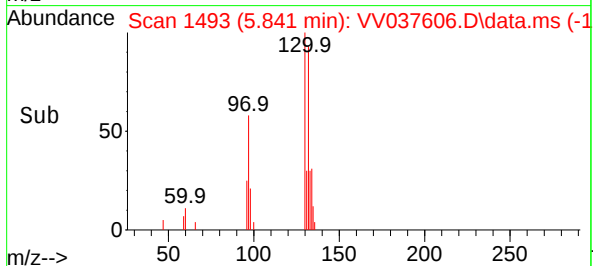
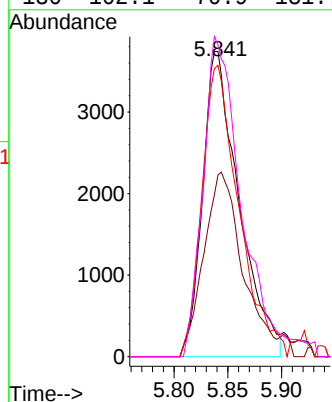
Ion Ratio Lower Upper

95 100

97 59.5 46.3 85.9

132 95.4 68.6 127.4

130 102.1 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.038 min

Lab File: VV037606.D

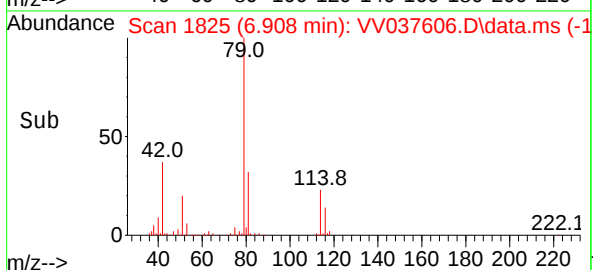
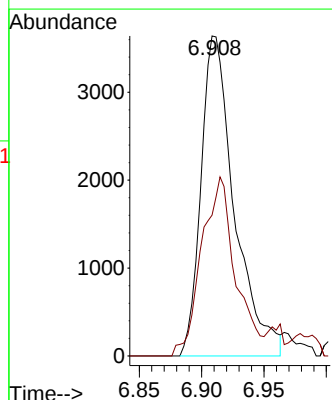
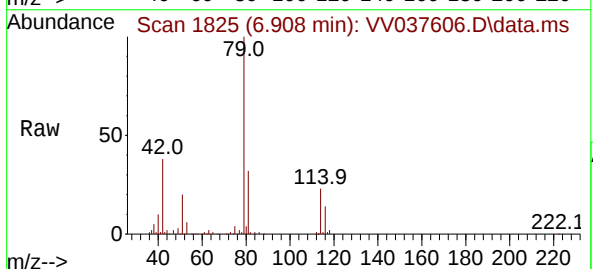
Acq: 27 Sep 2024 15:15

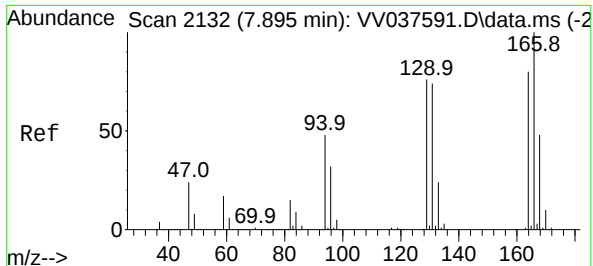
Tgt Ion: 75 Resp: 6794

Ion Ratio Lower Upper

75 100

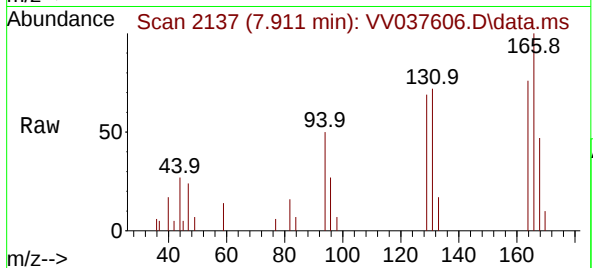
77 44.0 21.8 40.4#





#46
Tetrachloroethene
Concen: 1.017 ug/L
RT: 7.911 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV037606.D
Acq: 27 Sep 2024 15:15

Instrument :
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Tgt Ion:	164	Resp:	3689
Ion	Ratio	Lower	Upper
164	100		
129	90.5	68.2	126.6
131	95.4	66.1	122.8
166	132.0	91.1	169.1

