

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037575.D
 Acq On : 27 Sep 2024 01:53
 Operator : SY/MD
 Sample : P4184-21
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 03:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

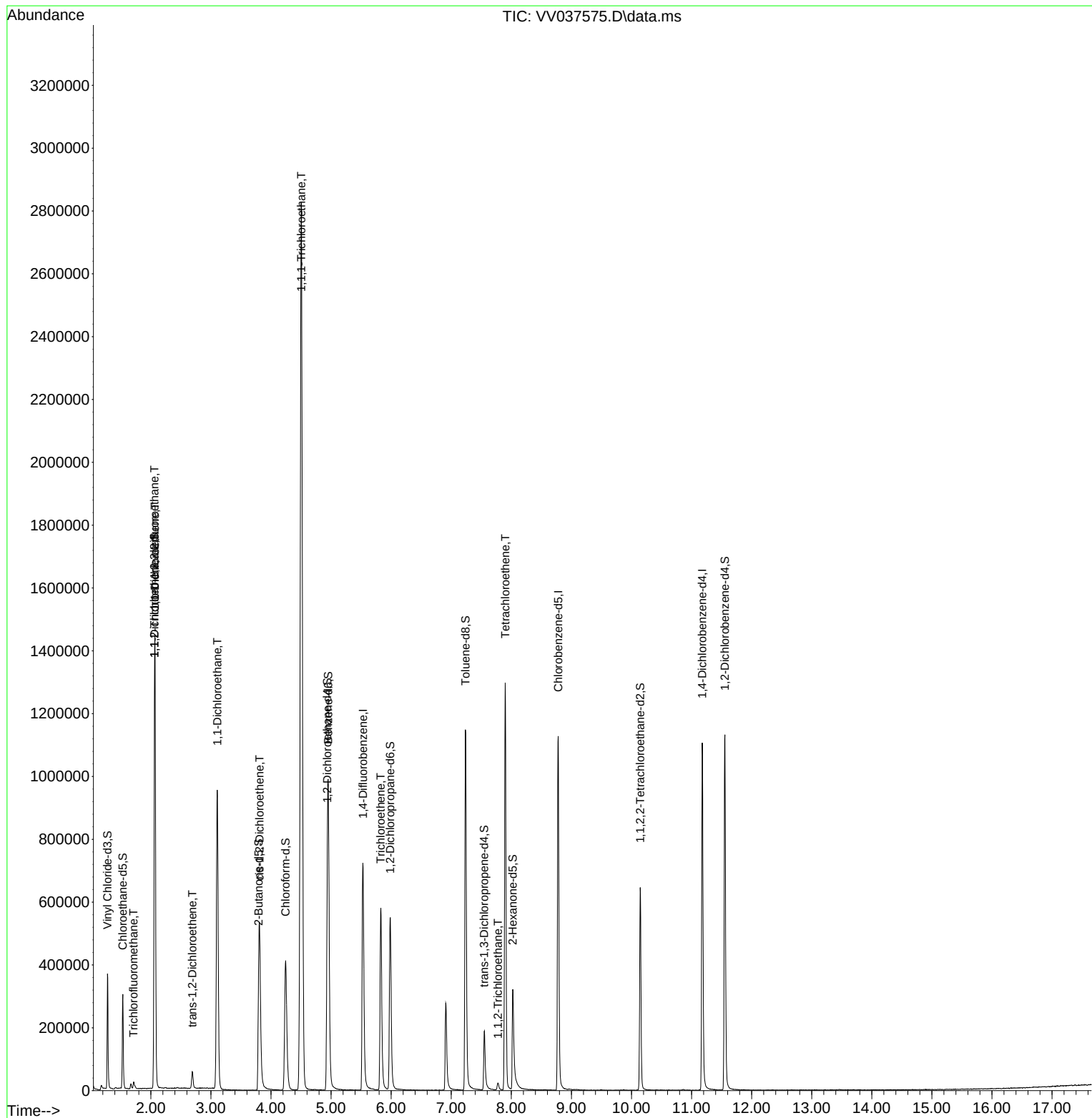
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	643527	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	293324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242040	42.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.700%		
7) Chloroethane-d5	1.532	69	195685	44.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.260%		
11) 1,1-Dichloroethene-d2	2.060	65	105950	44.891	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.780%		
21) 2-Butanone-d5	3.793	46	173646	86.300	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.300%		
24) Chloroform-d	4.243	84	439338	43.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
26) 1,2-Dichloroethane-d4	4.937	65	263452	44.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.560%		
32) Benzene-d6	4.953	84	881940	45.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
36) 1,2-Dichloropropane-d6	5.985	67	280571	45.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.460%		
41) Toluene-d8	7.236	98	780467	44.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.360%		
43) trans-1,3-Dichloroprop...	7.548	79	114277	39.655	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.320%		
47) 2-Hexanone-d5	8.024	63	113178	86.400	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.400%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	319209	44.285	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.580%		
66) 1,2-Dichlorobenzene-d4	11.554	152	296130	47.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.820%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.712	101	12736	1.659	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	4153	0.905	ug/L #	25
12) 1,1-Dichloroethene	2.069	96	317467	74.100	ug/L #	78
17) trans-1,2-Dichloroethene	2.693	96	18880	4.166	ug/L	94
19) 1,1-Dichloroethane	3.105	63	947639	109.126	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	262534	51.762	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	2361785	308.014	ug/L	100
34) Trichloroethene	5.828	95	206945	41.387	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	7802	1.676	ug/L	96
46) Tetrachloroethene	7.899	164	279341	73.067	ug/L	98

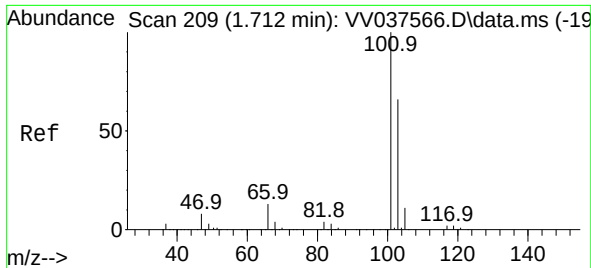
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.659 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.000 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Instrument :

MSVOA_V

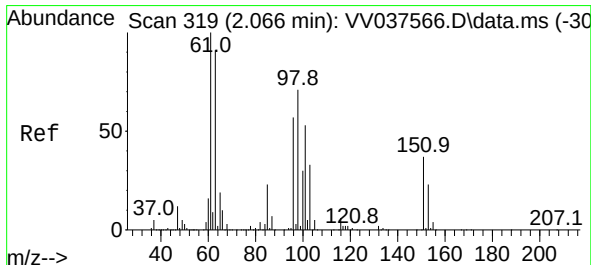
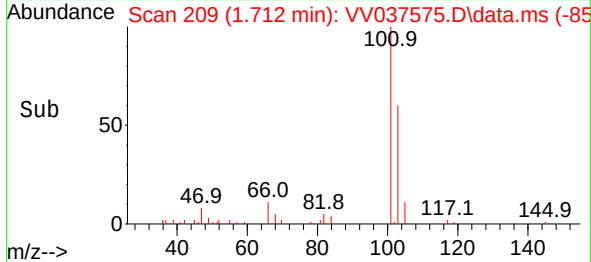
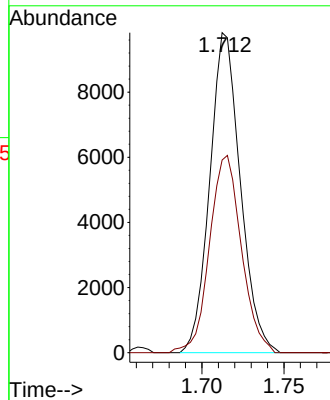
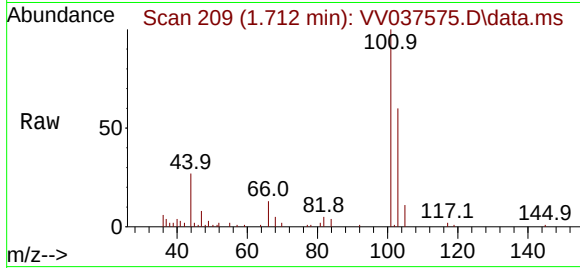
ClientSampleId :

Tgt Ion:101 Resp: 12736

Ion Ratio Lower Upper

101 100

103 64.1 52.2 78.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.905 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.007 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

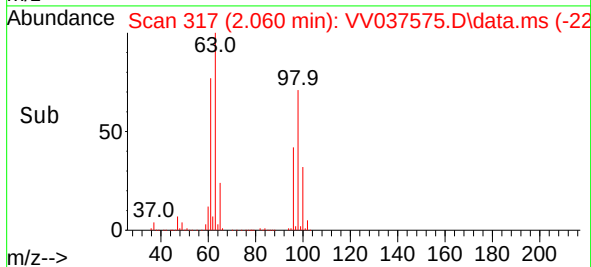
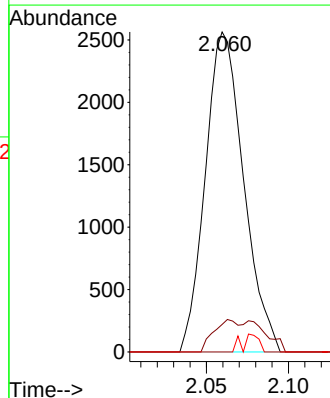
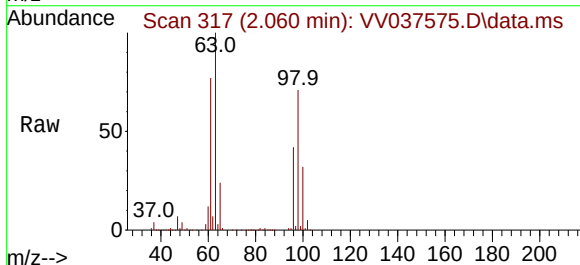
Tgt Ion:101 Resp: 4153

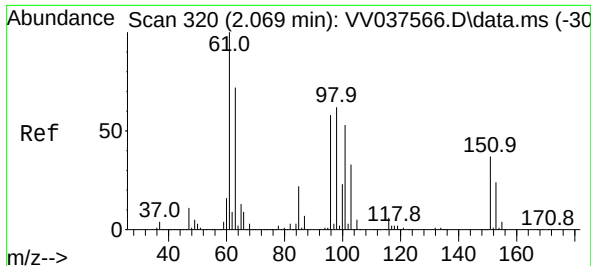
Ion Ratio Lower Upper

101 100

85 6.4 34.6 52.0#

151 0.6 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 74.100 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Instrument :

MSVOA_V

ClientSampleId :

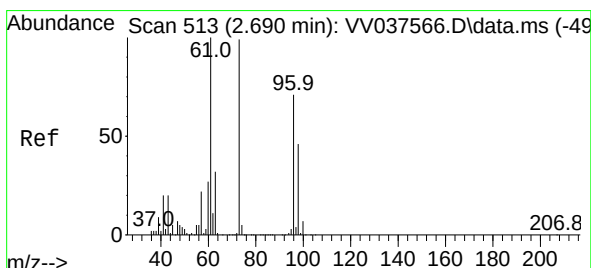
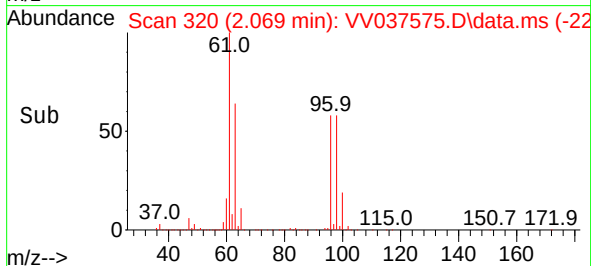
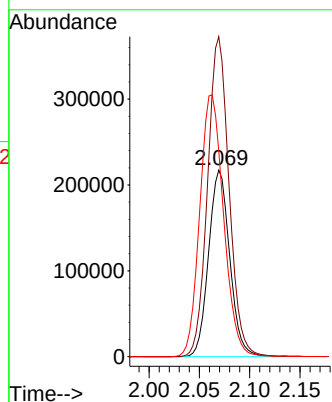
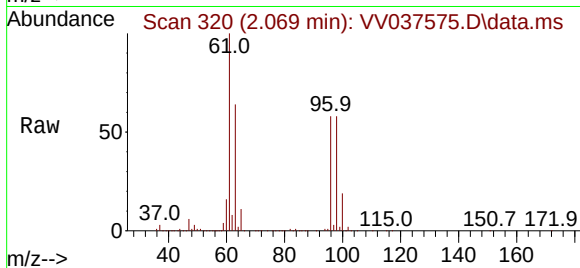
Tgt Ion: 96 Resp: 317467

Ion Ratio Lower Upper

96 100

61 171.4 122.6 227.6

63 110.4 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 4.166 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

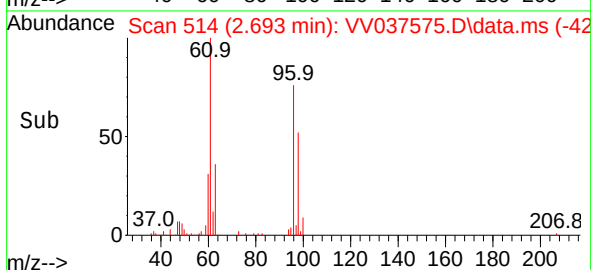
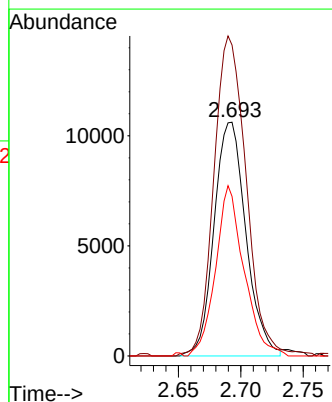
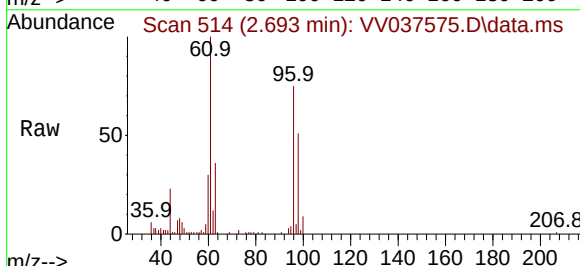
Tgt Ion: 96 Resp: 18880

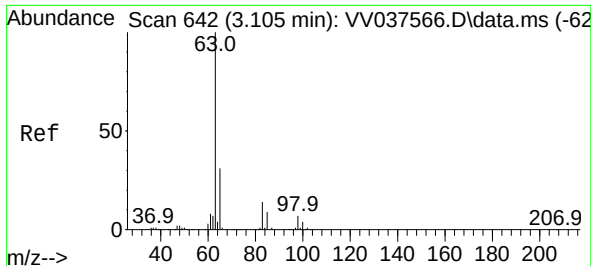
Ion Ratio Lower Upper

96 100

61 133.0 97.3 180.7

98 68.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 109.126 ug/L

RT: 3.105 min Scan# 642

Delta R.T. -0.000 min

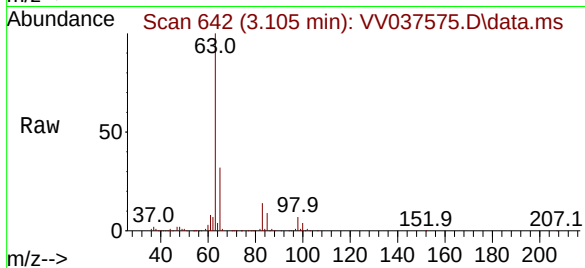
Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Instrument :

MSVOA_V

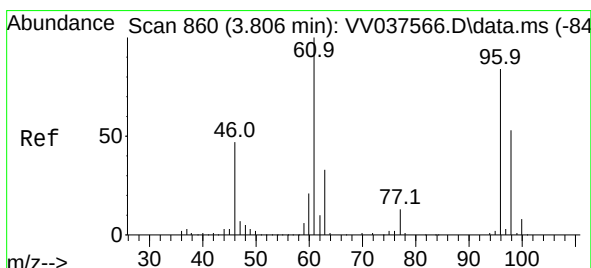
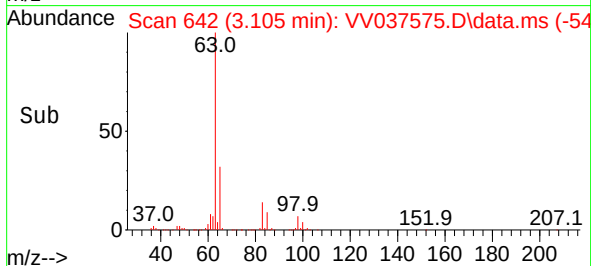
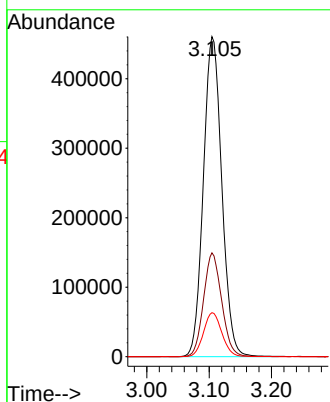
ClientSampleId :



Tgt Ion: 63 Resp: 947639

Ion Ratio Lower Upper

63	100		
65	32.4	22.4	41.6
83	13.8	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 51.762 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

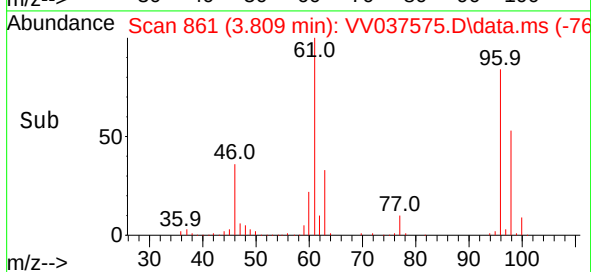
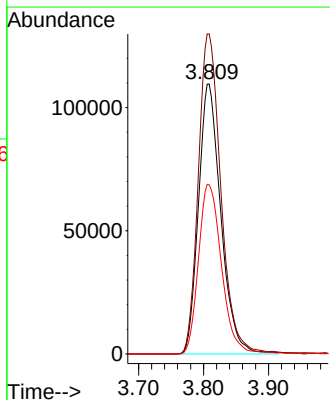
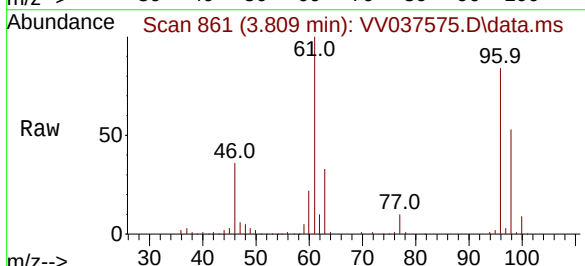
Lab File: VV037575.D

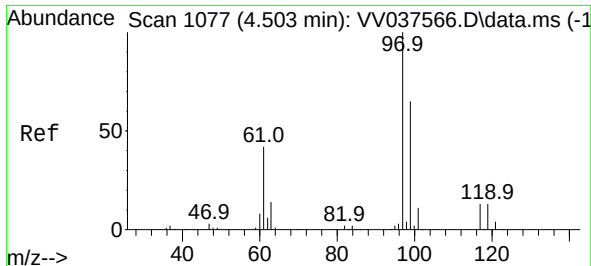
Acq: 27 Sep 2024 01:53

Tgt Ion: 96 Resp: 262534

Ion Ratio Lower Upper

96	100		
61	118.5	85.0	157.8
98	62.6	44.2	82.0





#30

1,1,1-Trichloroethane

Concen: 308.014 ug/L

RT: 4.503 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Instrument :

MSVOA_V

ClientSampleId :

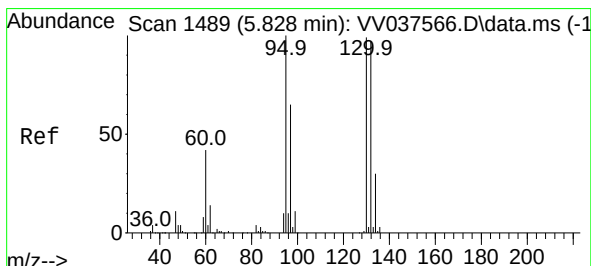
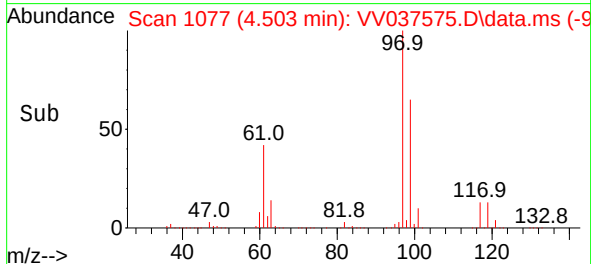
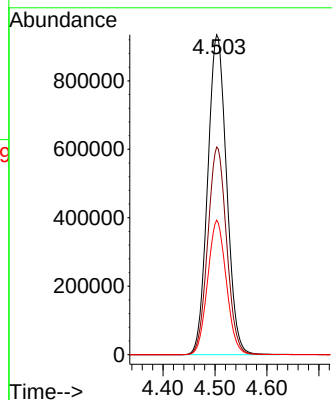
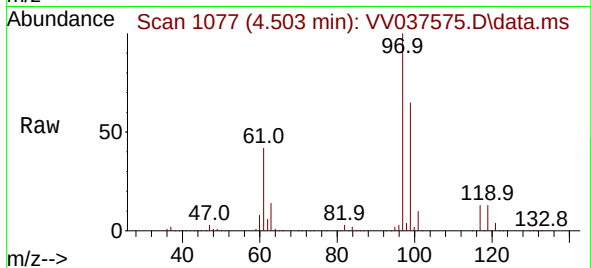
Tgt Ion: 97 Resp: 2361785

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 41.7 33.6 50.4



#34

Trichloroethene

Concen: 41.387 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Tgt Ion: 95 Resp: 206945

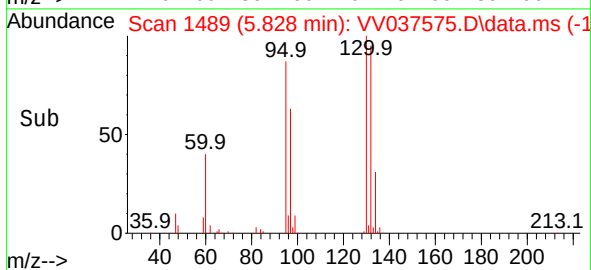
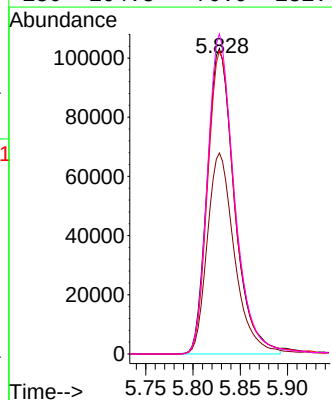
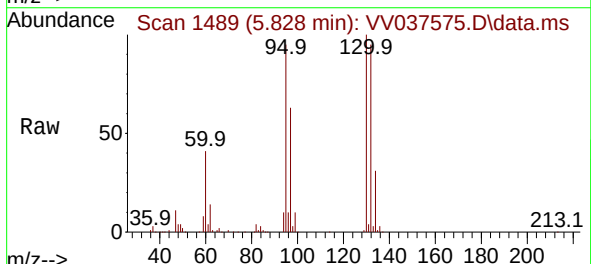
Ion Ratio Lower Upper

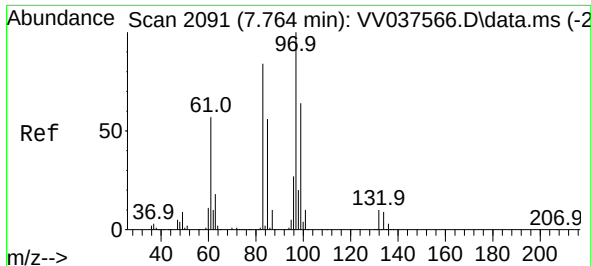
95 100

97 65.8 46.3 85.9

132 99.3 68.6 127.4

130 104.8 70.9 131.7





#45

1,1,2-Trichloroethane

Concen: 1.676 ug/L

RT: 7.776 min Scan# 2091

Delta R.T. 0.013 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 7802

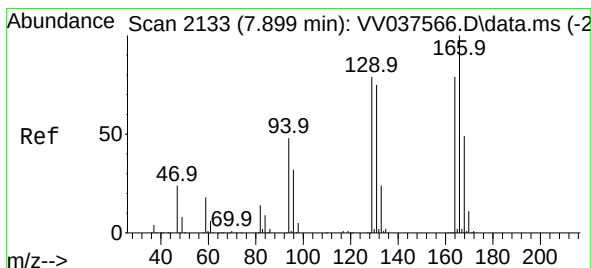
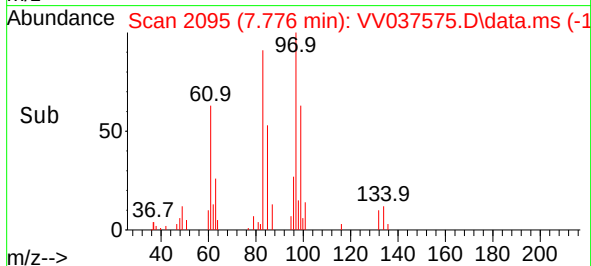
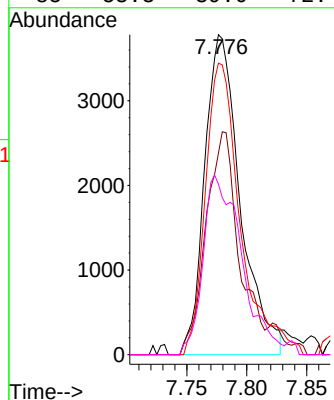
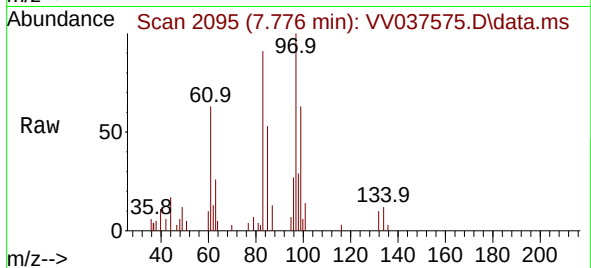
Ion Ratio Lower Upper

97 100

99 62.9 44.1 81.9

83 91.1 59.3 110.1

85 53.3 39.0 72.4



#46

Tetrachloroethene

Concen: 73.067 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037575.D

Acq: 27 Sep 2024 01:53

Tgt Ion:164 Resp: 279341

Ion Ratio Lower Upper

164 100

129 100.7 68.2 126.6

131 95.8 66.1 122.8

166 129.3 91.1 169.1

