

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037571.D
 Acq On : 27 Sep 2024 00:27
 Operator : SY/MD
 Sample : P4184-17
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 03:39:49 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)

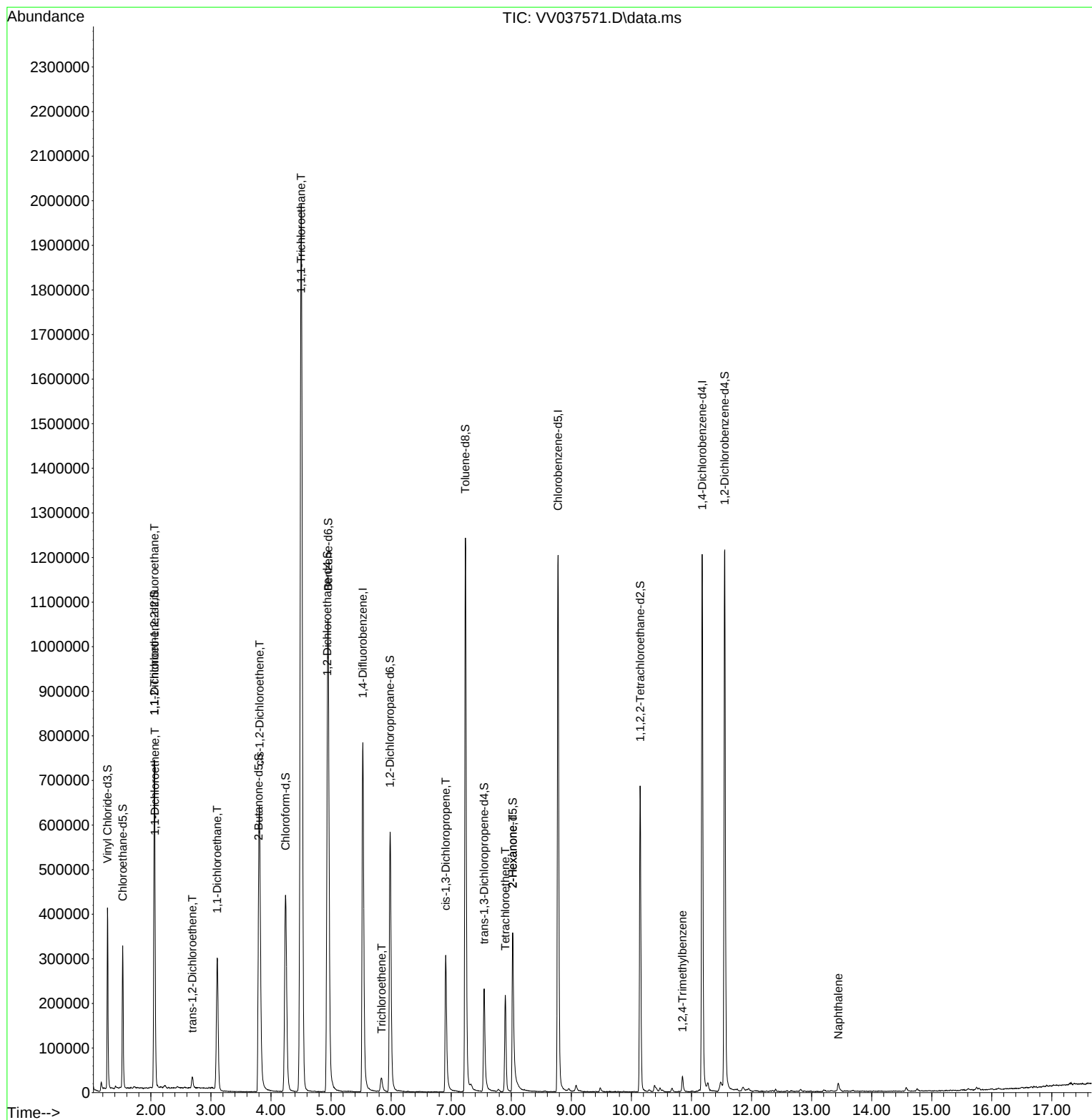
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	697917	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	661167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	320137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	270514	44.154	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.300%		
7) Chloroethane-d5	1.532	69	211557	44.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.980%		
11) 1,1-Dichloroethene-d2	2.060	65	114548	44.752	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.500%		
21) 2-Butanone-d5	3.793	46	199061	91.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.220%		
24) Chloroform-d	4.243	84	474391	43.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.040%		
26) 1,2-Dichloroethane-d4	4.937	65	285044	44.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.360%		
32) Benzene-d6	4.953	84	949880	45.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
36) 1,2-Dichloropropane-d6	5.982	67	297396	45.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.280%		
41) Toluene-d8	7.236	98	840144	44.783	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.560%		
43) trans-1,3-Dichloroprop...	7.548	79	127113	41.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.060%		
47) 2-Hexanone-d5	8.024	63	124461	89.468	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.470%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	336467	43.955	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.900%		
66) 1,2-Dichlorobenzene-d4	11.554	152	319961	47.430	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3721	0.748	ug/L #	28
12) 1,1-Dichloroethene	2.069	96	35020	7.537	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	9265	1.885	ug/L	91
19) 1,1-Dichloroethane	3.105	63	292386	31.046	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	324517	58.996	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1676608	205.892	ug/L	99
34) Trichloroethene	5.841	95	10544	1.986	ug/L	97
39) cis-1,3-Dichloropropene	6.908	75	8599	1.046	ug/L #	61
46) Tetrachloroethene	7.902	164	47724	11.754	ug/L	97
48) 2-Hexanone	8.024	43	14775	4.532	ug/L #	39
63) 1,2,4-Trimethylbenzene	10.850	105	21519	1.314	ug/L	98
71) Naphthalene	13.445	128	17056	1.021	ug/L #	90

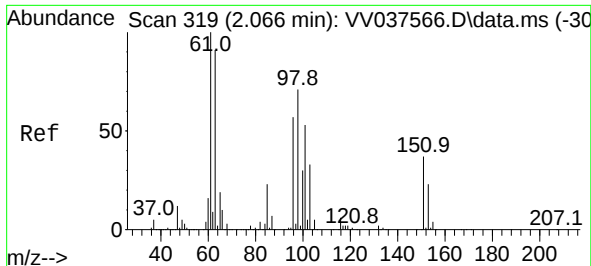
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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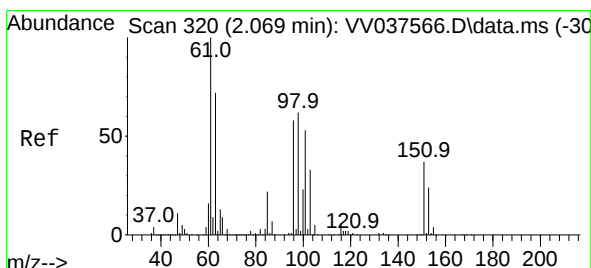
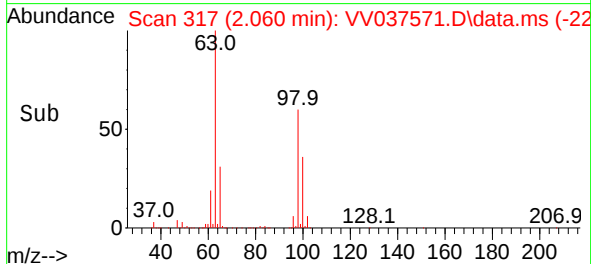
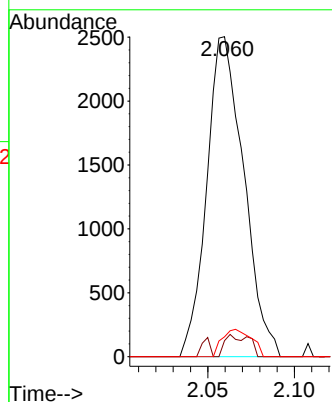
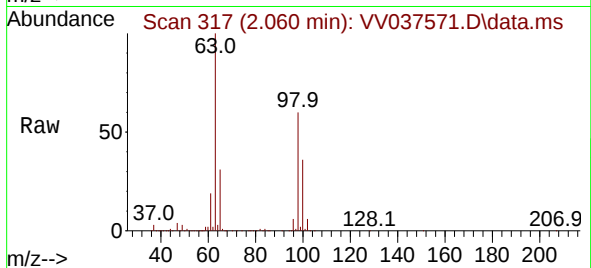




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.748 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

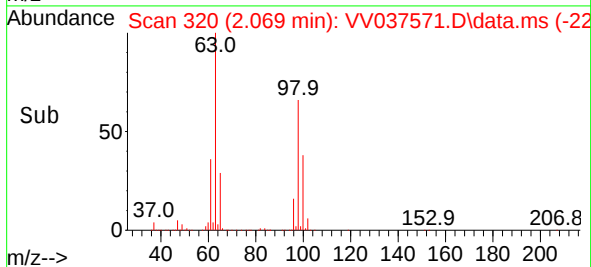
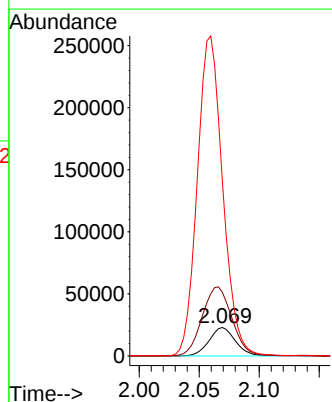
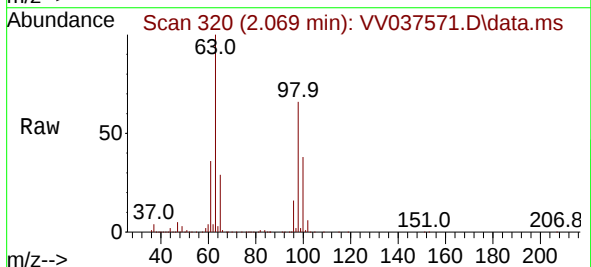
Instrument :
MSVOA_V
ClientSampleId :

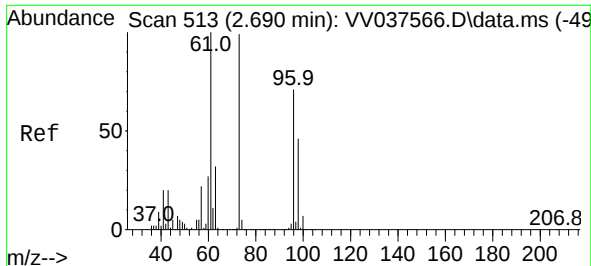
Tgt Ion:101 Resp: 3721
Ion Ratio Lower Upper
101 100
85 2.9 34.6 52.0#
151 6.8 57.5 86.3#



#12
1,1-Dichloroethene
Concen: 7.537 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

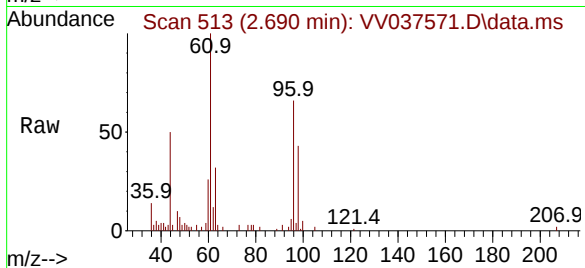
Tgt Ion: 96 Resp: 35020
Ion Ratio Lower Upper
96 100
61 224.5 122.6 227.6
63 618.8 118.0 219.2#





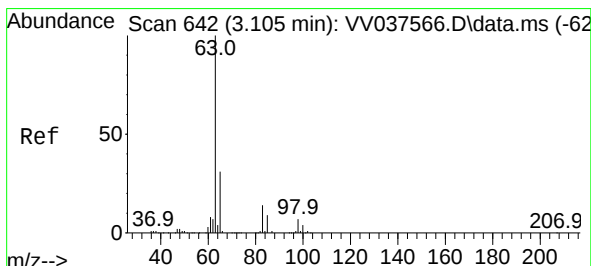
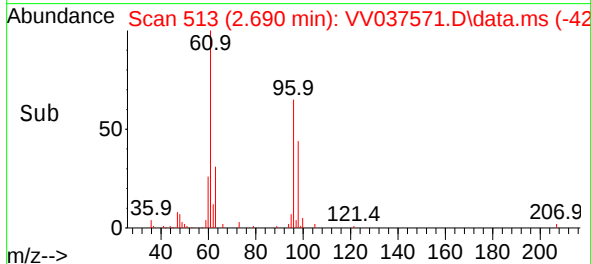
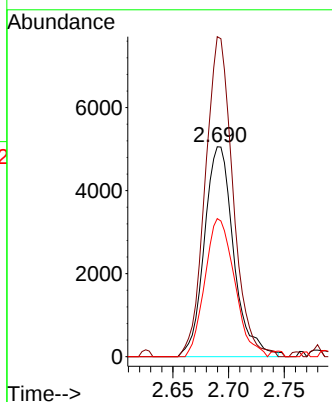
#17
trans-1,2-Dichloroethene
Concen: 1.885 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 9265

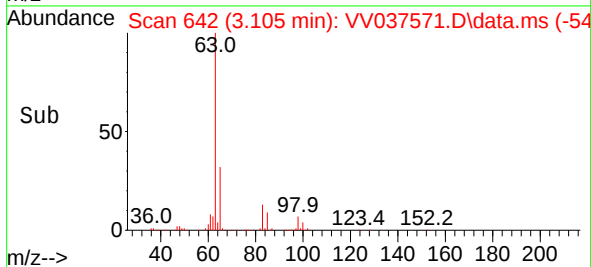
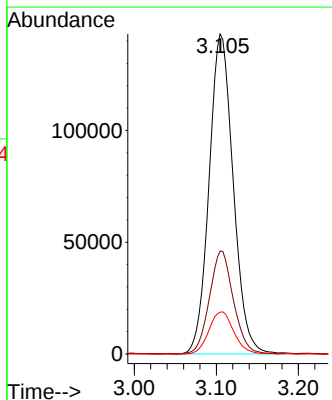
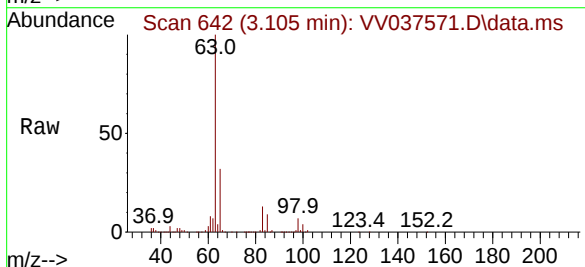
Ion	Ratio	Lower	Upper
96	100		
61	152.4	97.3	180.7
98	65.8	43.9	81.5

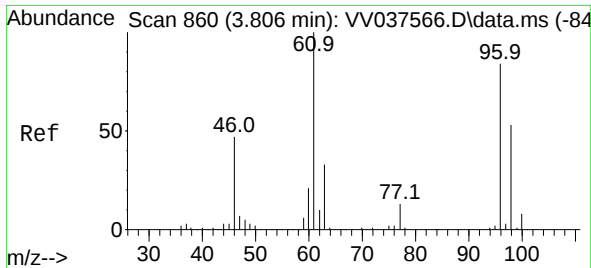


#19
1,1-Dichloroethane
Concen: 31.046 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

Tgt Ion: 63 Resp: 292386

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	13.1	9.5	17.7





#20

cis-1,2-Dichloroethene

Concen: 58.996 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

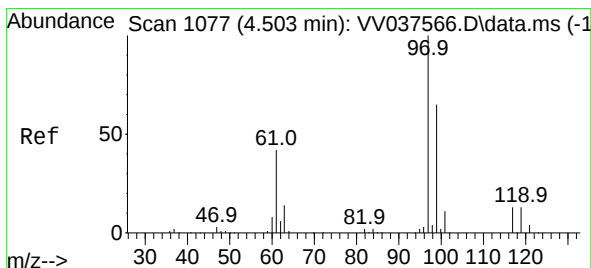
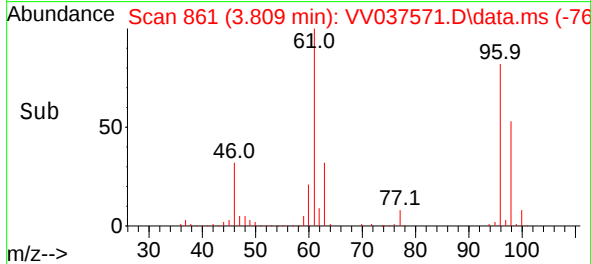
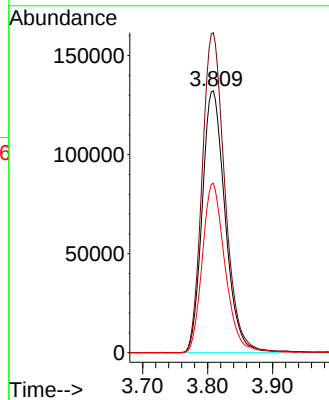
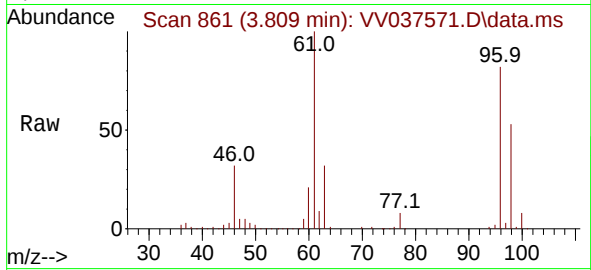
Tgt Ion: 96 Resp: 324517

Ion Ratio Lower Upper

96 100

61 122.2 85.0 157.8

98 64.7 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 205.892 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

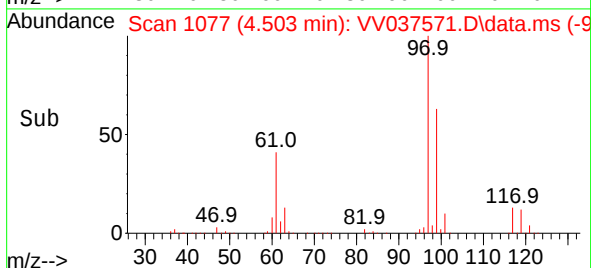
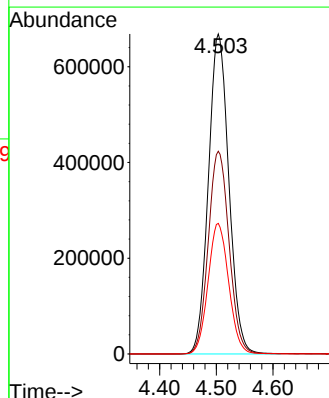
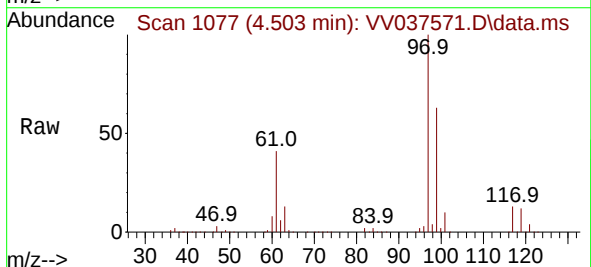
Tgt Ion: 97 Resp: 1676608

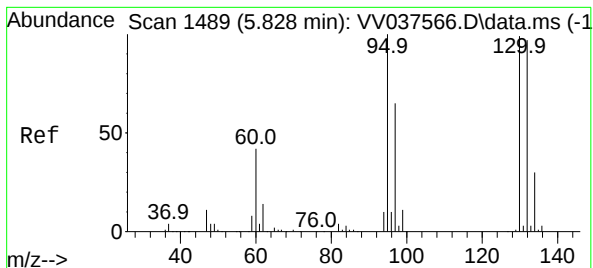
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 41.2 33.6 50.4





#34

Trichloroethene

Concen: 1.986 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 10544

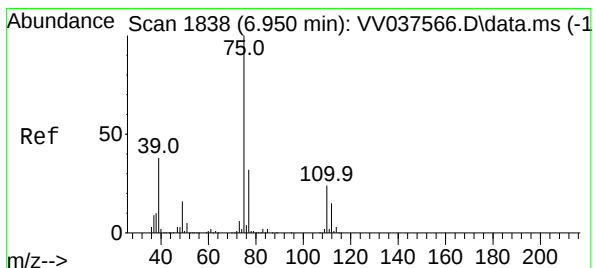
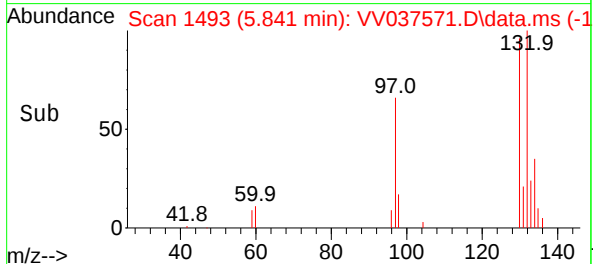
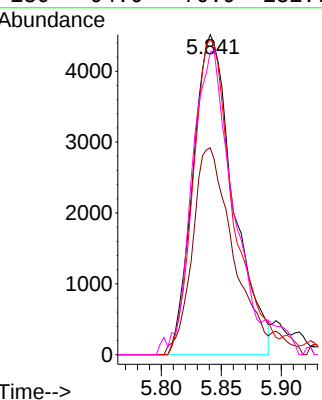
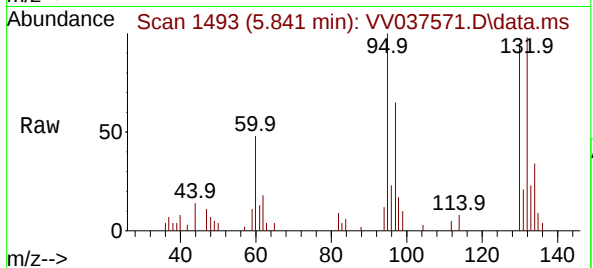
Ion Ratio Lower Upper

95 100

97 64.6 46.3 85.9

132 98.4 68.6 127.4

130 94.6 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 1.046 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.042 min

Lab File: VV037571.D

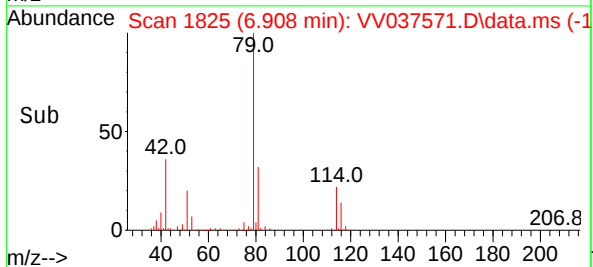
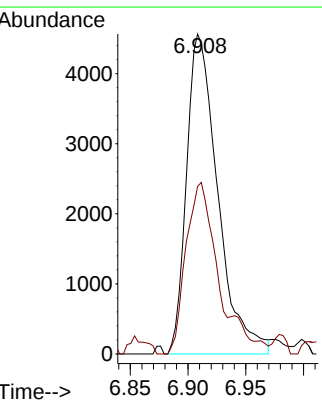
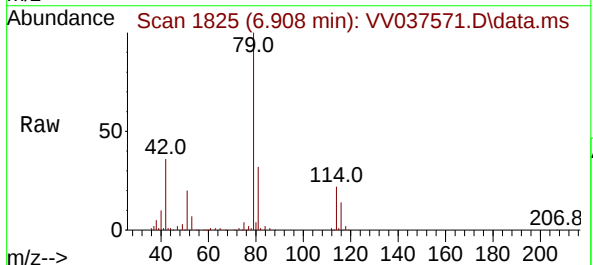
Acq: 27 Sep 2024 00:27

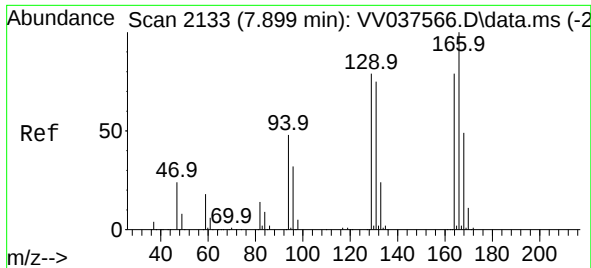
Tgt Ion: 75 Resp: 8599

Ion Ratio Lower Upper

75 100

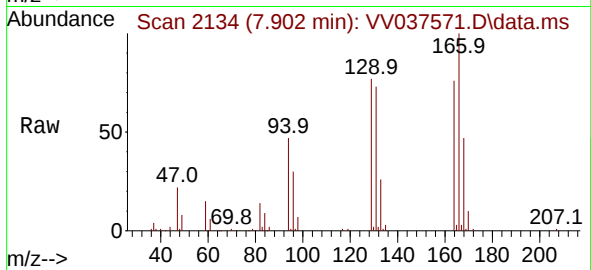
77 52.4 21.8 40.4#



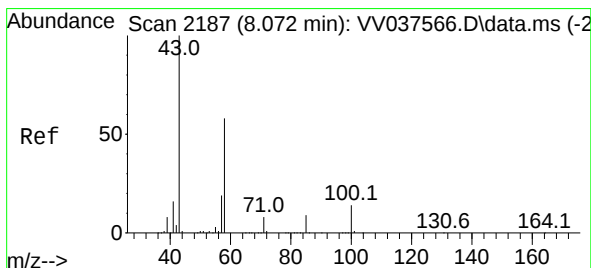
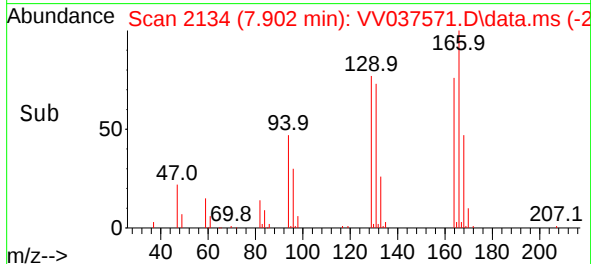
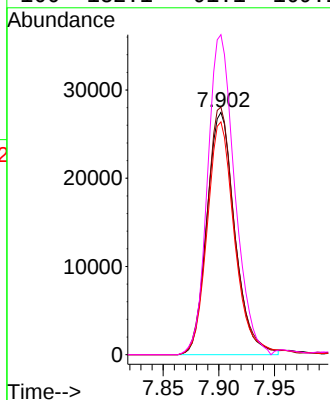


#46
Tetrachloroethene
Concen: 11.754 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :

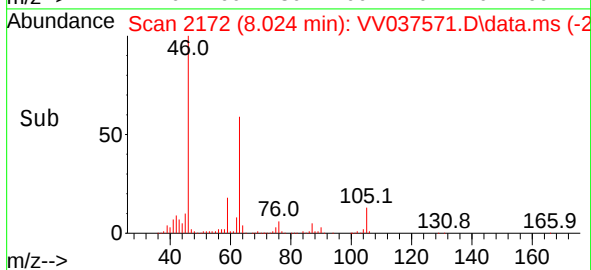
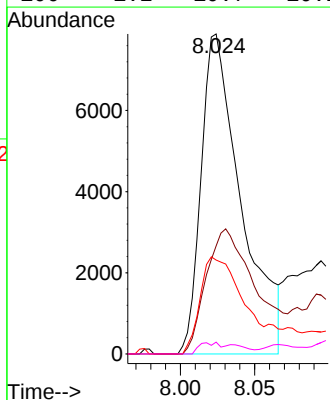
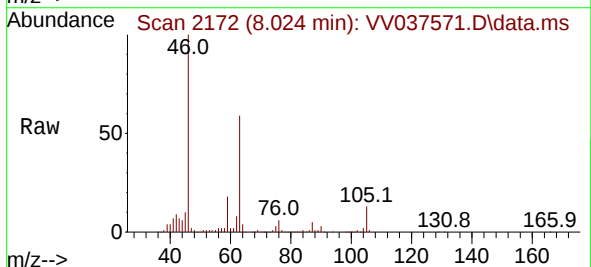


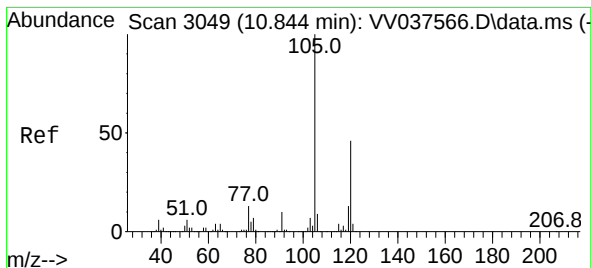
Tgt Ion:164 Resp: 47724
Ion Ratio Lower Upper
164 100
129 102.2 68.2 126.6
131 96.1 66.1 122.8
166 132.1 91.1 169.1



#48
2-Hexanone
Concen: 4.532 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.048 min
Lab File: VV037571.D
Acq: 27 Sep 2024 00:27

Tgt Ion: 43 Resp: 14775
Ion Ratio Lower Upper
43 100
58 0.0 46.5 69.7#
57 32.0 15.1 22.7#
100 1.2 10.7 16.1#





#63

1,2,4-Trimethylbenzene

Concen: 1.314 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

Instrument :

MSVOA_V

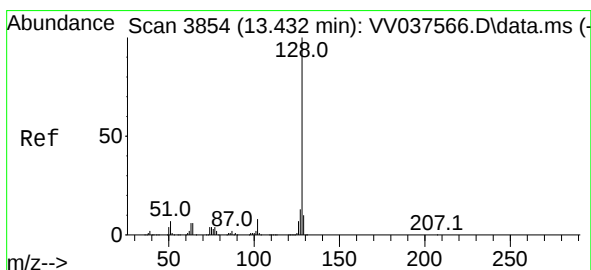
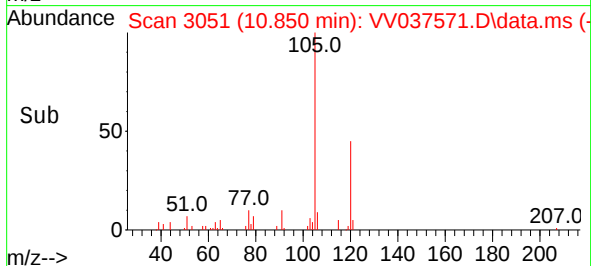
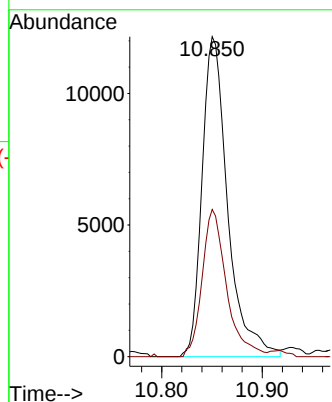
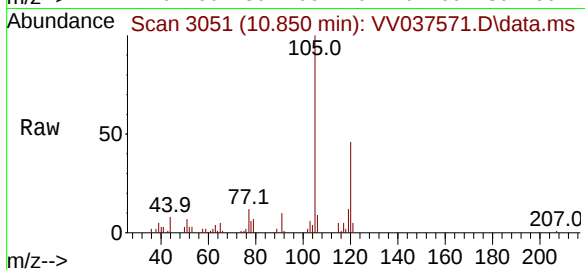
ClientSampleId :

Tgt Ion:105 Resp: 21519

Ion Ratio Lower Upper

105 100

120 43.8 36.2 54.2



#71

Naphthalene

Concen: 1.021 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.013 min

Lab File: VV037571.D

Acq: 27 Sep 2024 00:27

Tgt Ion:128 Resp: 17056

Ion Ratio Lower Upper

128 100

127 6.4 10.2 15.4#

129 9.2 8.5 12.7

