

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036762.D
 Acq On : 02 Aug 2024 13:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 00:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

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

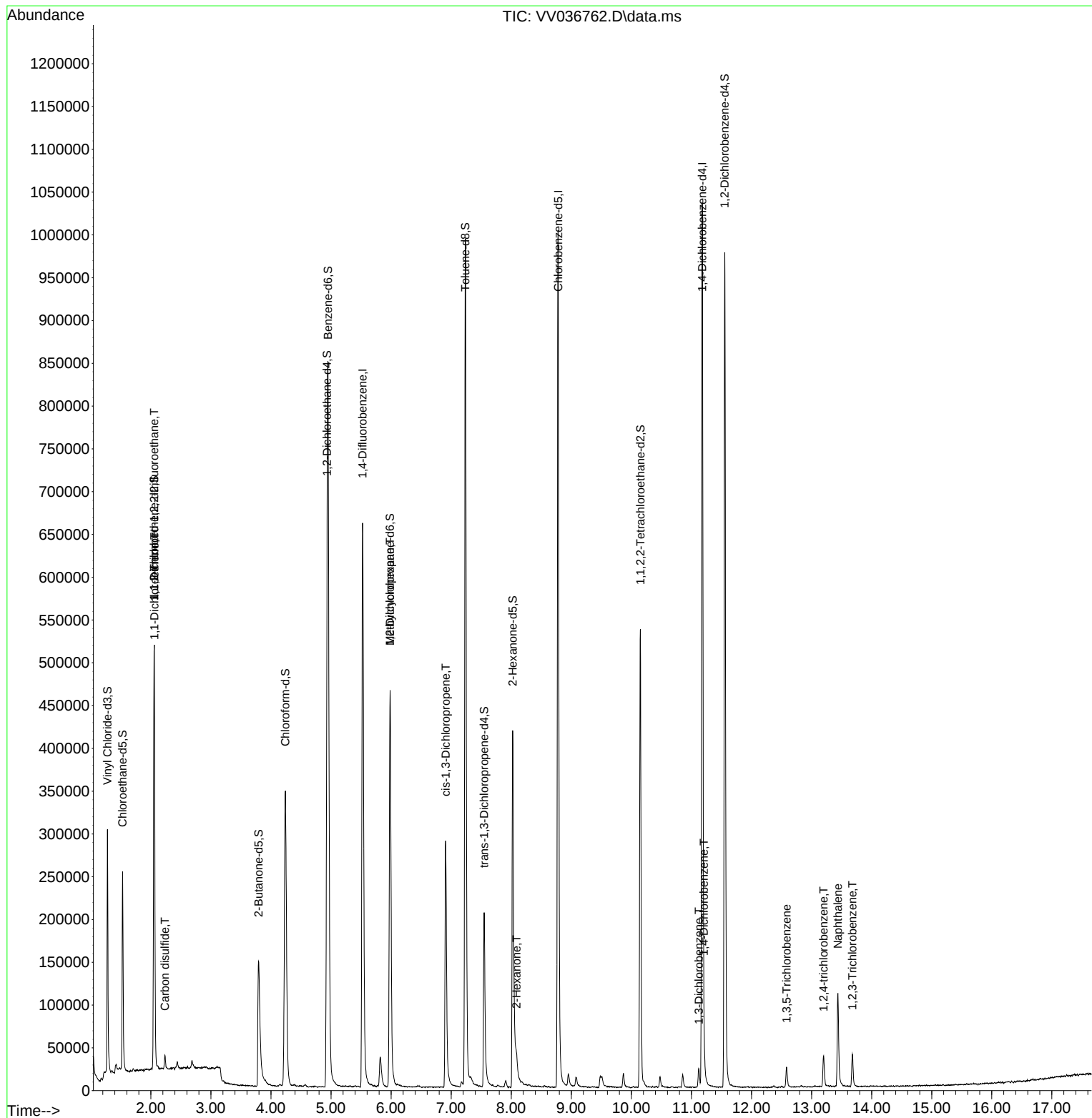
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	553946	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	519553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	252730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180813	40.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.740%		
7) Chloroethane-d5	1.529	69	151704	43.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.960%		
11) 1,1-Dichloroethene-d2	2.056	65	84469	44.632	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.260%		
21) 2-Butanone-d5	3.793	46	234656	100.100	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.100%		
24) Chloroform-d	4.240	84	346544	43.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.300%		
26) 1,2-Dichloroethane-d4	4.934	65	233959	45.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.660%		
32) Benzene-d6	4.950	84	702755	44.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	5.982	67	224599	44.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.720%		
41) Toluene-d8	7.236	98	642550	44.638	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.280%		
43) trans-1,3-Dichloroprop...	7.548	79	117467	44.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.160%		
47) 2-Hexanone-d5	8.024	63	137974	94.786	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.790%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	260992	44.899	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.800%		
66) 1,2-Dichlorobenzene-d4	11.554	152	231548	44.961	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2836	0.774	ug/L #	43
12) 1,1-Dichloroethene	2.060	96	2789	0.797	ug/L #	1
14) Carbon disulfide	2.233	76	16929	1.540	ug/L #	93
35) Methylcyclohexane	5.982	83	54604	7.901	ug/L #	19
39) cis-1,3-Dichloropropene	6.908	75	7310	1.037	ug/L #	58
48) 2-Hexanone	8.088	43	25864	6.894	ug/L #	94
64) 1,3-Dichlorobenzene	11.124	146	9025	1.141	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	11011	1.369	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	7217	1.285	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	10715	1.990	ug/L	97
71) Naphthalene	13.439	128	91224	5.283	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	10648	2.020	ug/L	99

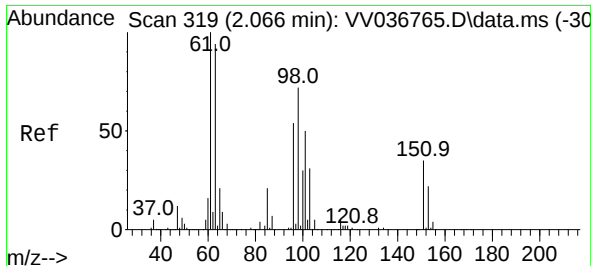
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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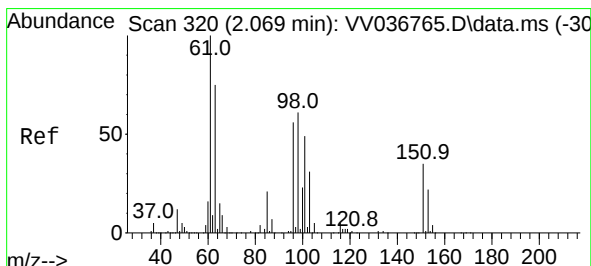
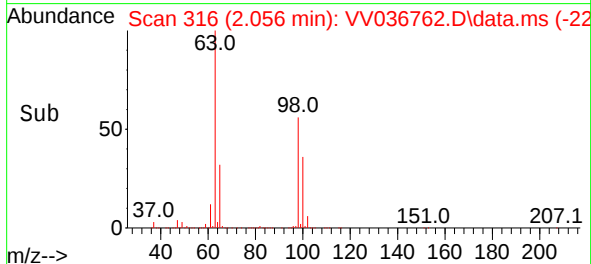
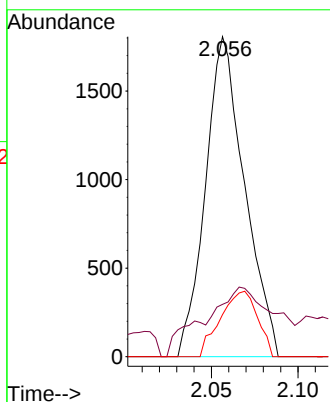
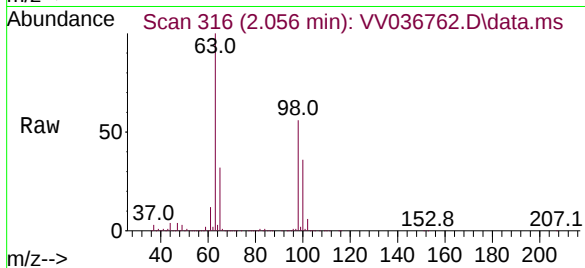




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.774 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV036762.D
Acq: 02 Aug 2024 13:15

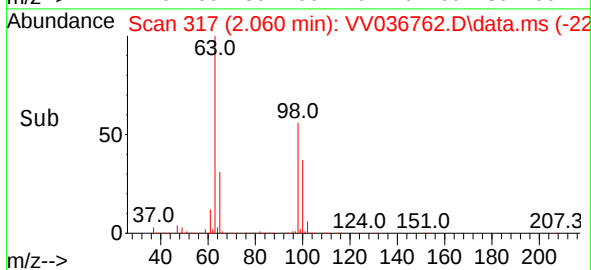
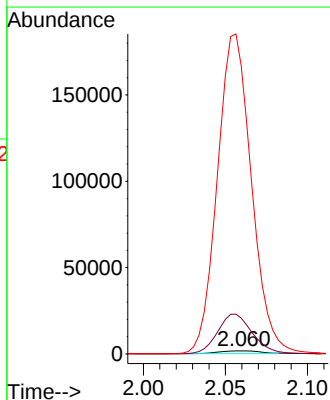
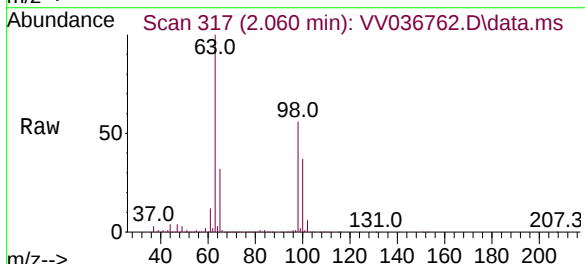
Instrument :
MSVOA_V
ClientSampleId :

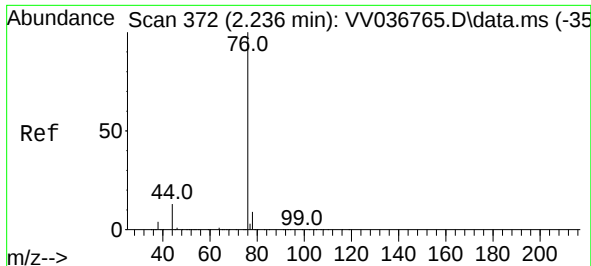
Tgt Ion:101 Resp: 2836
Ion Ratio Lower Upper
101 100
85 10.6 34.6 51.8#
151 19.5 55.9 83.9#



#12
1,1-Dichloroethene
Concen: 0.797 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV036762.D
Acq: 02 Aug 2024 13:15

Tgt Ion: 96 Resp: 2789
Ion Ratio Lower Upper
96 100
61 1155.9 125.6 233.2#
63 9296.8 95.1 176.7#





#14

Carbon disulfide

Concen: 1.540 ug/L

RT: 2.233 min Scan# 31

Delta R.T. -0.003 min

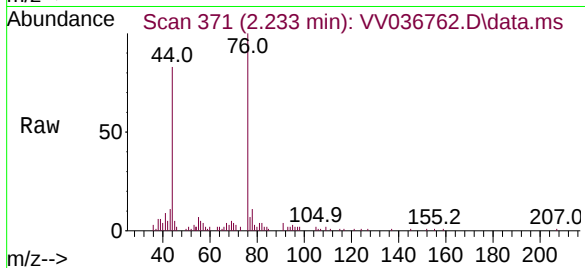
Lab File: VV036762.D

Acq: 02 Aug 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

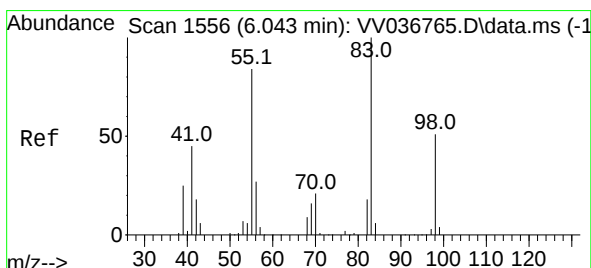
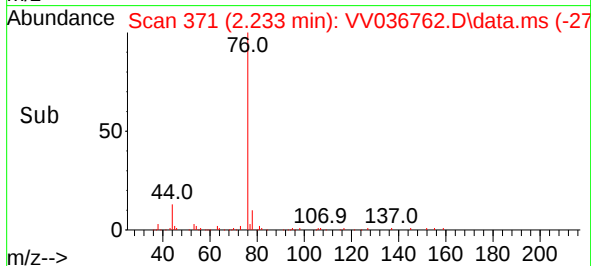
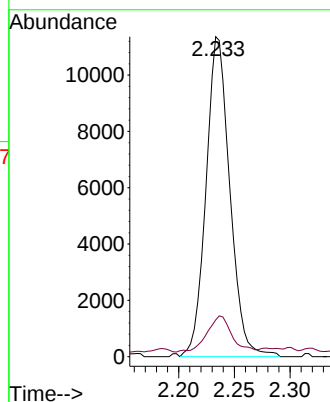


Tgt Ion: 76 Resp: 16929

Ion Ratio Lower Upper

76 100

78 11.5 7.1 10.7#



#35

Methylcyclohexane

Concen: 7.901 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

Lab File: VV036762.D

Acq: 02 Aug 2024 13:15

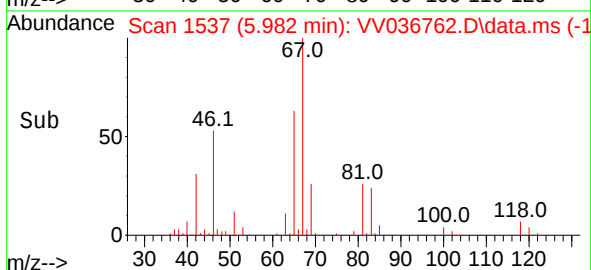
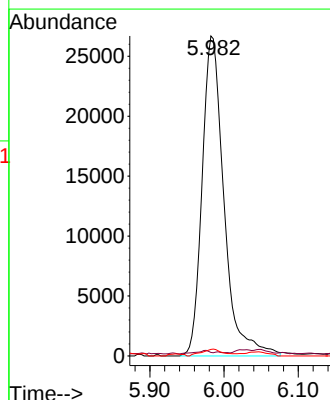
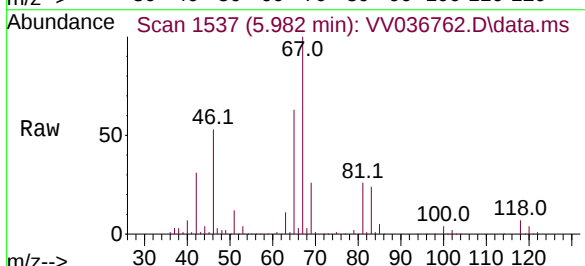
Tgt Ion: 83 Resp: 54604

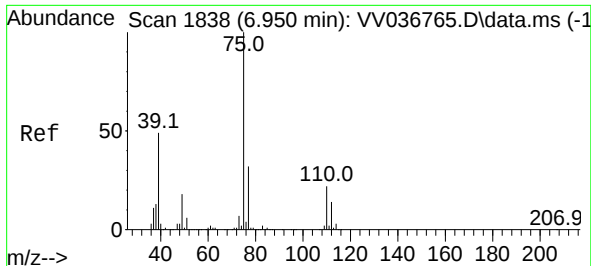
Ion Ratio Lower Upper

83 100

55 0.1 62.3 93.5#

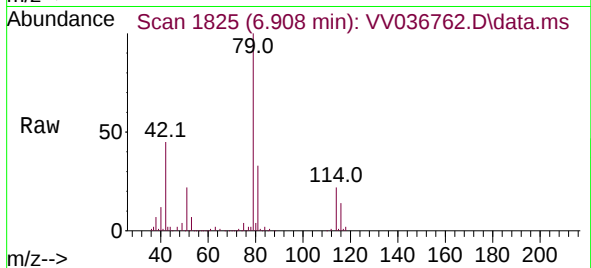
98 2.1 38.7 58.1#



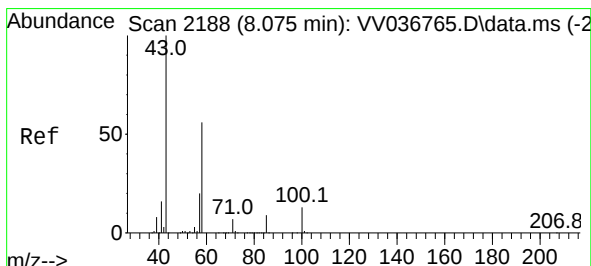
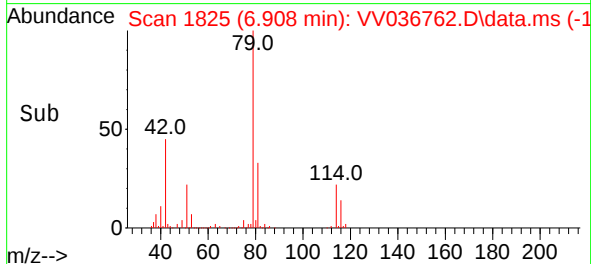
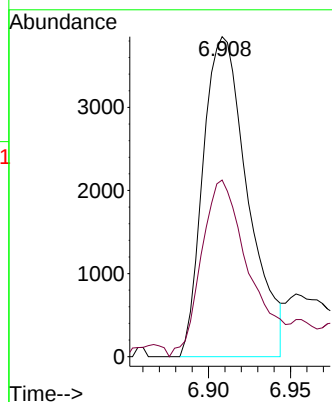


#39
cis-1,3-Dichloropropene
Concen: 1.037 ug/L
RT: 6.908 min Scan# 11
Delta R.T. -0.042 min
Lab File: VV036762.D
Acq: 02 Aug 2024 13:15

Instrument :
MSVOA_V
ClientSampleId :

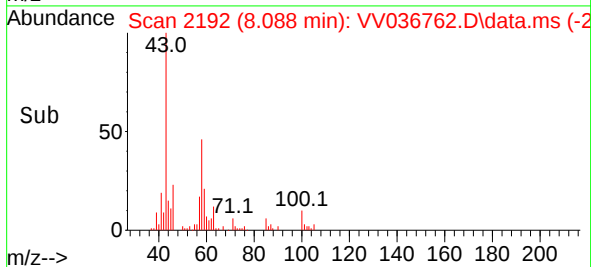
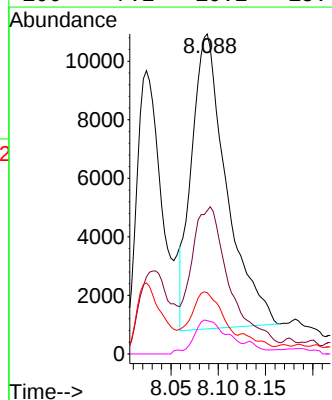
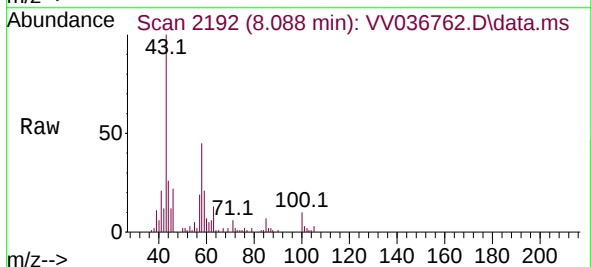


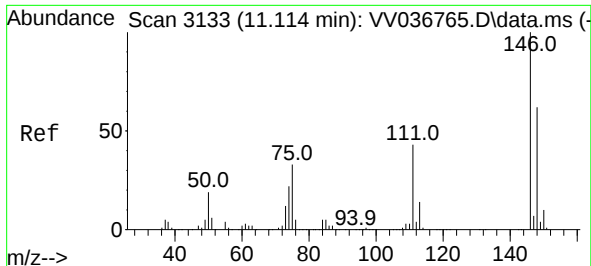
Tgt Ion: 75 Resp: 7310
Ion Ratio Lower Upper
75 100
77 55.2 22.2 41.2#



#48
2-Hexanone
Concen: 6.894 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV036762.D
Acq: 02 Aug 2024 13:15

Tgt Ion: 43 Resp: 25864
Ion Ratio Lower Upper
43 100
58 54.6 44.7 67.1
57 12.6 15.0 22.4#
100 7.2 10.2 15.4#

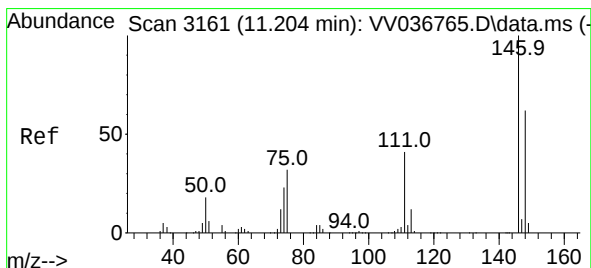
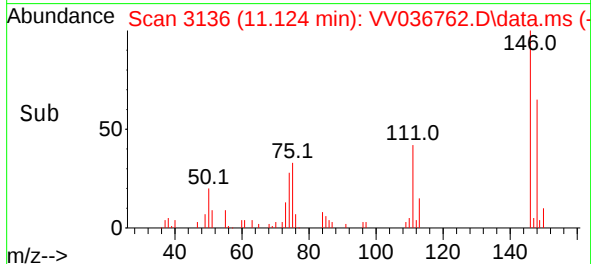
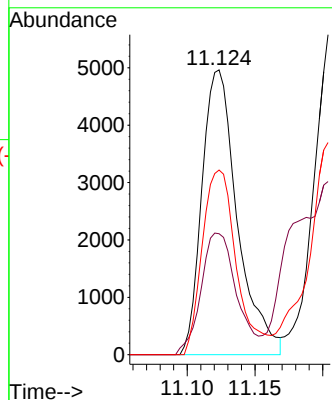
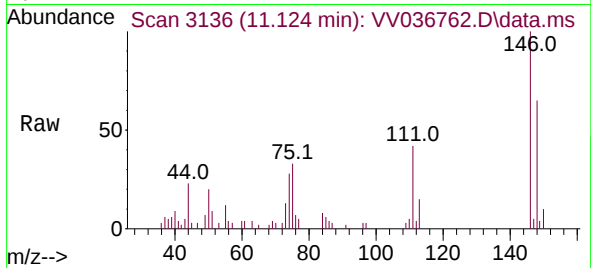




#64
1,3-Dichlorobenzene
Concen: 1.141 ug/L
RT: 11.124 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV036762.D
Acq: 02 Aug 2024 13:15

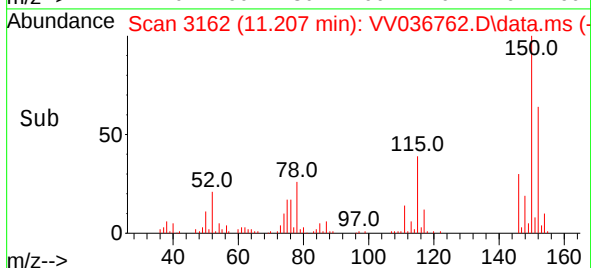
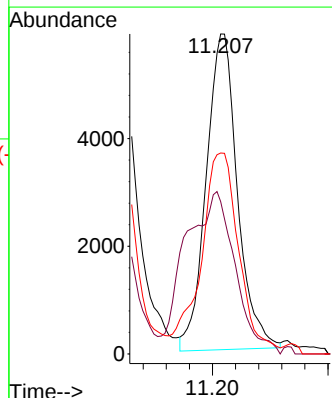
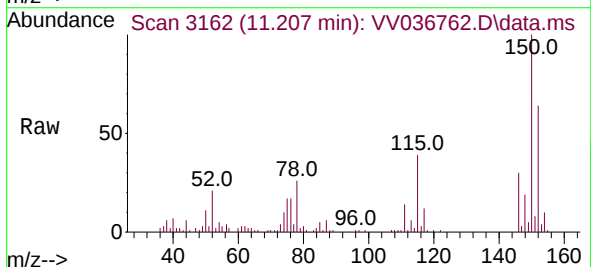
Instrument :
MSVOA_V
ClientSampleId :

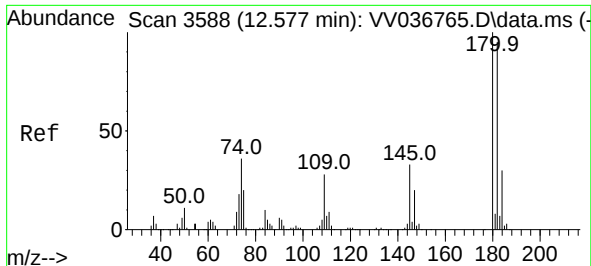
Tgt Ion:146 Resp: 9025
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.4
148 64.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 1.369 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036762.D
Acq: 02 Aug 2024 13:15

Tgt Ion:146 Resp: 11011
Ion Ratio Lower Upper
146 100
111 47.6 29.0 53.9
148 62.8 43.8 81.4





#69

1,3,5-Trichlorobenzene

Concen: 1.285 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.006 min

Lab File: VV036762.D

Acq: 02 Aug 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 7217

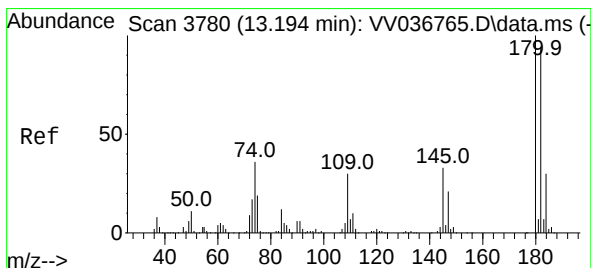
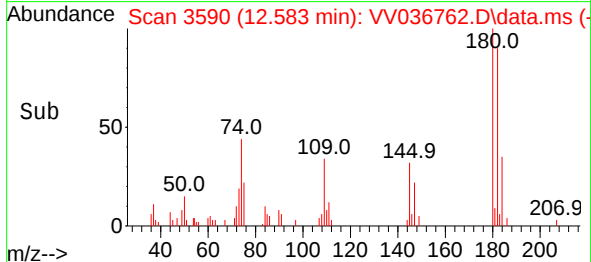
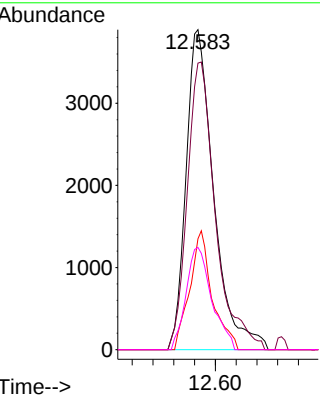
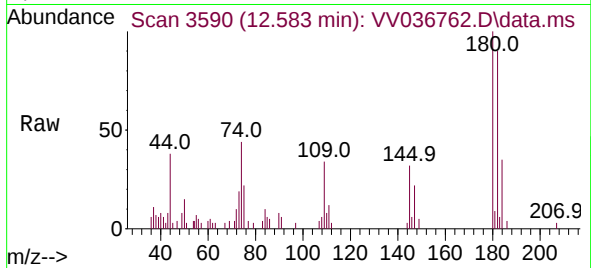
Ion Ratio Lower Upper

180 100

182 90.8 75.0 112.6

184 30.1 23.7 35.5

145 29.7 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.990 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV036762.D

Acq: 02 Aug 2024 13:15

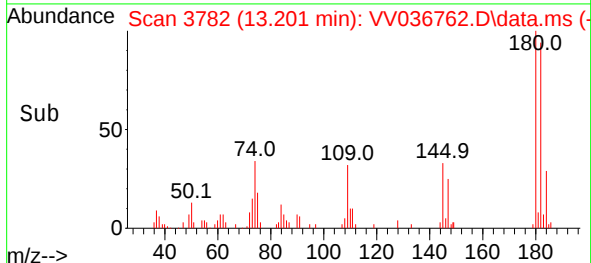
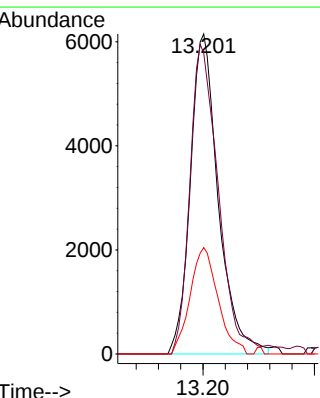
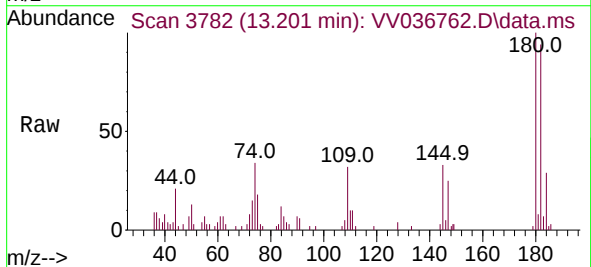
Tgt Ion:180 Resp: 10715

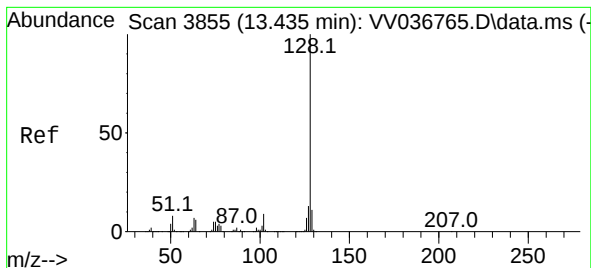
Ion Ratio Lower Upper

180 100

182 98.0 75.1 112.7

145 33.2 26.5 39.7





#71

Naphthalene

Concen: 5.283 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036762.D

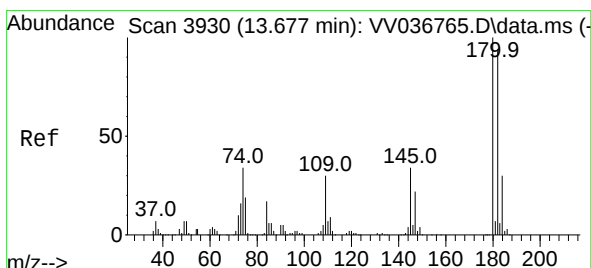
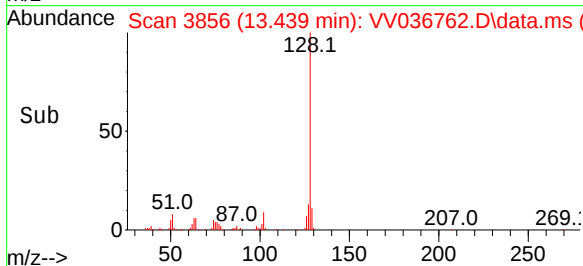
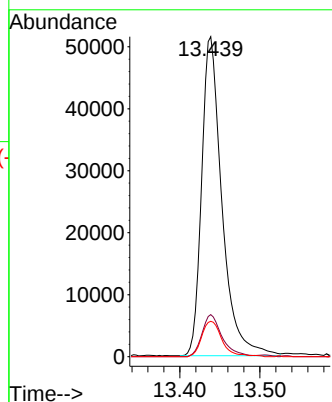
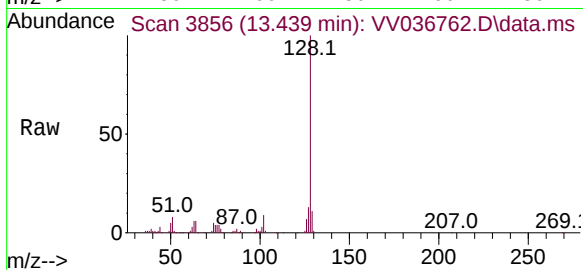
Acq: 02 Aug 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	91224
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.5 15.7
129	10.7	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.020 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036762.D

Acq: 02 Aug 2024 13:15

Tgt Ion:180	Resp:	10648
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.2 114.2
145	35.7	27.8 41.6

