

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027756.D
 Acq On : 06 Sep 2022 21:18
 Operator : SY/MD
 Sample : N4418-10DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD5DL

Quant Time: Sep 07 06:30:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

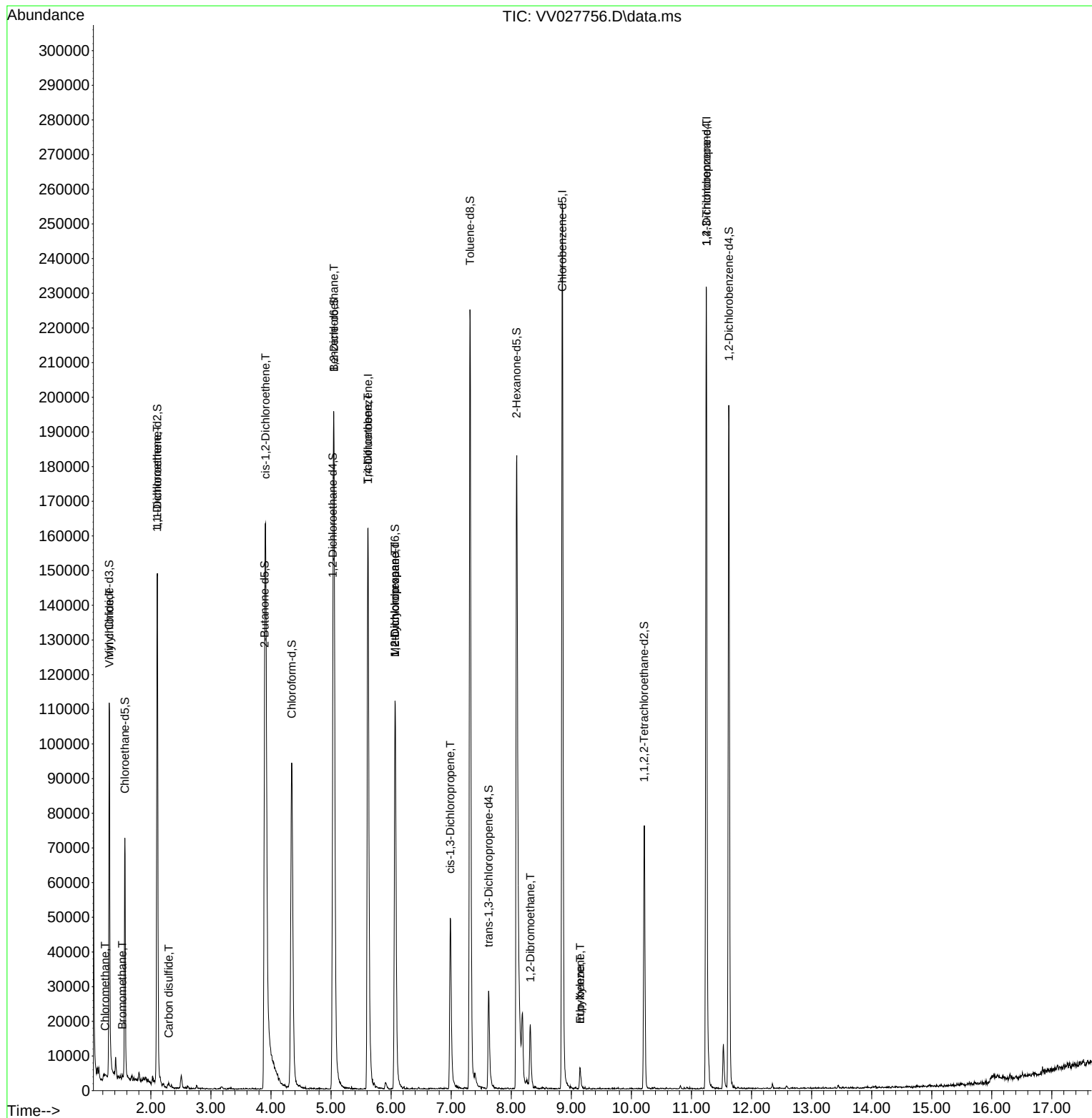
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142117	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	143322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48742	5.203	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.000%		
7) Chloroethane-d5	1.568	69	44677	5.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.400%		
11) 1,1-Dichloroethene-d2	2.108	63	78245	3.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.800%		
20) 2-Butanone-d5	3.892	46	65864	31.725	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 63.440%		
24) Chloroform-d	4.346	84	99321	5.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
26) 1,2-Dichloroethane-d4	5.030	65	49173	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
32) Benzene-d6	5.047	84	181115	4.356	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.200%		
36) 1,2-Dichloropropane-d6	6.066	67	51804	4.256	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 85.200%		
41) Toluene-d8	7.313	98	154894	4.430	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.600%		
43) trans-1,3-Dichloroprop...	7.622	79	17924	4.389	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.800%		
46) 2-Hexanone-d5	8.088	63	69411	45.723	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 91.440%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35128	4.494	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	52833	5.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.200%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	736	0.058	ug/L	88
5) Vinyl chloride	1.310	62	30190	2.360	ug/L	99
6) Bromomethane	1.523	94	492	0.071	ug/L	81
12) 1,1-Dichloroethene	2.105	96	798	0.085	ug/L #	1
14) Carbon disulfide	2.297	76	1990	0.071	ug/L #	86
22) cis-1,2-Dichloroethene	3.908	96	77399	7.140	ug/L #	90
27) 1,2-Dichloroethane	5.047	62	1012	0.081	ug/L #	75
34) Trichloroethene	5.612	95	4152	0.350	ug/L #	5
35) Methylcyclohexane	6.066	83	14035	0.771	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6262	0.557	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1414	0.100	ug/L #	83
50) 1,2-Dibromoethane	8.320	107	448	0.068	ug/L #	1
52) Ethylbenzene	9.146	91	3885	0.082	ug/L #	69
53) m,p-Xylene	9.146	106	1683	0.090	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	6144	1.209	ug/L #	59

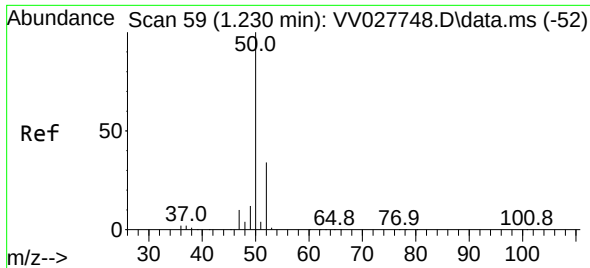
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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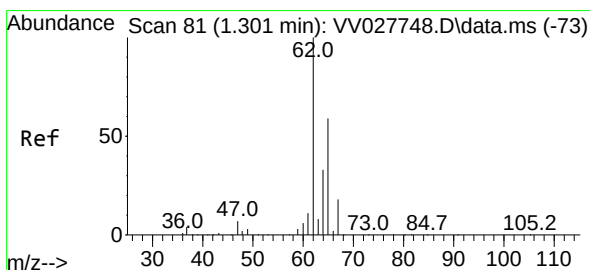
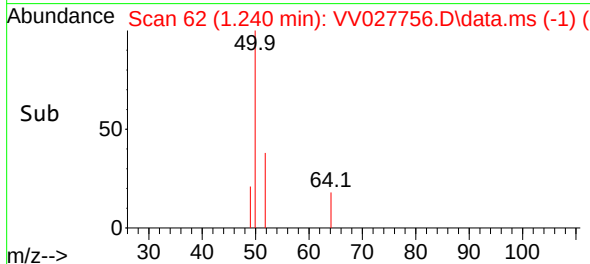
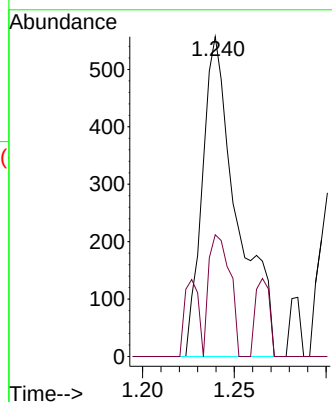
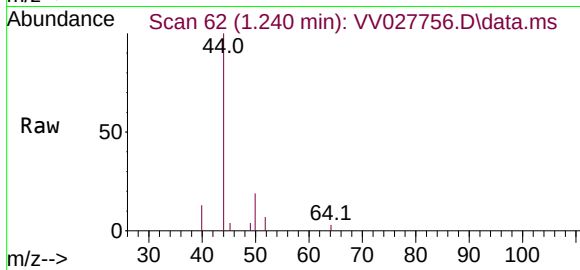




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

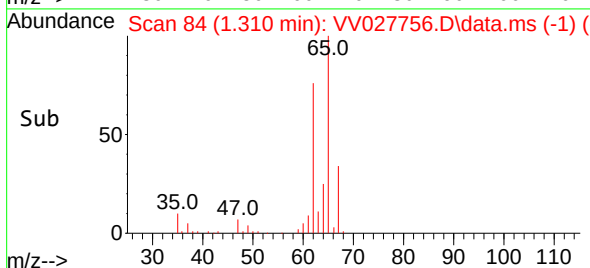
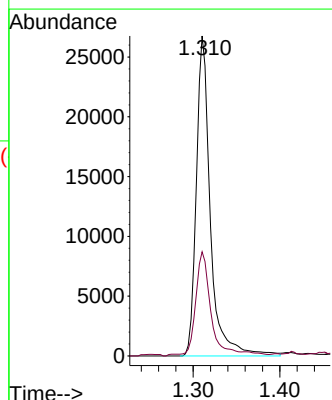
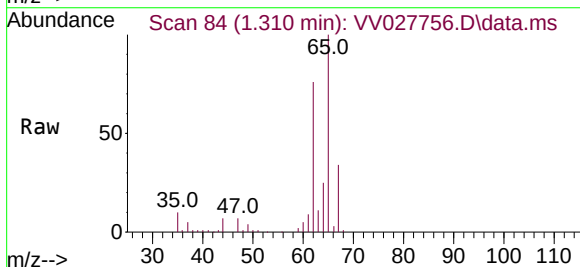
Instrument :
MSVOA_V
ClientSampleId :
DBVD5DL

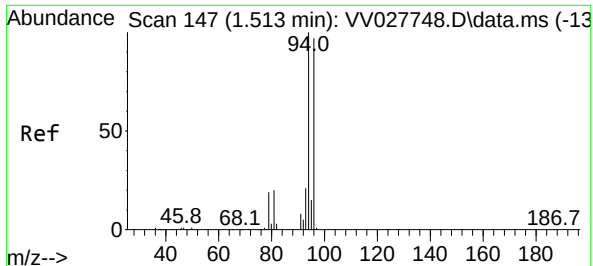
Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 38.1 22.1 41.1



#5
Vinyl chloride
Concen: 2.360 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

Tgt Ion: 62 Resp: 30190
Ion Ratio Lower Upper
62 100
64 32.5 23.2 43.2

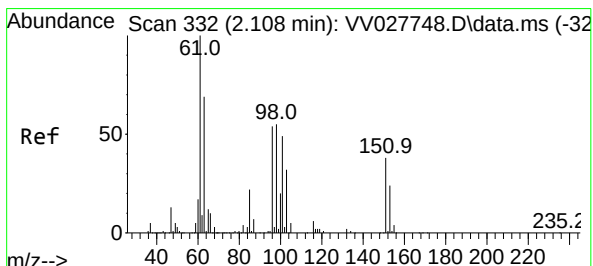
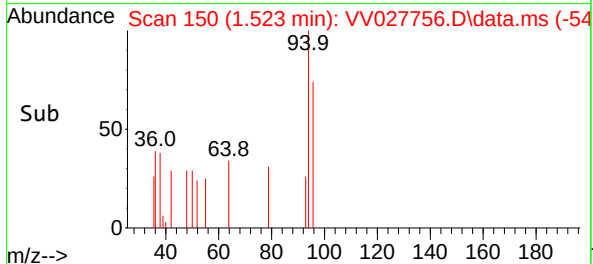
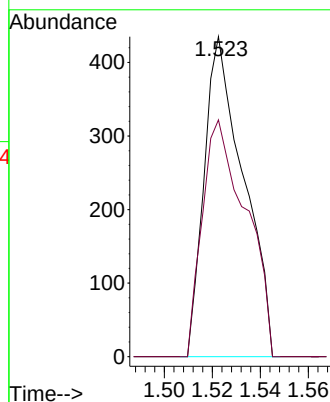
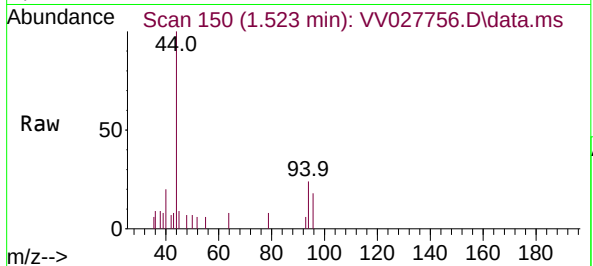




#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

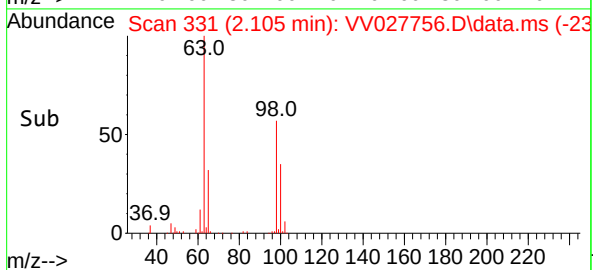
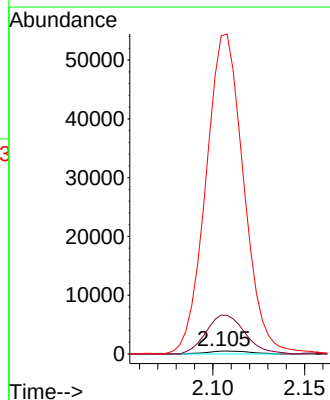
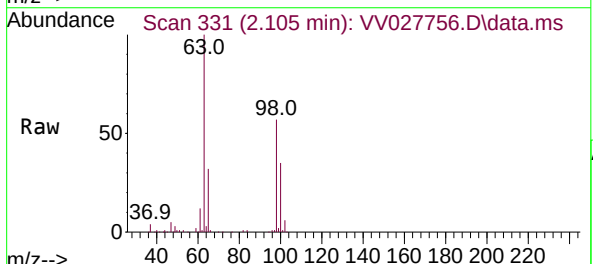
Instrument :
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ClientSampleId :
DBVD5DL

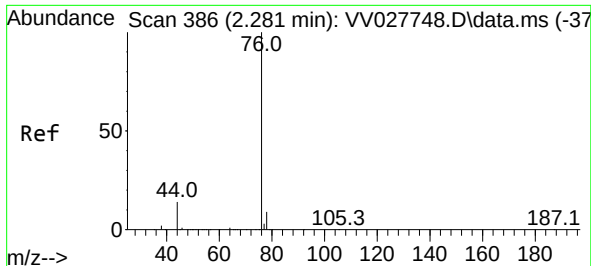
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 74.0 64.2 119.2



#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

Tgt Ion: 96 Resp: 798
Ion Ratio Lower Upper
96 100
61 1323.4 129.9 241.3#
63 10805.6 94.6 175.8#

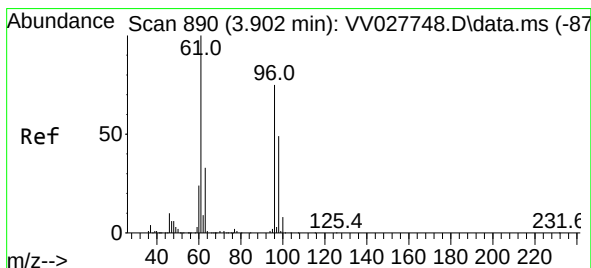
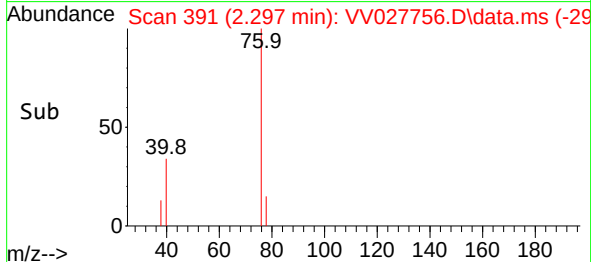
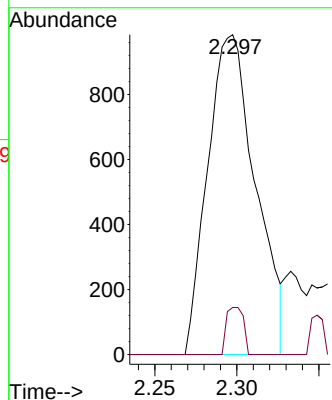
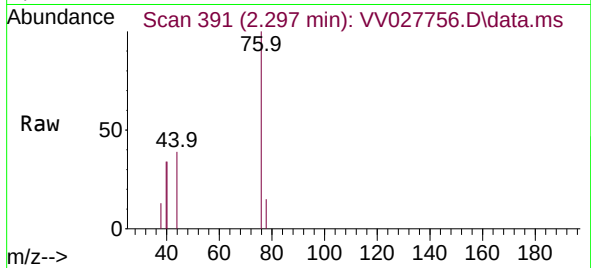




#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.016 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

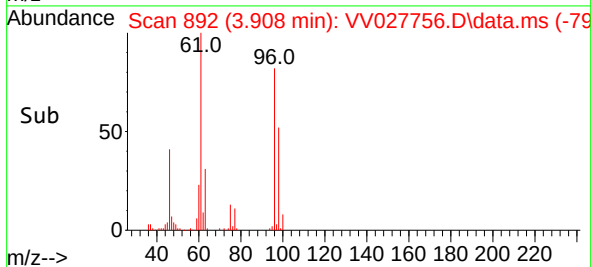
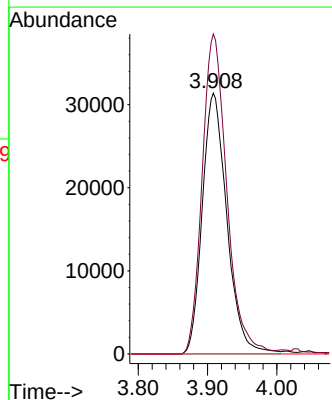
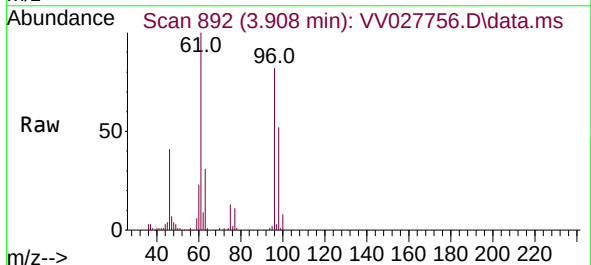
Instrument :
MSVOA_V
ClientSampleId :
DBVD5DL

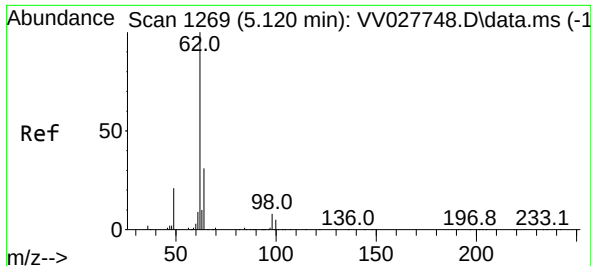
Tgt Ion: 76 Resp: 1990
Ion Ratio Lower Upper
76 100
78 14.7 7.7 11.5#



#22
cis-1,2-Dichloroethene
Concen: 7.140 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

Tgt Ion: 96 Resp: 77399
Ion Ratio Lower Upper
96 100
61 122.6 94.6 175.6
68 0.0 0.3 0.5#

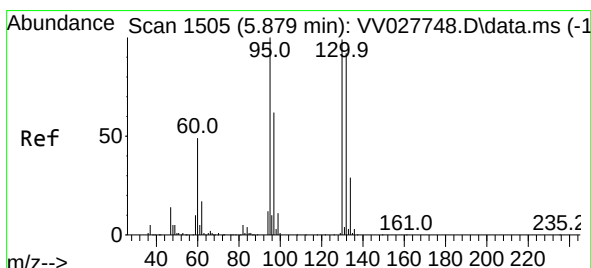
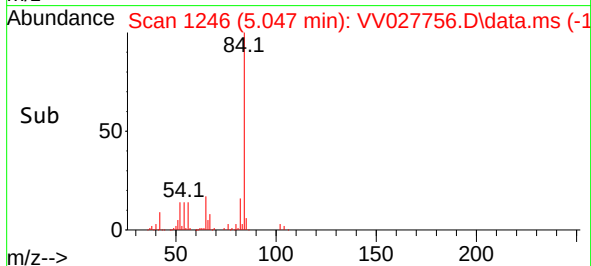
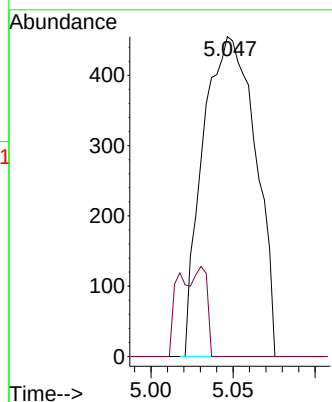
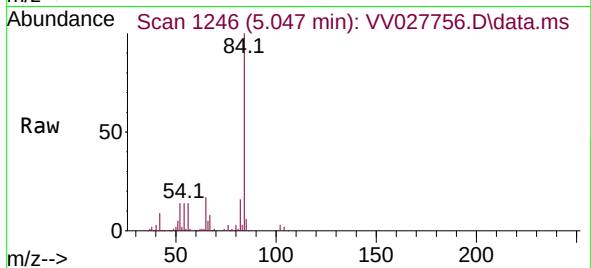




#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

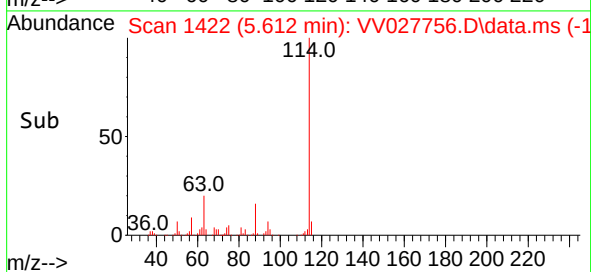
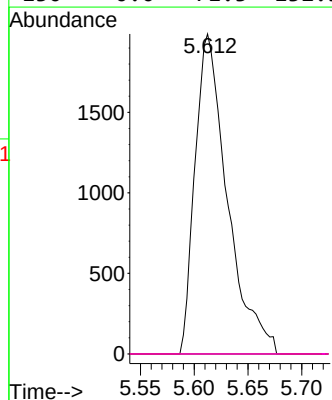
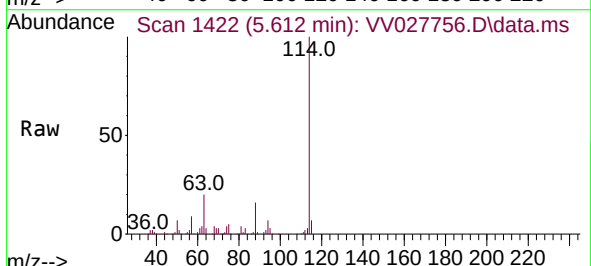
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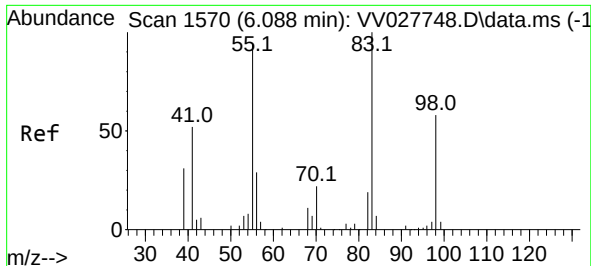
Tgt Ion: 62 Resp: 1012
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 0.350 ug/L
RT: 5.612 min Scan# 1422
Delta R.T. -0.267 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

Tgt Ion: 95 Resp: 4152
Ion Ratio Lower Upper
95 100
97 0.0 42.9 79.7#
132 0.0 67.9 126.1#
130 0.0 71.3 132.3#

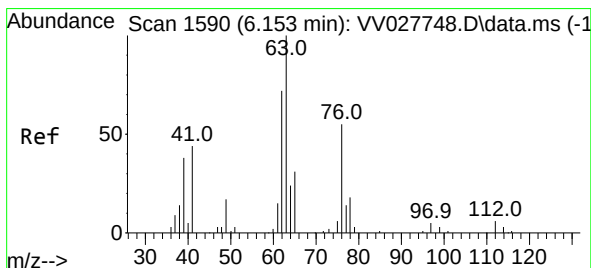
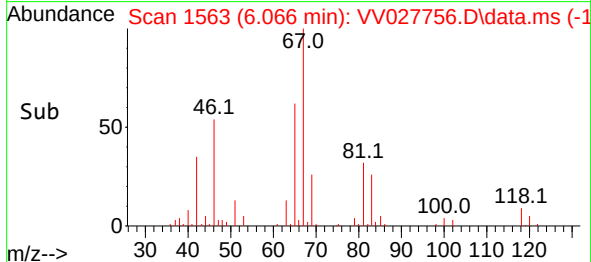
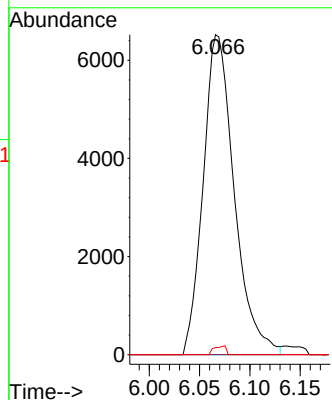
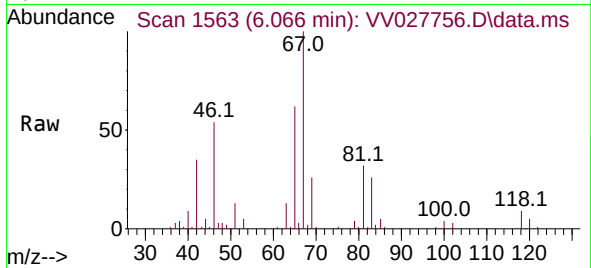




#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.022 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

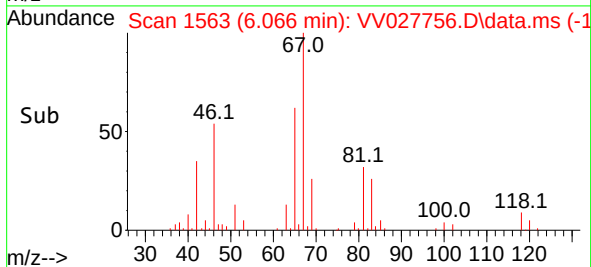
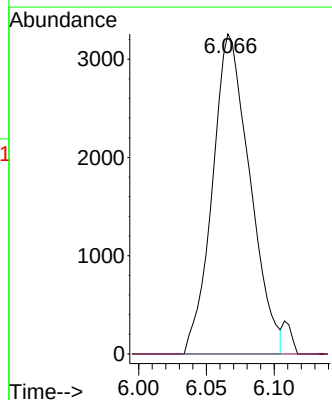
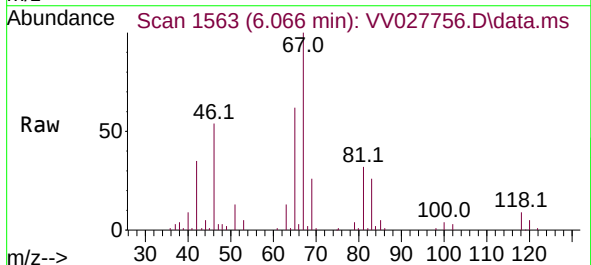
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ClientSampleId :
DBVD5DL

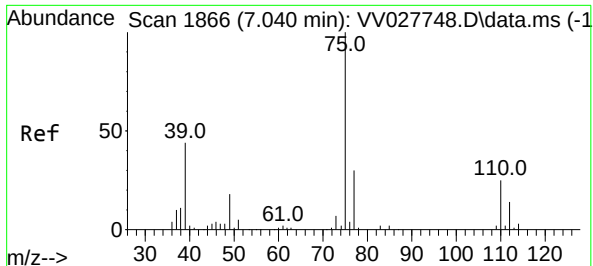
Tgt Ion: 83 Resp: 14035
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.0 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.087 min
Lab File: VV027756.D
Acq: 06 Sep 2022 21:18

Tgt Ion: 63 Resp: 6262
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV027756.D

Acq: 06 Sep 2022 21:18

Instrument :

MSVOA_V

ClientSampleId :

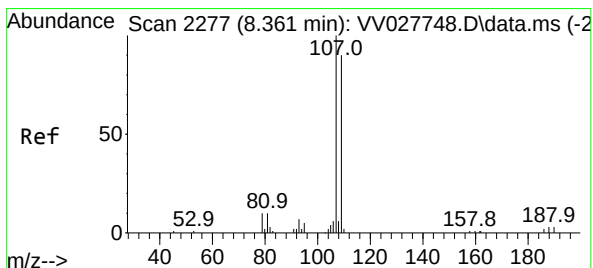
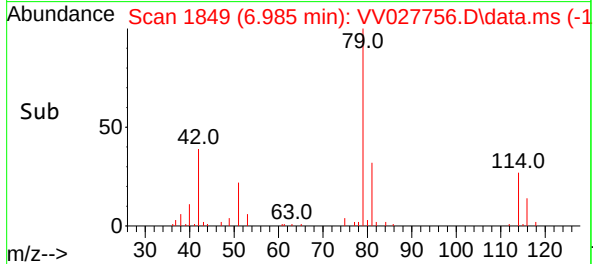
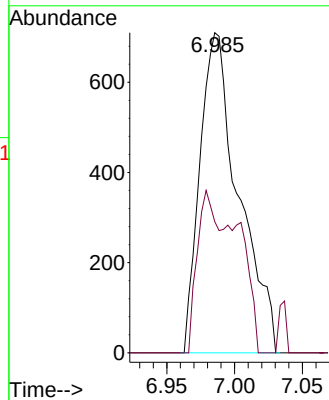
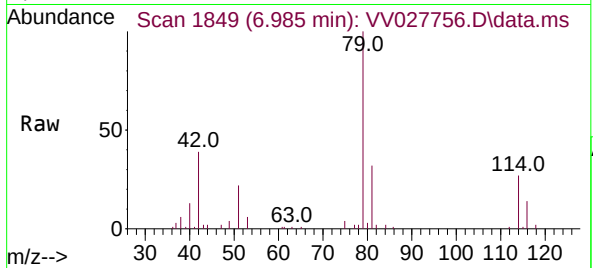
DBVD5DL

Tgt Ion: 75 Resp: 1414

Ion Ratio Lower Upper

75 100

77 41.0 22.0 40.8#



#50

1,2-Dibromoethane

Concen: 0.068 ug/L

RT: 8.320 min Scan# 2264

Delta R.T. -0.042 min

Lab File: VV027756.D

Acq: 06 Sep 2022 21:18

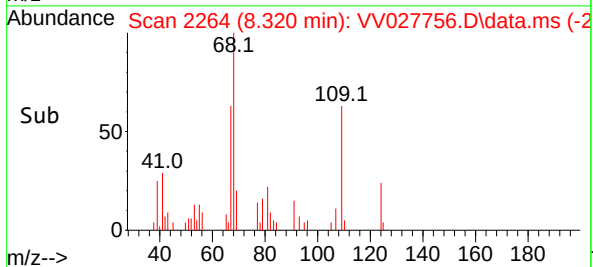
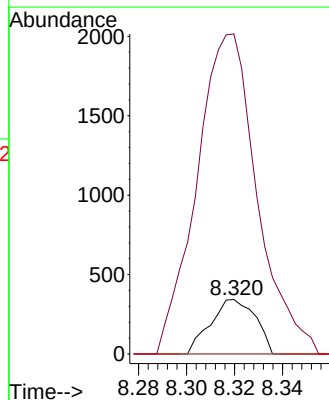
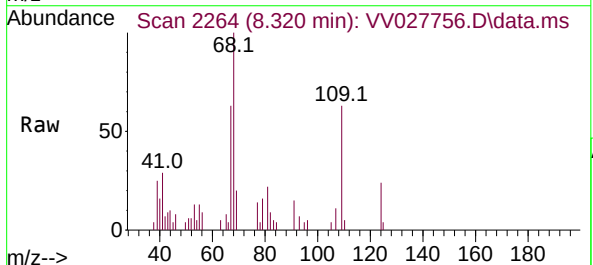
Tgt Ion: 107 Resp: 448

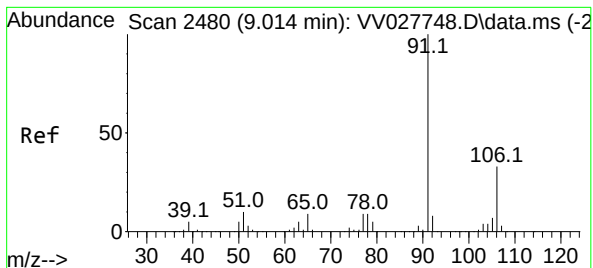
Ion Ratio Lower Upper

107 100

109 587.5 65.9 122.5#

188 0.0 3.1 4.7#





#52

Ethylbenzene

Concen: 0.082 ug/L

RT: 9.146 min Scan# 2

Delta R.T. 0.132 min

Lab File: VV027756.D

Acq: 06 Sep 2022 21:18

Instrument :

MSVOA_V

ClientSampleId :

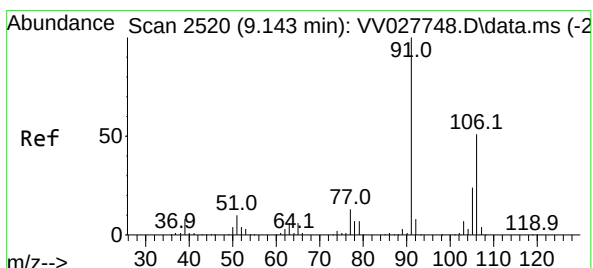
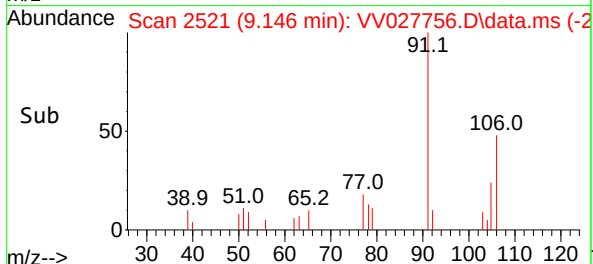
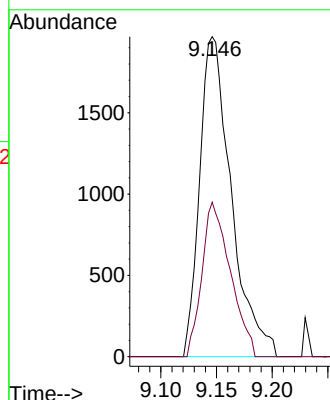
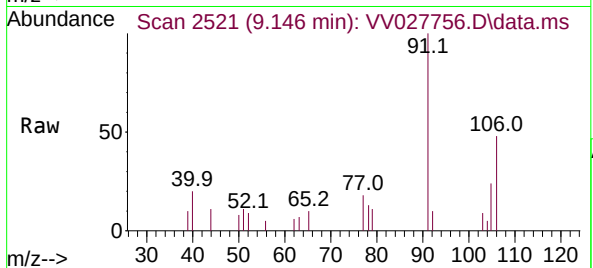
DBVD5DL

Tgt Ion: 91 Resp: 3885

Ion Ratio Lower Upper

91 100

106 48.3 22.0 40.8#



#53

m,p-Xylene

Concen: 0.090 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VV027756.D

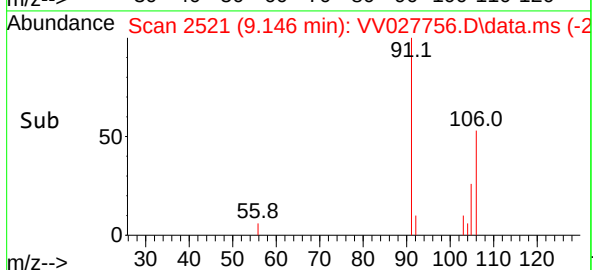
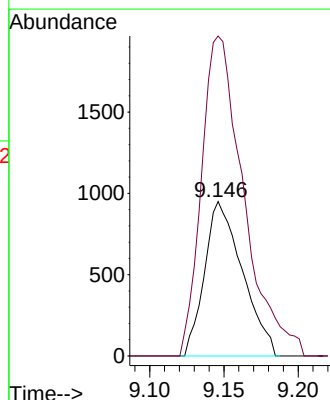
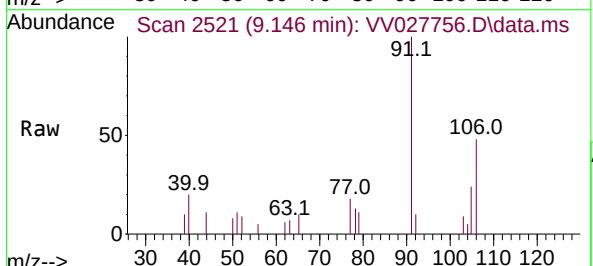
Acq: 06 Sep 2022 21:18

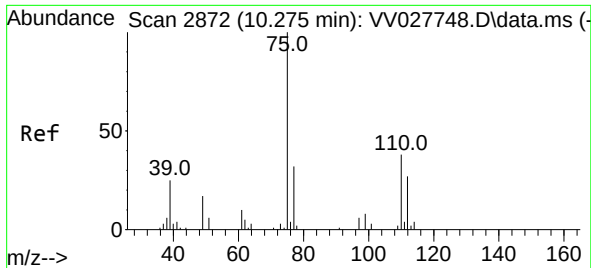
Tgt Ion: 106 Resp: 1683

Ion Ratio Lower Upper

106 100

91 207.2 142.4 264.4





#61

1,2,3-Trichloropropane

Concen: 1.209 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV027756.D

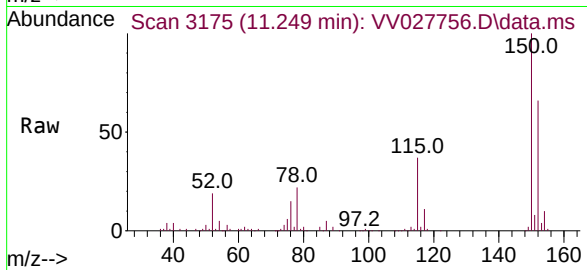
Acq: 06 Sep 2022 21:18

Instrument :

MSVOA_V

ClientSampleId :

DBVD5DL



Tgt Ion: 75 Resp: 6144

Ion Ratio Lower Upper

75 100

77 39.5 27.6 41.4

110 1.2 35.6 53.4#

