

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027228.D
 Acq On : 05 Aug 2022 16:32
 Operator : SY/MD
 Sample : N4021-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D67

Quant Time: Aug 06 04:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

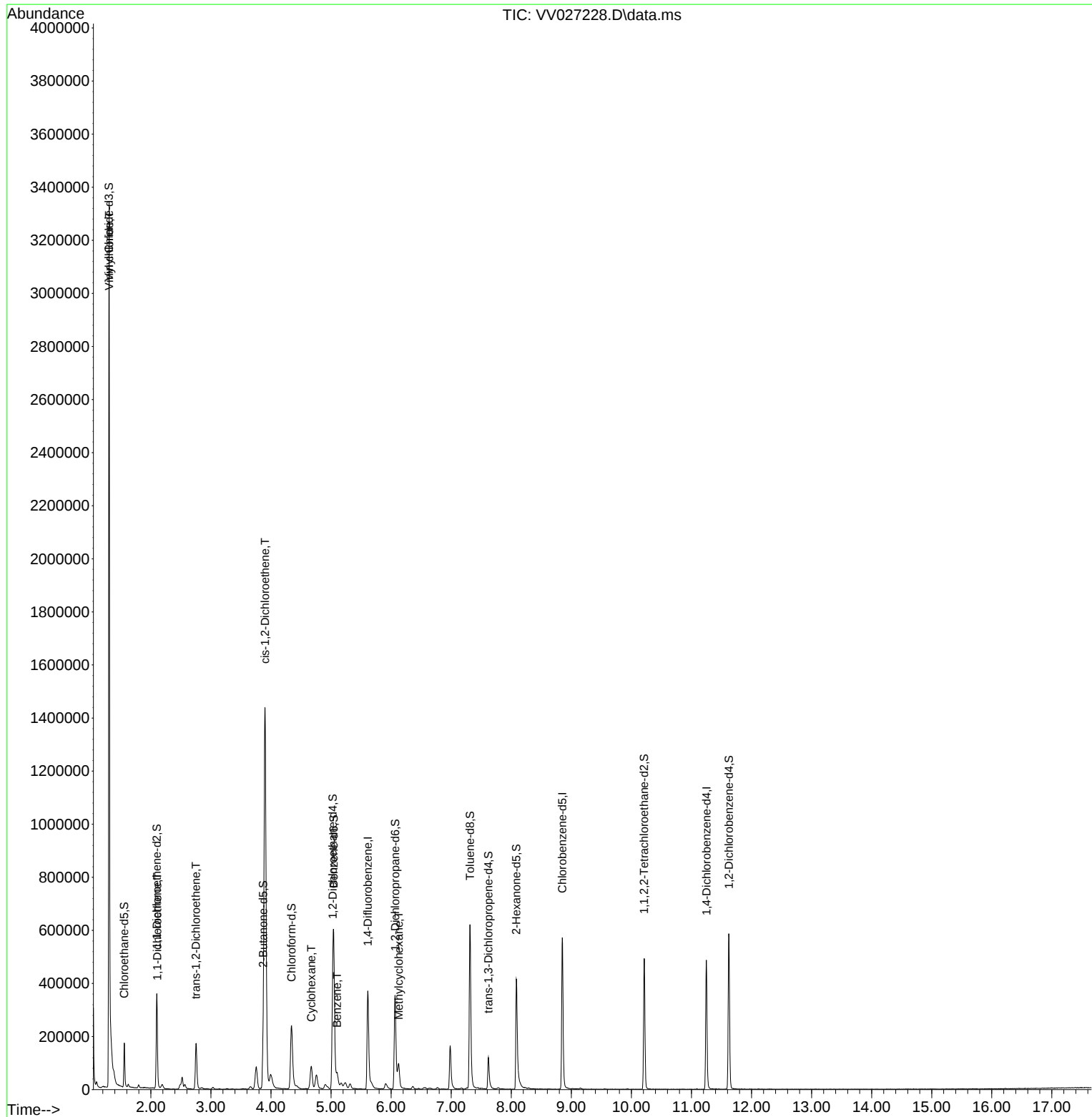
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	317784	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	309895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	120164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	160016	73.856	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	147.720%#	
7) Chloroethane-d5	1.558	69	112726	71.170	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	142.340%#	
11) 1,1-Dichloroethene-d2	2.098	63	187609	47.340	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	94.680%	
21) 2-Butanone-d5	3.870	46	214291	111.117	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	111.120%	
24) Chloroform-d	4.343	84	243640	54.899	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	5.027	65	170852	62.005	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	124.020%	
32) Benzene-d6	5.043	84	510257	68.662	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	137.320%#	
36) 1,2-Dichloropropane-d6	6.066	67	180665	68.343	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	136.680%#	
41) Toluene-d8	7.313	98	419639	66.247	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	132.500%#	
43) trans-1,3-Dichloroprop...	7.619	79	69254	60.103	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	120.200%	
47) 2-Hexanone-d5	8.085	63	135600	106.502	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	106.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	233819	54.276	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	108.560%	
66) 1,2-Dichlorobenzene-d4	11.622	152	147200	70.936	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	141.880%#	
Target Compounds						
5) Vinyl chloride	1.304	62	2190111	680.740	ug/L	99
12) 1,1-Dichloroethene	2.108	96	5706	2.591	ug/L #	1
17) trans-1,2-Dichloroethene	2.751	96	48909	20.072	ug/L	92
20) cis-1,2-Dichloroethene	3.902	96	757641	299.312	ug/L	85
29) Cyclohexane	4.670	56	40027	11.215	ug/L	88
33) Benzene	5.098	78	38610	3.877	ug/L	100
35) Methylcyclohexane	6.127	83	31725	8.461	ug/L #	79

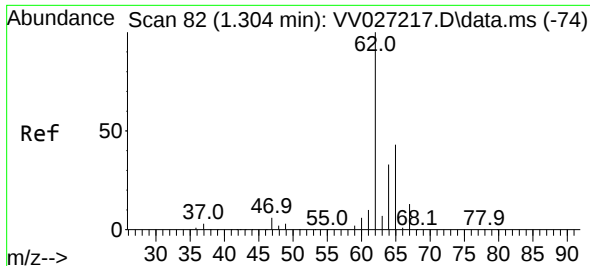
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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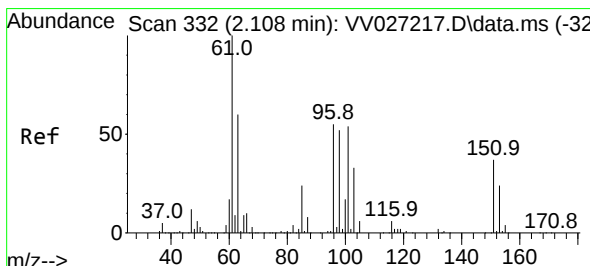
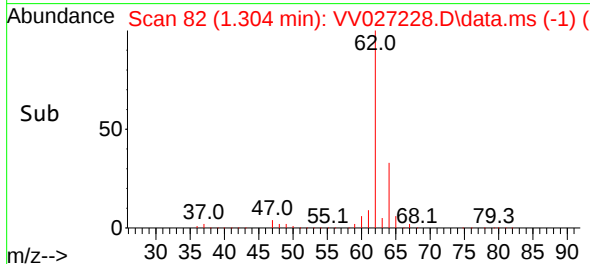
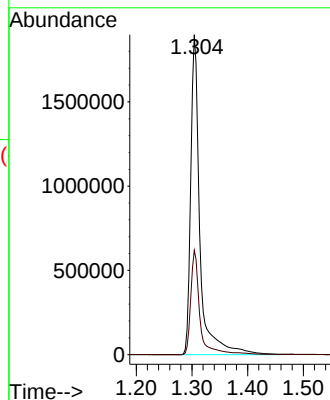
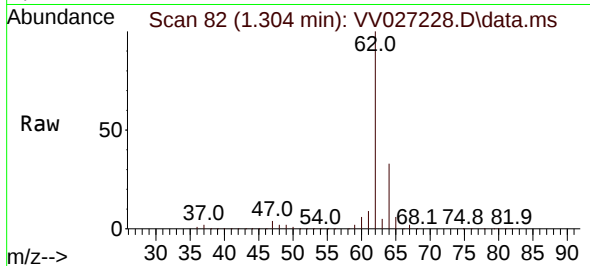




#5
 Vinyl chloride
 Concen: 680.740 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027228.D
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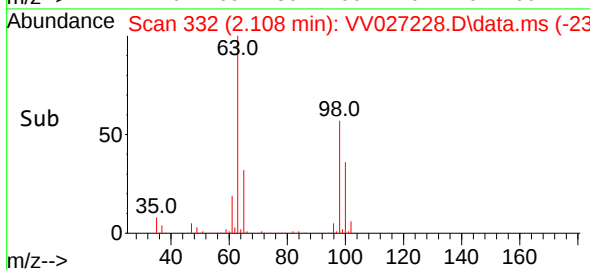
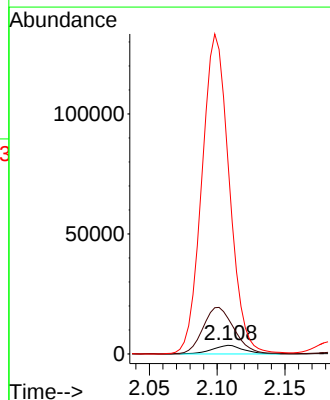
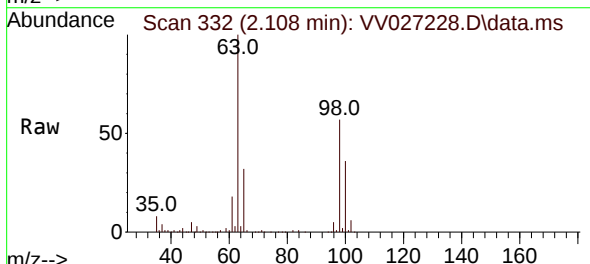
Instrument :
 MSVOA_V
 ClientSampleId :
 F5D67

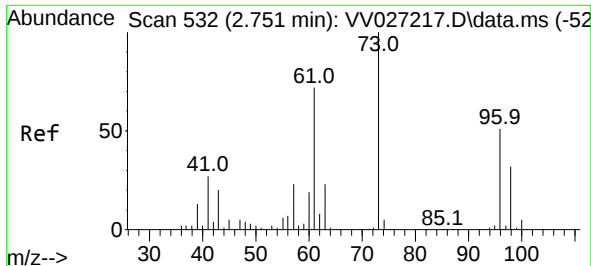
Tgt Ion: 62 Resp: 2190111
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 2.591 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VV027228.D
 Acq: 05 Aug 2022 16:32

Tgt Ion: 96 Resp: 5706
 Ion Ratio Lower Upper
 96 100
 61 410.7 114.3 212.3#
 63 2221.1 93.4 173.4#

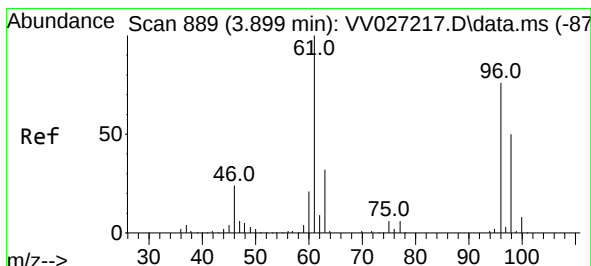
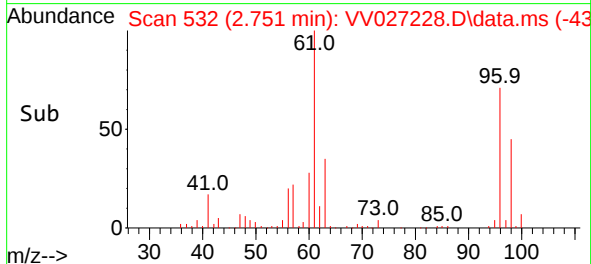
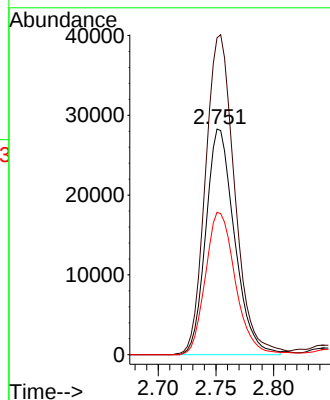
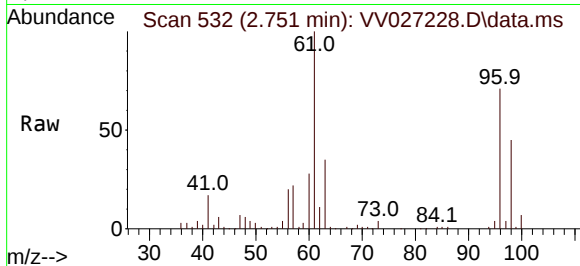




#17
trans-1,2-Dichloroethene
Concen: 20.072 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

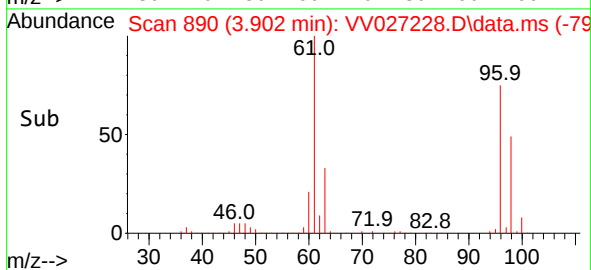
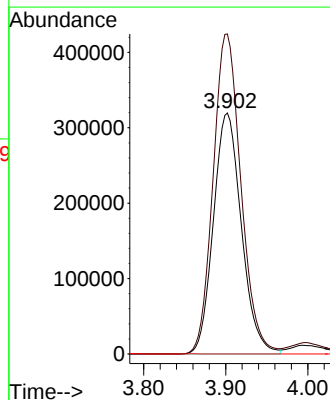
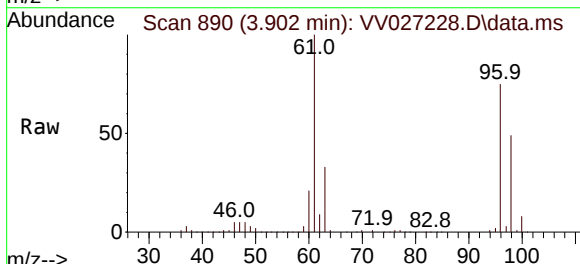
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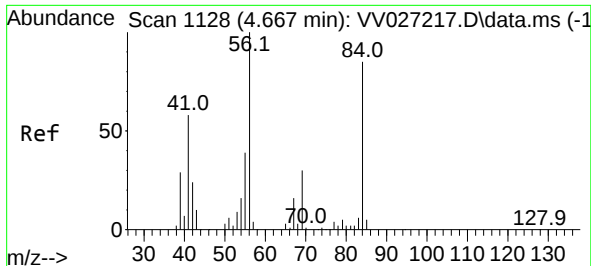
Tgt Ion: 96 Resp: 48909
Ion Ratio Lower Upper
96 100
61 140.4 89.2 165.6
98 63.1 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 299.312 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Tgt Ion: 96 Resp: 757641
Ion Ratio Lower Upper
96 100
61 132.8 81.8 151.8
68 0.0 0.0 0.0

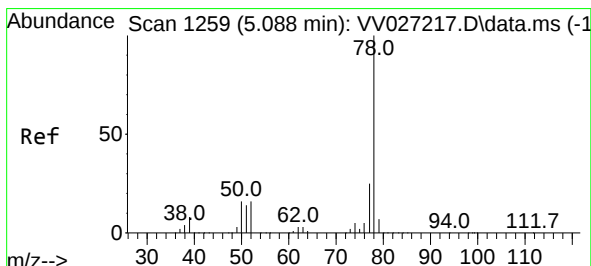
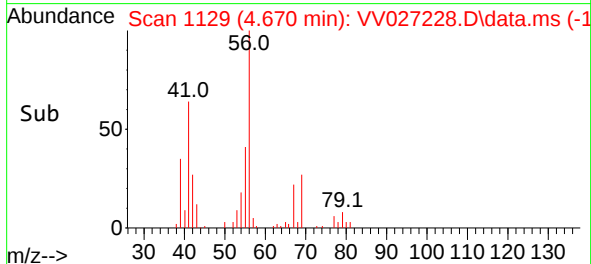
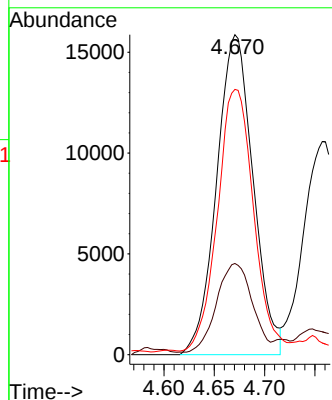
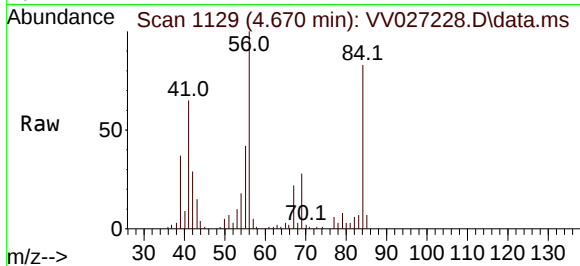




#29
Cyclohexane
Concen: 11.215 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

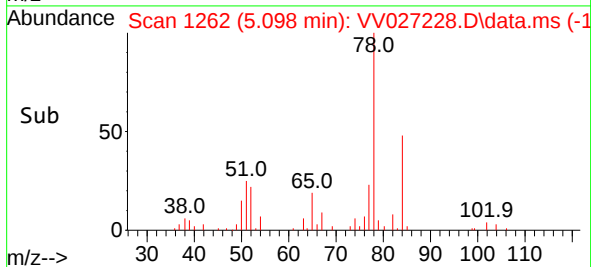
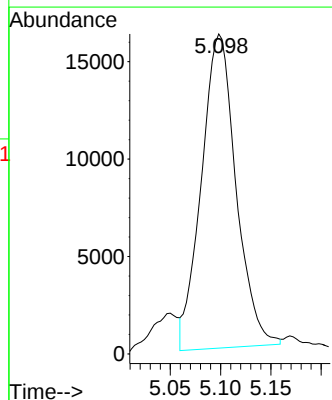
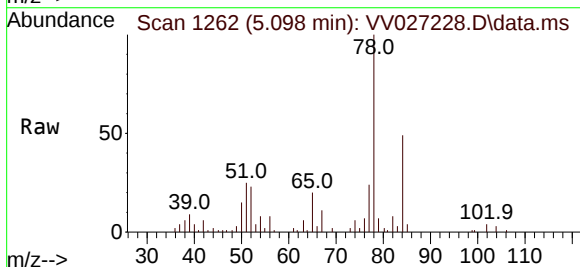
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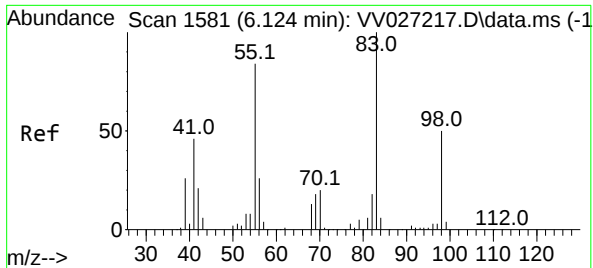
Tgt Ion: 56 Resp: 40027
Ion Ratio Lower Upper
56 100
69 27.2 25.9 38.9
84 81.4 75.3 112.9



#33
Benzene
Concen: 3.877 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV027228.D
Acq: 05 Aug 2022 16:32

Tgt Ion: 78 Resp: 38610





#35
 Methylcyclohexane
 Concen: 8.461 ug/L
 RT: 6.127 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV027228.D
 Acq: 05 Aug 2022 16:32

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D67

Tgt Ion: 83 Resp: 31725
 Ion Ratio Lower Upper
 83 100
 55 94.3 55.5 83.3#
 98 43.2 39.0 58.4

