

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031576.D
 Acq On : 16 Jun 2023 15:10
 Operator : SY/MD
 Sample : 03249-06DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS8DL

Quant Time: Jun 17 02:29:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

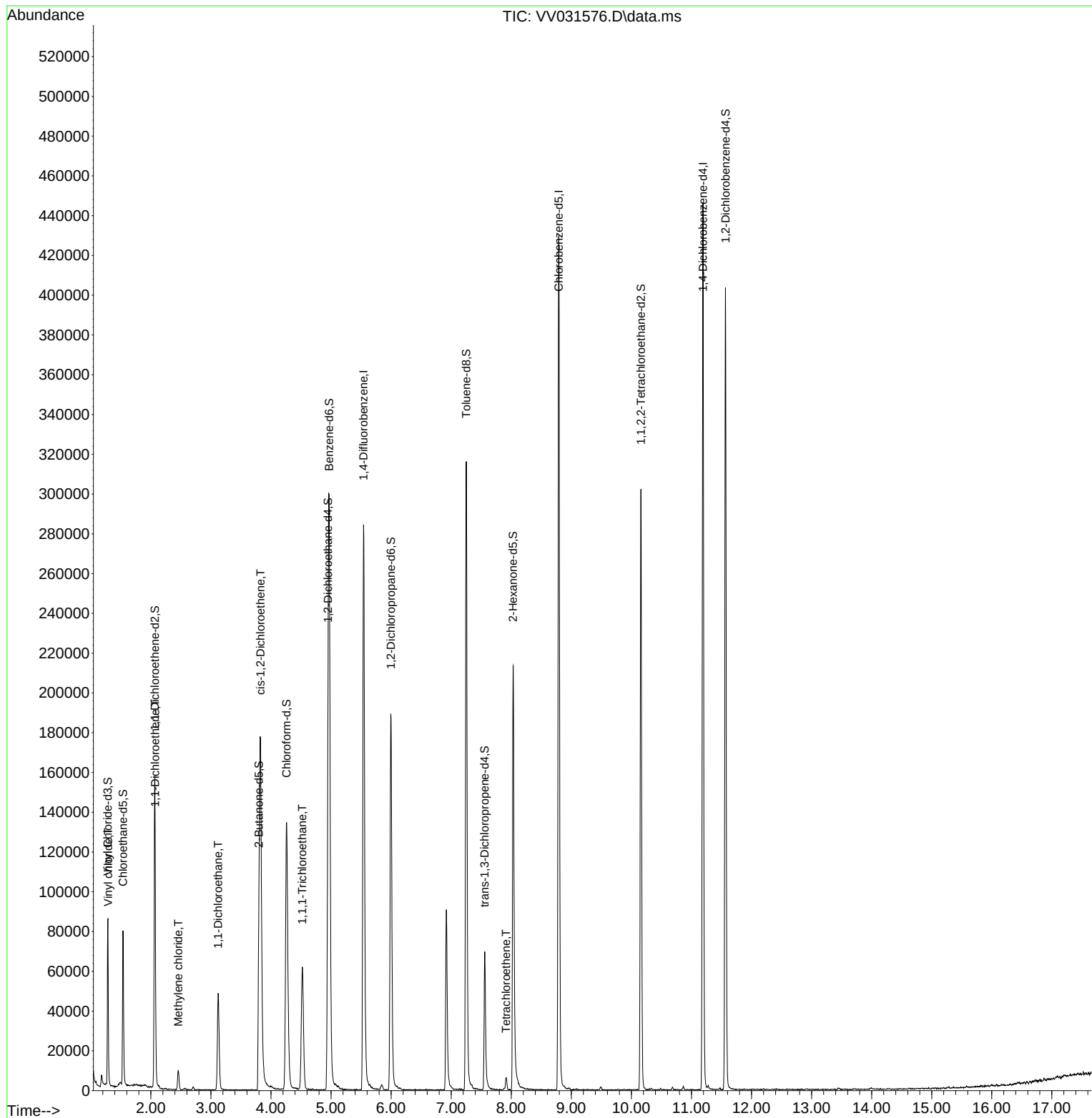
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	232448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228793	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	113018	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48439	31.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.620%
7) Chloroethane-d5	1.535	69	51171	37.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.820%
11) 1,1-Dichloroethene-d2	2.066	65	26857	33.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.360%
21) 2-Butanone-d5	3.799	46	107101	85.499	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.500%
24) Chloroform-d	4.259	84	147105	37.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.940%
26) 1,2-Dichloroethane-d4	4.950	65	100309	41.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.760%
32) Benzene-d6	4.969	84	255222	39.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.260%
36) 1,2-Dichloropropane-d6	5.995	67	94145	41.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.500%
41) Toluene-d8	7.249	98	216023	36.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.100%#
43) trans-1,3-Dichloroprop...	7.558	79	43500	39.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.180%
47) 2-Hexanone-d5	8.030	63	77032	85.475	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.470%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142878	41.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.940%
66) 1,2-Dichlorobenzene-d4	11.567	152	97914	45.450	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	7450	3.230	ug/L #	74
12) 1,1-Dichloroethene	2.072	96	1771	1.030	ug/L #	1
16) Methylene chloride	2.458	84	4209	1.952	ug/L	93
19) 1,1-Dichloroethane	3.121	63	50242	12.966	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	79125	40.782	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	53827	14.674	ug/L	98
46) Tetrachloroethene	7.915	164	1084	0.679	ug/L	87

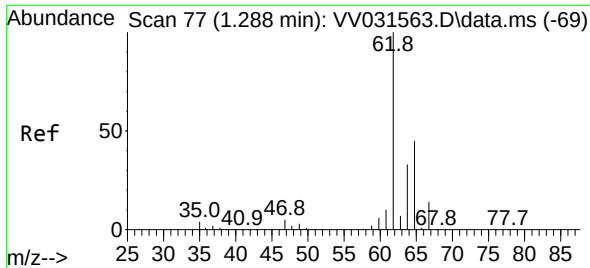
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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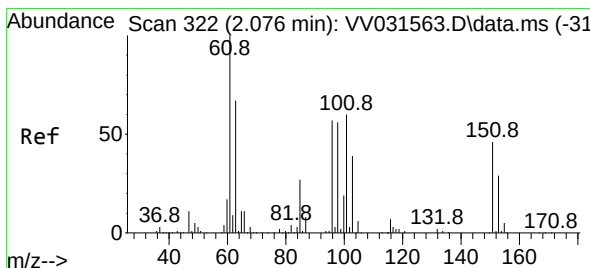
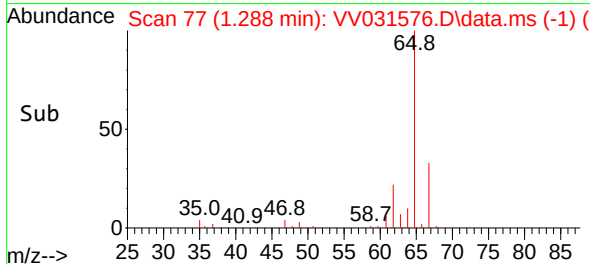
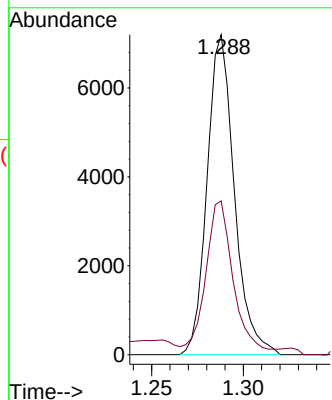
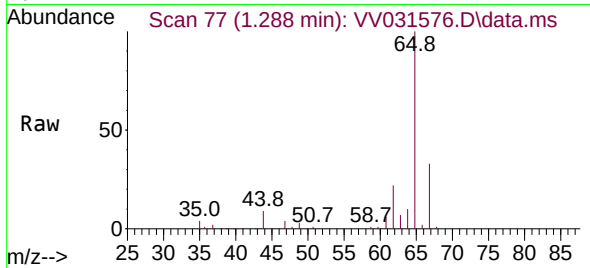




#5
 Vinyl chloride
 Concen: 3.230 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031576.D
 Acq: 16 Jun 2023 15:10

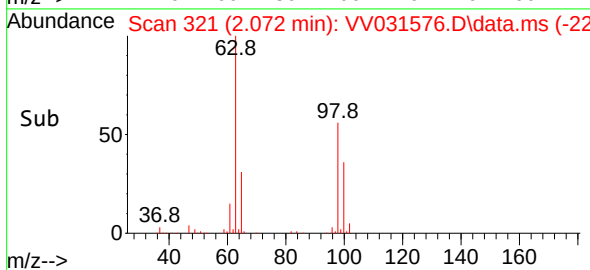
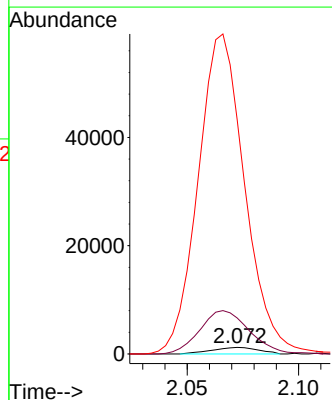
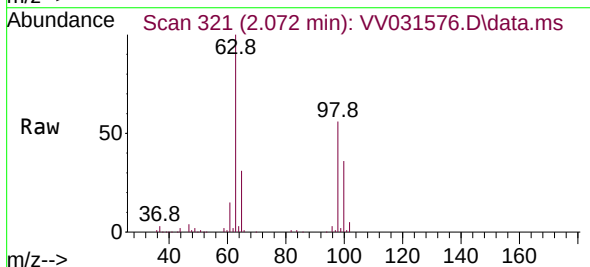
Instrument :
 MSVOA_V
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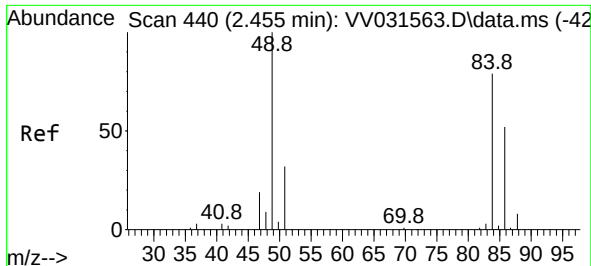
Tgt Ion: 62 Resp: 7450
 Ion Ratio Lower Upper
 62 100
 64 48.0 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 1.030 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV031576.D
 Acq: 16 Jun 2023 15:10

Tgt Ion: 96 Resp: 1771
 Ion Ratio Lower Upper
 96 100
 61 550.1 128.9 239.5#
 63 3574.6 95.3 177.1#

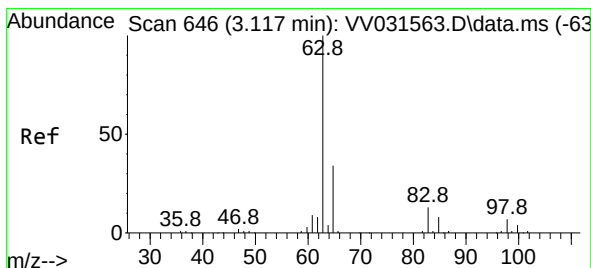
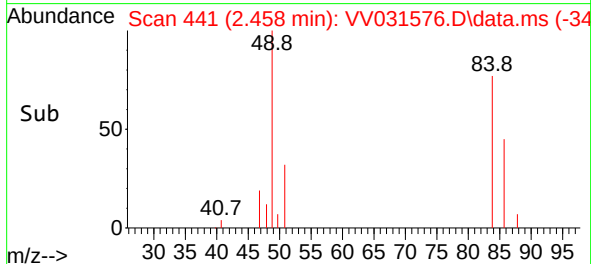
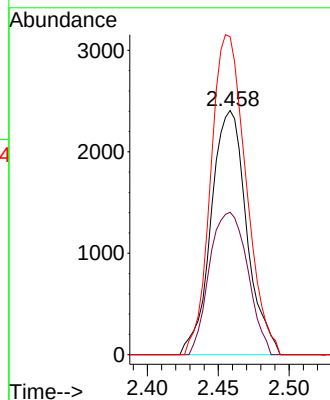
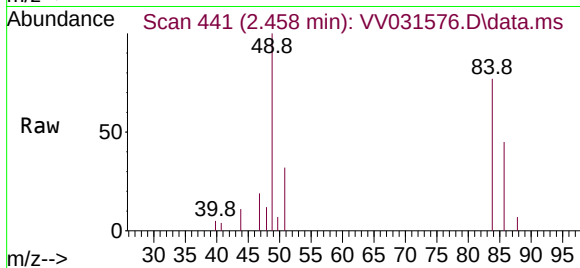




#16
Methylene chloride
Concen: 1.952 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV031576.D
Acq: 16 Jun 2023 15:10

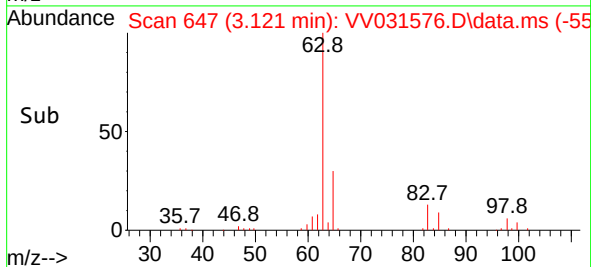
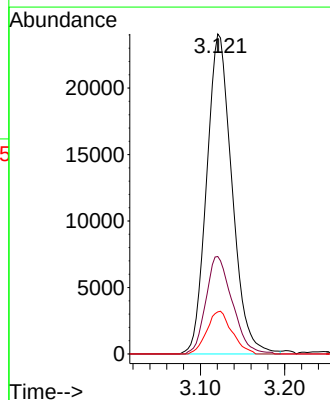
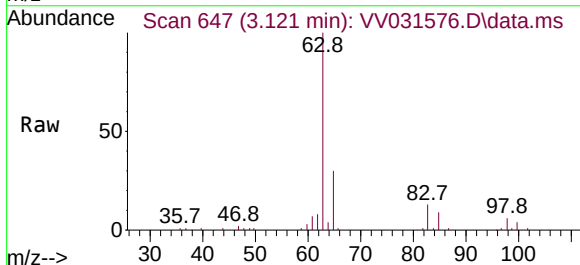
Instrument :
MSVOA_V
ClientSampleId :
EXYS8DL

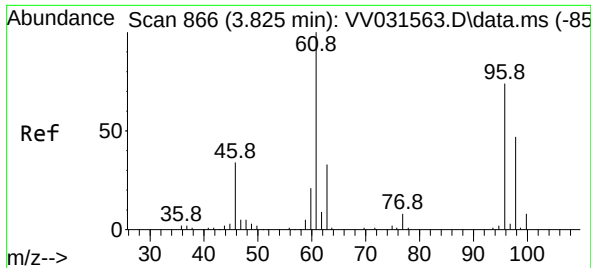
Tgt Ion: 84 Resp: 4209
Ion Ratio Lower Upper
84 100
86 58.3 45.8 85.0
49 138.8 92.1 171.1



#19
1,1-Dichloroethane
Concen: 12.966 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV031576.D
Acq: 16 Jun 2023 15:10

Tgt Ion: 63 Resp: 50242
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.7
83 13.2 10.0 18.6

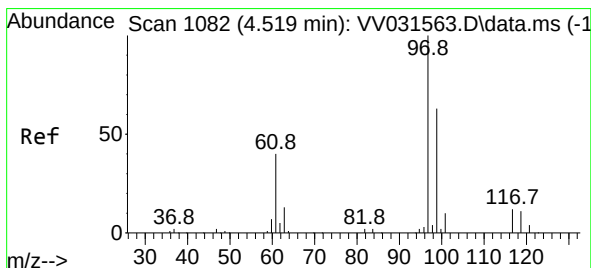
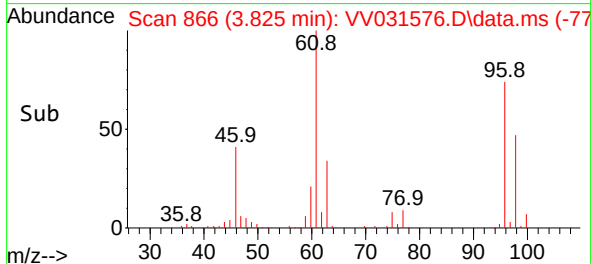
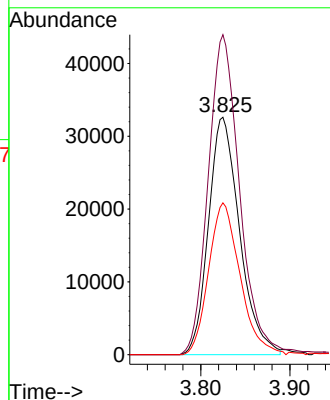
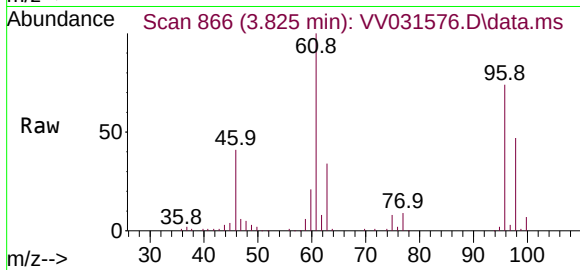




#20
 cis-1,2-Dichloroethene
 Concen: 40.782 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV031576.D
 Acq: 16 Jun 2023 15:10

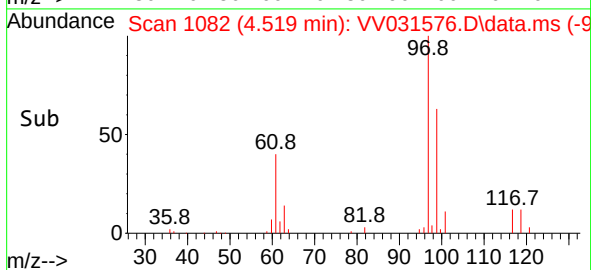
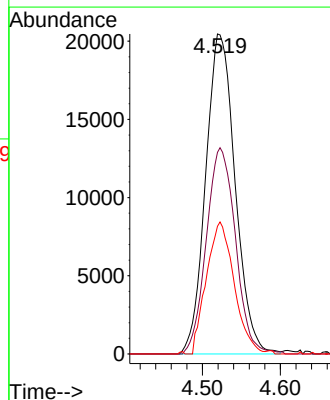
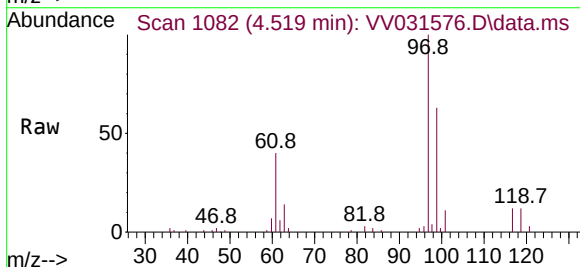
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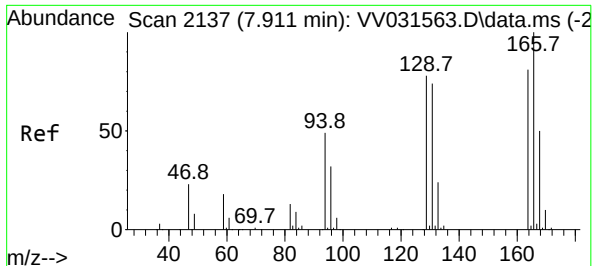
Tgt Ion: 96 Resp: 79125
 Ion Ratio Lower Upper
 96 100
 61 134.8 98.6 183.0
 98 63.9 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 14.674 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.000 min
 Lab File: VV031576.D
 Acq: 16 Jun 2023 15:10

Tgt Ion: 97 Resp: 53827
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.8 77.6
 61 38.8 33.0 49.6





#46
 Tetrachloroethene
 Concen: 0.679 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031576.D
 Acq: 16 Jun 2023 15:10

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS8DL

Tgt Ion:164 Resp: 1084

Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.4	127.0
131	69.6	67.6	125.6
166	119.7	91.3	169.5

