

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031577.D
 Acq On : 16 Jun 2023 15:33
 Operator : SY/MD
 Sample : 03249-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS9

Quant Time: Jun 17 02:30:00 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)

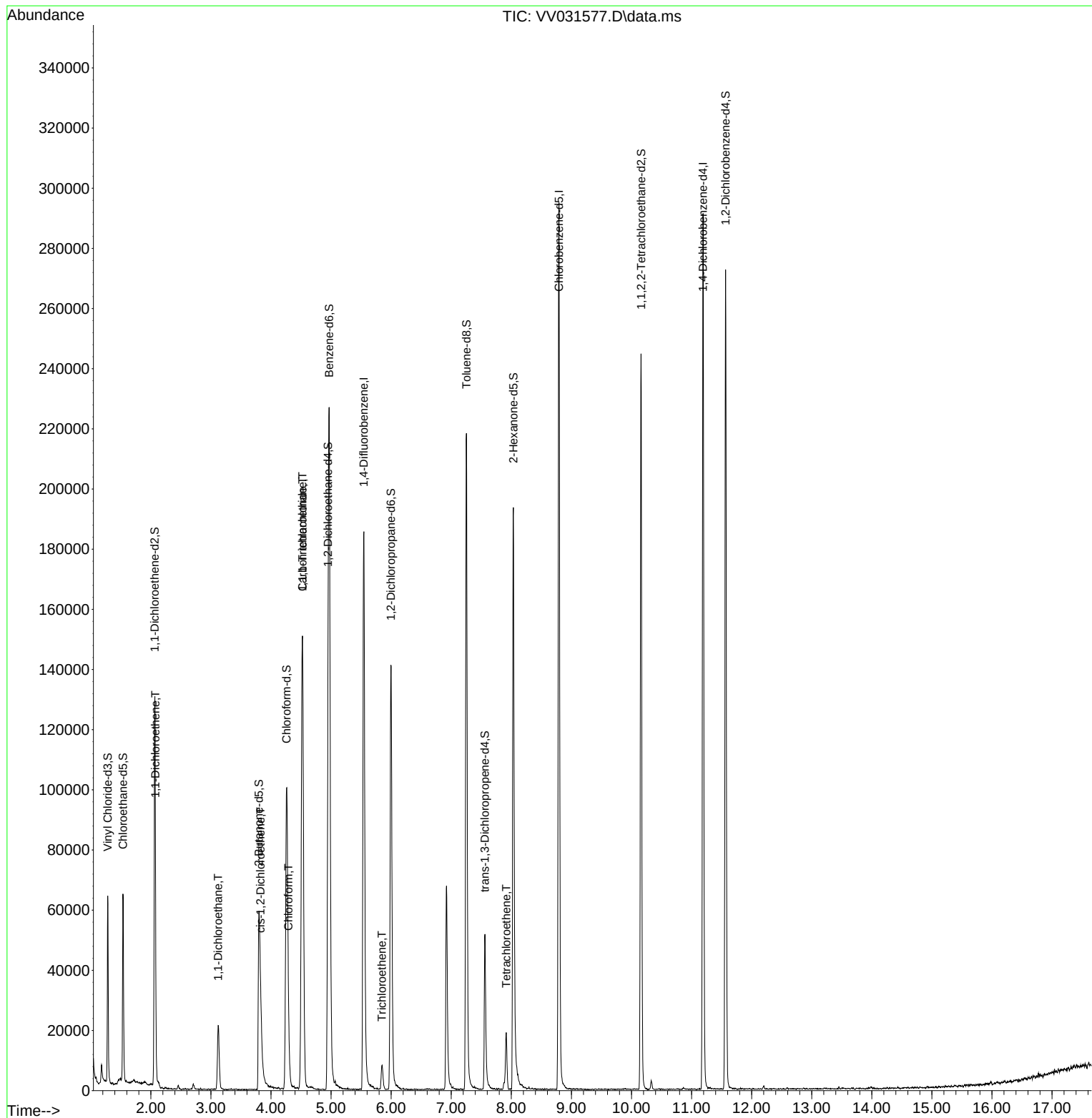
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	154964	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	161055	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	75620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	40210	38.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.980%
7) Chloroethane-d5	1.535	69	40885	45.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.860%
11) 1,1-Dichloroethene-d2	2.066	65	22233	41.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.660%
21) 2-Butanone-d5	3.799	46	101737	121.826	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.830%
24) Chloroform-d	4.259	84	111772	43.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.540%
26) 1,2-Dichloroethane-d4	4.950	65	78758	48.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
32) Benzene-d6	4.969	84	188416	41.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.120%
36) 1,2-Dichloropropane-d6	5.995	67	71576	44.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.100%
41) Toluene-d8	7.252	98	150890	36.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.540%#
43) trans-1,3-Dichloroprop...	7.558	79	32723	41.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.560%
47) 2-Hexanone-d5	8.034	63	68494	107.966	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.970%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	118675	48.933	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.860%
66) 1,2-Dichlorobenzene-d4	11.567	152	67416	46.770	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	5018	4.376	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	22823	8.835	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	2857	2.209	ug/L	96
25) Chloroform	4.288	83	8425	3.137	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	133566	51.726	ug/L	99
31) Carbon tetrachloride	4.523	117	15428	6.743	ug/L	99
34) Trichloroethene	5.844	95	2747	1.917	ug/L #	72
46) Tetrachloroethene	7.915	164	4021	3.576	ug/L	97

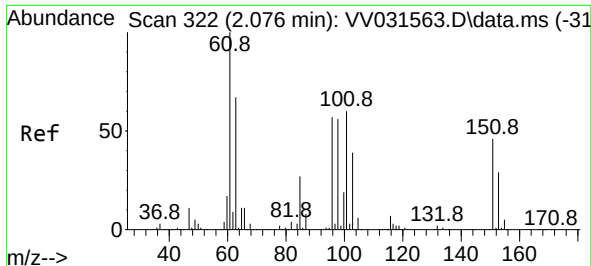
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 17 02:08:04 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.376 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031577.D

Acq: 16 Jun 2023 15:33

Instrument :

MSVOA_V

ClientSampleId :

EXYS9

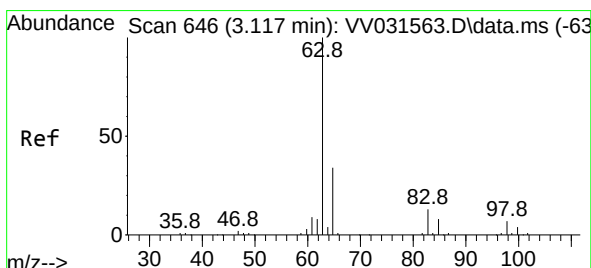
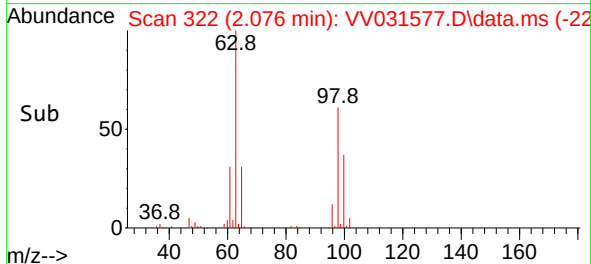
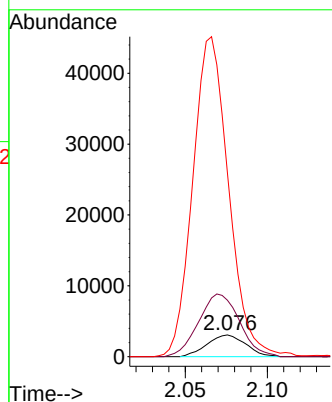
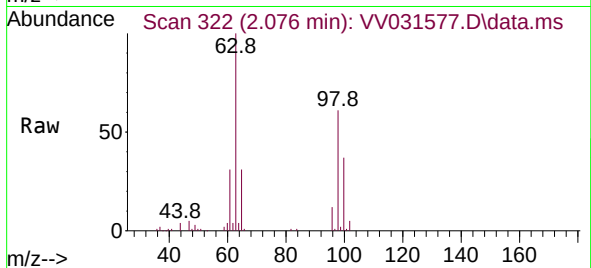
Tgt Ion: 96 Resp: 5018

Ion Ratio Lower Upper

96 100

61 233.0 128.9 239.5

63 759.3 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 8.835 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031577.D

Acq: 16 Jun 2023 15:33

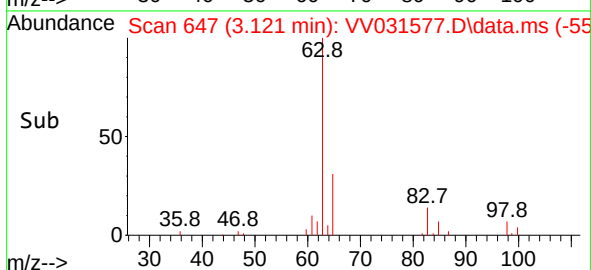
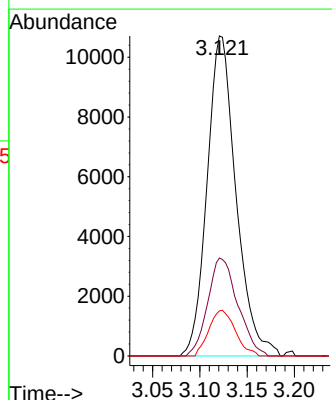
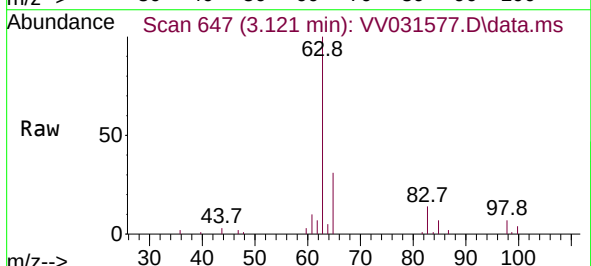
Tgt Ion: 63 Resp: 22823

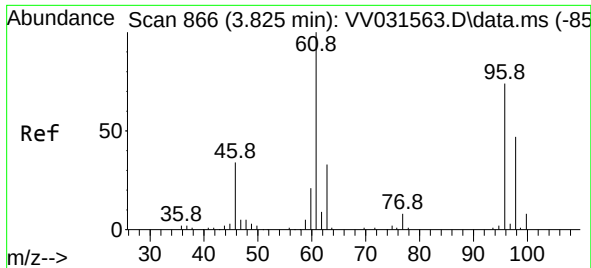
Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.7

83 14.1 10.0 18.6

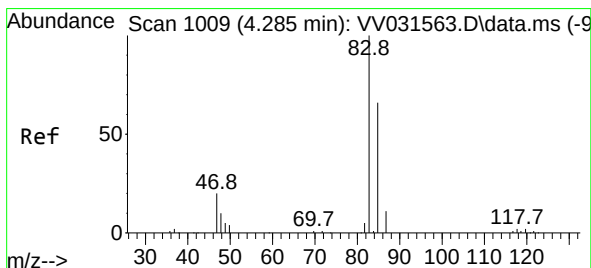
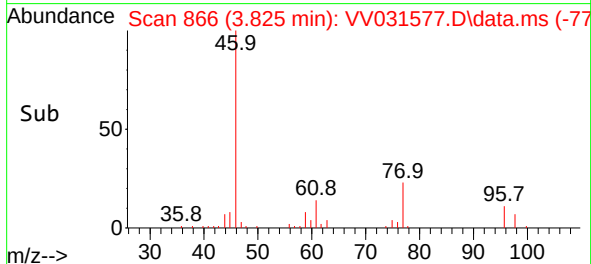
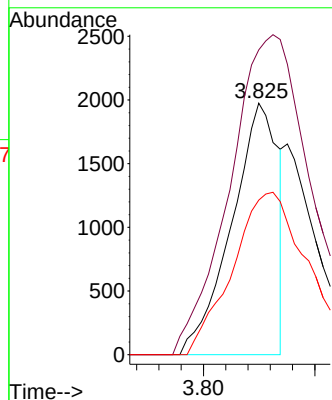
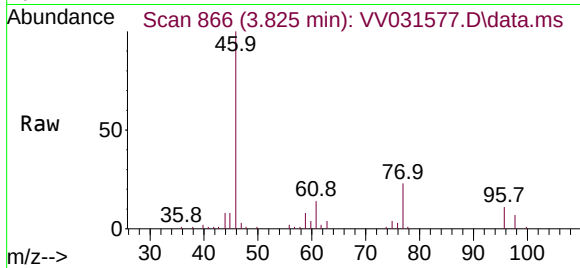




#20
cis-1,2-Dichloroethene
Concen: 2.209 ug/L
RT: 3.825 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV031577.D
Acq: 16 Jun 2023 15:33

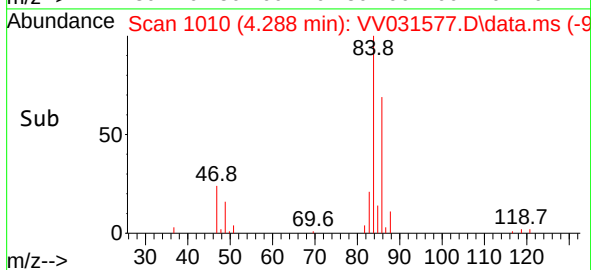
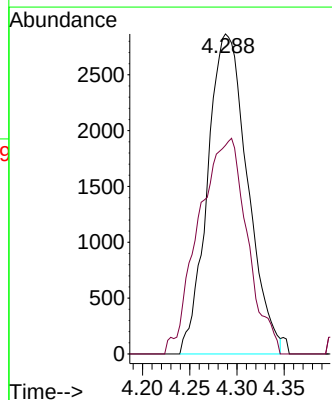
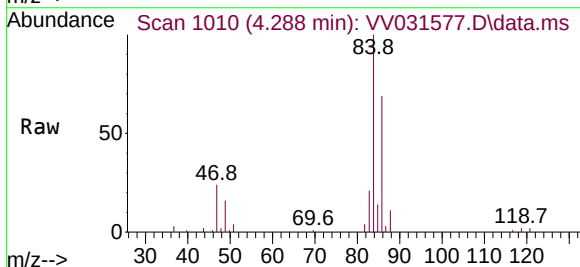
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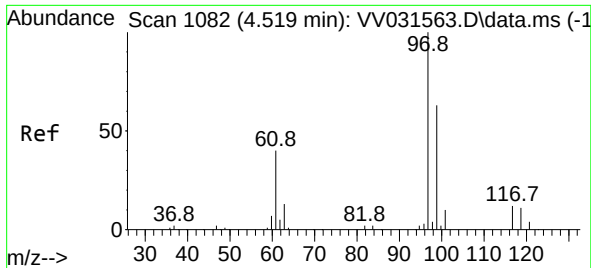
Tgt Ion: 96 Resp: 2857
Ion Ratio Lower Upper
96 100
61 137.1 98.6 183.0
98 61.5 45.7 84.9



#25
Chloroform
Concen: 3.137 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VV031577.D
Acq: 16 Jun 2023 15:33

Tgt Ion: 83 Resp: 8425
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1

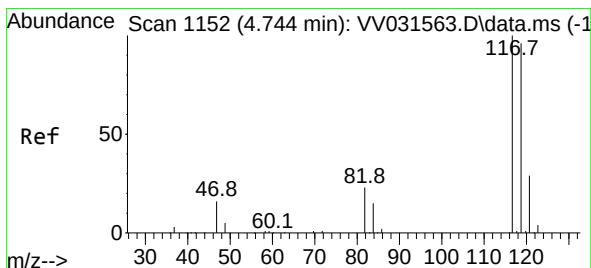
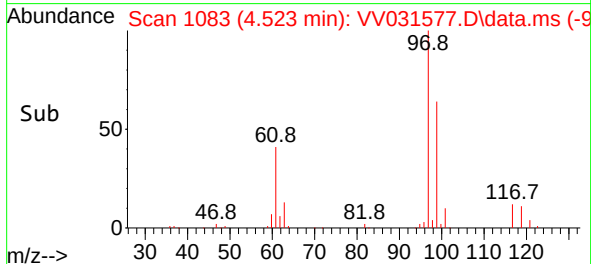
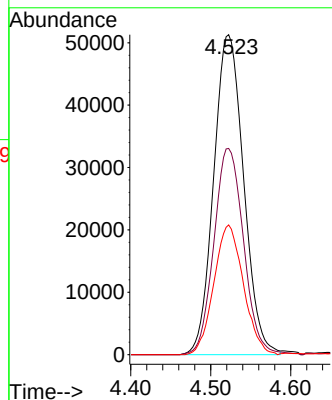
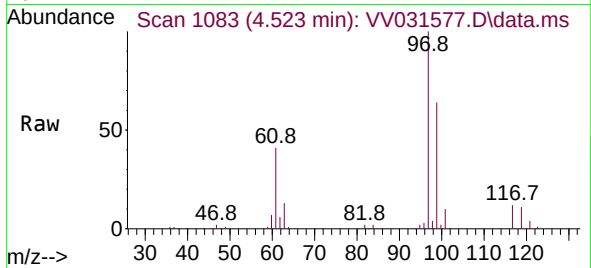




#30
1,1,1-Trichloroethane
Concen: 51.726 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV031577.D
Acq: 16 Jun 2023 15:33

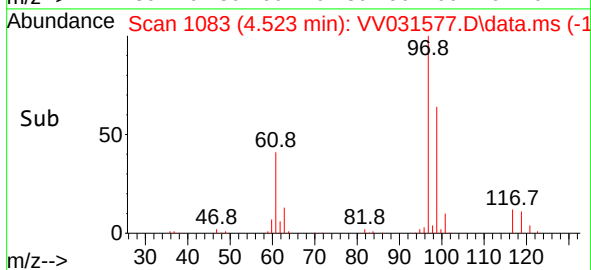
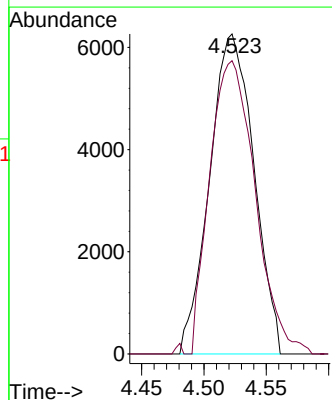
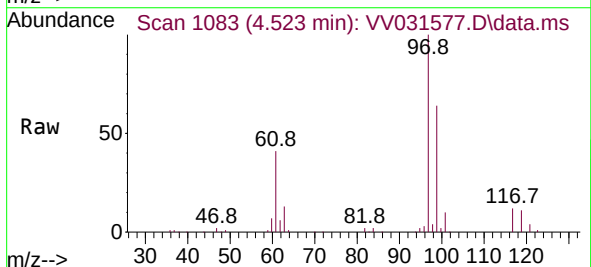
Instrument :
MSVOA_V
ClientSampleId :
EXYS9

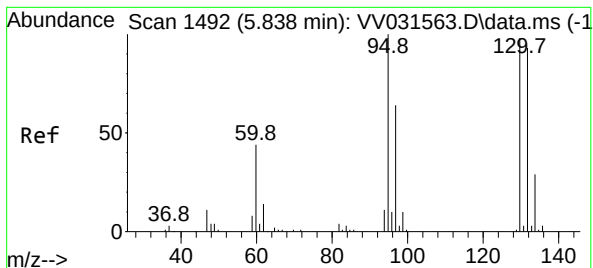
Tgt Ion: 97 Resp: 133566
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 40.0 33.0 49.6



#31
Carbon tetrachloride
Concen: 6.743 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV031577.D
Acq: 16 Jun 2023 15:33

Tgt Ion: 117 Resp: 15428
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.4





#34

Trichloroethene

Concen: 1.917 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031577.D

Acq: 16 Jun 2023 15:33

Instrument :

MSVOA_V

ClientSampleId :

EXYS9

Tgt Ion: 95 Resp: 2747

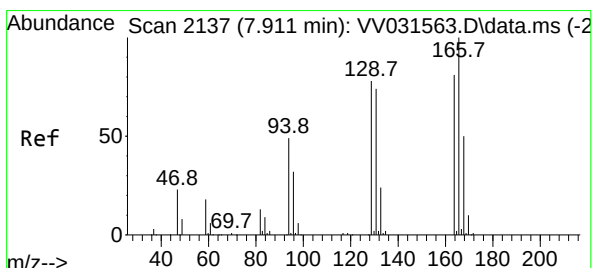
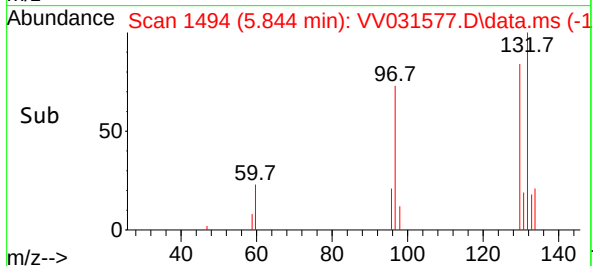
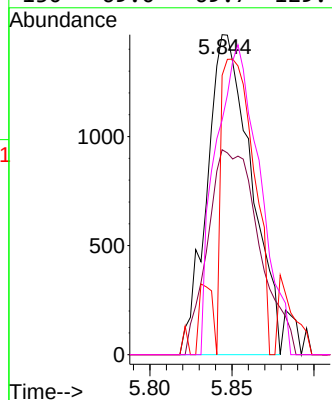
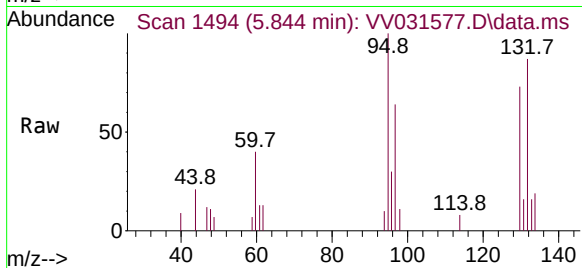
Ion Ratio Lower Upper

95 100

97 49.3 46.8 86.8

132 67.2 66.4 123.2

130 69.0 69.7 129.4#



#46

Tetrachloroethene

Concen: 3.576 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031577.D

Acq: 16 Jun 2023 15:33

Tgt Ion:164 Resp: 4021

Ion Ratio Lower Upper

164 100

129 94.9 68.4 127.0

131 95.5 67.6 125.6

166 125.1 91.3 169.5

