

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031581.D
 Acq On : 16 Jun 2023 17:27
 Operator : SY/MD
 Sample : 03249-12DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT3DL

Quant Time: Jun 17 02:31:02 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)

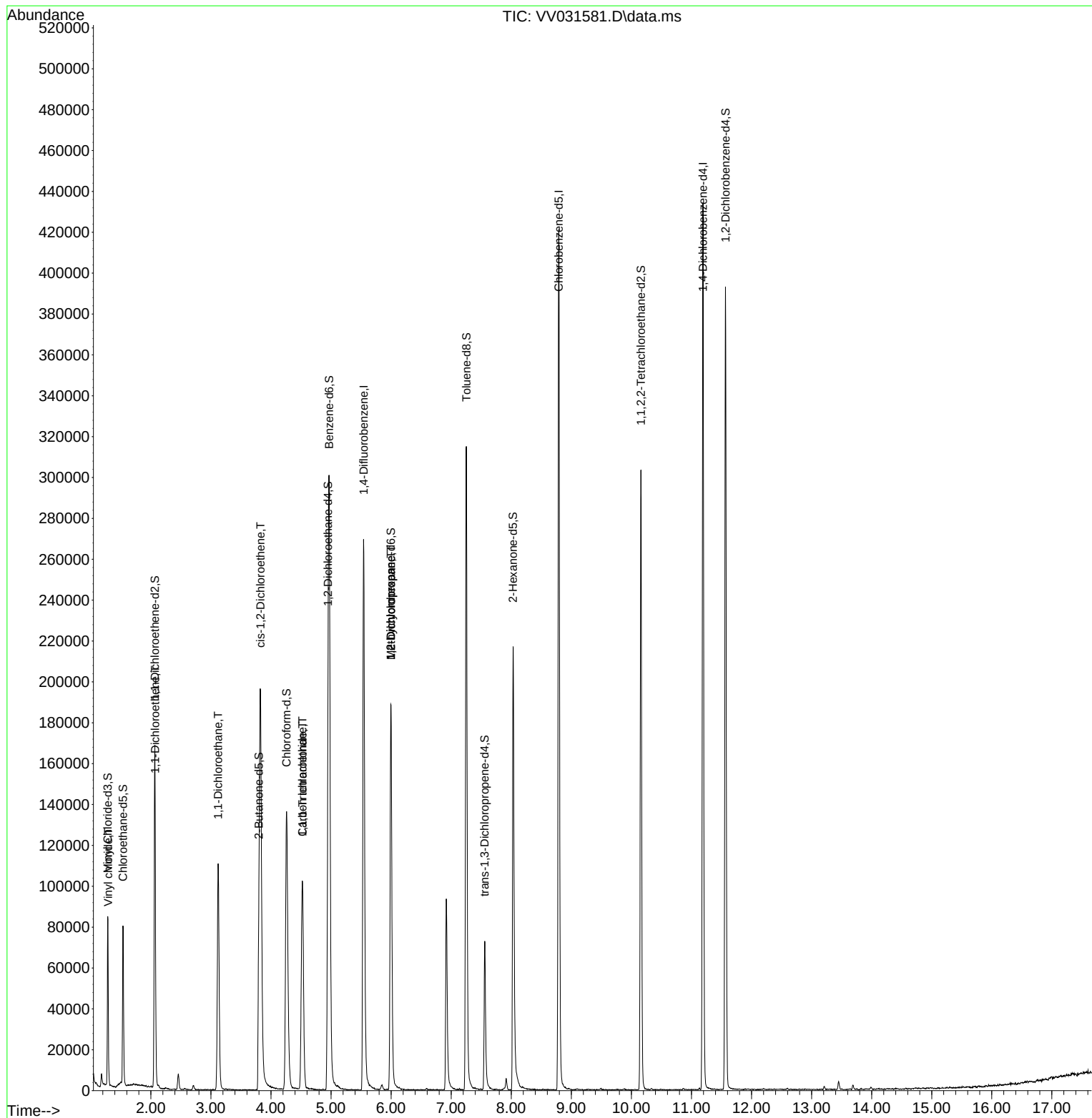
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223005	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	225186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	109299	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	52580	35.427	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	70.860%	
7) Chloroethane-d5	1.535	69	51574	39.826	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.660%	
11) 1,1-Dichloroethene-d2	2.066	65	27873	36.439	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.880%	
21) 2-Butanone-d5	3.799	46	110491	91.940	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.940%	
24) Chloroform-d	4.259	84	150383	40.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.920%	
26) 1,2-Dichloroethane-d4	4.950	65	102397	44.030	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.060%	
32) Benzene-d6	4.969	84	257911	40.690	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.380%	
36) 1,2-Dichloropropane-d6	5.995	67	95799	42.642	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	85.280%	
41) Toluene-d8	7.252	98	219866	37.800	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	75.600%#	
43) trans-1,3-Dichloroprop...	7.558	79	43104	39.358	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.720%	
47) 2-Hexanone-d5	8.030	63	76840	86.628	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.630%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	146735	43.272	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.540%	
66) 1,2-Dichlorobenzene-d4	11.567	152	99732	47.869	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.740%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	3217	1.454	ug/L #	79
12) 1,1-Dichloroethene	2.072	96	2612	1.583	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	113633	30.568	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	91240	49.017	ug/L	94
30) 1,1,1-Trichloroethane	4.522	97	91032	25.214	ug/L	97
31) Carbon tetrachloride	4.522	117	10312	3.224	ug/L	96
35) Methylcyclohexane	5.995	83	23697	8.028	ug/L #	16
37) 1,2-Dichloropropane	5.995	63	10753	4.884	ug/L #	89

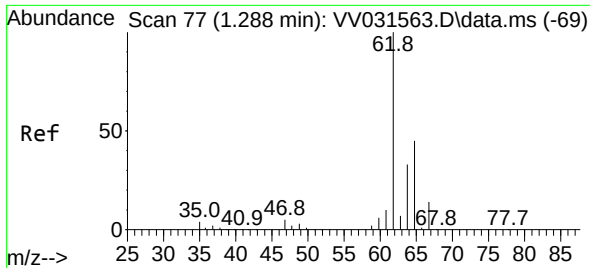
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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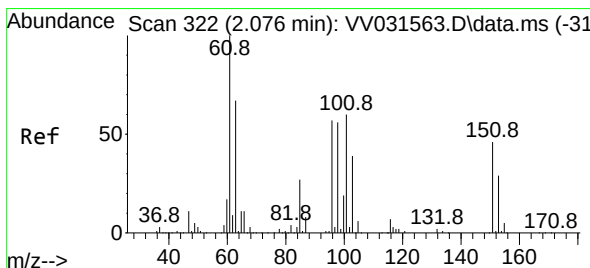
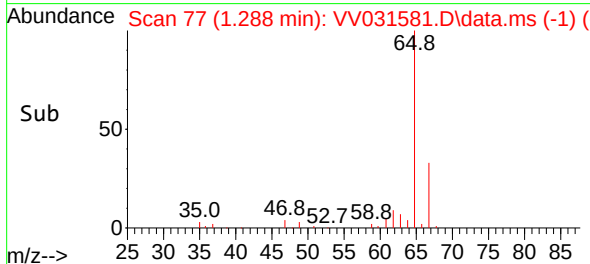
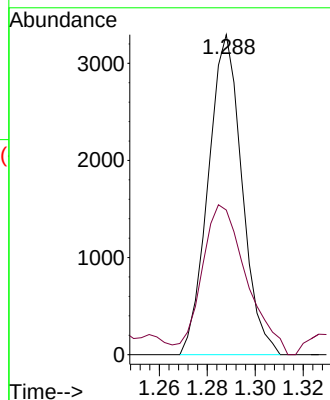
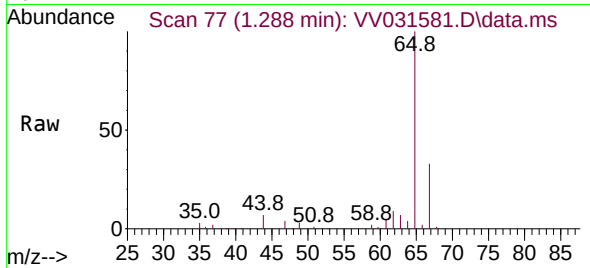




#5
 Vinyl chloride
 Concen: 1.454 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031581.D
 Acq: 16 Jun 2023 17:27

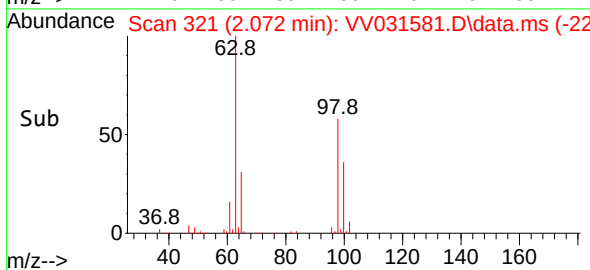
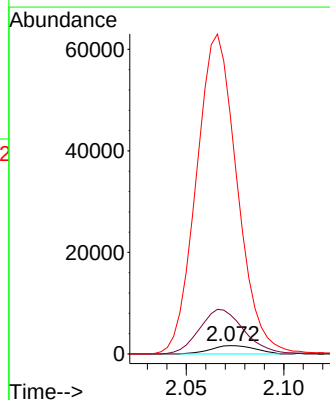
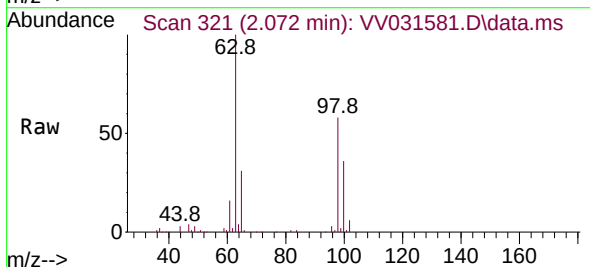
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT3DL

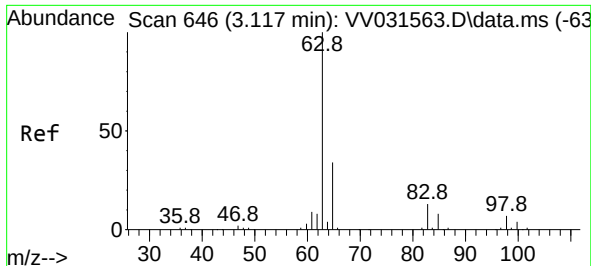
Tgt Ion: 62 Resp: 3217
 Ion Ratio Lower Upper
 62 100
 64 45.2 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 1.583 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV031581.D
 Acq: 16 Jun 2023 17:27

Tgt Ion: 96 Resp: 2612
 Ion Ratio Lower Upper
 96 100
 61 475.5 128.9 239.5#
 63 2898.0 95.3 177.1#





#19

1,1-Dichloroethane

Concen: 30.568 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031581.D

Acq: 16 Jun 2023 17:27

Instrument :

MSVOA_V

ClientSampleId :

EXYT3DL

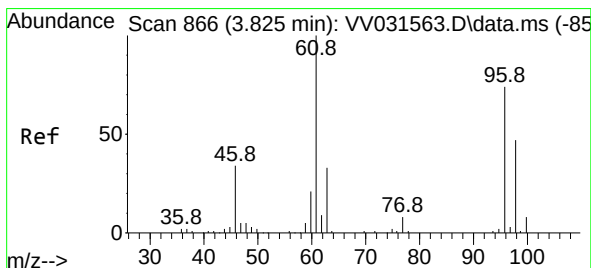
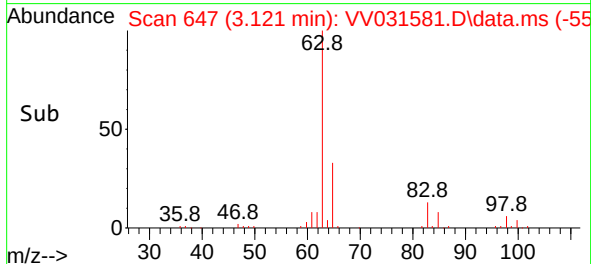
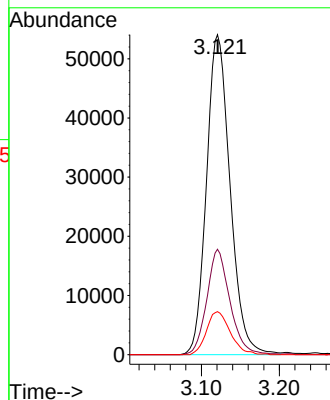
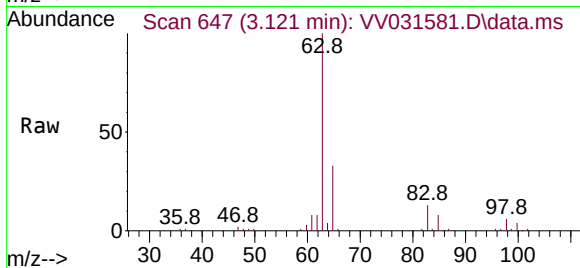
Tgt Ion: 63 Resp: 113633

Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.7

83 14.1 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 49.017 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031581.D

Acq: 16 Jun 2023 17:27

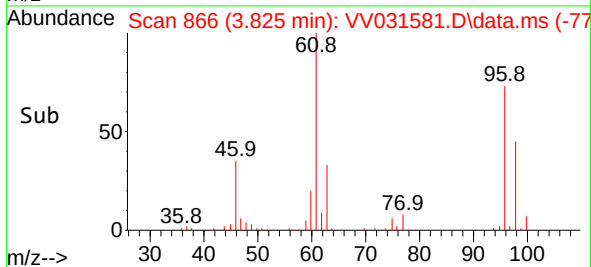
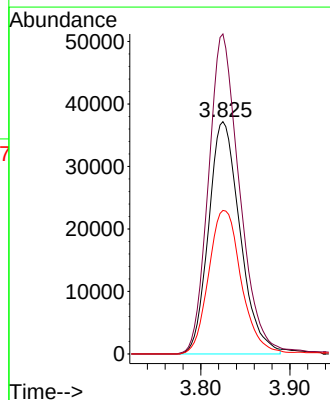
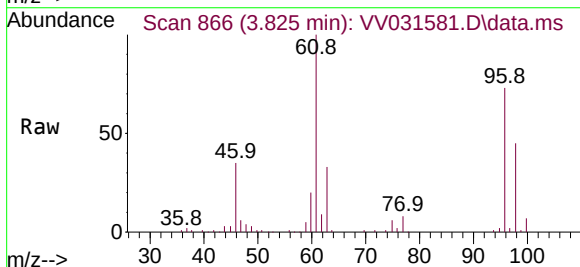
Tgt Ion: 96 Resp: 91240

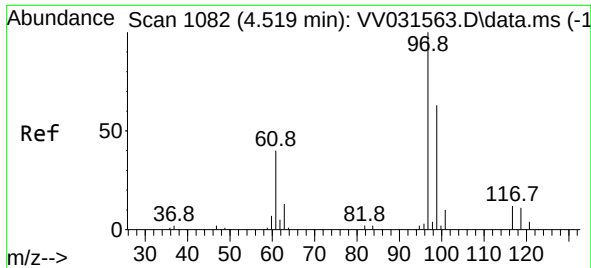
Ion Ratio Lower Upper

96 100

61 133.3 98.6 183.0

98 59.8 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 25.214 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031581.D

Acq: 16 Jun 2023 17:27

Instrument :

MSVOA_V

ClientSampleId :

EXYT3DL

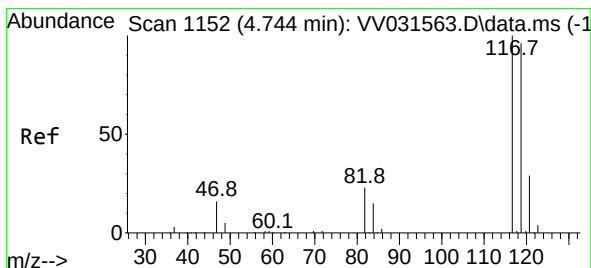
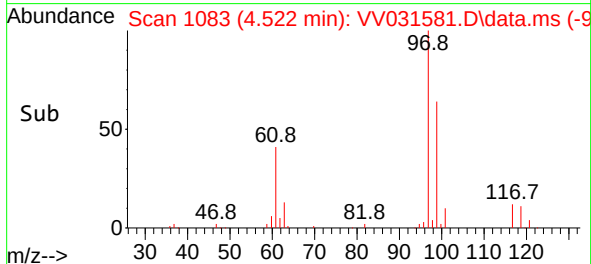
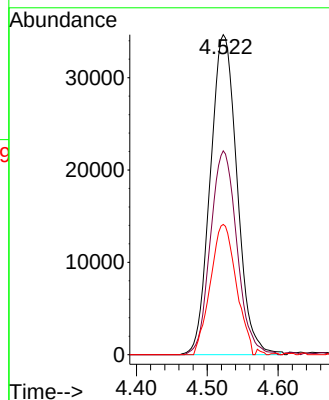
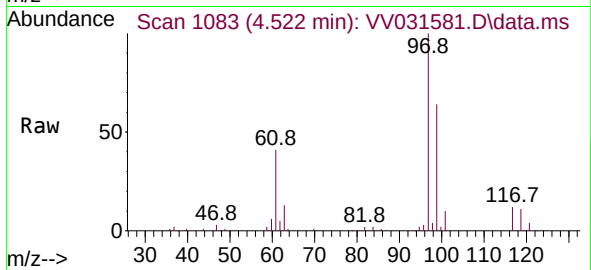
Tgt Ion: 97 Resp: 91032

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.6

61 39.1 33.0 49.6



#31

Carbon tetrachloride

Concen: 3.224 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.222 min

Lab File: VV031581.D

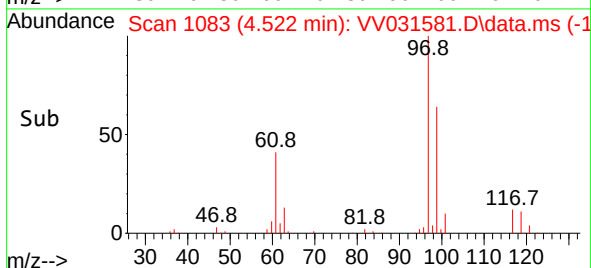
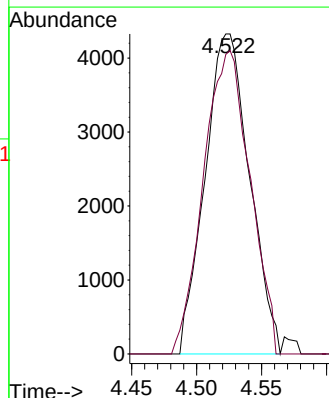
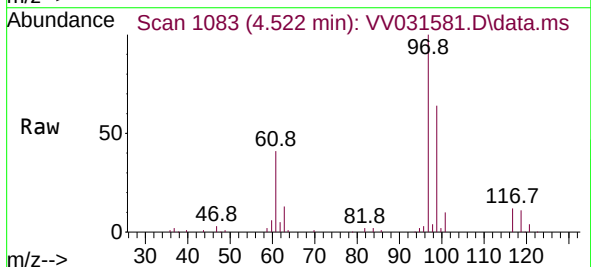
Acq: 16 Jun 2023 17:27

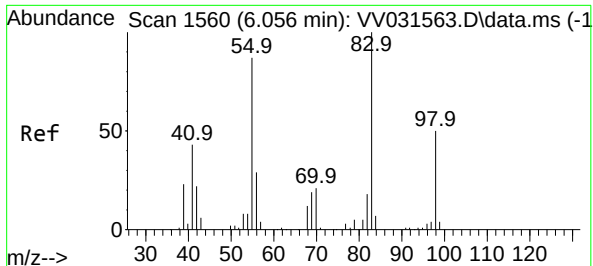
Tgt Ion: 117 Resp: 10312

Ion Ratio Lower Upper

117 100

119 99.1 76.2 114.4





#35

Methylcyclohexane

Concen: 8.028 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV031581.D

Acq: 16 Jun 2023 17:27

Instrument :

MSVOA_V

ClientSampleId :

EXYT3DL

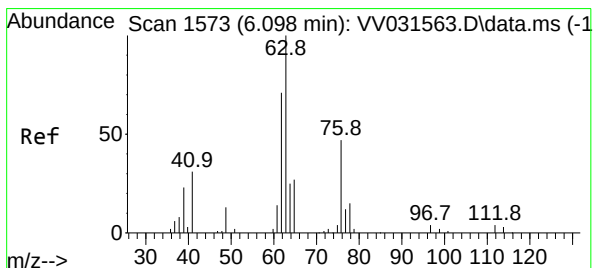
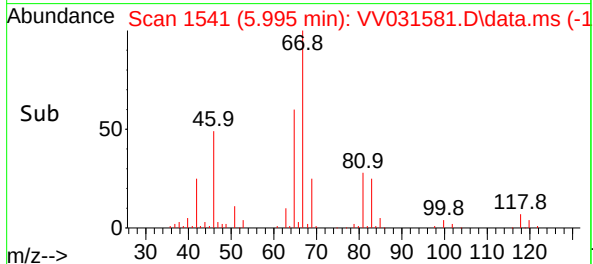
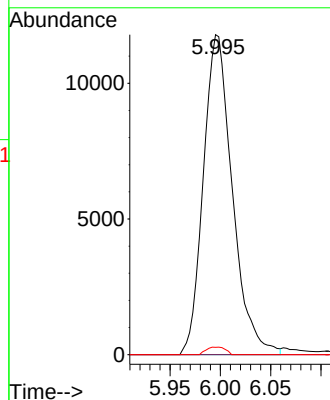
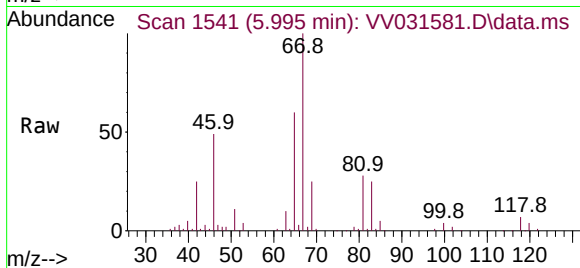
Tgt Ion: 83 Resp: 23697

Ion Ratio Lower Upper

83 100

55 0.0 68.7 103.1#

98 1.6 37.0 55.4#



#37

1,2-Dichloropropane

Concen: 4.884 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.103 min

Lab File: VV031581.D

Acq: 16 Jun 2023 17:27

Tgt Ion: 63 Resp: 10753

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#

