

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031578.D
 Acq On : 16 Jun 2023 15:56
 Operator : SY/MD
 Sample : 03249-08DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT0DL

Quant Time: Jun 17 02:30:14 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)

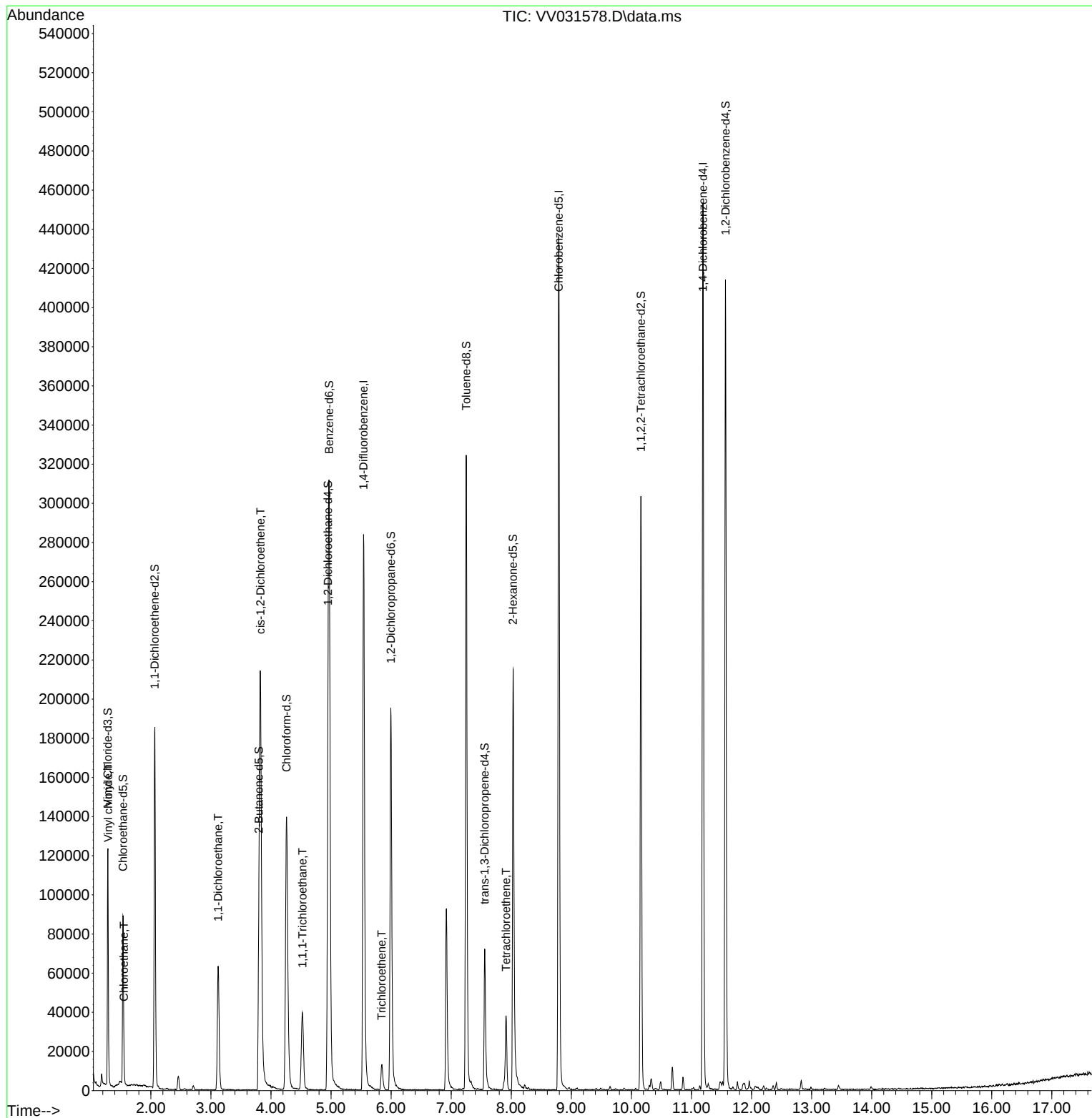
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235350	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	232791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116958	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61188	39.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.120%
7) Chloroethane-d5	1.536	69	56271	41.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.340%
11) 1,1-Dichloroethene-d2	2.063	65	32288	39.997	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.000%
21) 2-Butanone-d5	3.799	46	107897	85.072	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.070%
24) Chloroform-d	4.259	84	152040	38.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.520%
26) 1,2-Dichloroethane-d4	4.950	65	102898	41.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.860%
32) Benzene-d6	4.970	84	268695	41.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.020%
36) 1,2-Dichloropropane-d6	5.995	67	97619	42.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.060%
41) Toluene-d8	7.249	98	222768	37.048	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.100%#
43) trans-1,3-Dichloroprop...	7.558	79	44521	39.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.640%
47) 2-Hexanone-d5	8.030	63	77406	84.415	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.410%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	146341	41.746	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.500%
66) 1,2-Dichlorobenzene-d4	11.567	152	101719	45.626	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	23010	9.854	ug/L	95
8) Chloroethane	1.552	64	1550	1.028	ug/L	88
19) 1,1-Dichloroethane	3.121	63	66264	16.890	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	100673	51.248	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	34572	9.263	ug/L	99
34) Trichloroethene	5.844	95	4602	2.222	ug/L #	79
46) Tetrachloroethene	7.915	164	8544	5.256	ug/L	95

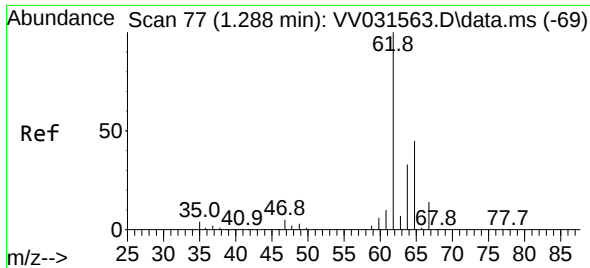
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 17 02:08:04 2023
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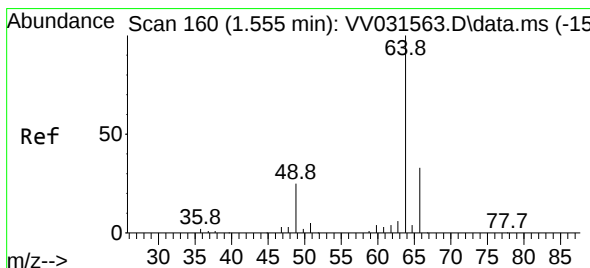
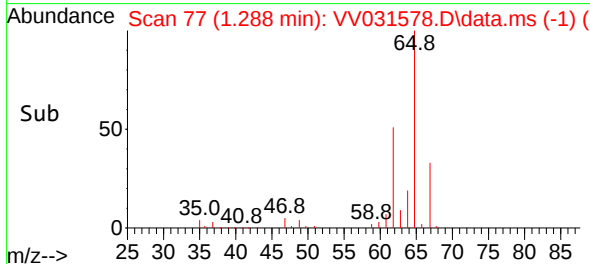
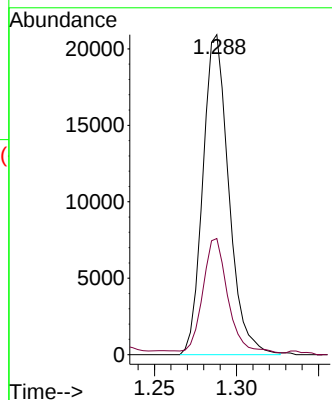
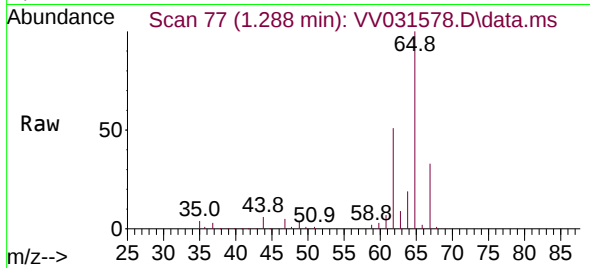




#5
 Vinyl chloride
 Concen: 9.854 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV031578.D
 Acq: 16 Jun 2023 15:56

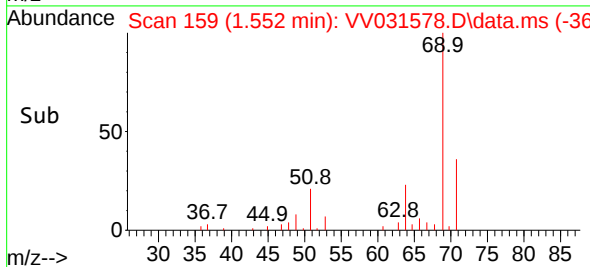
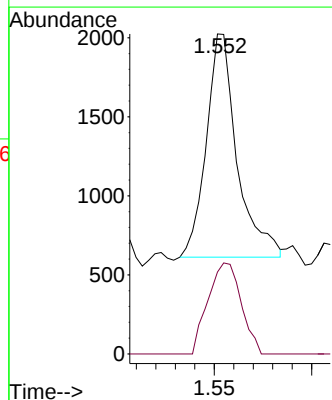
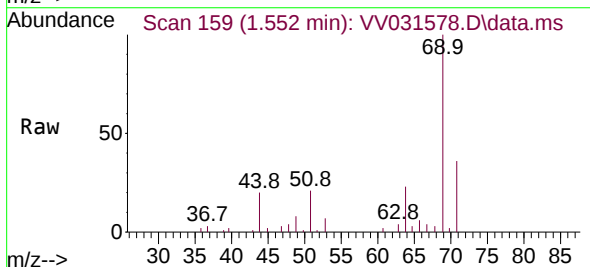
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT0DL

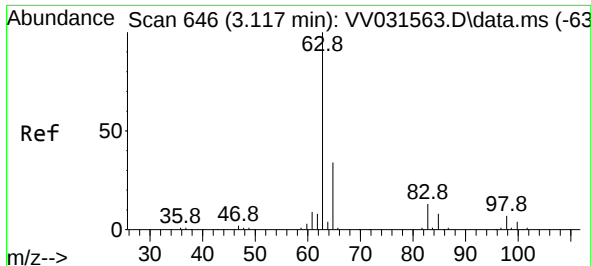
Tgt Ion: 62 Resp: 23010
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.4 43.4



#8
 Chloroethane
 Concen: 1.028 ug/L
 RT: 1.552 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VV031578.D
 Acq: 16 Jun 2023 15:56

Tgt Ion: 64 Resp: 1550
 Ion Ratio Lower Upper
 64 100
 66 36.8 21.0 39.0





#19

1,1-Dichloroethane

Concen: 16.890 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031578.D

Acq: 16 Jun 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

EXYT0DL

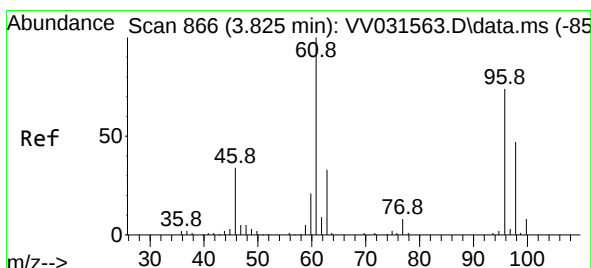
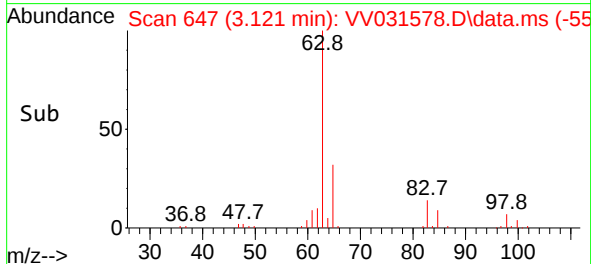
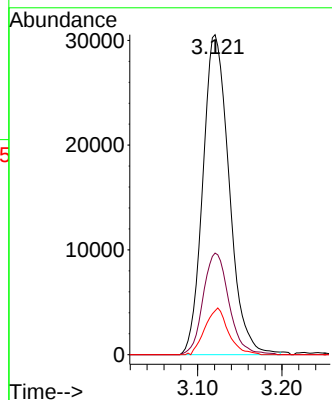
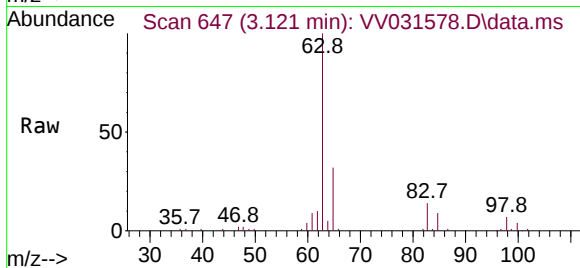
Tgt Ion: 63 Resp: 66264

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.7

83 14.4 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 51.248 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV031578.D

Acq: 16 Jun 2023 15:56

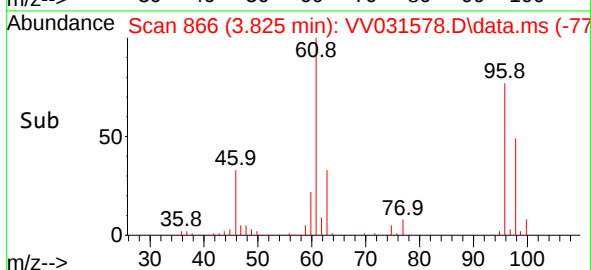
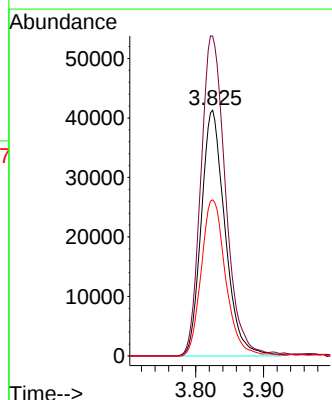
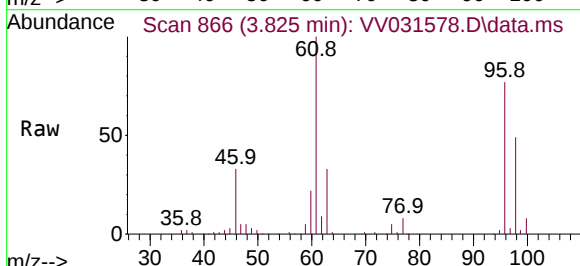
Tgt Ion: 96 Resp: 100673

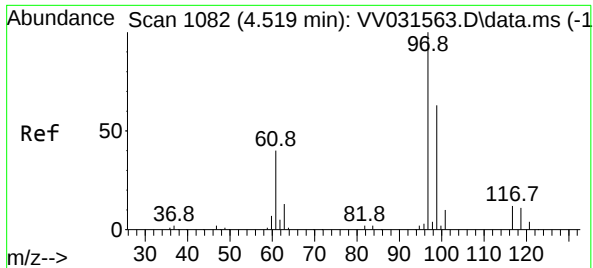
Ion Ratio Lower Upper

96 100

61 130.2 98.6 183.0

98 65.7 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 9.263 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031578.D

Acq: 16 Jun 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

EXYT0DL

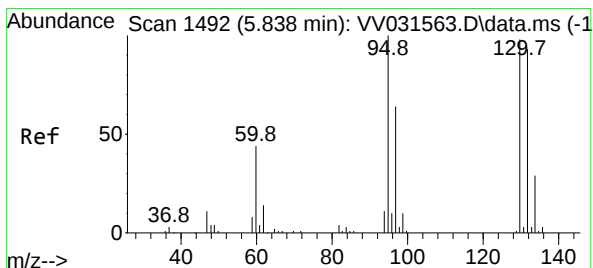
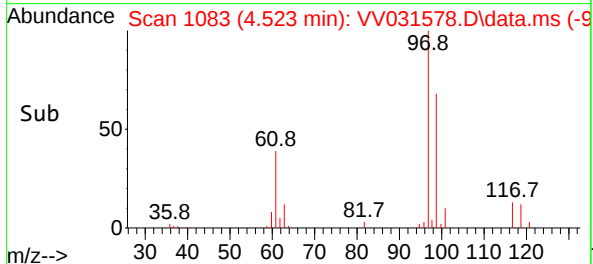
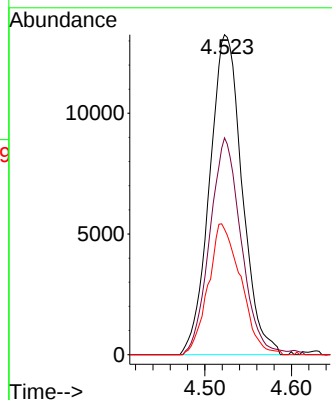
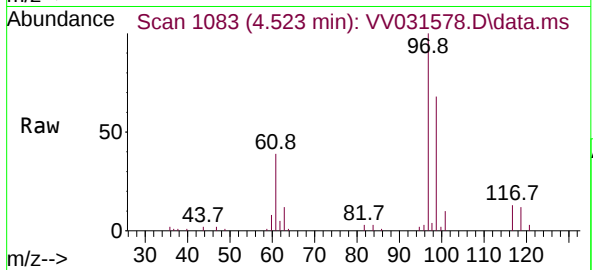
Tgt Ion: 97 Resp: 34572

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

61 40.9 33.0 49.6



#34

Trichloroethene

Concen: 2.222 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV031578.D

Acq: 16 Jun 2023 15:56

Tgt Ion: 95 Resp: 4602

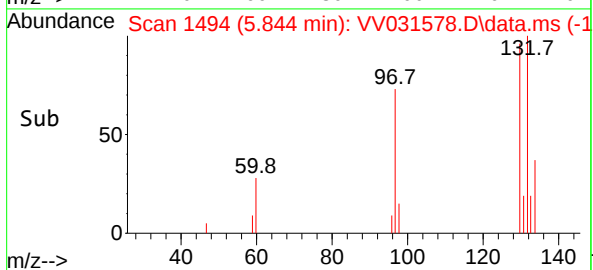
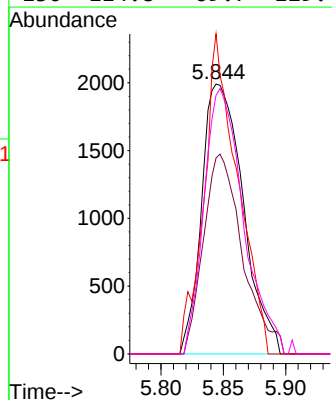
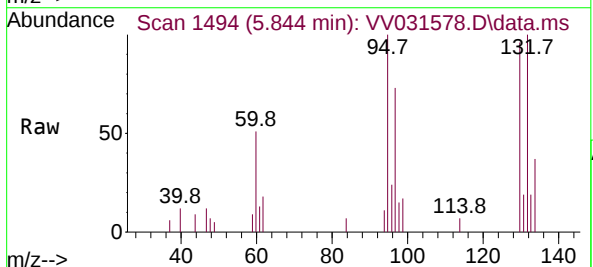
Ion Ratio Lower Upper

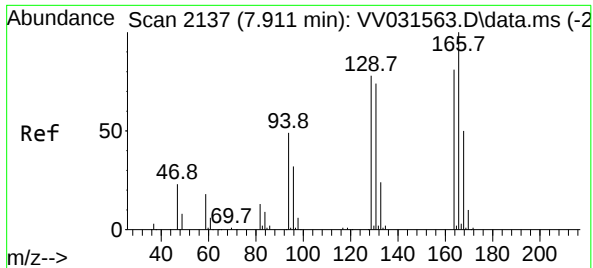
95 100

97 87.4 46.8 86.8

132 118.5 66.4 123.2

130 114.8 69.7 129.4





#46

Tetrachloroethene

Concen: 5.256 ug/L

RT: 7.915 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031578.D

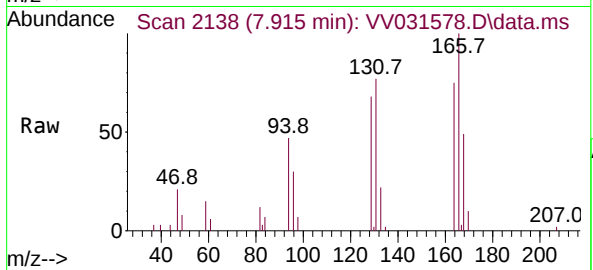
Acq: 16 Jun 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

EXYT0DL



Tgt Ion:164 Resp: 8544

Ion Ratio Lower Upper

164 100

129 91.6 68.4 127.0

131 103.1 67.6 125.6

166 134.1 91.3 169.5

