

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031582.D
 Acq On : 16 Jun 2023 17:50
 Operator : SY/MD
 Sample : 03249-13DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT6DL

Quant Time: Jun 17 02:31:17 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)

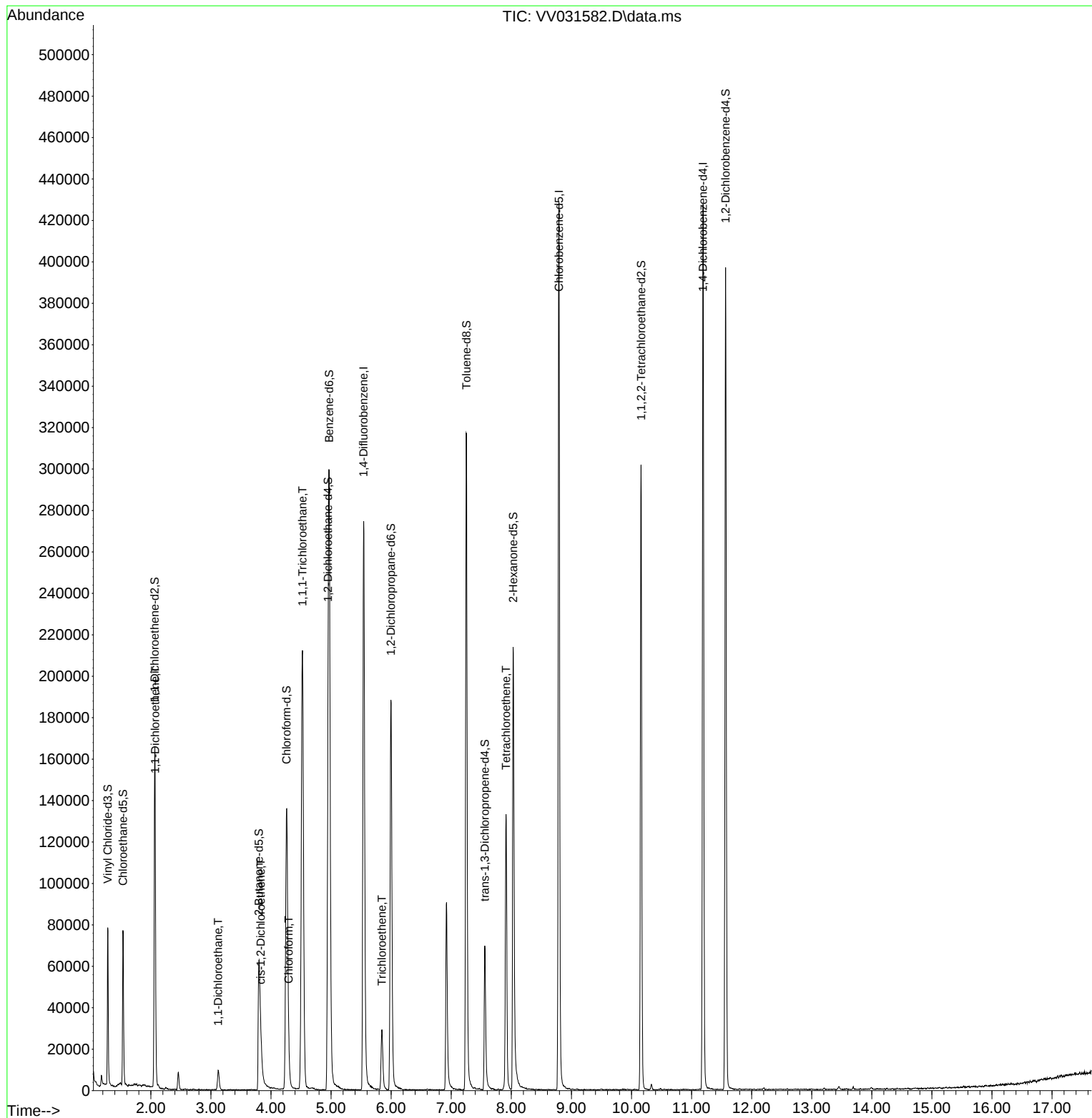
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	226622	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	226173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50088	33.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.420%
7) Chloroethane-d5	1.536	69	50282	38.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.420%
11) 1,1-Dichloroethene-d2	2.066	65	27270	35.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.160%
21) 2-Butanone-d5	3.799	46	100848	82.577	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.580%
24) Chloroform-d	4.259	84	151439	40.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.180%
26) 1,2-Dichloroethane-d4	4.950	65	99931	42.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.560%
32) Benzene-d6	4.969	84	256545	40.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.995	67	95410	42.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	7.252	98	216392	37.040	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.080%#
43) trans-1,3-Dichloroprop...	7.558	79	42876	38.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.960%
47) 2-Hexanone-d5	8.030	63	76683	86.073	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.070%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142168	41.743	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.480%
66) 1,2-Dichlorobenzene-d4	11.567	152	98765	46.768	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	4203	2.507	ug/L	# 1
19) 1,1-Dichloroethane	3.121	63	9799	2.594	ug/L	99
20) cis-1,2-Dichloroethene	3.831	96	3382	1.788	ug/L	85
25) Chloroform	4.294	83	8257	2.103	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	184717	50.939	ug/L	99
34) Trichloroethene	5.847	95	10339	5.138	ug/L	93
46) Tetrachloroethene	7.911	164	30081	19.048	ug/L	99

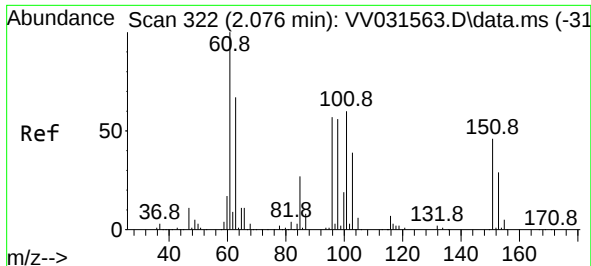
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.507 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031582.D

Acq: 16 Jun 2023 17:50

Instrument :

MSVOA_V

ClientSampleId :

EXYT6DL

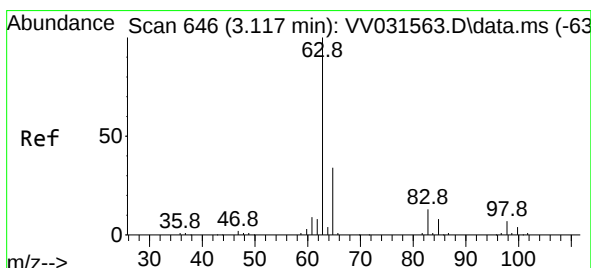
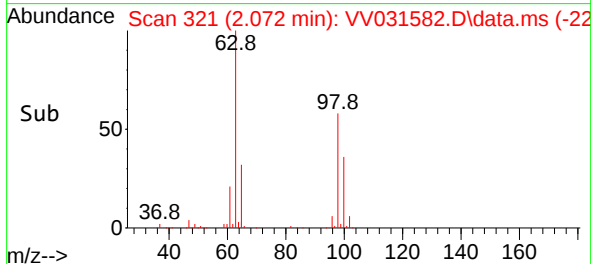
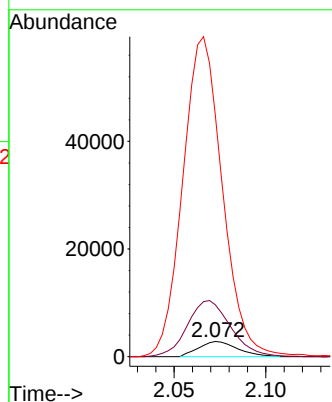
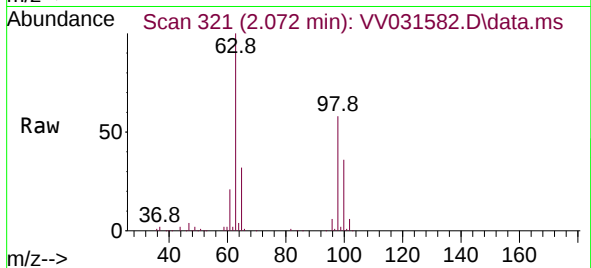
Tgt Ion: 96 Resp: 4203

Ion Ratio Lower Upper

96 100

61 287.9 128.9 239.5#

63 1341.0 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 2.594 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031582.D

Acq: 16 Jun 2023 17:50

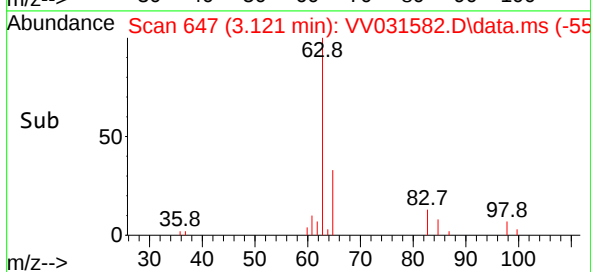
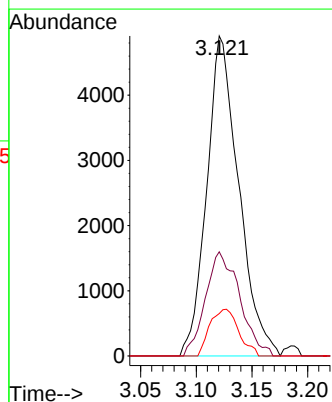
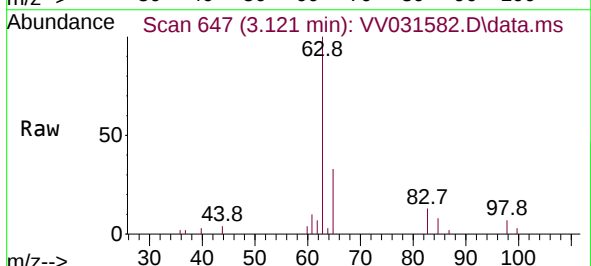
Tgt Ion: 63 Resp: 9799

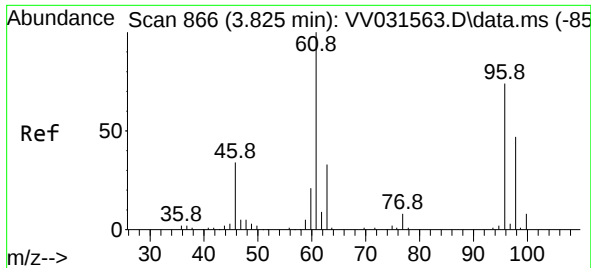
Ion Ratio Lower Upper

63 100

65 32.6 22.5 41.7

83 13.3 10.0 18.6

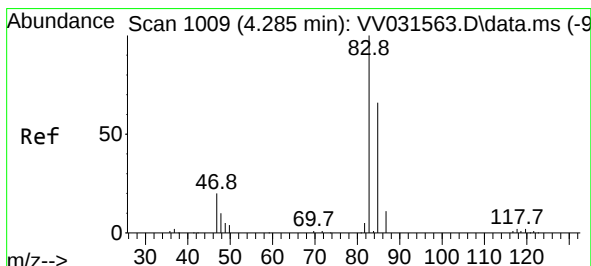
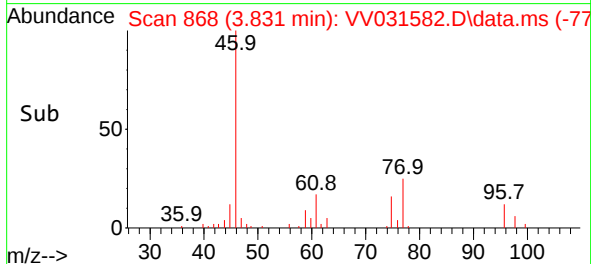
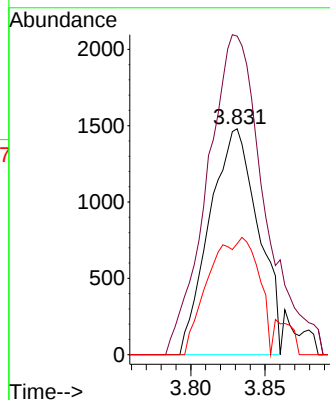
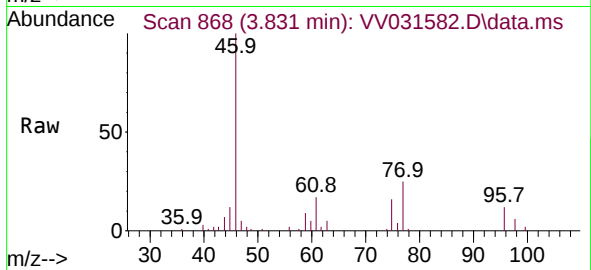




#20
cis-1,2-Dichloroethene
Concen: 1.788 ug/L
RT: 3.831 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV031582.D
Acq: 16 Jun 2023 17:50

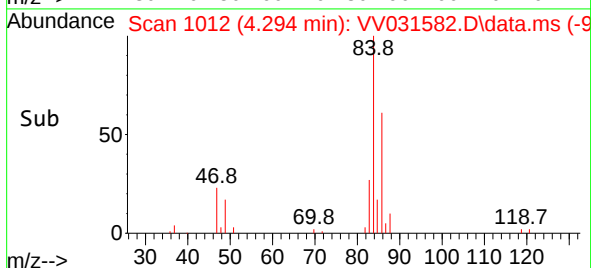
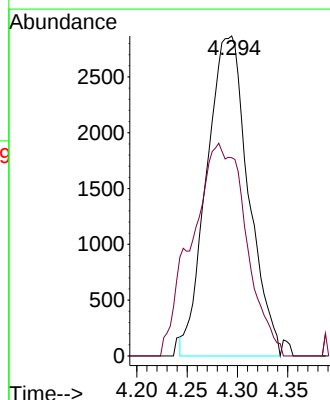
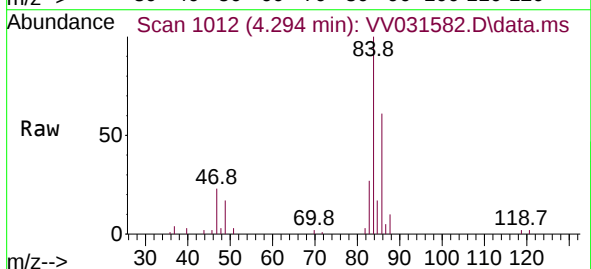
Instrument :
MSVOA_V
ClientSampleId :
EXYT6DL

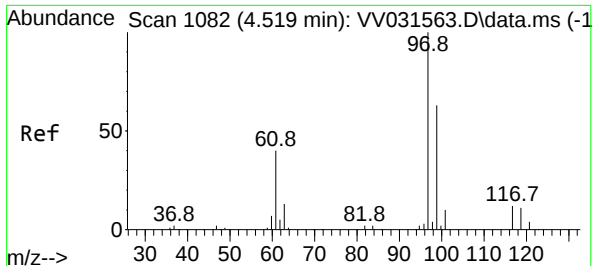
Tgt Ion: 96 Resp: 3382
Ion Ratio Lower Upper
96 100
61 155.4 98.6 183.0
98 49.1 45.7 84.9



#25
Chloroform
Concen: 2.103 ug/L
RT: 4.294 min Scan# 1012
Delta R.T. 0.010 min
Lab File: VV031582.D
Acq: 16 Jun 2023 17:50

Tgt Ion: 83 Resp: 8257
Ion Ratio Lower Upper
83 100
85 61.9 45.3 84.1





#30

1,1,1-Trichloroethane

Concen: 50.939 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031582.D

Acq: 16 Jun 2023 17:50

Instrument :

MSVOA_V

ClientSampleId :

EXYT6DL

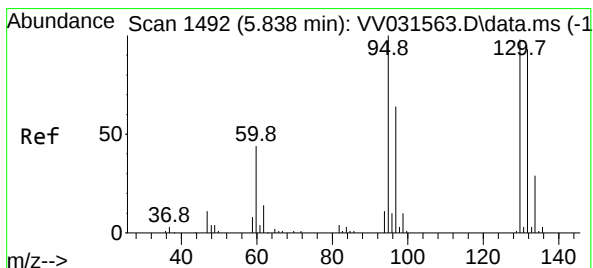
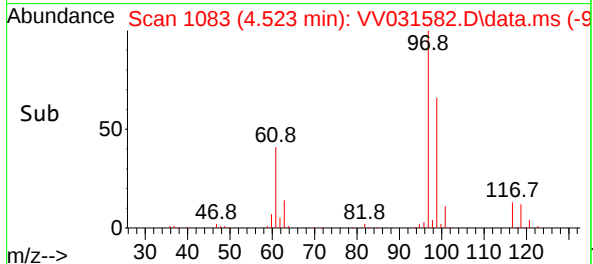
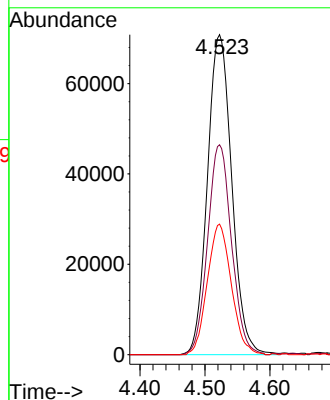
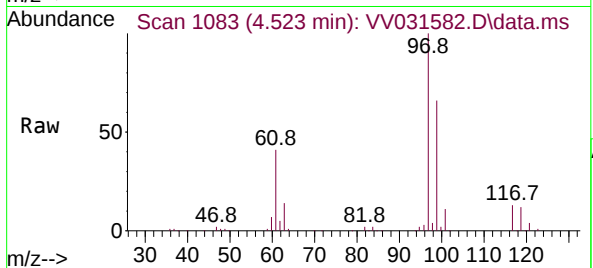
Tgt Ion: 97 Resp: 184717

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 40.2 33.0 49.6



#34

Trichloroethene

Concen: 5.138 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031582.D

Acq: 16 Jun 2023 17:50

Tgt Ion: 95 Resp: 10339

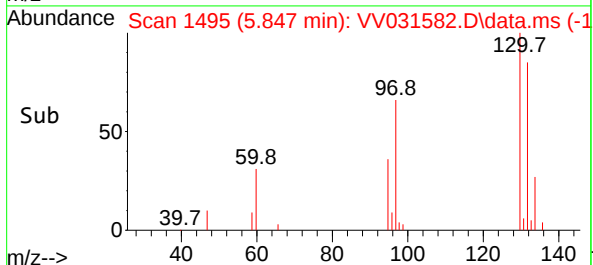
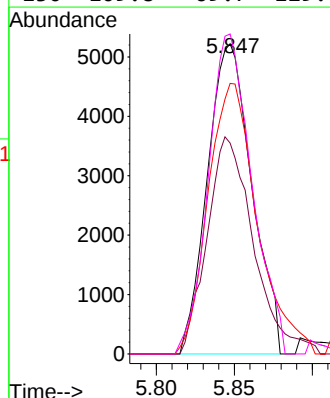
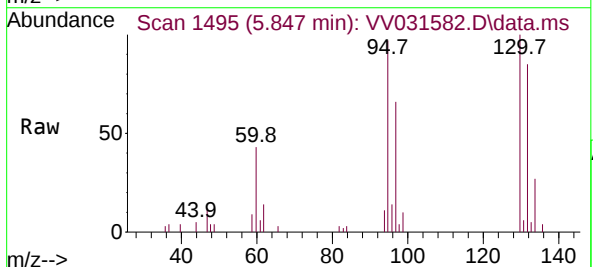
Ion Ratio Lower Upper

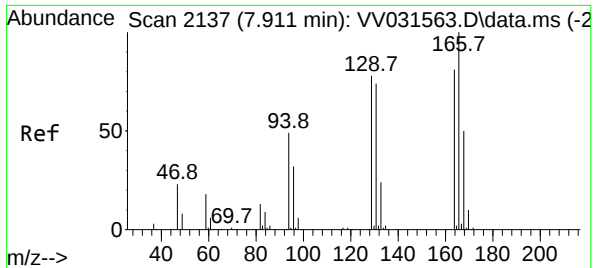
95 100

97 72.1 46.8 86.8

132 91.9 66.4 123.2

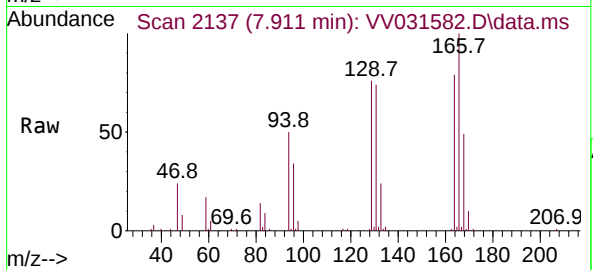
130 109.8 69.7 129.4





#46
Tetrachloroethene
Concen: 19.048 ug/L
RT: 7.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031582.D
Acq: 16 Jun 2023 17:50

Instrument :
MSVOA_V
ClientSampleId :
EXYT6DL



Tgt Ion:	164	Resp:	30081
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.4	127.0
131	95.2	67.6	125.6
166	129.2	91.3	169.5

