

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031556.D
 Acq On : 16 Jun 2023 02:11
 Operator : SY/MD
 Sample : 03254-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYX9

Quant Time: Jun 16 06:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

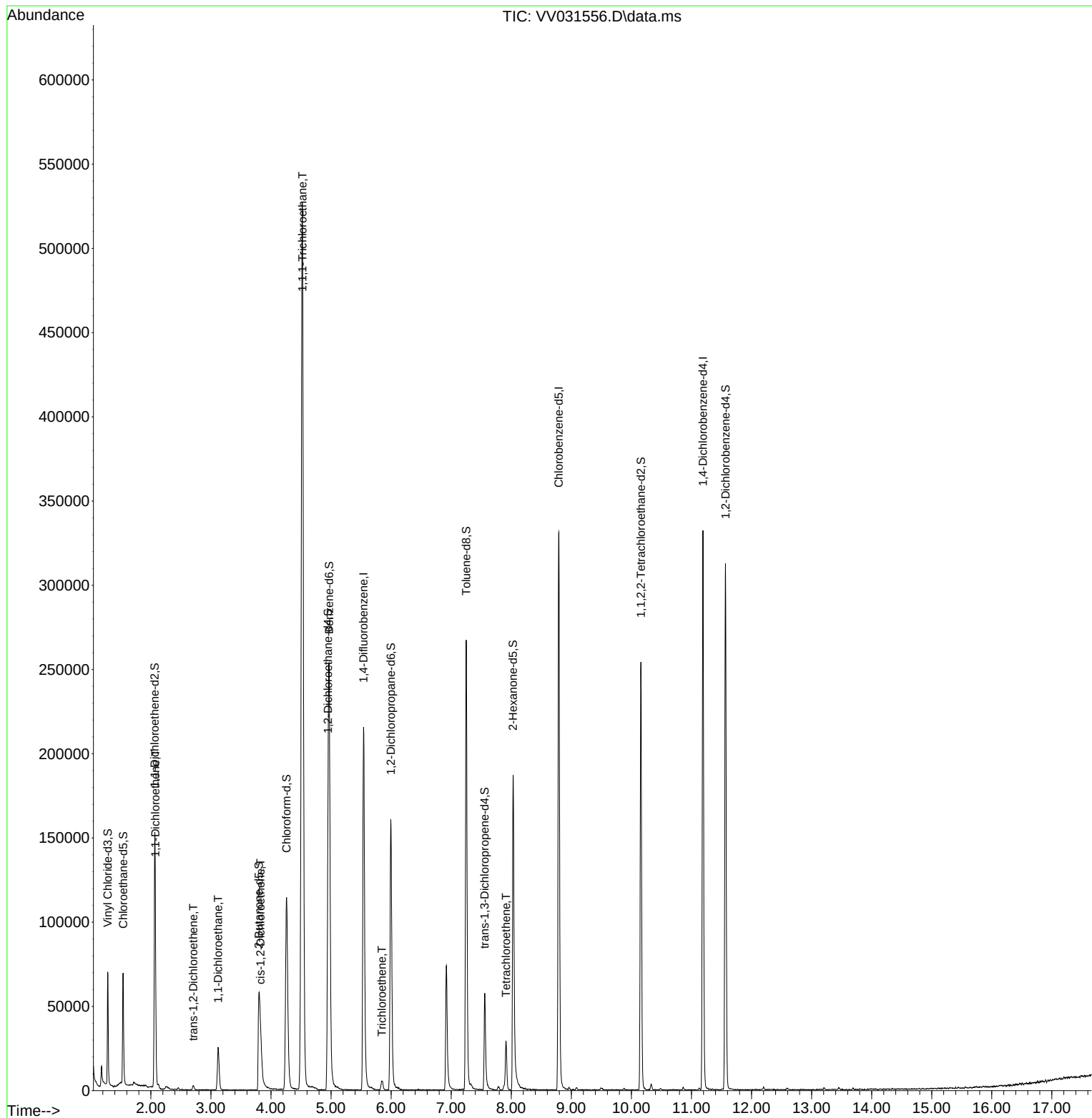
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	176489	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	176011	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	83522	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43172	36.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.500%
7) Chloroethane-d5	1.539	69	43465	42.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.820%
11) 1,1-Dichloroethene-d2	2.066	65	23108	38.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.340%
21) 2-Butanone-d5	3.799	46	91876	96.600	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.259	84	124781	42.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.840%
26) 1,2-Dichloroethane-d4	4.950	65	85871	46.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
32) Benzene-d6	4.969	84	217121	43.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	5.995	67	79153	45.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.160%
41) Toluene-d8	7.249	98	180566	39.717	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.440%#
43) trans-1,3-Dichloroprop...	7.558	79	34586	40.403	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.800%
47) 2-Hexanone-d5	8.030	63	69159	99.751	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.750%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121709	45.920	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	78382	49.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	10523	8.058	ug/L	# 1
17) trans-1,2-Dichloroethene	2.706	96	1052	0.772	ug/L	92
19) 1,1-Dichloroethane	3.121	63	26309	8.942	ug/L	96
20) cis-1,2-Dichloroethene	3.828	96	7582	5.147	ug/L	93
30) 1,1,1-Trichloroethane	4.522	97	458327	162.413	ug/L	99
34) Trichloroethene	5.847	95	2130	1.360	ug/L	85
46) Tetrachloroethene	7.911	164	6342	5.160	ug/L	95

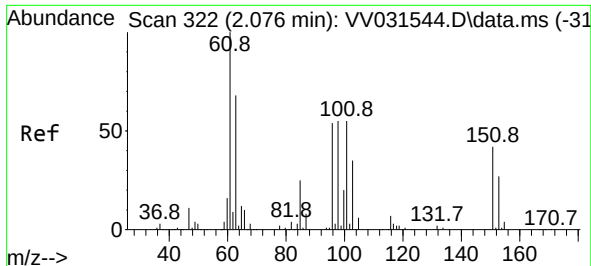
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 06:20:03 2023
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Quant Title : VOC Analysis
QLast Update : Fri Jun 16 05:51:14 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 8.058 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031556.D

Acq: 16 Jun 2023 02:11

Instrument :

MSVOA_V

ClientSampleId :

EXYX9

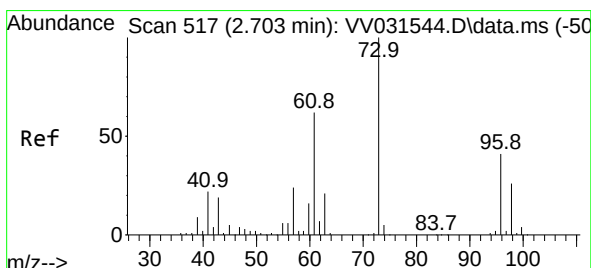
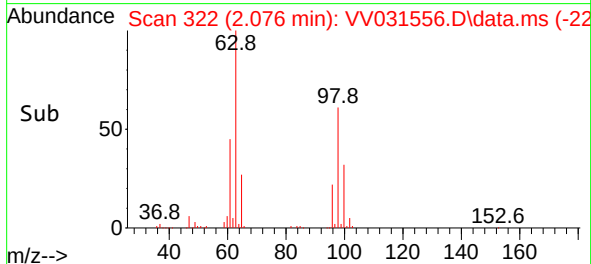
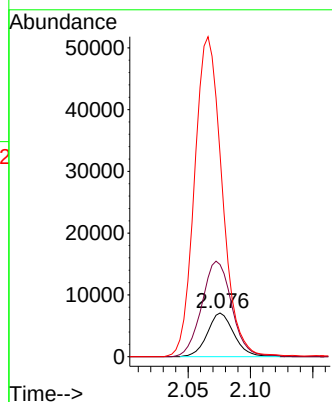
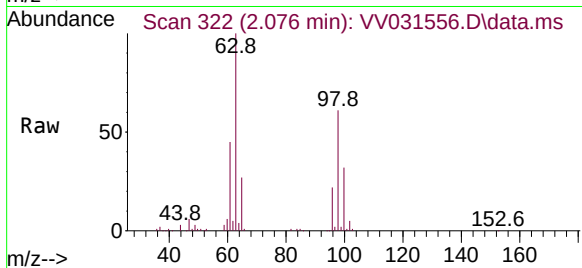
Tgt Ion: 96 Resp: 10523

Ion Ratio Lower Upper

96 100

61 192.2 128.9 239.5

63 422.9 95.3 177.1#



#17

trans-1,2-Dichloroethene

Concen: 0.772 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV031556.D

Acq: 16 Jun 2023 02:11

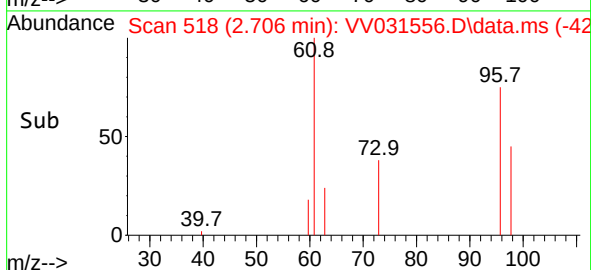
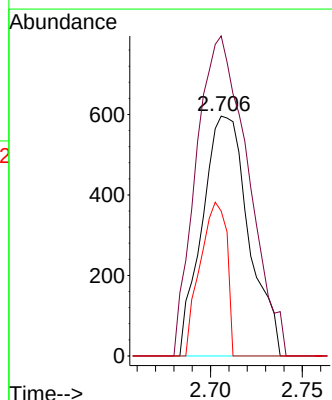
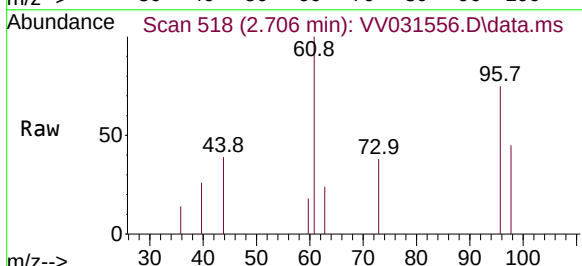
Tgt Ion: 96 Resp: 1052

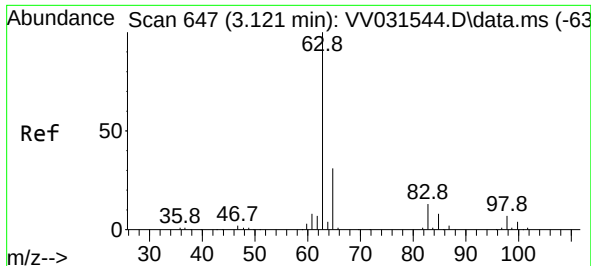
Ion Ratio Lower Upper

96 100

61 133.4 102.5 190.3

98 60.4 44.1 81.9





#19

1,1-Dichloroethane

Concen: 8.942 ug/L

RT: 3.121 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031556.D

Acq: 16 Jun 2023 02:11

Instrument :

MSVOA_V

ClientSampleId :

EXYX9

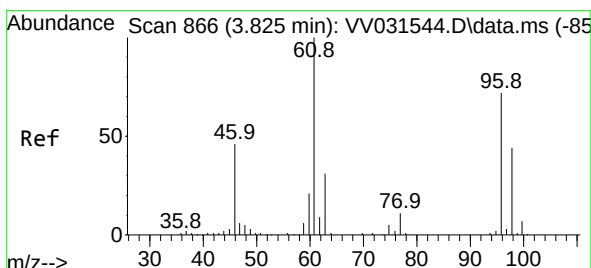
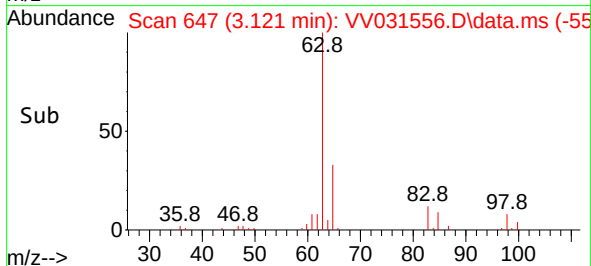
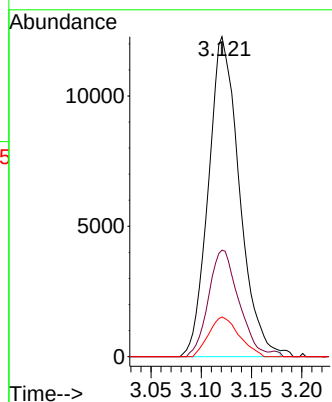
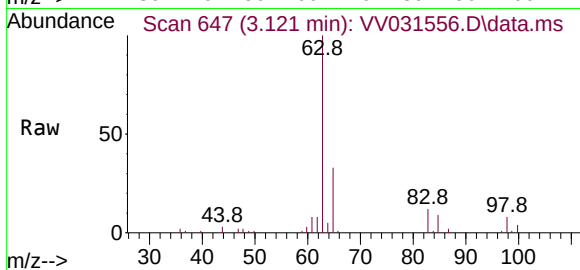
Tgt Ion: 63 Resp: 26309

Ion Ratio Lower Upper

63 100

65 34.2 22.5 41.7

83 12.4 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 5.147 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031556.D

Acq: 16 Jun 2023 02:11

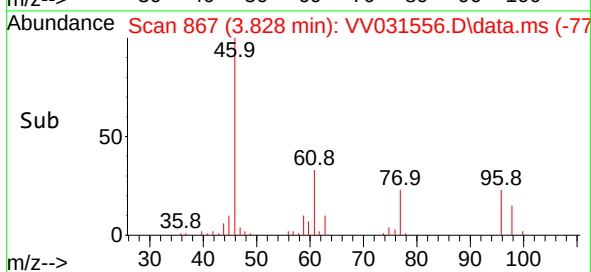
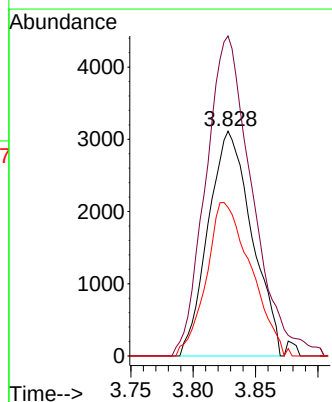
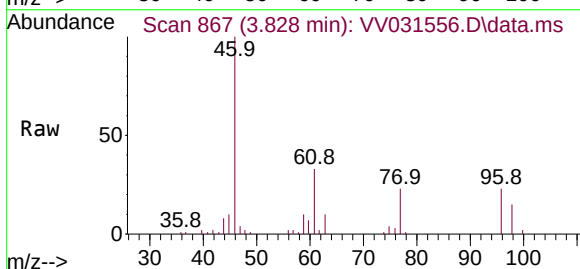
Tgt Ion: 96 Resp: 7582

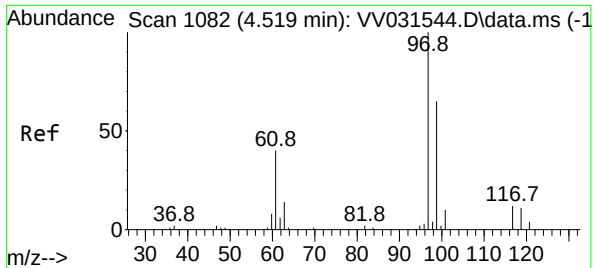
Ion Ratio Lower Upper

96 100

61 152.2 98.6 183.0

98 66.0 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 162.413 ug/L

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031556.D

Acq: 16 Jun 2023 02:11

Instrument :

MSVOA_V

ClientSampleId :

EXYX9

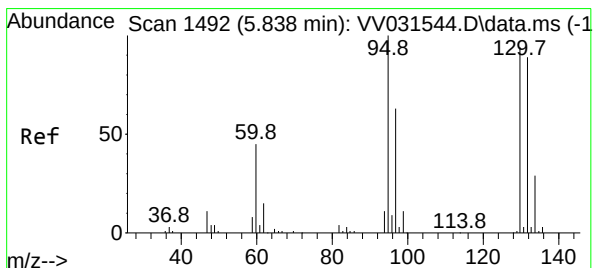
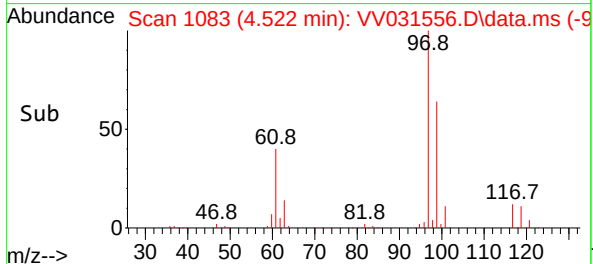
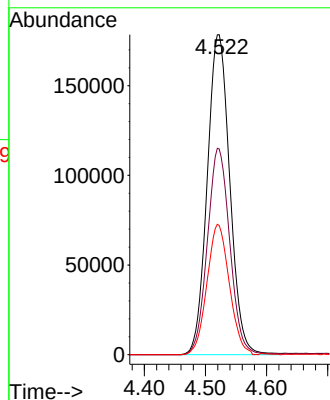
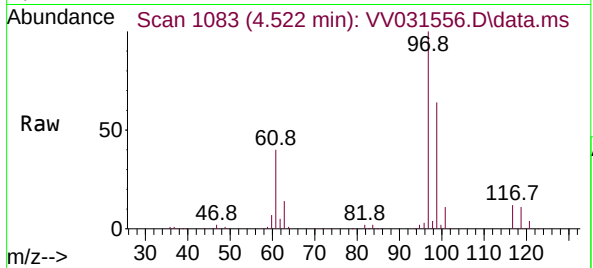
Tgt Ion: 97 Resp: 458327

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

61 40.3 33.0 49.6



#34

Trichloroethene

Concen: 1.360 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031556.D

Acq: 16 Jun 2023 02:11

Tgt Ion: 95 Resp: 2130

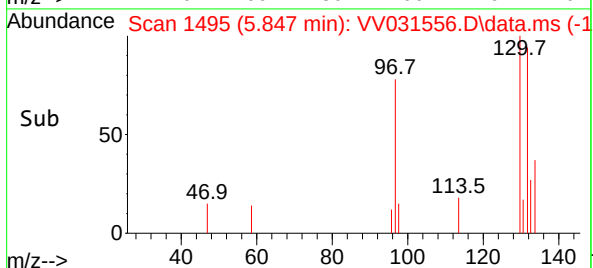
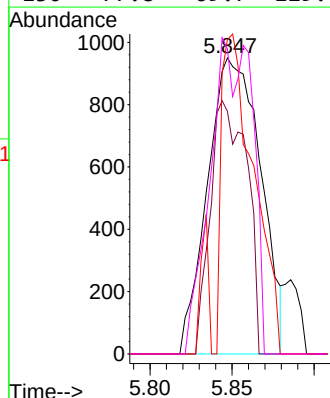
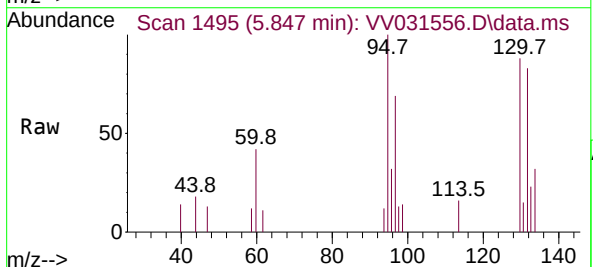
Ion Ratio Lower Upper

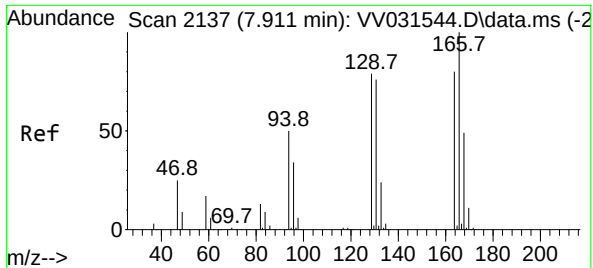
95 100

97 61.9 46.8 86.8

132 80.2 66.4 123.2

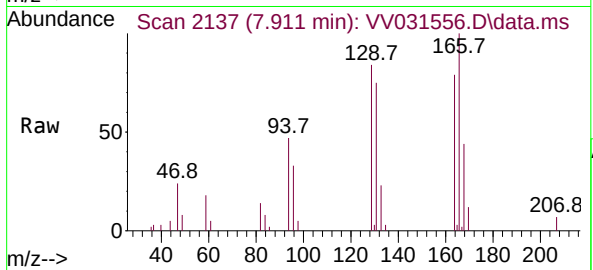
130 77.8 69.7 129.4





#46
Tetrachloroethene
Concen: 5.160 ug/L
RT: 7.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031556.D
Acq: 16 Jun 2023 02:11

Instrument :
MSVOA_V
ClientSampleId :
EXYX9



Tgt Ion:	164	Resp:	6342
Ion	Ratio	Lower	Upper
164	100		
129	106.0	68.4	127.0
131	94.7	67.6	125.6
166	126.3	91.3	169.5

