

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031521.D
 Acq On : 15 Jun 2023 11:23
 Operator : SY/MD
 Sample : 03254-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYX7

Quant Time: Jun 16 02:45:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

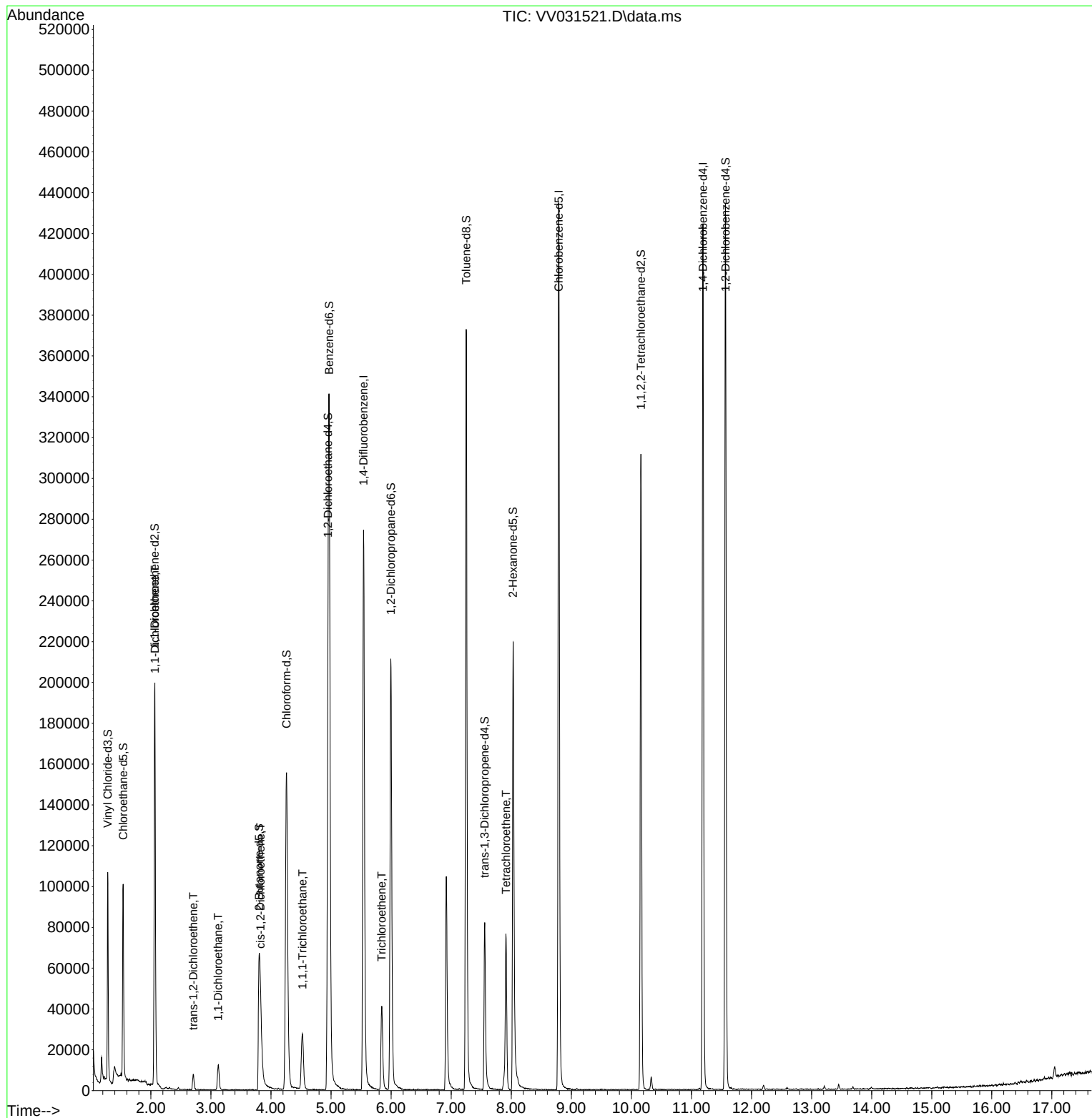
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	225447	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	225961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66130	44.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.140%
7) Chloroethane-d5	1.539	69	62351	47.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.260%
11) 1,1-Dichloroethene-d2	2.063	65	34053	44.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.080%
21) 2-Butanone-d5	3.802	46	103999	85.601	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.600%
24) Chloroform-d	4.259	84	170370	45.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	4.950	65	110131	46.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
32) Benzene-d6	4.969	84	291391	45.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
36) 1,2-Dichloropropane-d6	5.995	67	105049	46.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	7.249	98	249810	42.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.558	79	48691	44.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.620%
47) 2-Hexanone-d5	8.030	63	77447	87.012	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.010%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	150054	44.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	106353	51.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	1928	1.156	ug/L	# 1
17) trans-1,2-Dichloroethene	2.706	96	2591	1.488	ug/L	97
19) 1,1-Dichloroethane	3.121	63	13550	3.606	ug/L	96
20) cis-1,2-Dichloroethene	3.828	96	9976	5.301	ug/L	92
30) 1,1,1-Trichloroethane	4.523	97	23311	6.434	ug/L	98
34) Trichloroethene	5.844	95	15120	7.521	ug/L	91
46) Tetrachloroethene	7.915	164	17110	10.844	ug/L	96

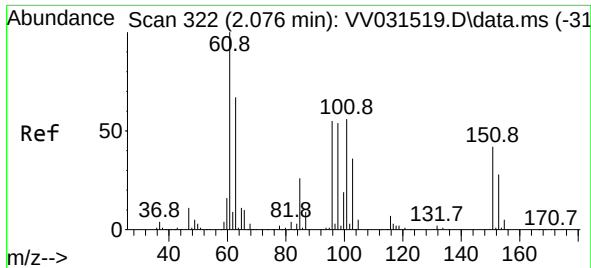
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.156 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031521.D

Acq: 15 Jun 2023 11:23

Instrument :

MSVOA_V

ClientSampleId :

EXYX7

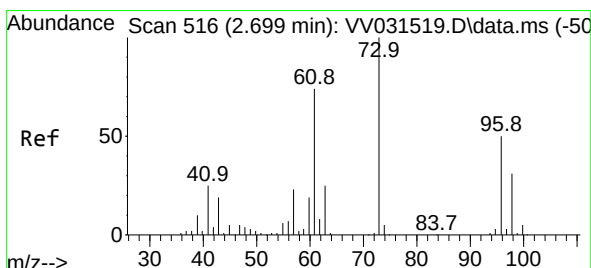
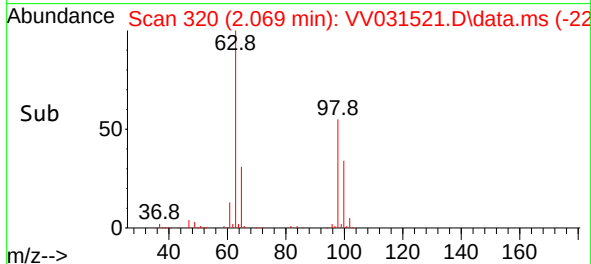
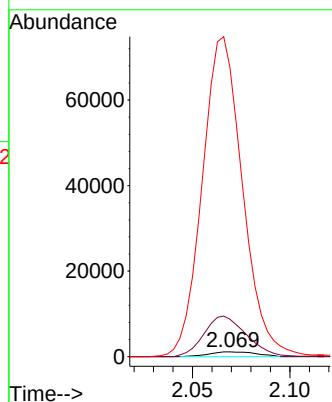
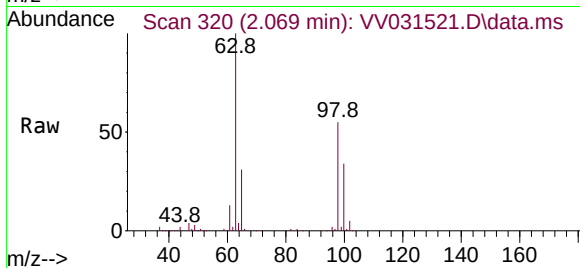
Tgt Ion: 96 Resp: 1928

Ion Ratio Lower Upper

96 100

61 768.1 128.9 239.5#

63 5938.8 95.3 177.1#



#17

trans-1,2-Dichloroethene

Concen: 1.488 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.007 min

Lab File: VV031521.D

Acq: 15 Jun 2023 11:23

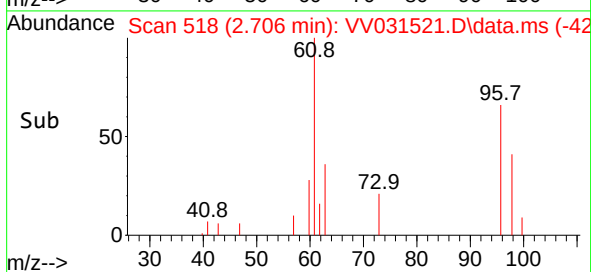
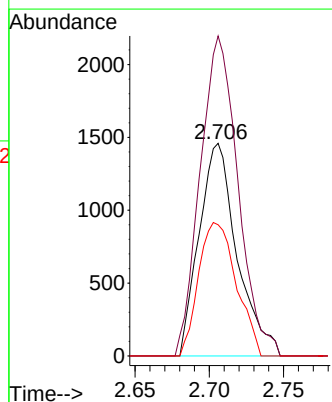
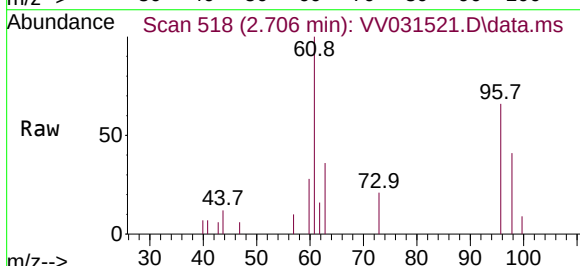
Tgt Ion: 96 Resp: 2591

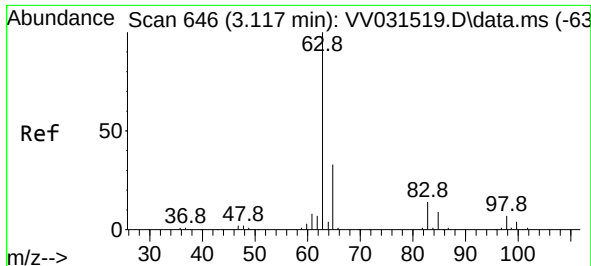
Ion Ratio Lower Upper

96 100

61 150.5 102.5 190.3

98 61.7 44.1 81.9





#19

1,1-Dichloroethane

Concen: 3.606 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031521.D

Acq: 15 Jun 2023 11:23

Instrument :

MSVOA_V

ClientSampleId :

EXYX7

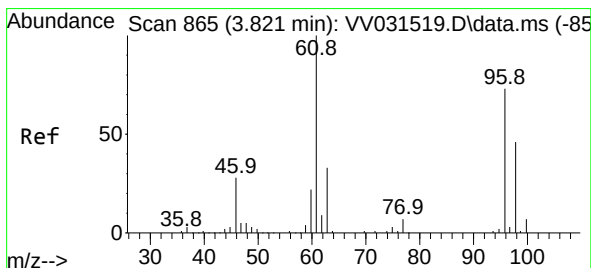
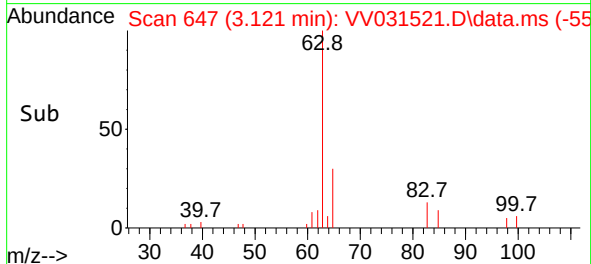
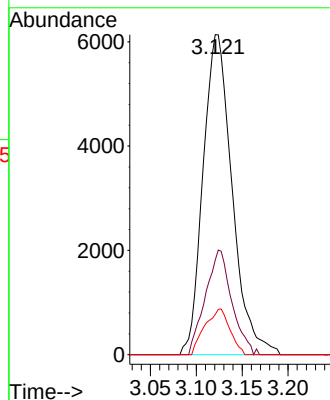
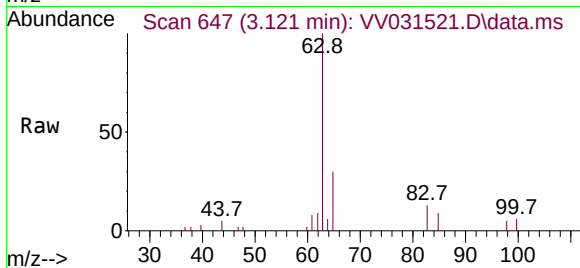
Tgt Ion: 63 Resp: 13550

Ion Ratio Lower Upper

63 100

65 29.6 22.5 41.7

83 12.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 5.301 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.007 min

Lab File: VV031521.D

Acq: 15 Jun 2023 11:23

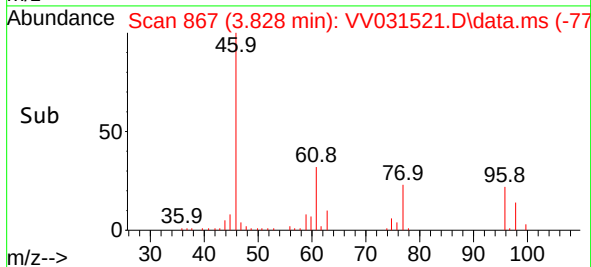
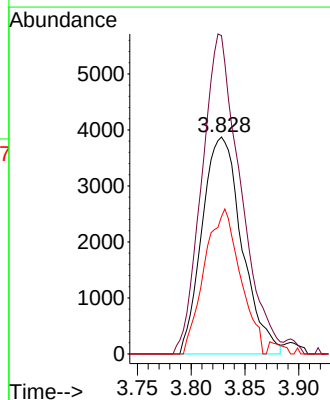
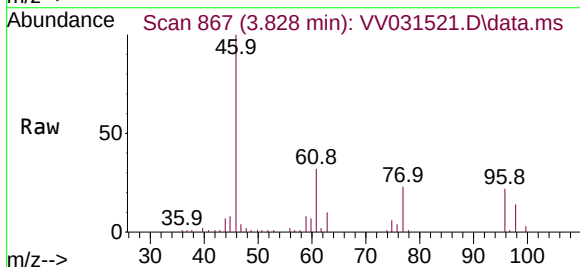
Tgt Ion: 96 Resp: 9976

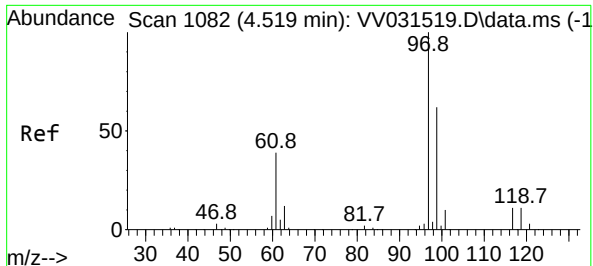
Ion Ratio Lower Upper

96 100

61 152.7 98.6 183.0

98 61.6 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 6.434 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV031521.D

Acq: 15 Jun 2023 11:23

Instrument :

MSVOA_V

ClientSampleId :

EXYX7

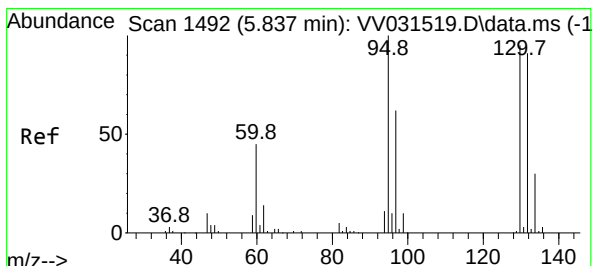
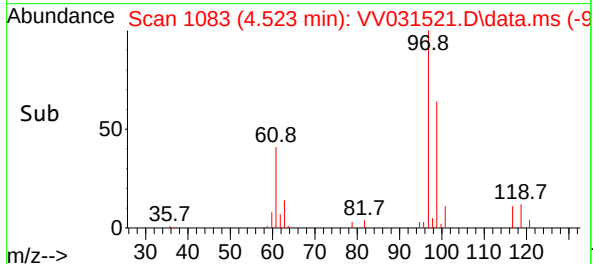
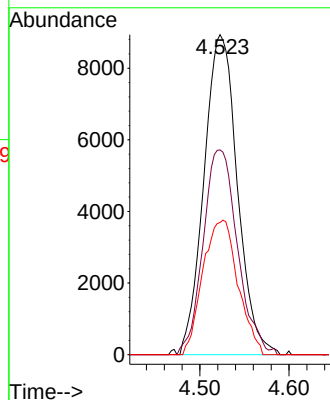
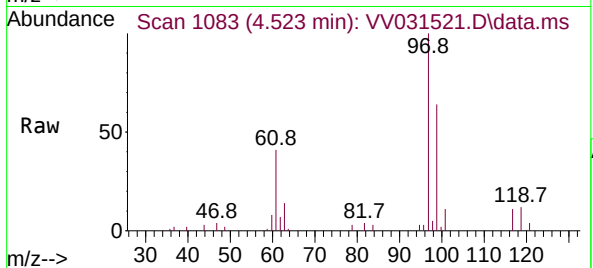
Tgt Ion: 97 Resp: 23311

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

61 44.2 33.0 49.6



#34

Trichloroethene

Concen: 7.521 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.007 min

Lab File: VV031521.D

Acq: 15 Jun 2023 11:23

Tgt Ion: 95 Resp: 15120

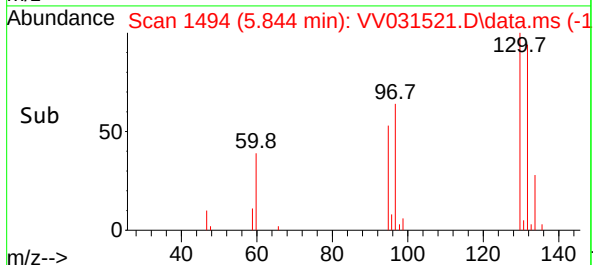
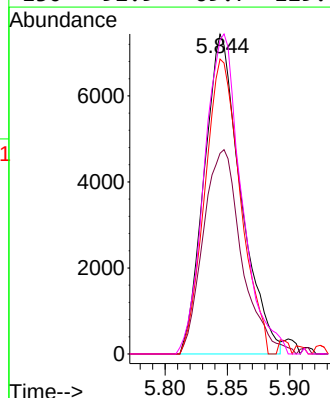
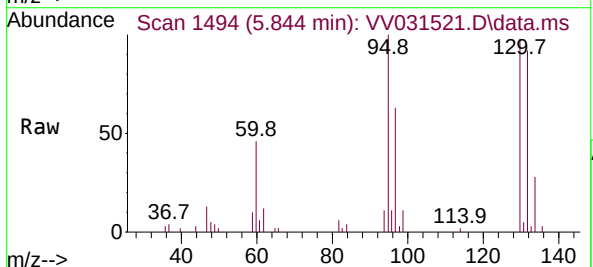
Ion Ratio Lower Upper

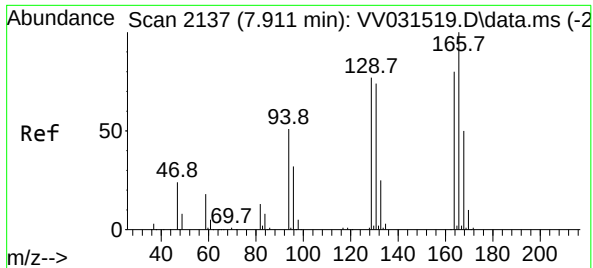
95 100

97 56.4 46.8 86.8

132 85.9 66.4 123.2

130 92.9 69.7 129.4





#46
Tetrachloroethene
Concen: 10.844 ug/L
RT: 7.915 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031521.D
Acq: 15 Jun 2023 11:23

Instrument :
MSVOA_V
ClientSampleId :
EXYX7

Tgt Ion:	164	Resp:	17110
Ion	Ratio	Lower	Upper
164	100		
129	89.8	68.4	127.0
131	96.3	67.6	125.6
166	125.4	91.3	169.5

