

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026104.D
 Acq On : 10 Jun 2022 19:41
 Operator : SY/MD
 Sample : N3247-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT8

Quant Time: Jun 11 01:28:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

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

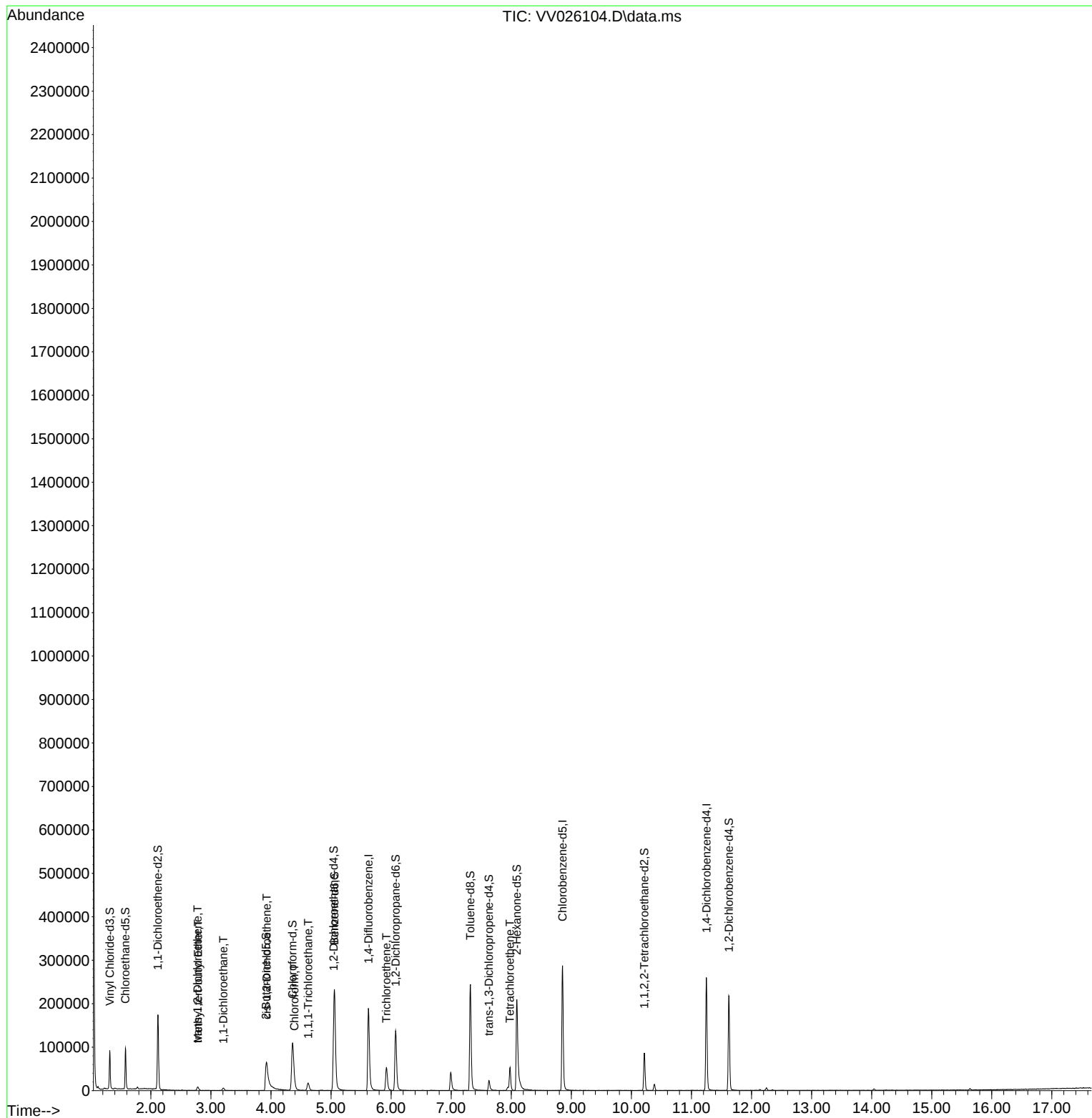
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	166316	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	163005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	54445	5.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.577	69	61005	5.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.600%
11) 1,1-Dichloroethene-d2	2.117	63	89716	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.918	46	82813	57.351	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.700%
24) Chloroform-d	4.358	84	114036	5.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.043	65	50531	5.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.800%
32) Benzene-d6	5.056	84	217620	5.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	6.075	67	70213	5.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.320	98	168225	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.628	79	15331	4.273	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.091	63	73606	46.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43727	5.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56191	5.429	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.786	73	4476	0.206	ug/L	# 92
18) trans-1,2-Dichloroethene	2.777	96	1443	0.114	ug/L	89
19) 1,1-Dichloroethane	3.207	63	5814	0.253	ug/L	97
22) cis-1,2-Dichloroethene	3.931	96	17238	1.386	ug/L	97
25) Chloroform	4.391	83	13345	0.566	ug/L	93
29) 1,1,1-Trichloroethane	4.619	97	13402	0.627	ug/L	97
34) Trichloroethene	5.921	95	19256	1.439	ug/L	95
47) Tetrachloroethene	7.979	164	11468	1.107	ug/L	97

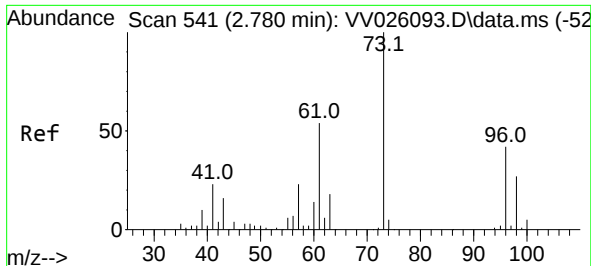
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 11 01:25:15 2022
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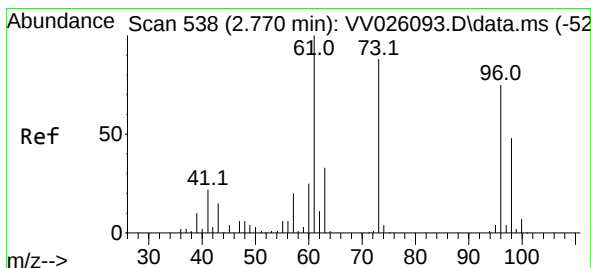
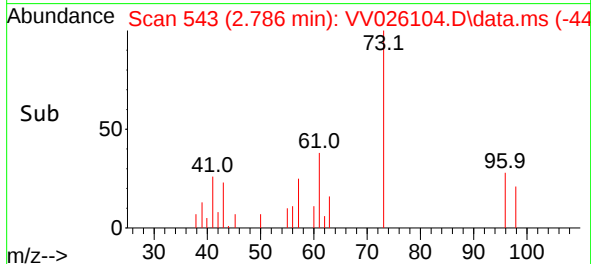
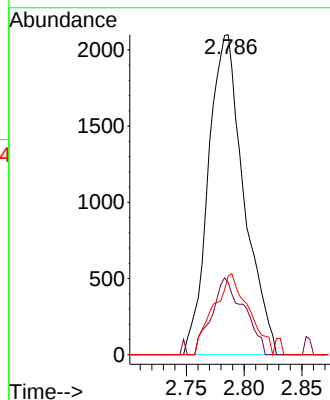
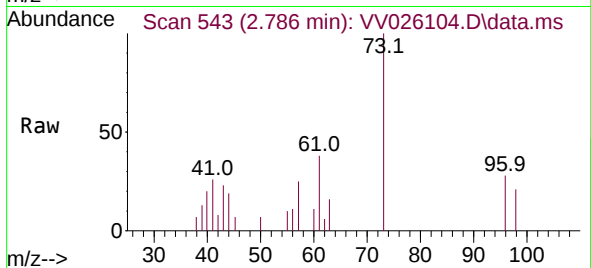




#17
Methyl tert-butyl Ether
Concen: 0.206 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

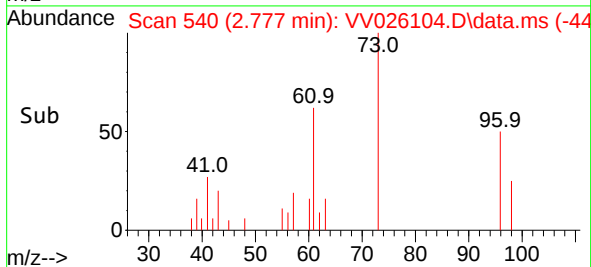
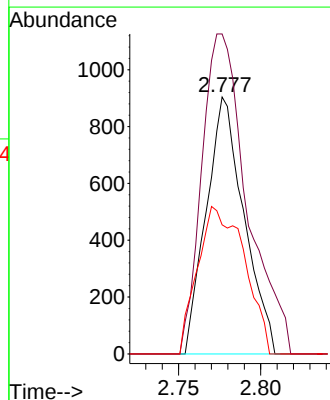
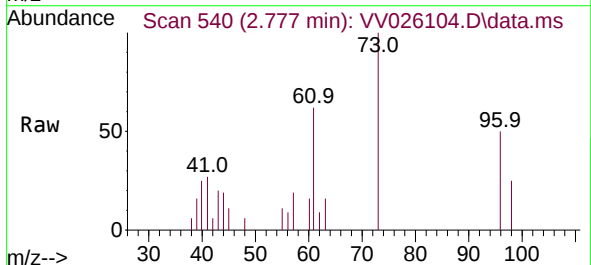
Instrument :
MSVOA_V
ClientSampleId :
EXYT8

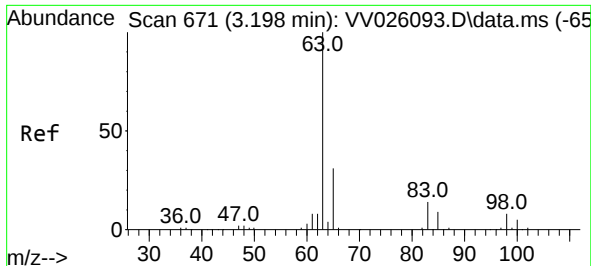
Tgt Ion: 73 Resp: 4476
Ion Ratio Lower Upper
73 100
43 22.0 13.7 20.5#
57 25.2 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

Tgt Ion: 96 Resp: 1443
Ion Ratio Lower Upper
96 100
61 124.6 94.3 175.1
98 50.2 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.207 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

EXYT8

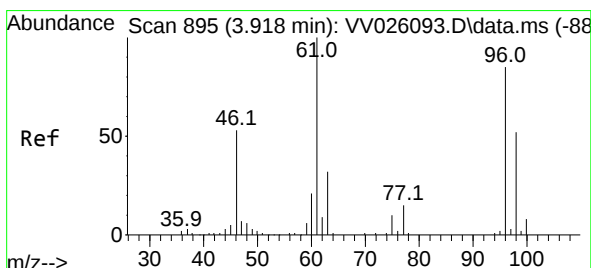
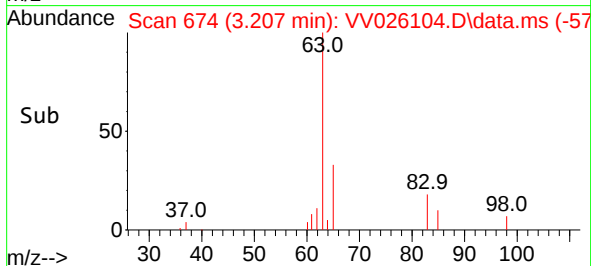
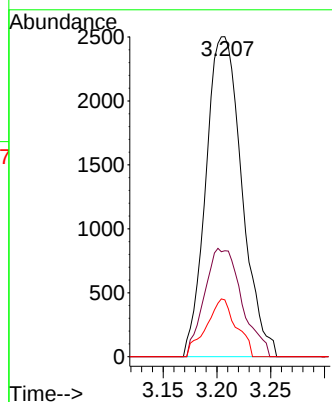
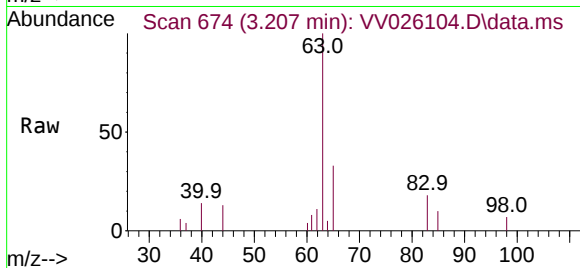
Tgt Ion: 63 Resp: 5814

Ion Ratio Lower Upper

63 100

65 33.1 23.1 42.9

83 17.7 9.7 18.1



#22

cis-1,2-Dichloroethene

Concen: 1.386 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.013 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

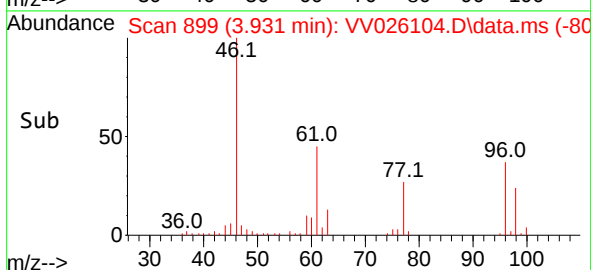
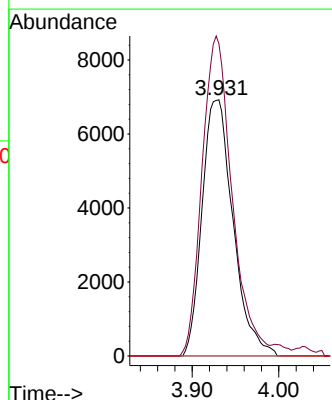
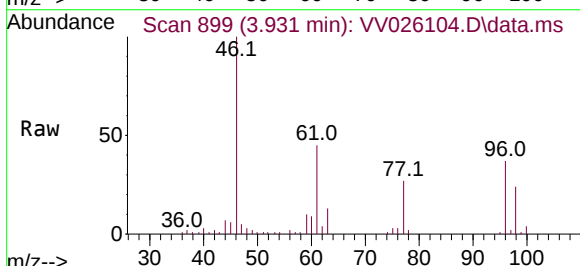
Tgt Ion: 96 Resp: 17238

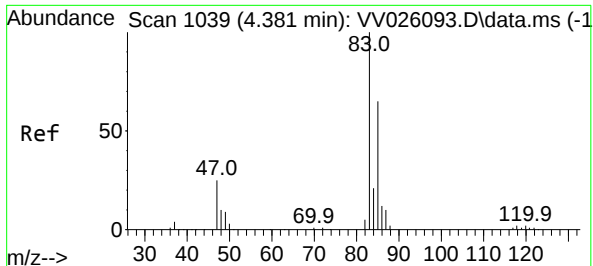
Ion Ratio Lower Upper

96 100

61 121.9 83.1 154.3

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.566 ug/L

RT: 4.391 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

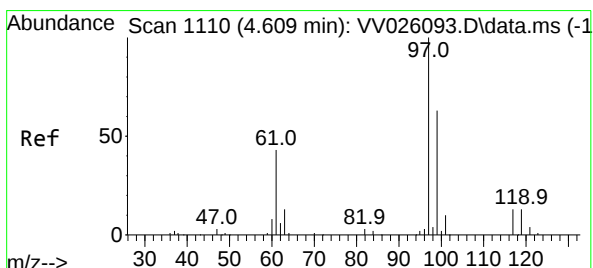
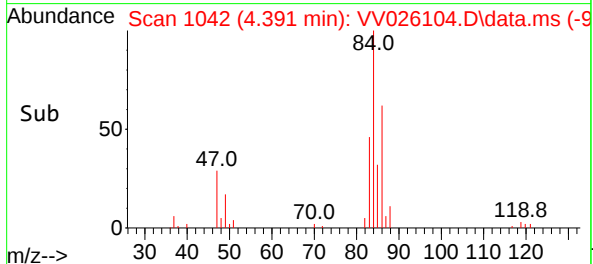
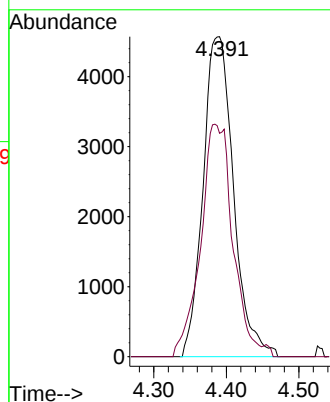
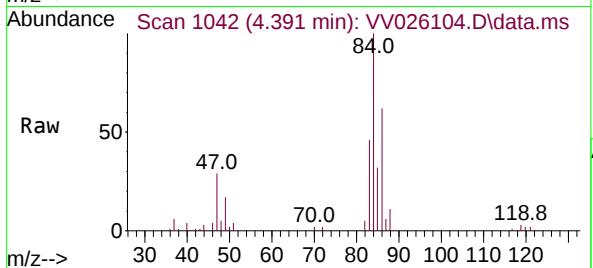
EXYT8

Tgt Ion: 83 Resp: 13345

Ion Ratio Lower Upper

83 100

85 69.8 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.627 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.010 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

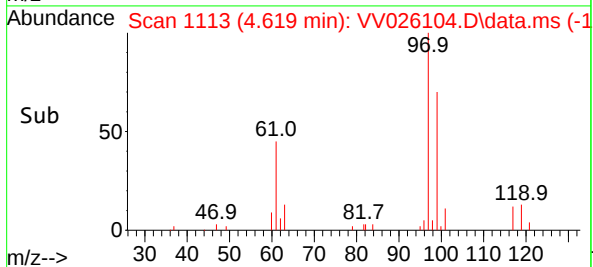
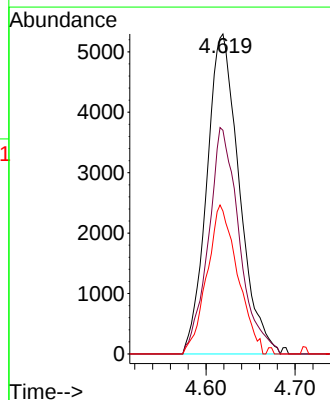
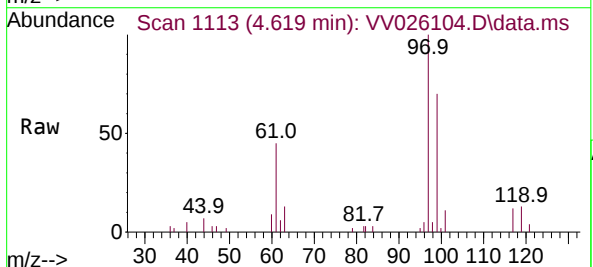
Tgt Ion: 97 Resp: 13402

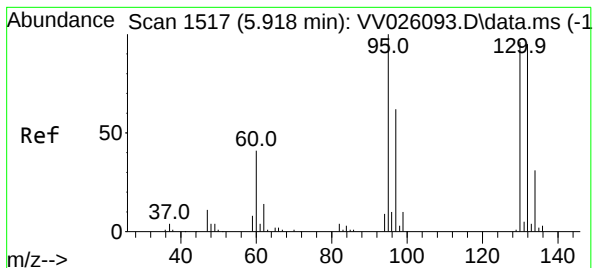
Ion Ratio Lower Upper

97 100

99 67.2 51.4 77.0

61 44.0 34.9 52.3





#34

Trichloroethene

Concen: 1.439 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

EXYT8

Tgt Ion: 95 Resp: 19256

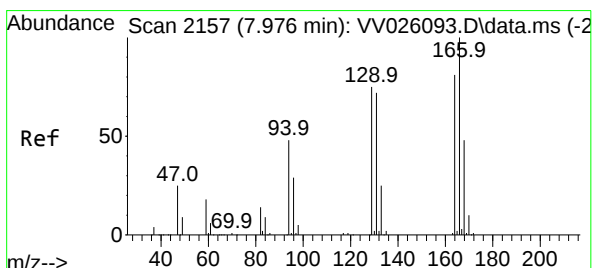
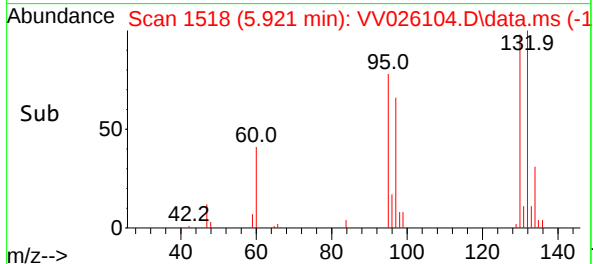
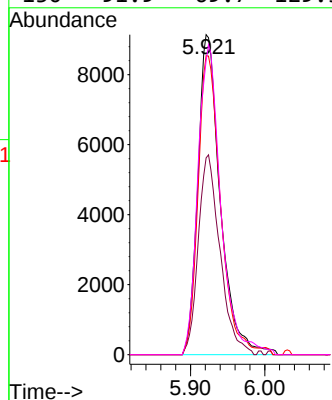
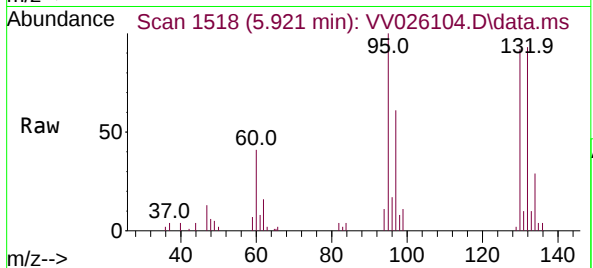
Ion Ratio Lower Upper

95 100

97 61.5 44.0 81.6

132 93.5 67.5 125.4

130 91.9 69.7 129.5



#47

Tetrachloroethene

Concen: 1.107 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Tgt Ion:164 Resp: 11468

Ion Ratio Lower Upper

164 100

129 95.7 68.3 126.9

131 88.0 66.5 123.5

166 125.1 88.1 163.7

