

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029993.D
 Acq On : 30 Jan 2023 15:49
 Operator : SY/MD
 Sample : 01295-03DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:19:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

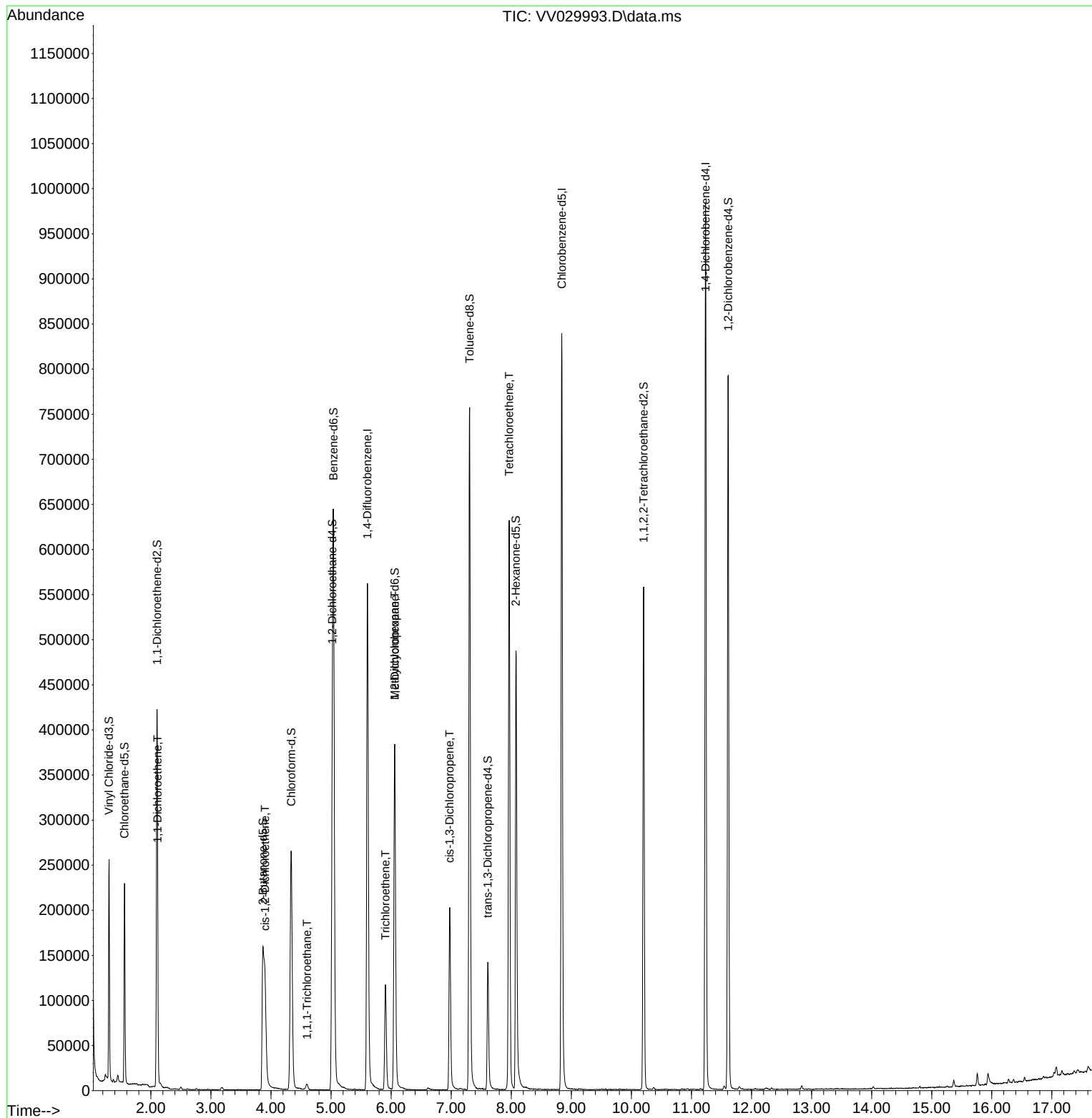
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	495853	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	474170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	258978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	153884	44.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.080%
7) Chloroethane-d5	1.561	69	142204	48.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.860%
11) 1,1-Dichloroethene-d2	2.101	63	219973	35.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	3.863	46	228587	113.537	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.540%
24) Chloroform-d	4.336	84	284404	44.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
26) 1,2-Dichloroethane-d4	5.021	65	168439	46.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
32) Benzene-d6	5.040	84	602153	47.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	6.059	67	202858	51.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.900%
41) Toluene-d8	7.307	98	523106	44.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.609	79	85189	49.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.220%
47) 2-Hexanone-d5	8.079	63	181413	108.047	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.050%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	281475	46.579	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.160%
66) 1,2-Dichlorobenzene-d4	11.612	152	210395	45.595	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	11718	3.520	ug/L #	1
20) cis-1,2-Dichloroethene	3.902	96	53198	13.613	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	4950	0.899	ug/L	96
34) Trichloroethene	5.905	95	42840	11.940	ug/L	97
35) Methylcyclohexane	6.059	83	44264	7.637	ug/L #	21
39) cis-1,3-Dichloropropene	6.976	75	4826	0.922	ug/L #	59
46) Tetrachloroethene	7.966	164	146680	49.560	ug/L	98

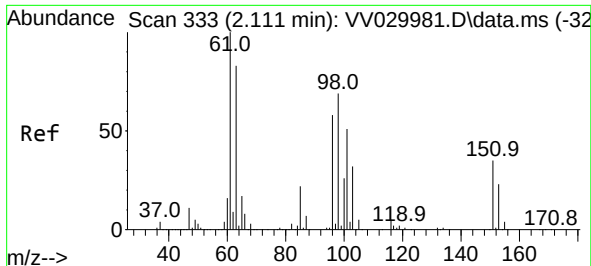
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 31 02:16:13 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.520 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

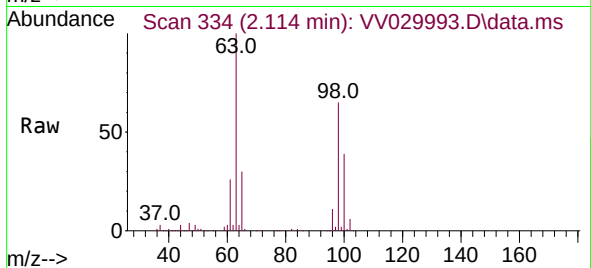
Lab File: VV029993.D

Acq: 30 Jan 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :



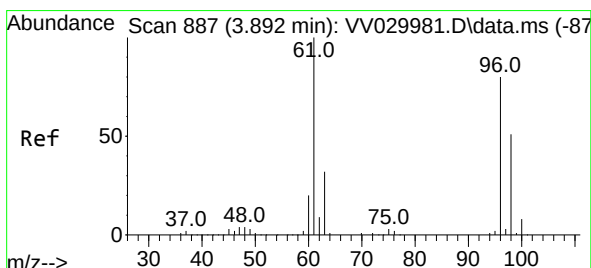
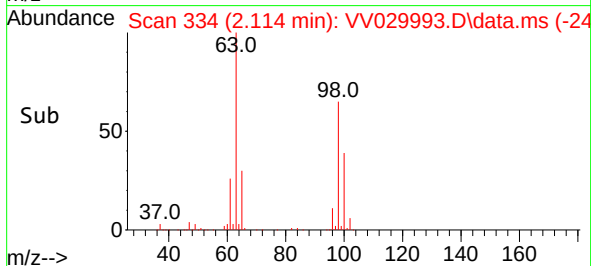
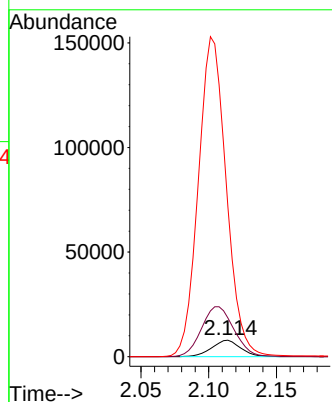
Tgt Ion: 96 Resp: 11718

Ion Ratio Lower Upper

96 100

61 234.3 110.2 204.6#

63 906.3 88.6 164.6#



#20

cis-1,2-Dichloroethene

Concen: 13.613 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.009 min

Lab File: VV029993.D

Acq: 30 Jan 2023 15:49

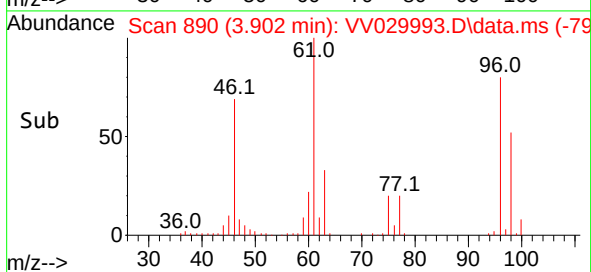
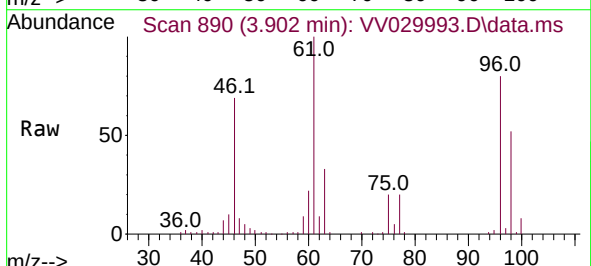
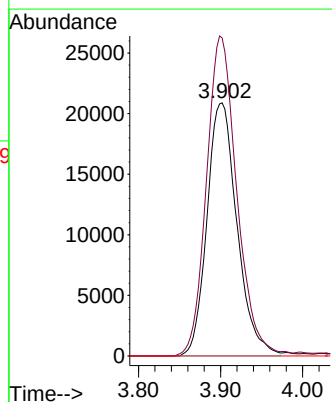
Tgt Ion: 96 Resp: 53198

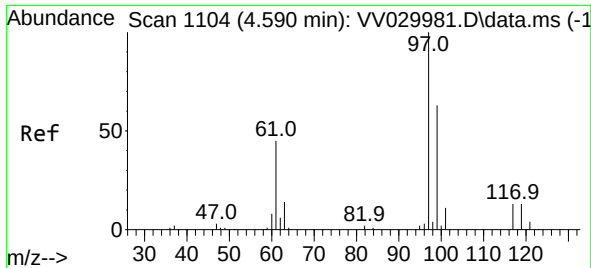
Ion Ratio Lower Upper

96 100

61 125.7 82.5 153.3

68 0.0 0.0 0.0

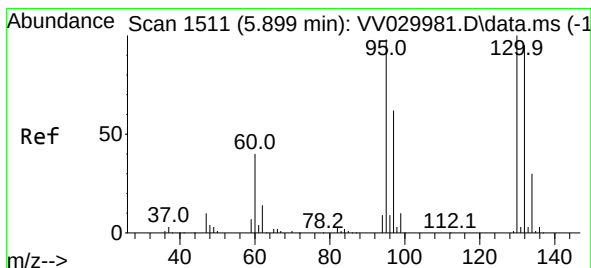
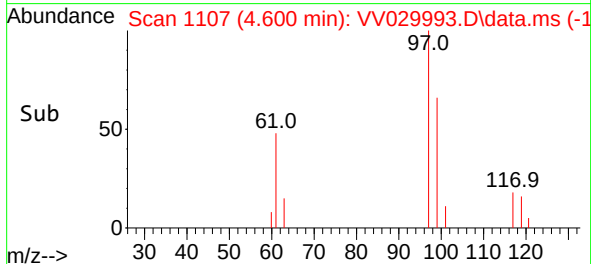
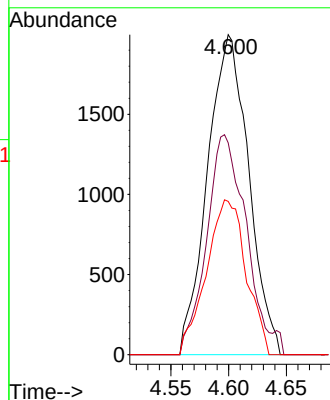
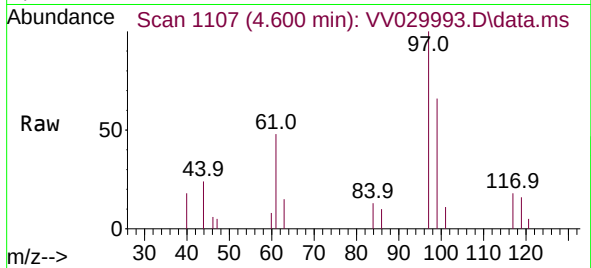




#30
1,1,1-Trichloroethane
Concen: 0.899 ug/L
RT: 4.600 min Scan# 1104
Delta R.T. 0.009 min
Lab File: VV029993.D
Acq: 30 Jan 2023 15:49

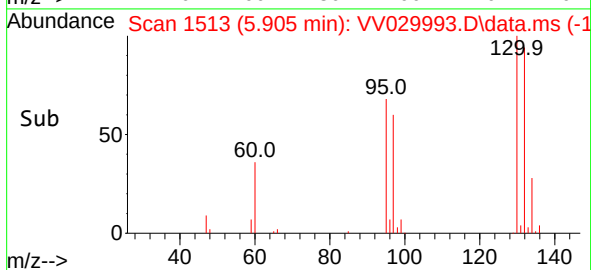
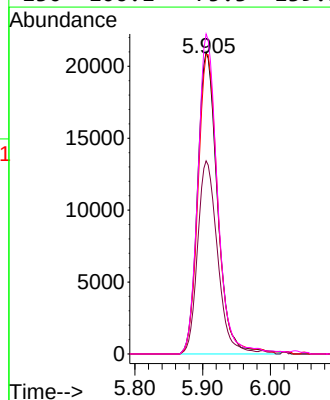
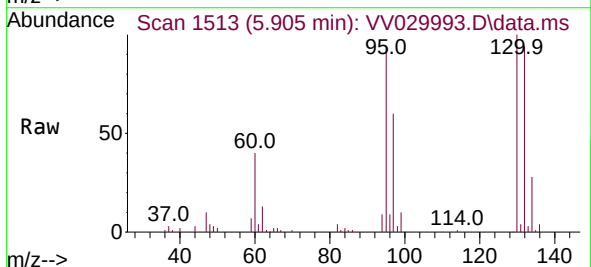
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MSVOA_V
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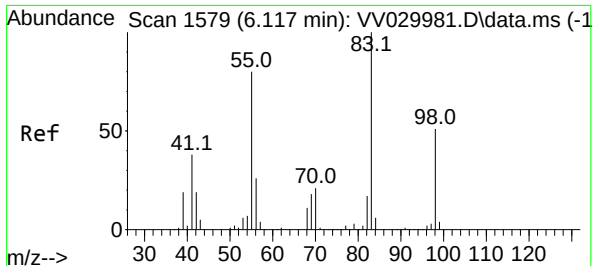
Tgt Ion: 97	Resp: 4950
Ion Ratio	Lower Upper
97 100	
99 65.4	51.9 77.9
61 46.7	32.2 48.2



#34
Trichloroethene
Concen: 11.940 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VV029993.D
Acq: 30 Jan 2023 15:49

Tgt Ion: 95	Resp: 42840
Ion Ratio	Lower Upper
95 100	
97 64.0	46.5 86.5
132 99.3	71.8 133.4
130 106.1	75.3 139.9





#35

Methylcyclohexane

Concen: 7.637 ug/L

RT: 6.059 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029993.D

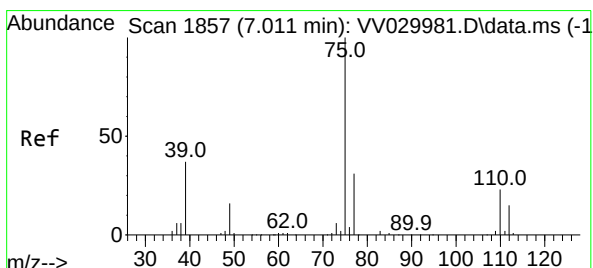
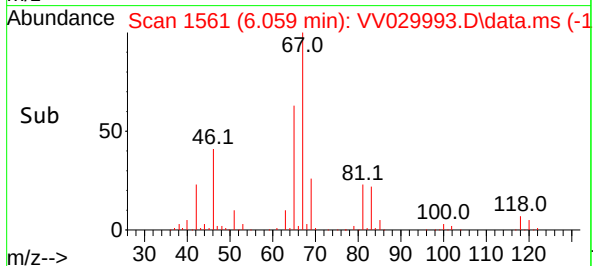
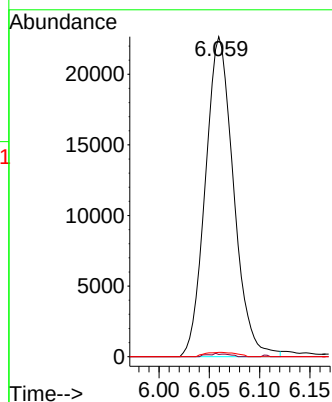
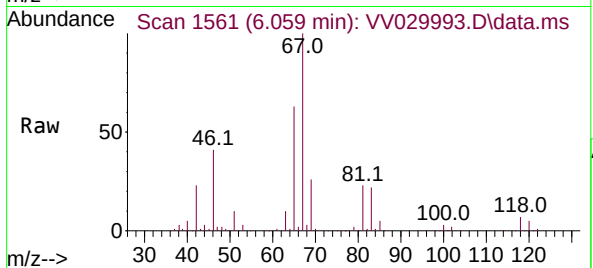
Acq: 30 Jan 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 44264
Ion Ratio	Lower Upper
83 100	
55 0.1	56.2 84.2#
98 1.5	38.5 57.7#



#39

cis-1,3-Dichloropropene

Concen: 0.922 ug/L

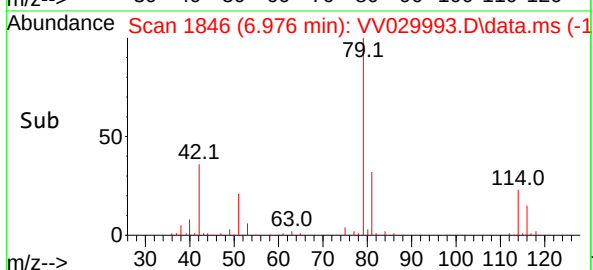
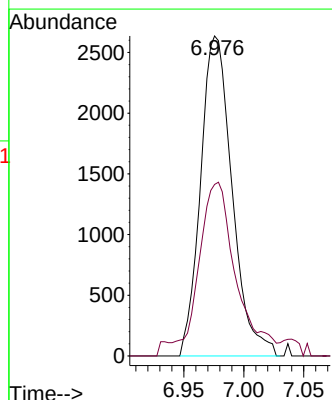
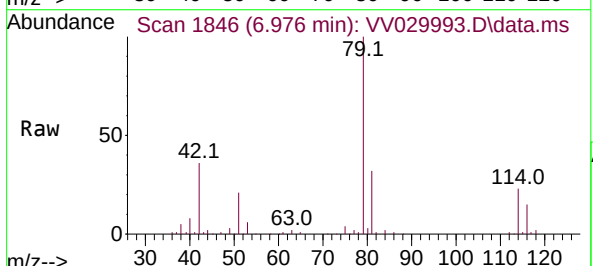
RT: 6.976 min Scan# 1846

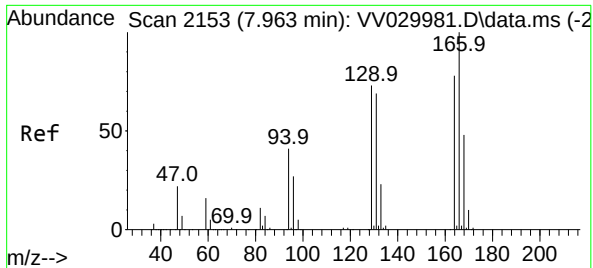
Delta R.T. -0.036 min

Lab File: VV029993.D

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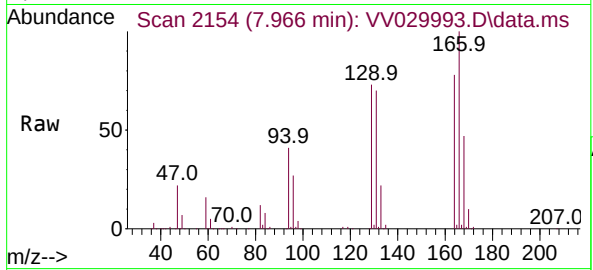
Tgt Ion: 75	Resp: 4826
Ion Ratio	Lower Upper
75 100	
77 53.6	21.8 40.4#





#46
 Tetrachloroethene
 Concen: 49.560 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. 0.003 min
 Lab File: VV029993.D
 Acq: 30 Jan 2023 15:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	146680
Ion	Ratio	Lower	Upper
164	100		
129	92.9	64.6	120.0
131	89.9	61.8	114.8
166	127.6	90.9	168.9

