

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV029992.D
 Acq On : 30 Jan 2023 15:25
 Operator : SY/MD
 Sample : 01295-02DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:19:42 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)

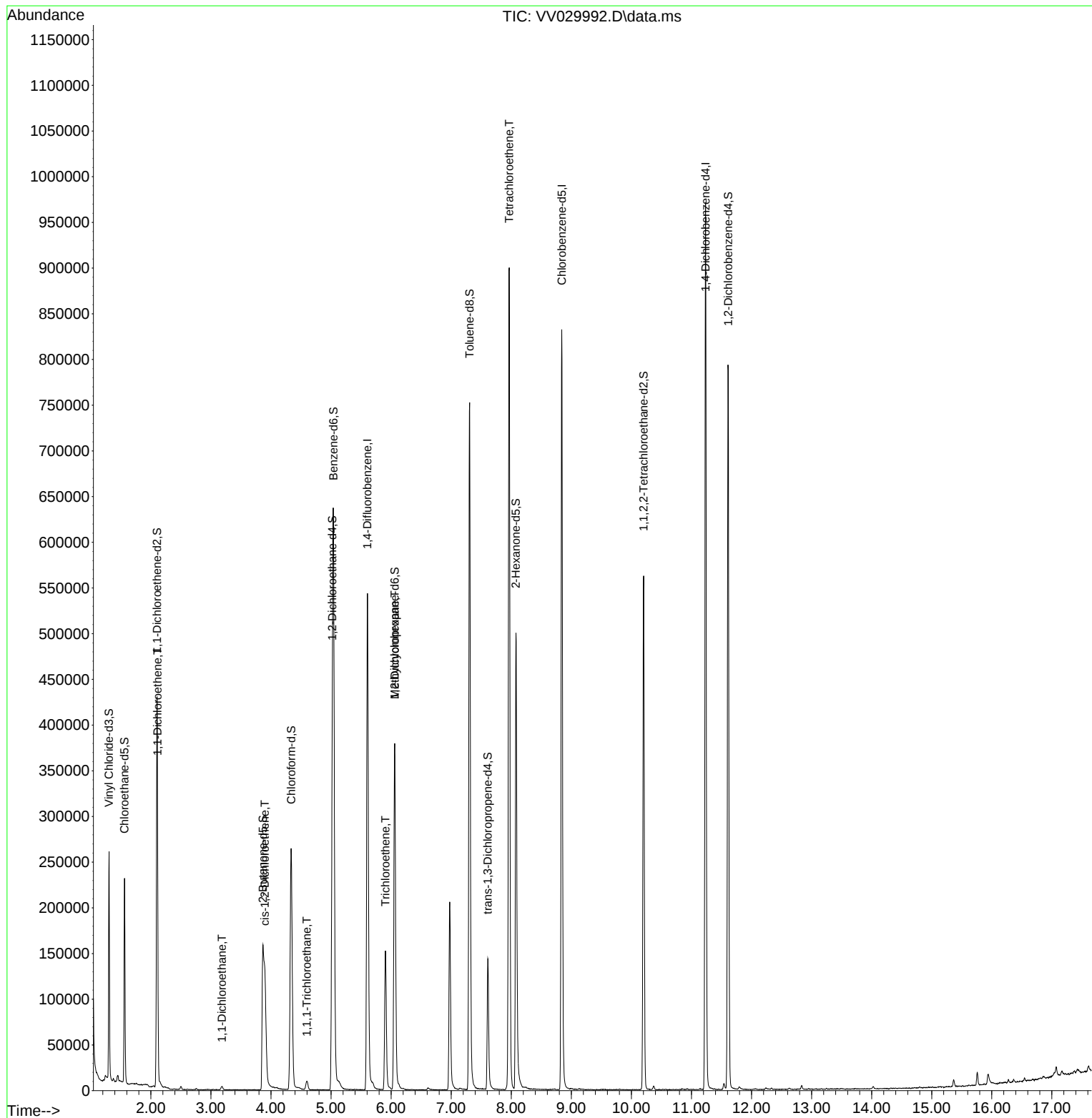
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	483606	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	469024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	256412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	153387	45.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.040%
7) Chloroethane-d5	1.561	69	143044	50.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.920%
11) 1,1-Dichloroethene-d2	2.101	63	224663	37.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.040%
21) 2-Butanone-d5	3.863	46	225789	114.988	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.990%
24) Chloroform-d	4.336	84	282545	45.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.021	65	170015	48.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
32) Benzene-d6	5.040	84	600029	47.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.640%
36) 1,2-Dichloropropane-d6	6.059	67	203198	52.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.220%
41) Toluene-d8	7.307	98	517996	45.045	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
43) trans-1,3-Dichloroprop...	7.609	79	87031	50.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.460%
47) 2-Hexanone-d5	8.079	63	185172	111.495	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	286116	47.867	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.740%
66) 1,2-Dichlorobenzene-d4	11.612	152	211975	46.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	16875	5.197	ug/L #	1
19) 1,1-Dichloroethane	3.182	63	4226	0.683	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	53036	13.915	ug/L	95
30) 1,1,1-Trichloroethane	4.597	97	8001	1.468	ug/L	96
34) Trichloroethene	5.905	95	55909	15.754	ug/L	97
35) Methylcyclohexane	6.059	83	45568	7.948	ug/L #	22
46) Tetrachloroethene	7.966	164	210287	71.831	ug/L	98

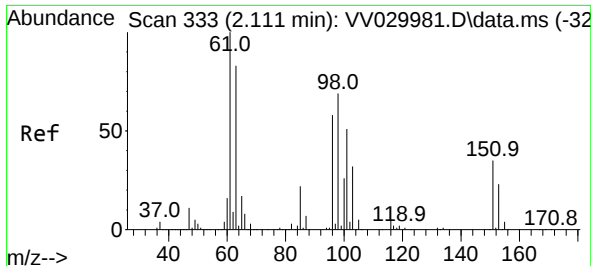
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 31 02:16:13 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.197 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

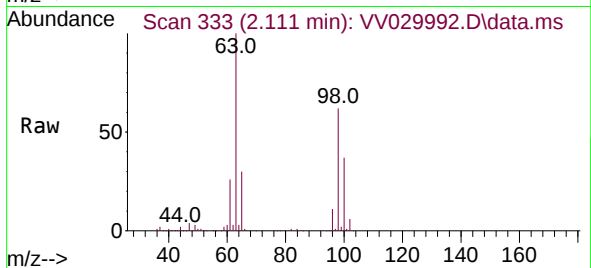
Lab File: VV029992.D

Acq: 30 Jan 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :



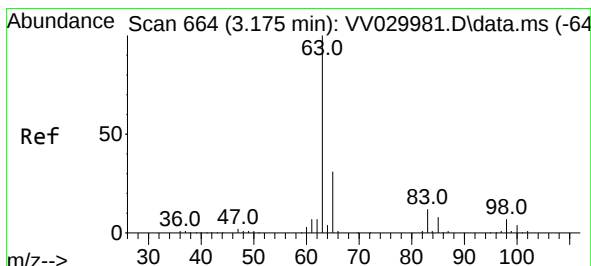
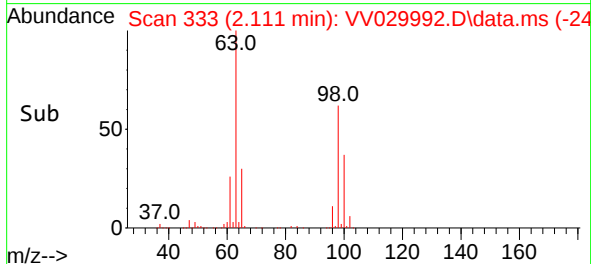
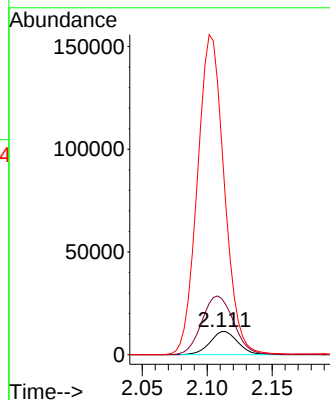
Tgt Ion: 96 Resp: 16875

Ion Ratio Lower Upper

96 100

61 241.3 110.2 204.6#

63 914.1 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.683 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.006 min

Lab File: VV029992.D

Acq: 30 Jan 2023 15:25

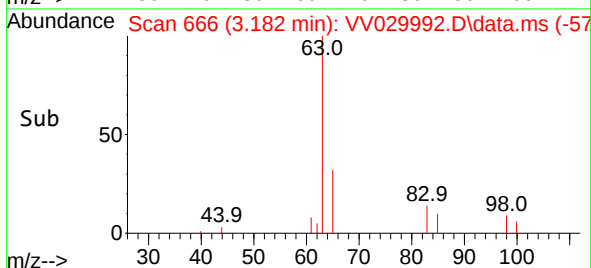
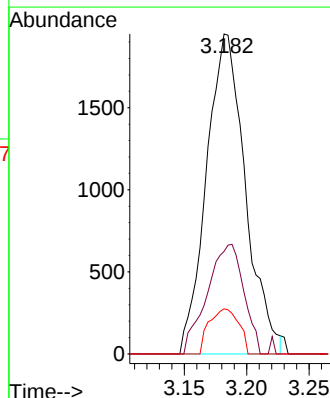
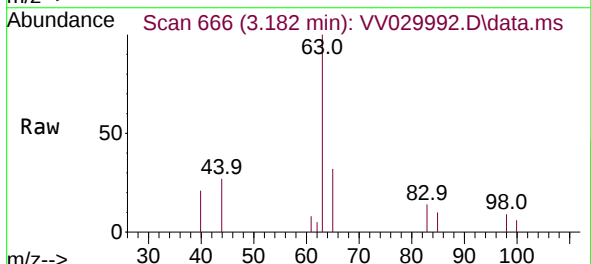
Tgt Ion: 63 Resp: 4226

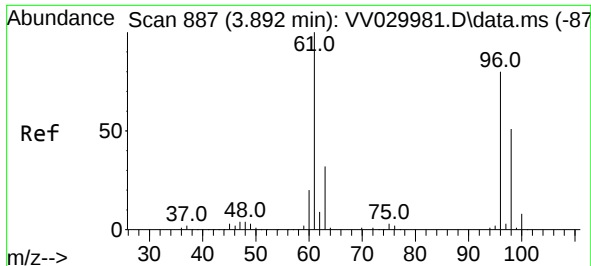
Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

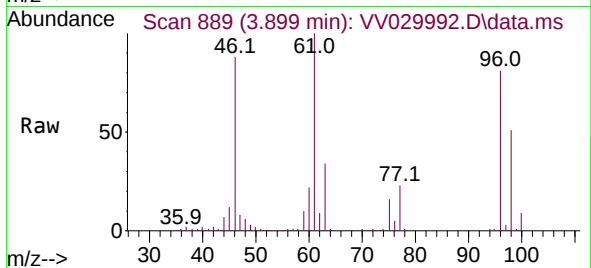
83 14.1 9.6 17.8



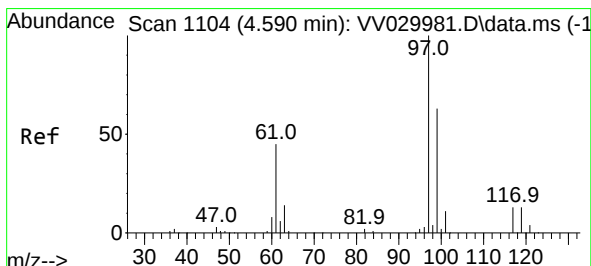
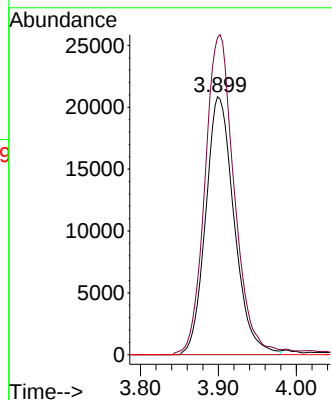
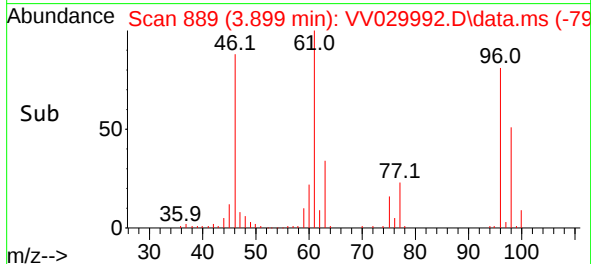


#20
 cis-1,2-Dichloroethene
 Concen: 13.915 ug/L
 RT: 3.899 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV029992.D
 Acq: 30 Jan 2023 15:25

Instrument :
 MSVOA_V
 ClientSampleId :

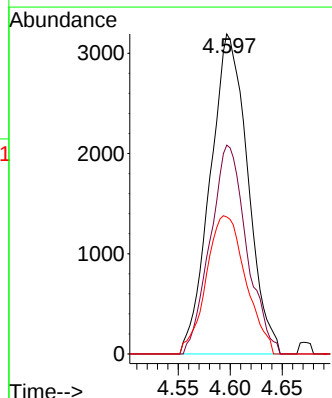
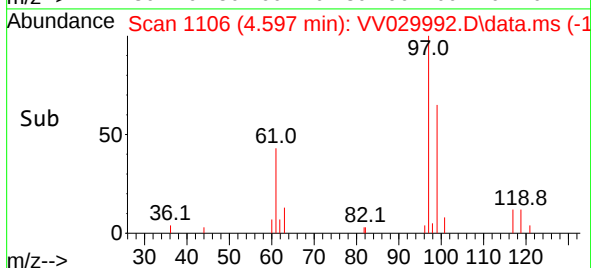
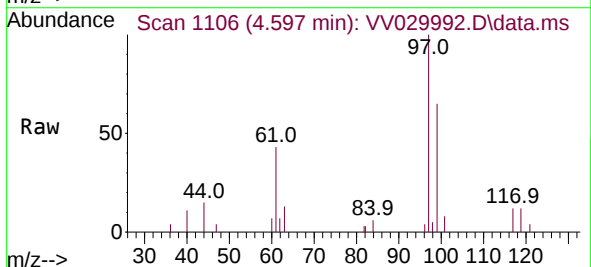


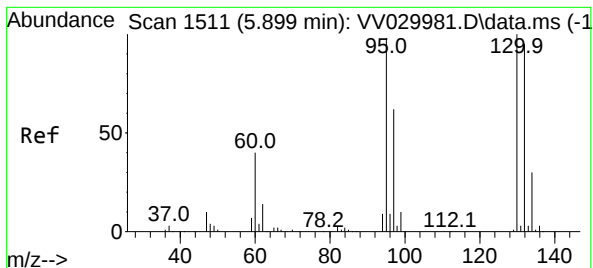
Tgt Ion: 96 Resp: 53036
 Ion Ratio Lower Upper
 96 100
 61 122.9 82.5 153.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.468 ug/L
 RT: 4.597 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: VV029992.D
 Acq: 30 Jan 2023 15:25

Tgt Ion: 97 Resp: 8001
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.9 77.9
 61 45.5 32.2 48.2





#34

Trichloroethene

Concen: 15.754 ug/L

RT: 5.905 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VV029992.D

Acq: 30 Jan 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 55909

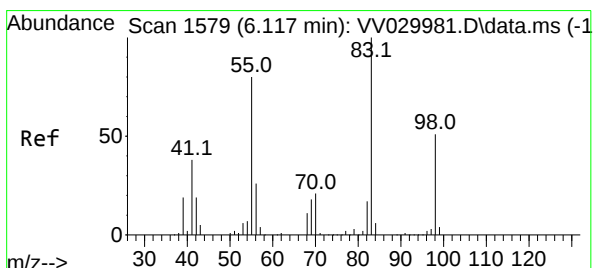
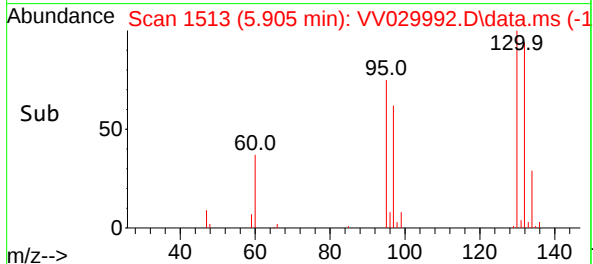
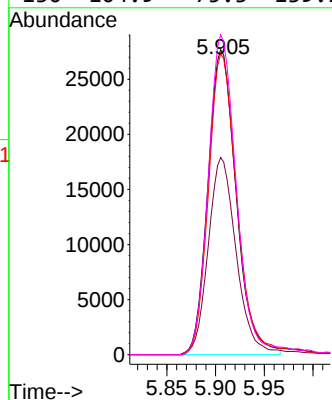
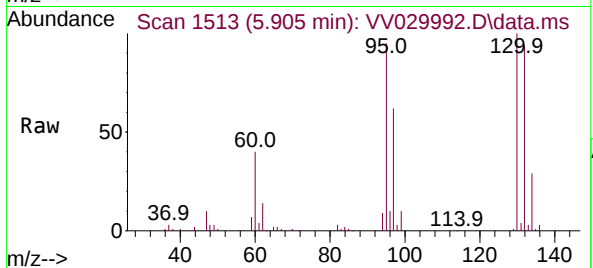
Ion Ratio Lower Upper

95 100

97 64.7 46.5 86.5

132 98.6 71.8 133.4

130 104.9 75.3 139.9



#35

Methylcyclohexane

Concen: 7.948 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.058 min

Lab File: VV029992.D

Acq: 30 Jan 2023 15:25

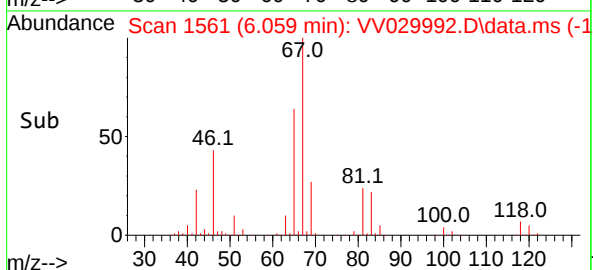
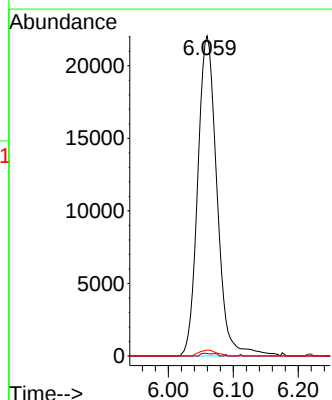
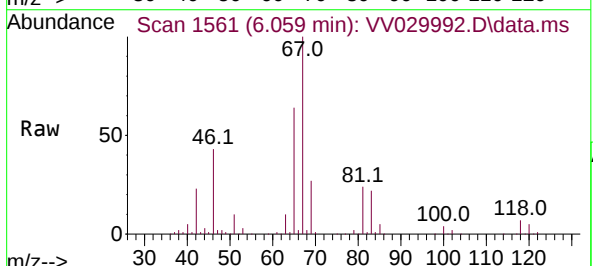
Tgt Ion: 83 Resp: 45568

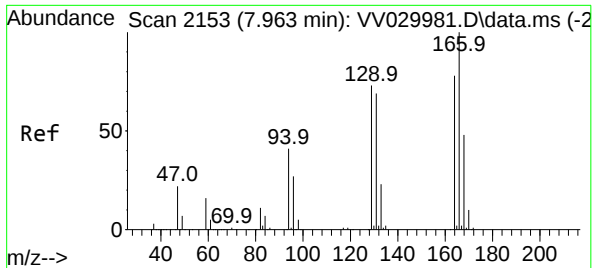
Ion Ratio Lower Upper

83 100

55 0.4 56.2 84.2#

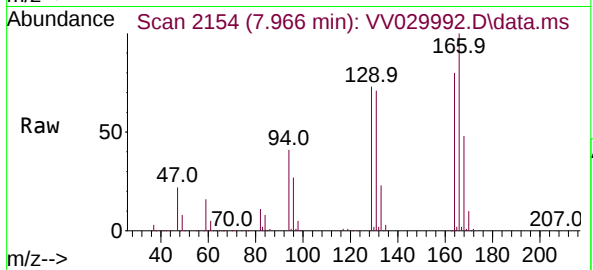
98 1.6 38.5 57.7#





#46
 Tetrachloroethene
 Concen: 71.831 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. 0.003 min
 Lab File: VV029992.D
 Acq: 30 Jan 2023 15:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	210287
Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.6	120.0
131	88.8	61.8	114.8
166	125.6	90.9	168.9

