

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022710.D
 Acq On : 08 Oct 2021 18:31
 Operator : SY/MD
 Sample : M4022-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ7

Quant Time: Oct 09 01:26:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

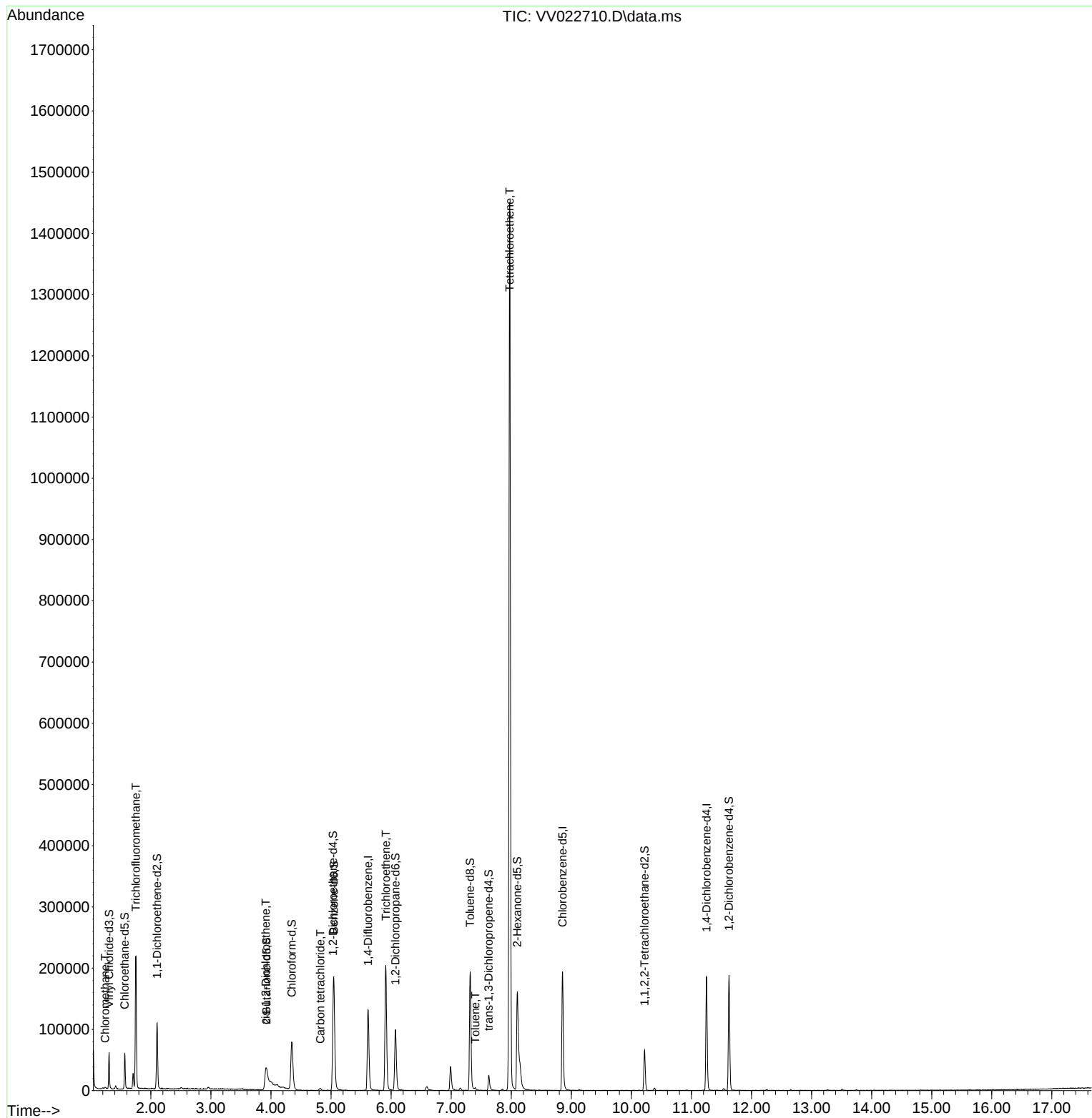
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116645	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35847	4.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.565	69	33770	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.105	63	55611	3.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.928	46	84979	40.384	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.760%
24) Chloroform-d	4.346	84	82007	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	39192	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	155604	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.072	67	49125	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.317	98	132061	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	15054	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.101	63	66233	49.406	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32114	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	50887	5.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1246	0.146	ug/L	99
9) Trichlorofluoromethane	1.751	101	123461	9.548	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	5322	0.661	ug/L	87
31) Carbon tetrachloride	4.822	117	2261	0.201	ug/L	92
34) Trichloroethene	5.912	95	68720	8.249	ug/L	98
42) Toluene	7.404	91	2275	0.073	ug/L	97
47) Tetrachloroethene	7.976	164	333732	49.534	ug/L	98

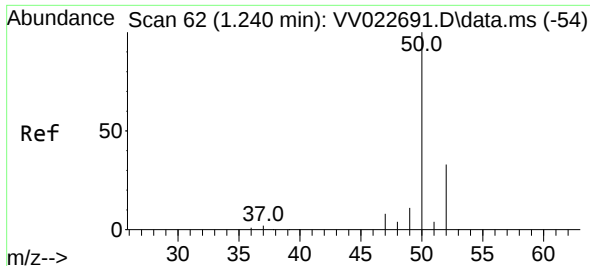
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
Data File : VV022710.D
Acq On : 08 Oct 2021 18:31
Operator : SY/MD
Sample : M4022-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ7

Quant Time: Oct 09 01:26:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 09 01:23:25 2021
Response via : Initial Calibration

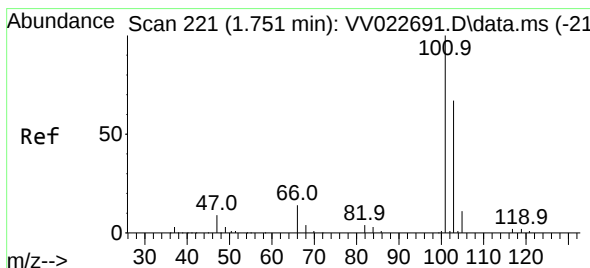
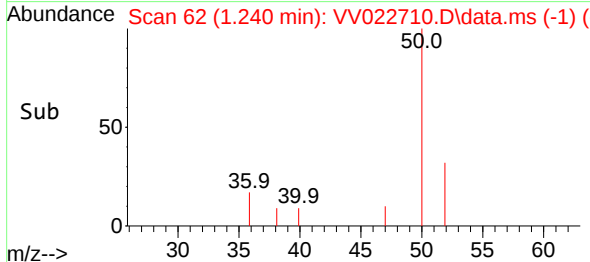
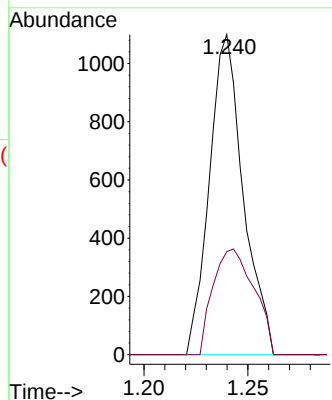
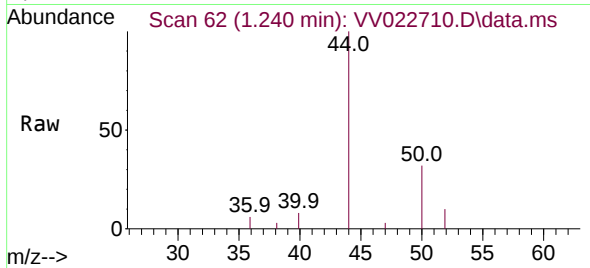




#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

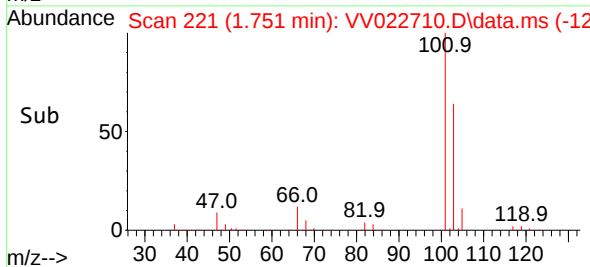
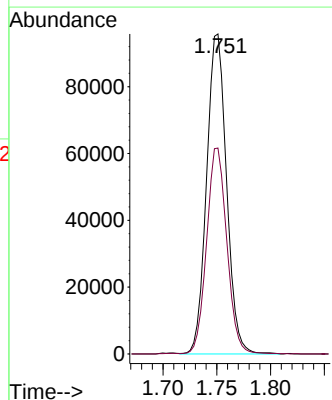
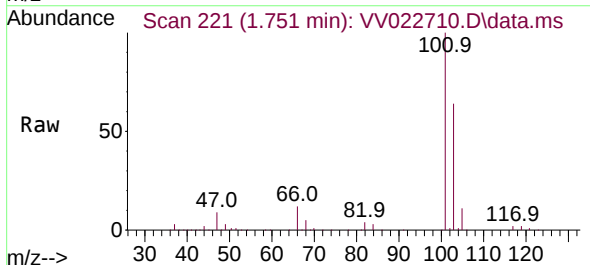
Instrument :
MSVOA_V
ClientSampleId :
C0AZ7

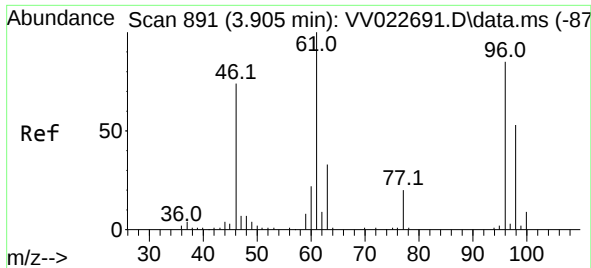
Tgt Ion: 50 Resp: 1246
Ion Ratio Lower Upper
50 100
52 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 9.548 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion: 101 Resp: 123461
Ion Ratio Lower Upper
101 100
103 65.4 50.3 75.5

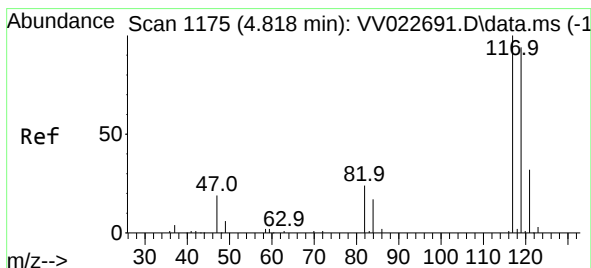
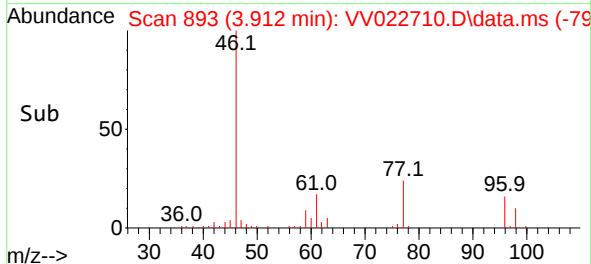
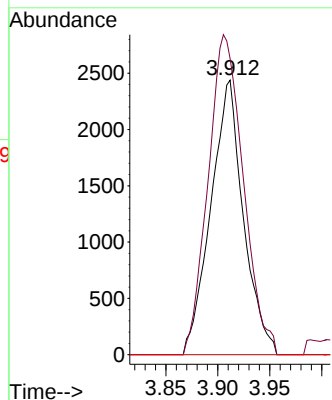
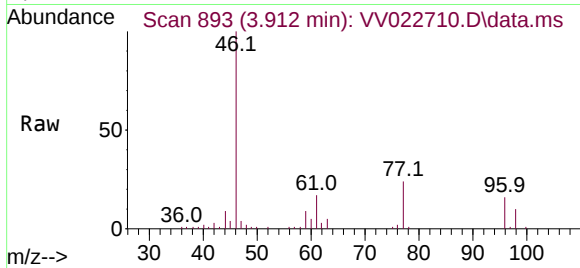




#22
 cis-1,2-Dichloroethene
 Concen: 0.661 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.007 min
 Lab File: VV022710.D
 Acq: 08 Oct 2021 18:31

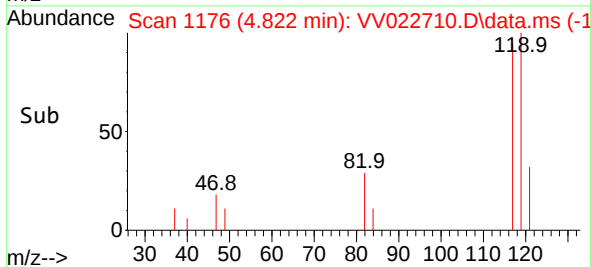
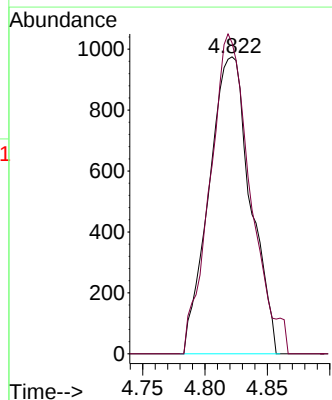
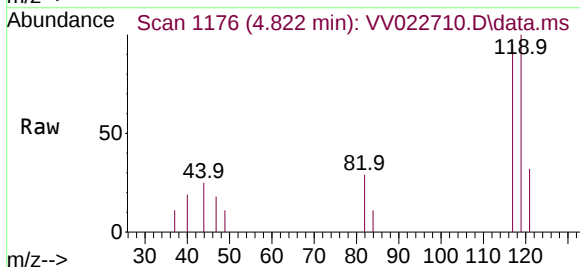
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ7

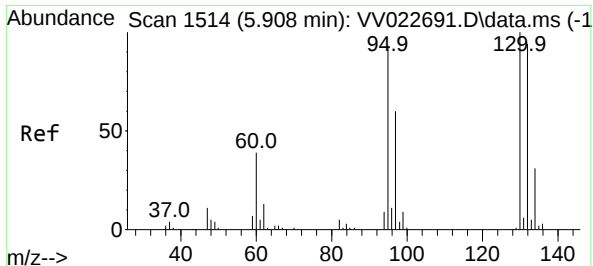
Tgt Ion: 96	Resp: 5322
Ion Ratio	Lower Upper
96 100	
61 107.8	86.0 159.6
68 0.0	0.0 0.0



#31
 Carbon tetrachloride
 Concen: 0.201 ug/L
 RT: 4.822 min Scan# 1176
 Delta R.T. 0.003 min
 Lab File: VV022710.D
 Acq: 08 Oct 2021 18:31

Tgt Ion: 117	Resp: 2261
Ion Ratio	Lower Upper
117 100	
119 104.5	77.4 116.0





#34

Trichloroethene

Concen: 8.249 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022710.D

Acq: 08 Oct 2021 18:31

Tgt Ion: 95 Resp: 68720

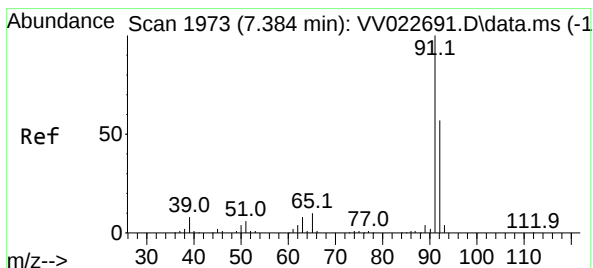
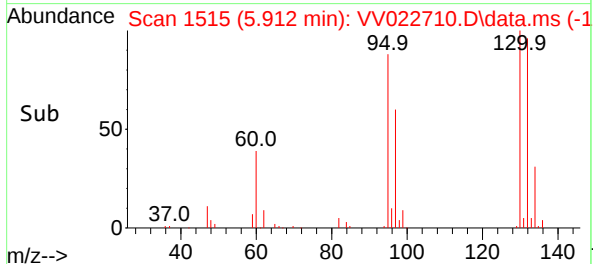
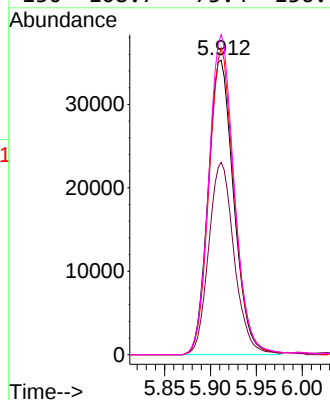
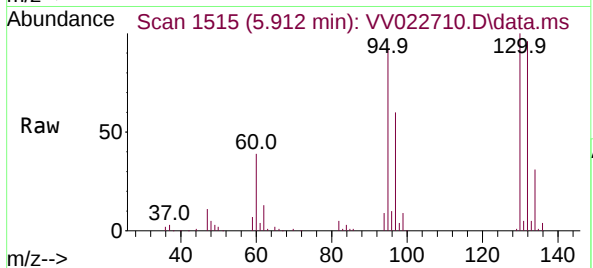
Ion Ratio Lower Upper

95 100

97 65.3 45.8 85.2

132 104.2 72.2 134.0

130 108.7 73.4 136.4



#42

Toluene

Concen: 0.073 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.019 min

Lab File: VV022710.D

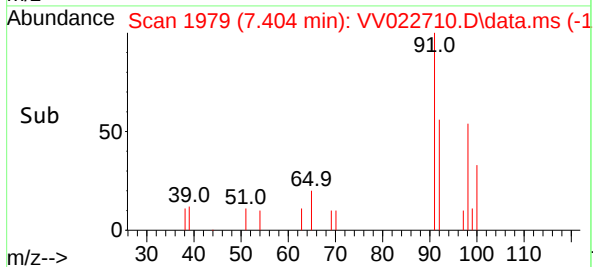
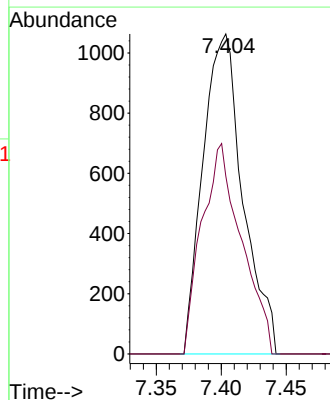
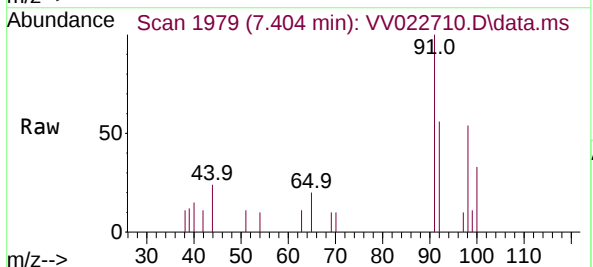
Acq: 08 Oct 2021 18:31

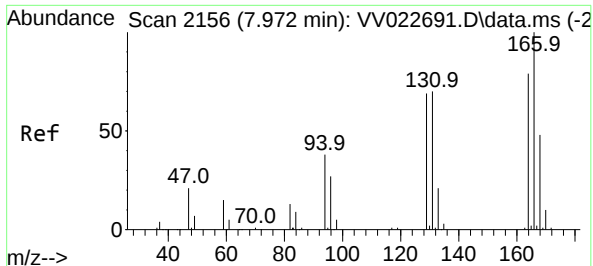
Tgt Ion: 91 Resp: 2275

Ion Ratio Lower Upper

91 100

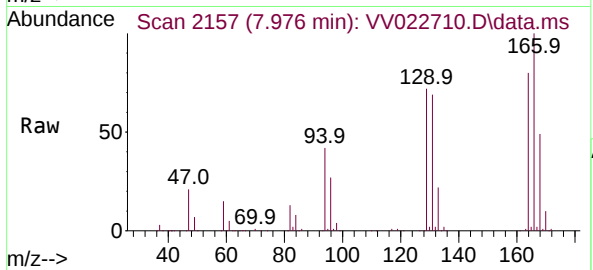
92 55.6 40.7 75.7





#47
Tetrachloroethene
Concen: 49.534 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Instrument :
MSVOA_V
ClientSampleId :
C0AZ7



Tgt Ion:	164	Resp:	333732
Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.0	120.6
131	86.7	62.2	115.4
166	124.9	89.2	165.8

