

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025427.D
 Acq On : 08 Apr 2022 22:15
 Operator : SY/MD
 Sample : N2319-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H6

Quant Time: Apr 09 06:27:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

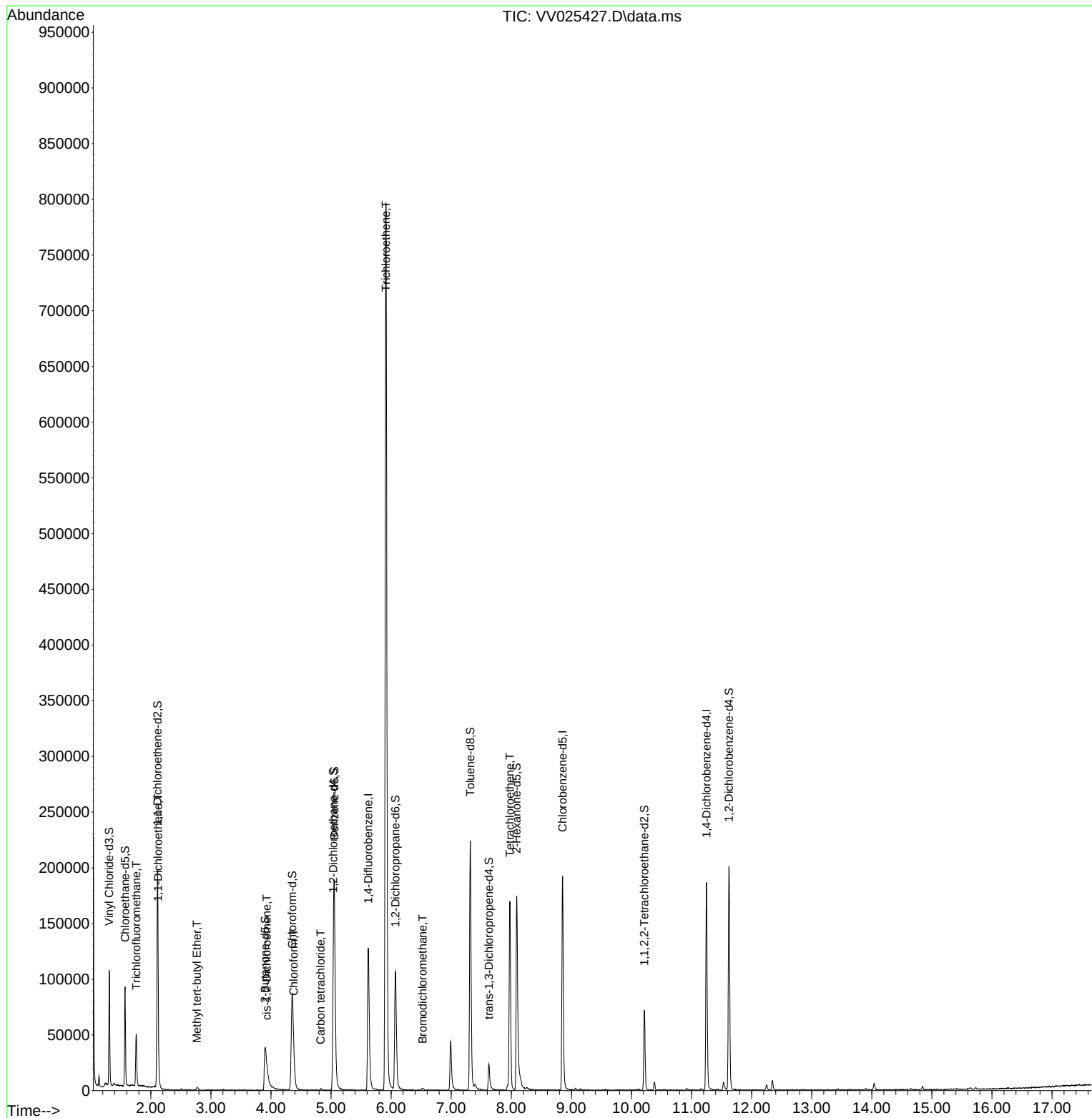
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114193	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65125	6.134	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	122.600%	
7) Chloroethane-d5	1.571	69	55297	4.896	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.111	63	99867	4.696	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	3.902	46	72929	56.473	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.940%	
24) Chloroform-d	4.352	84	86129	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4	5.037	65	43004	6.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.400%	
32) Benzene-d6	5.053	84	177518	5.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	6.072	67	51871	5.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.000%	
41) Toluene-d8	7.317	98	151908	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14468	4.812	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.088	63	61175	57.968	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.940%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33774	5.976	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52120	6.530	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	130.600%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	27204	1.529	ug/L	97
12) 1,1-Dichloroethene	2.121	96	8775	0.886	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	2207	0.144	ug/L #	90
22) cis-1,2-Dichloroethene	3.931	96	1773	0.203	ug/L	77
25) Chloroform	4.378	83	18073	1.218	ug/L	99
31) Carbon tetrachloride	4.828	117	873	0.079	ug/L #	72
34) Trichloroethene	5.912	95	272018	31.282	ug/L	100
38) Bromodichloromethane	6.523	83	1509	0.160	ug/L #	86
47) Tetrachloroethene	7.976	164	36778	5.402	ug/L	96

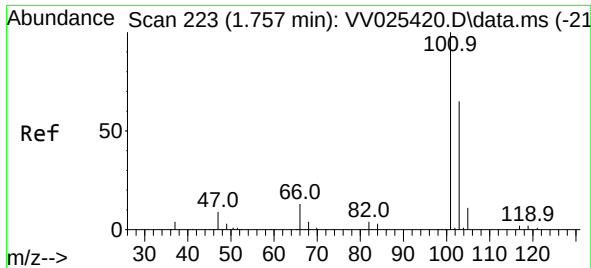
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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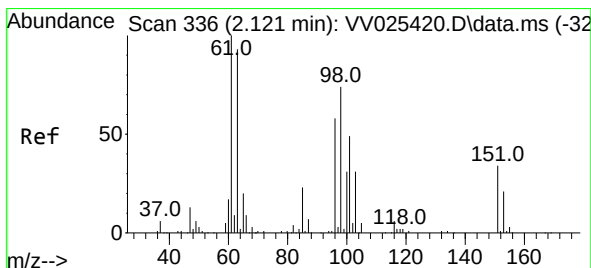
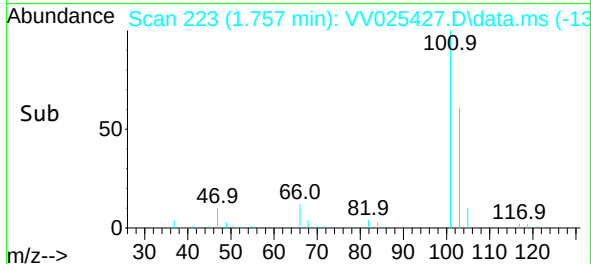
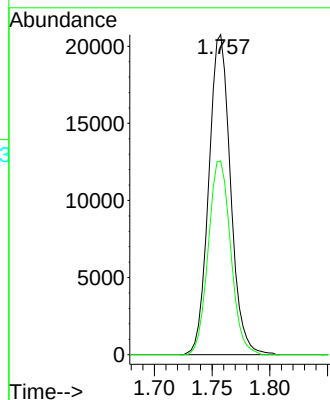
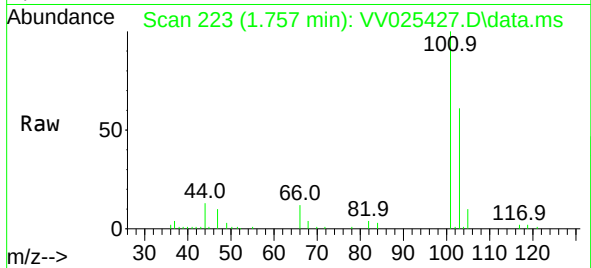




#9
 Trichlorofluoromethane
 Concen: 1.529 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025427.D
 Acq: 08 Apr 2022 22:15

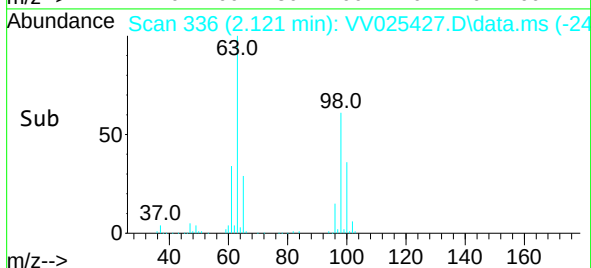
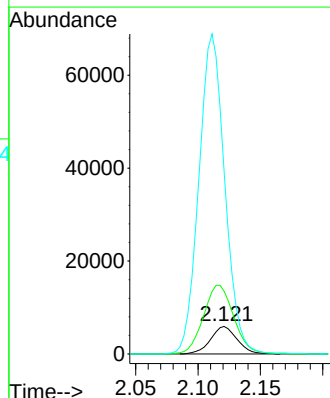
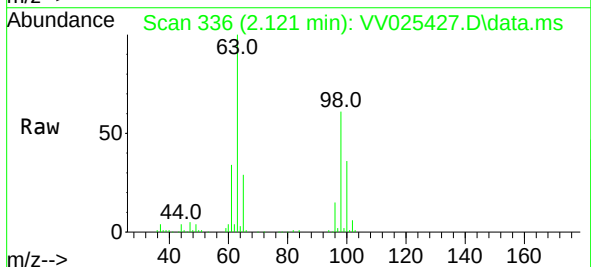
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H6

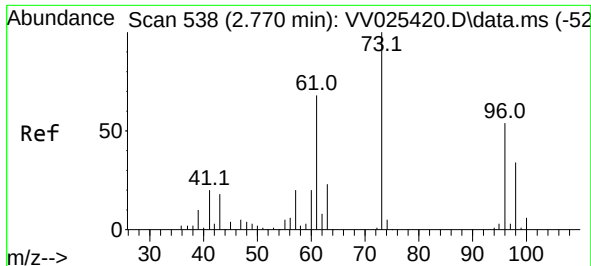
Tgt Ion:101 Resp: 27204
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.9 77.9



#12
 1,1-Dichloroethene
 Concen: 0.886 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025427.D
 Acq: 08 Apr 2022 22:15

Tgt Ion: 96 Resp: 8775
 Ion Ratio Lower Upper
 96 100
 61 228.0 125.2 232.4
 63 665.1 114.4 212.4#

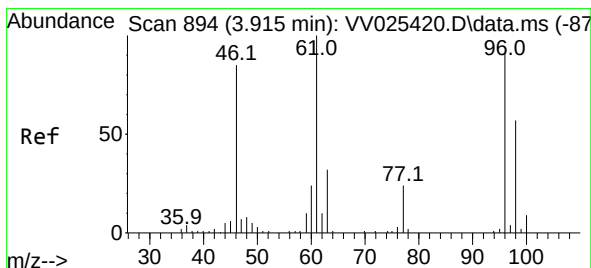
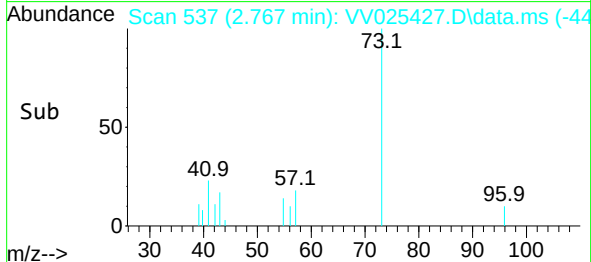
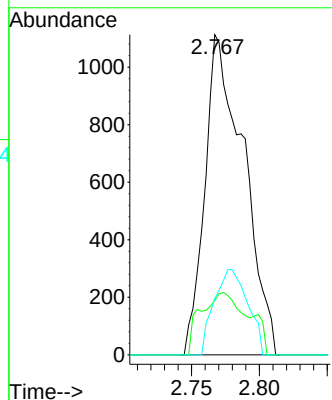
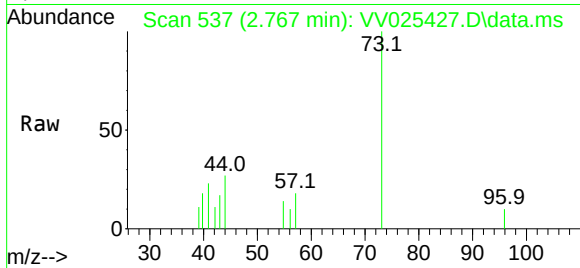




#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025427.D
Acq: 08 Apr 2022 22:15

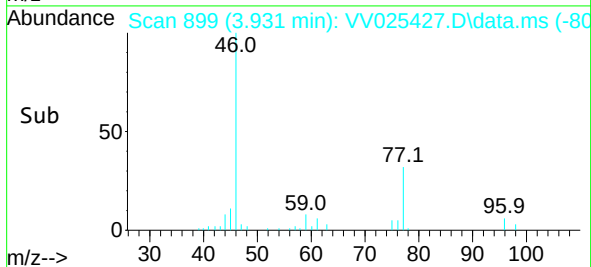
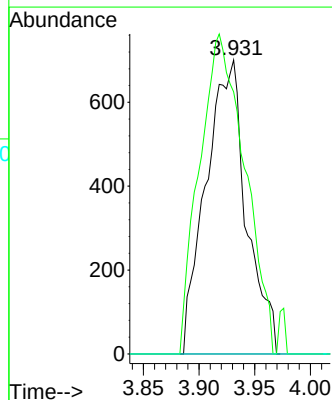
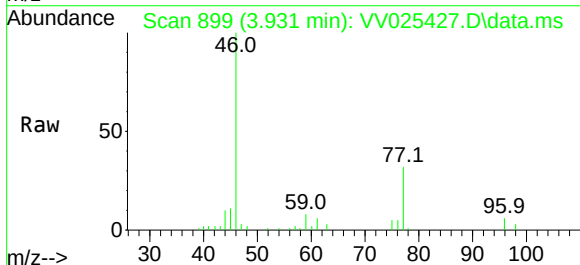
Instrument :
MSVOA_V
ClientSampleId :
YB2H6

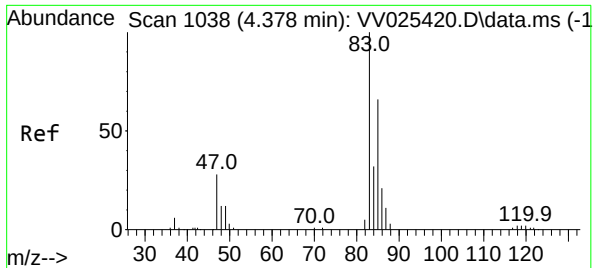
Tgt Ion: 73 Resp: 2207
Ion Ratio Lower Upper
73 100
43 24.0 14.2 21.4#
57 23.1 16.1 24.1



#22
cis-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.016 min
Lab File: VV025427.D
Acq: 08 Apr 2022 22:15

Tgt Ion: 96 Resp: 1773
Ion Ratio Lower Upper
96 100
61 89.2 80.0 148.6
68 0.0 0.0 0.0

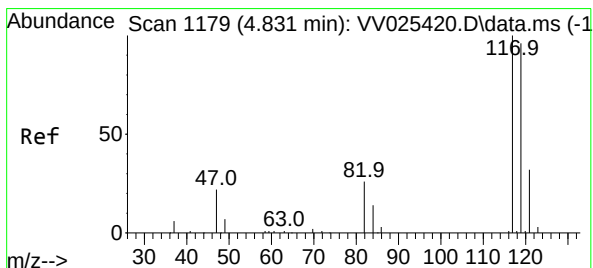
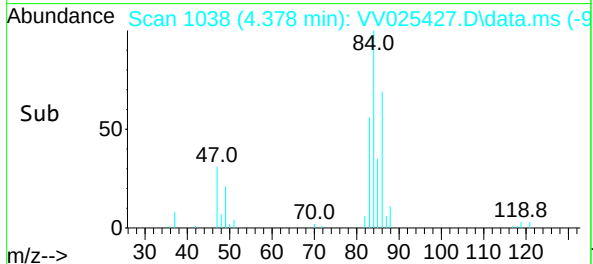
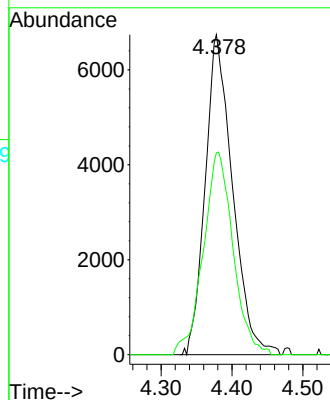
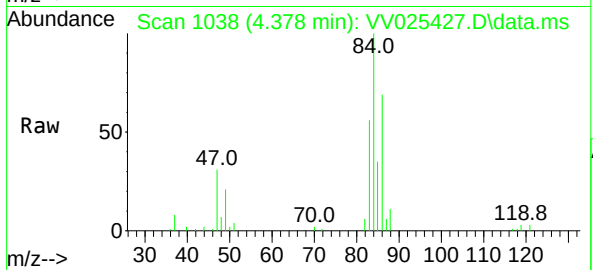




#25
Chloroform
Concen: 1.218 ug/L
RT: 4.378 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV025427.D
Acq: 08 Apr 2022 22:15

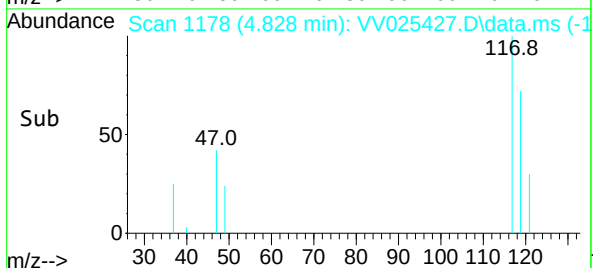
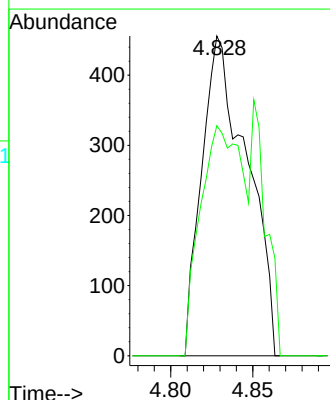
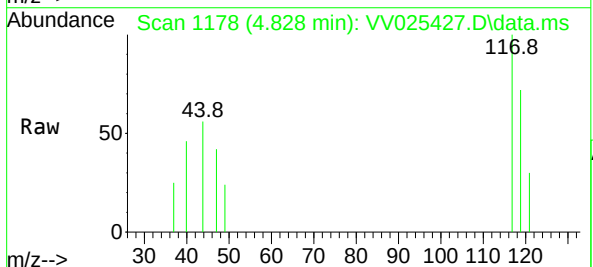
Instrument :
MSVOA_V
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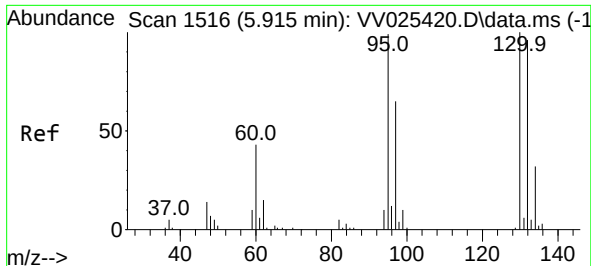
Tgt Ion: 83 Resp: 18073
Ion Ratio Lower Upper
83 100
85 63.1 43.5 80.7



#31
Carbon tetrachloride
Concen: 0.079 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV025427.D
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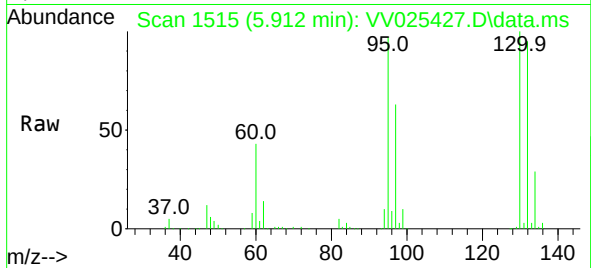
Tgt Ion: 117 Resp: 873
Ion Ratio Lower Upper
117 100
119 68.0 76.6 114.8#





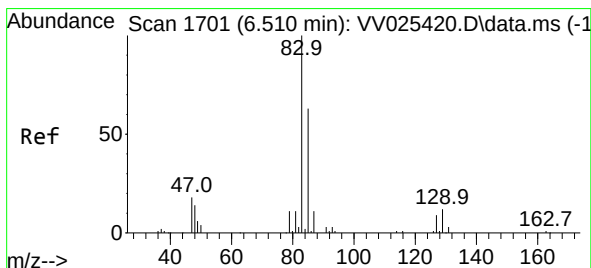
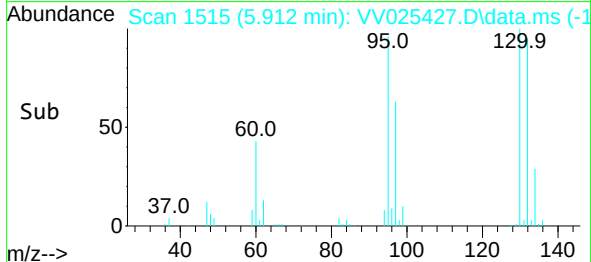
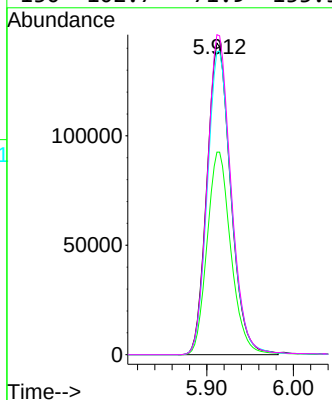
#34
Trichloroethene
Concen: 31.282 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025427.D
Acq: 08 Apr 2022 22:15

Instrument :
MSVOA_V
ClientSampleId :
YB2H6



Tgt Ion: 95 Resp: 272018

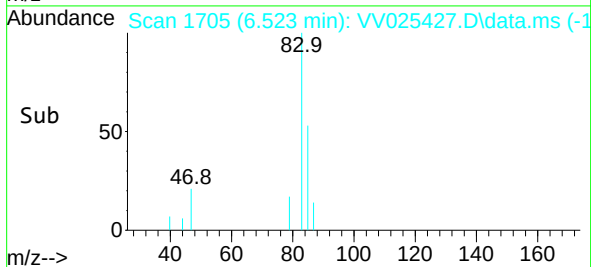
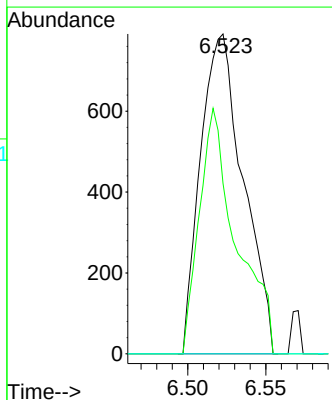
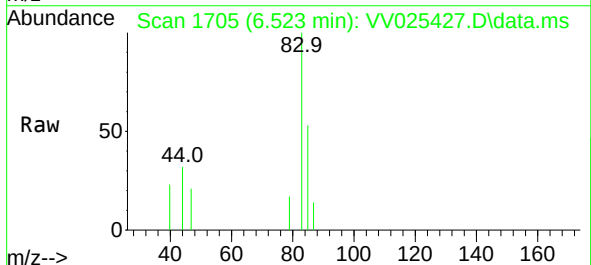
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.8	85.2
132	97.3	68.0	126.4
130	102.7	71.9	133.5

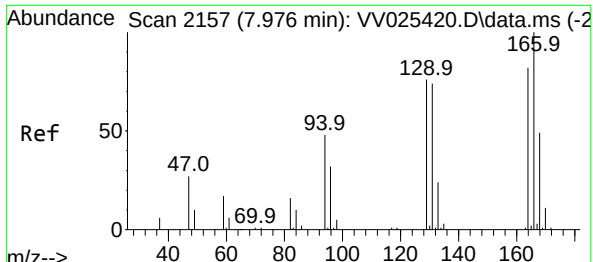


#38
Bromodichloromethane
Concen: 0.160 ug/L
RT: 6.523 min Scan# 1705
Delta R.T. 0.013 min
Lab File: VV025427.D
Acq: 08 Apr 2022 22:15

Tgt Ion: 83 Resp: 1509

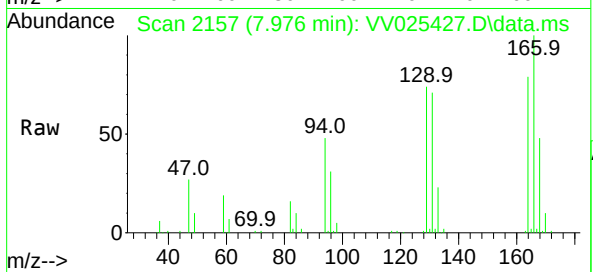
Ion	Ratio	Lower	Upper
83	100		
85	53.4	44.4	82.4
127	0.0	7.2	10.8





#47
 Tetrachloroethene
 Concen: 5.402 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.000 min
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Tgt Ion:	164	Resp:	36778
Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.8	124.2
131	90.1	66.4	123.4
166	126.3	91.7	170.3

