

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022518.D
 Acq On : 02 Oct 2021 18:05
 Operator : SY/MD
 Sample : M3997-03DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

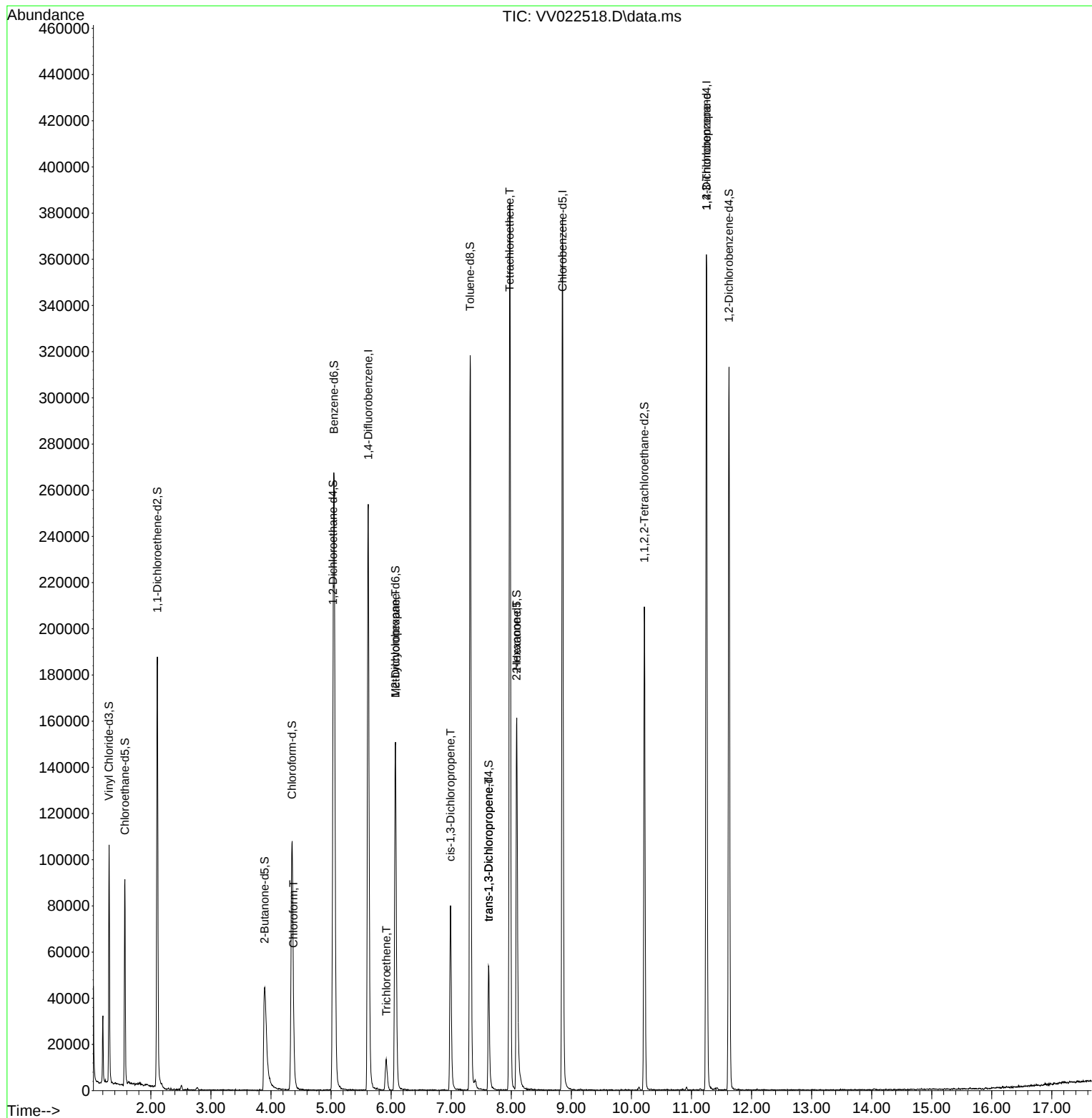
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	224492	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64601	46.529	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.060%		
7) Chloroethane-d5	1.568	69	52947	48.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.020%		
11) 1,1-Dichloroethene-d2	2.108	63	94956	34.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.380%		
21) 2-Butanone-d5	3.892	46	86973	113.803	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.800%		
24) Chloroform-d	4.349	84	111724	44.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.080%		
26) 1,2-Dichloroethane-d4	5.034	65	71720	48.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.480%		
32) Benzene-d6	5.050	84	237125	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.860%		
36) 1,2-Dichloropropane-d6	6.072	67	72768	48.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.560%		
41) Toluene-d8	7.317	98	212561	47.330	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.660%		
43) trans-1,3-Dichloroprop...	7.622	79	31626	44.349	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.700%		
47) 2-Hexanone-d5	8.088	63	55980	89.657	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.660%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	95797	45.708	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.420%		
66) 1,2-Dichlorobenzene-d4	11.625	152	82765	51.186	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.380%		
Target Compounds					Qvalue	
25) Chloroform	4.375	83	6262	2.043	ug/L	97
34) Trichloroethene	5.921	95	3259	1.913	ug/L	93
35) Methylcyclohexane	6.072	83	17947	6.947	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	2050	0.816	ug/L #	66
44) trans-1,3-Dichloropropene	7.622	75	1462	0.604	ug/L #	68
46) Tetrachloroethene	7.976	164	87891	61.620	ug/L	98
48) 2-Hexanone	8.092	43	6170	3.436	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	10487	5.561	ug/L #	64

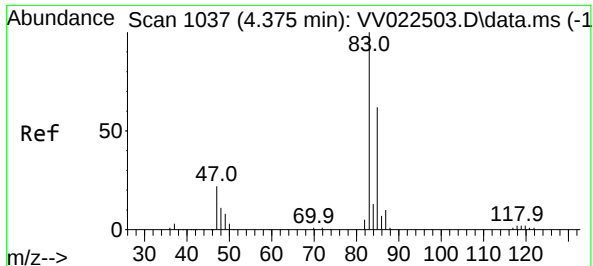
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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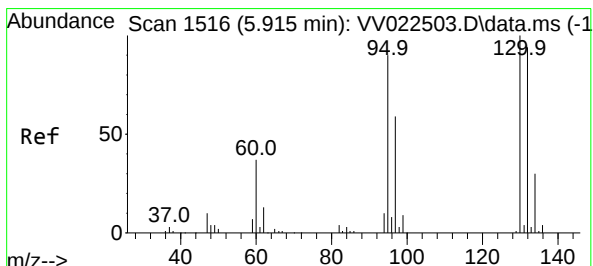
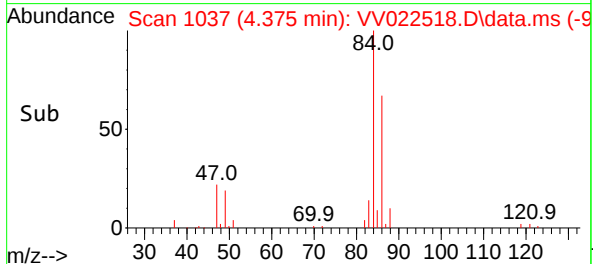
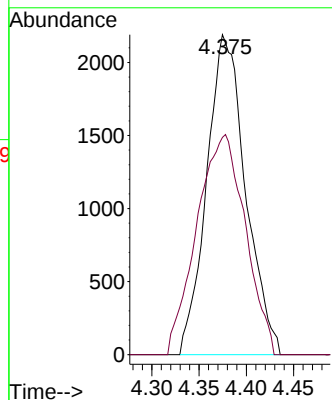
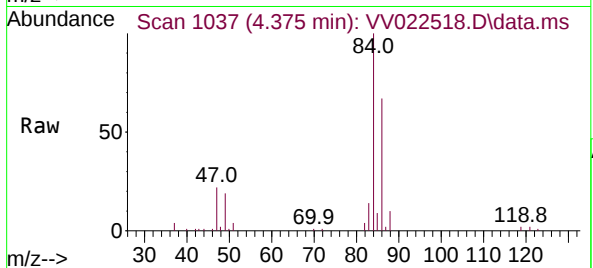


#25

Chloroform
Concen: 2.043 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022518.D
Acq: 02 Oct 2021 18:05

Instrument :
MSVOA_V
ClientSampled :

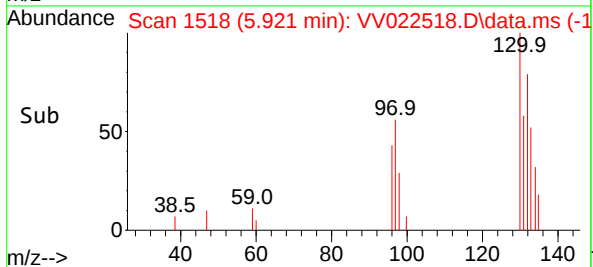
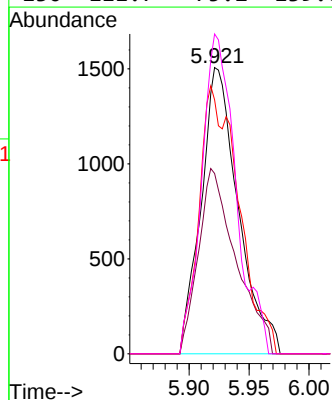
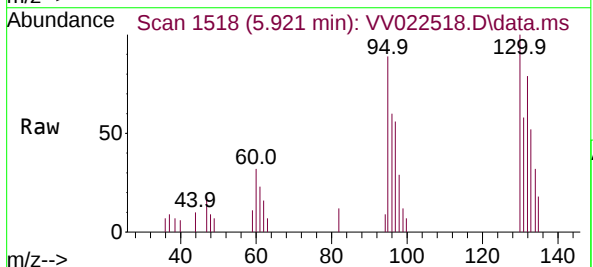
Tgt Ion: 83 Resp: 6262
Ion Ratio Lower Upper
83 100
85 67.9 45.8 85.0

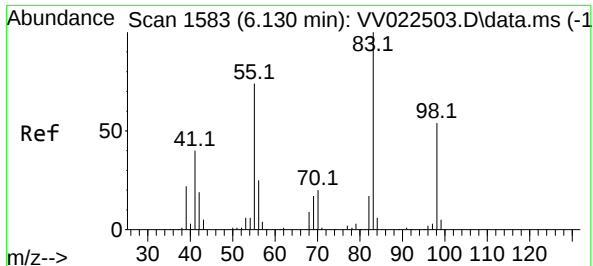


#34

Trichloroethene
Concen: 1.913 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022518.D
Acq: 02 Oct 2021 18:05

Tgt Ion: 95 Resp: 3259
Ion Ratio Lower Upper
95 100
97 63.0 45.4 84.4
132 88.7 71.5 132.9
130 111.7 75.2 139.6





#35

Methylcyclohexane

Concen: 6.947 ug/L

RT: 6.072 min Scan# 1565

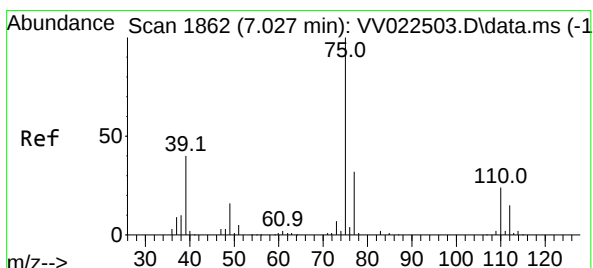
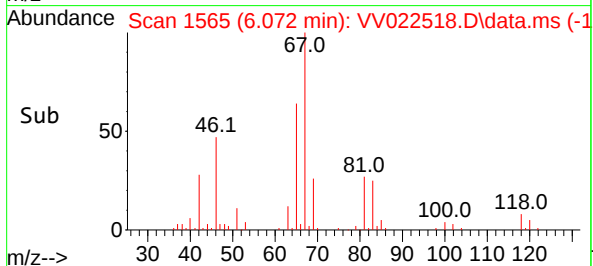
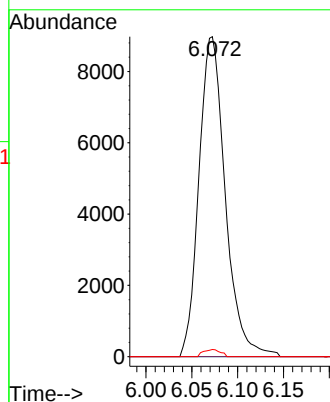
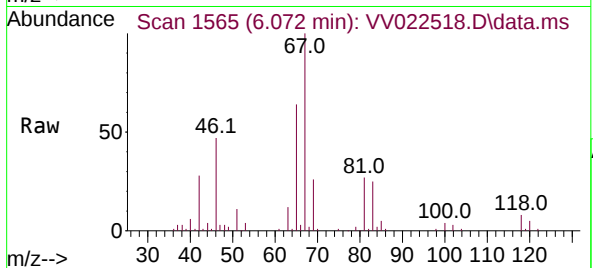
Delta R.T. -0.058 min

Lab File: VV022518.D

Acq: 02 Oct 2021 18:05

Tgt Ion:	83	Resp:	17947
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.7	85.1#
98	1.5	40.6	60.8#

Instrument :
MSVOA_V
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.816 ug/L

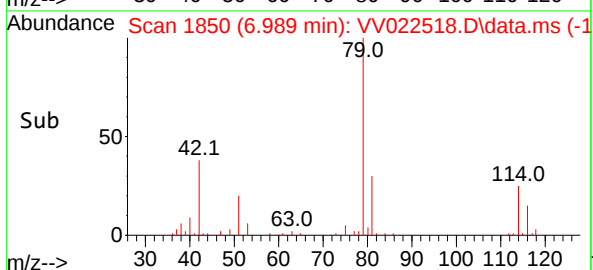
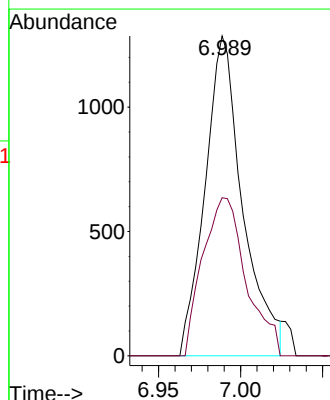
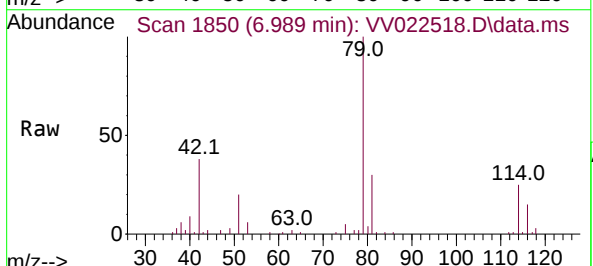
RT: 6.989 min Scan# 1850

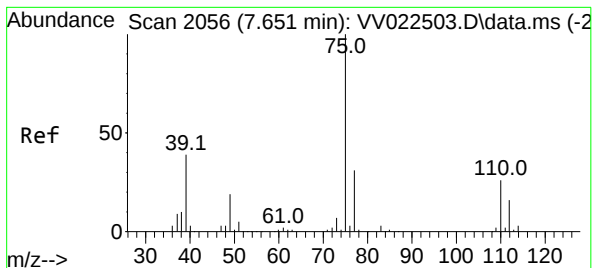
Delta R.T. -0.039 min

Lab File: VV022518.D

Acq: 02 Oct 2021 18:05

Tgt Ion:	75	Resp:	2050
Ion	Ratio	Lower	Upper
75	100		
77	49.5	21.6	40.2#



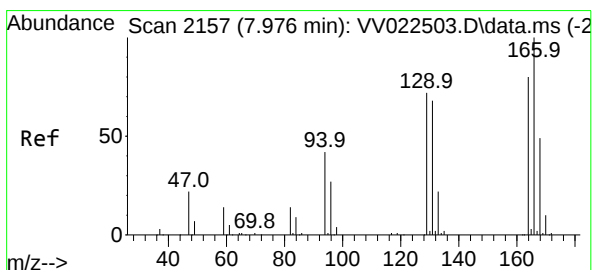
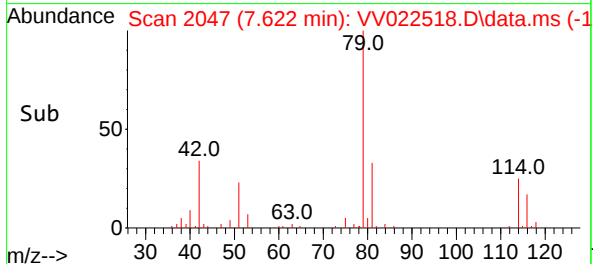
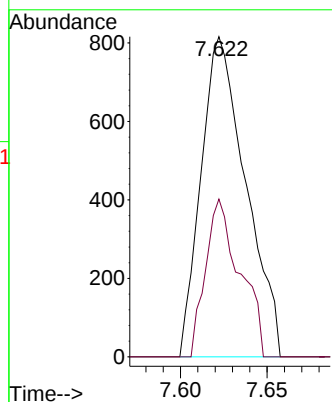
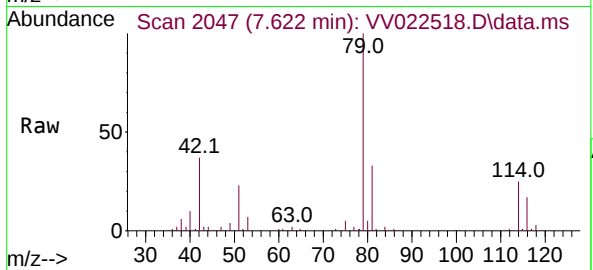


#44

trans-1,3-Dichloropropene
Concen: 0.604 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022518.D
Acq: 02 Oct 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :

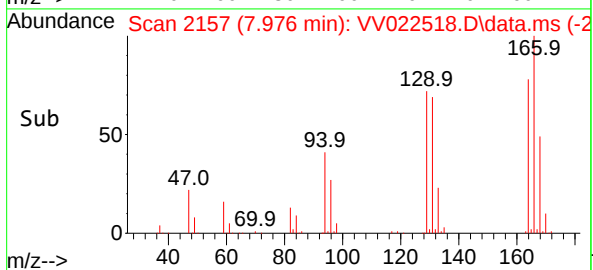
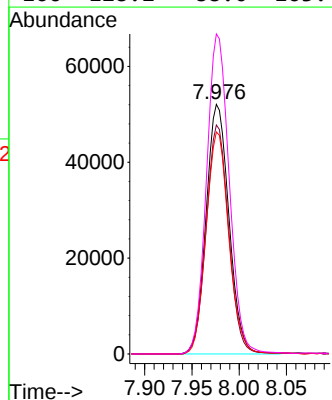
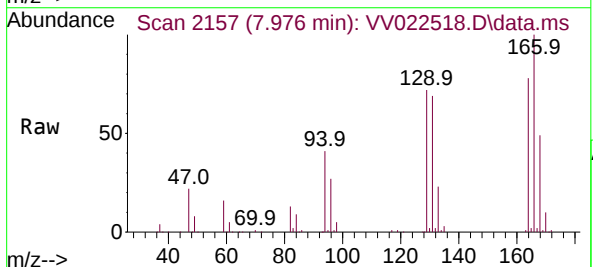
Tgt Ion: 75 Resp: 1462
Ion Ratio Lower Upper
75 100
77 49.3 22.0 40.8#

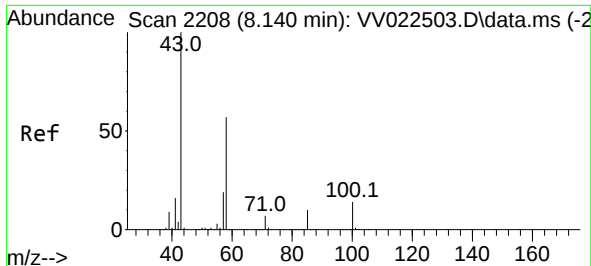


#46

Tetrachloroethene
Concen: 61.620 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022518.D
Acq: 02 Oct 2021 18:05

Tgt Ion: 164 Resp: 87891
Ion Ratio Lower Upper
164 100
129 91.7 64.6 120.0
131 88.9 59.9 111.3
166 128.2 88.0 163.4

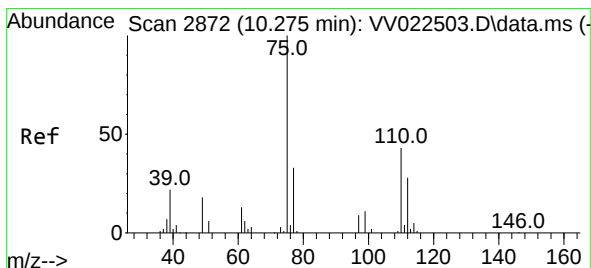
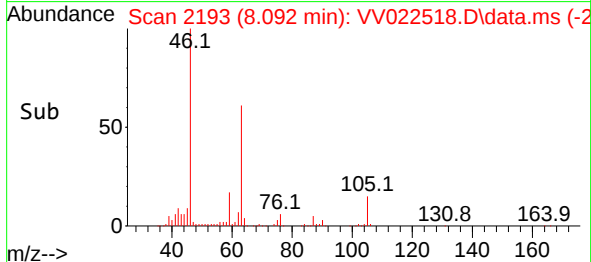
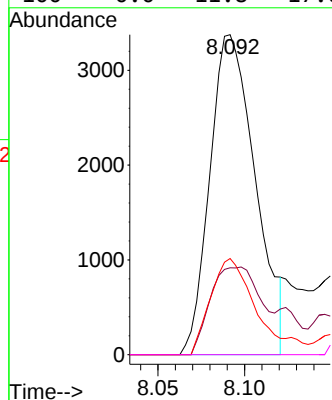
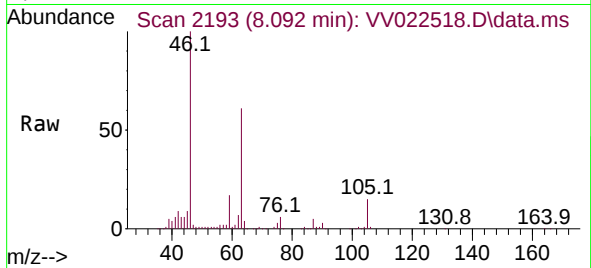




#48
2-Hexanone
Concen: 3.436 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022518.D
Acq: 02 Oct 2021 18:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 6170
Ion Ratio	Lower Upper
43 100	
58 30.8	47.0 70.4#
57 28.7	15.8 23.6#
100 0.0	11.8 17.6#



#61
1,2,3-Trichloropropane
Concen: 5.561 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022518.D
Acq: 02 Oct 2021 18:05

Tgt Ion: 75	Resp: 10487		
Ion Ratio	Lower	Upper	
75 100			
77 32.5	26.0	39.0	
110 2.9	34.3	51.5#	

