

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026077.D
 Acq On : 10 Jun 2022 00:55
 Operator : SY/MD
 Sample : N3272-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B58

Quant Time: Jun 10 05:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

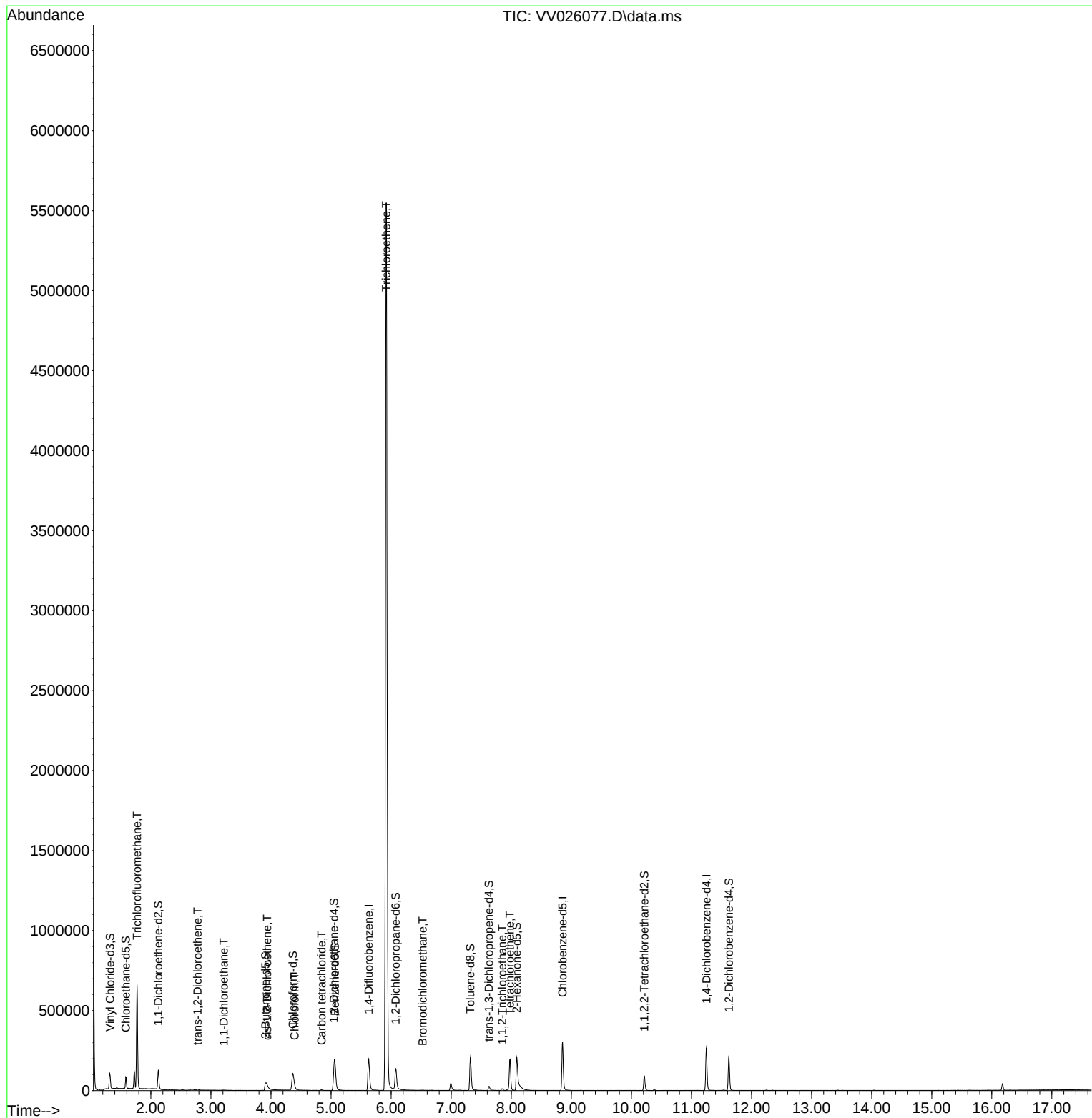
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175328	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	36377	3.534	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.584	69	46581	4.329	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.124	63	62205	2.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.400%#	
20) 2-Butanone-d5	3.908	46	79485	52.217	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.440%	
24) Chloroform-d	4.365	84	106517	4.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.047	65	45072	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.063	84	181062	4.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.079	67	67523	5.270	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.320	98	140879	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.628	79	16656	4.415	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.091	63	82570	49.738	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46488	5.381	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55038	5.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.770	101	374717	14.569	ug/L	99
18) trans-1,2-Dichloroethene	2.780	96	1797	0.135	ug/L	76
19) 1,1-Dichloroethane	3.214	63	1759	0.073	ug/L	94
22) cis-1,2-Dichloroethene	3.937	96	6684	0.510	ug/L	98
25) Chloroform	4.394	83	13109	0.528	ug/L	96
31) Carbon tetrachloride	4.841	117	2627	0.142	ug/L	93
34) Trichloroethene	5.918	95	1919828	136.427	ug/L	98
38) Bromodichloromethane	6.526	83	1235	0.078	ug/L #	89
45) 1,1,2-Trichloroethane	7.850	97	4120	0.486	ug/L	91
47) Tetrachloroethene	7.979	164	43617	4.004	ug/L	98

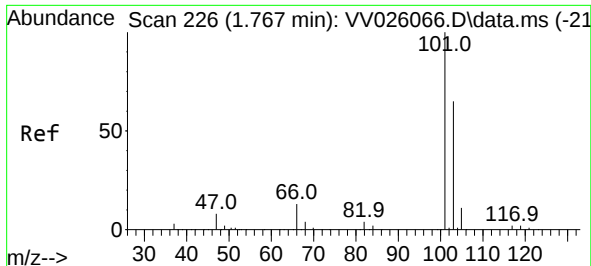
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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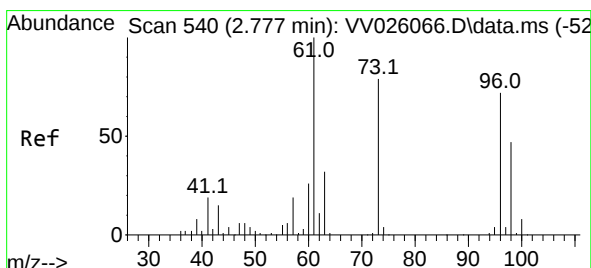
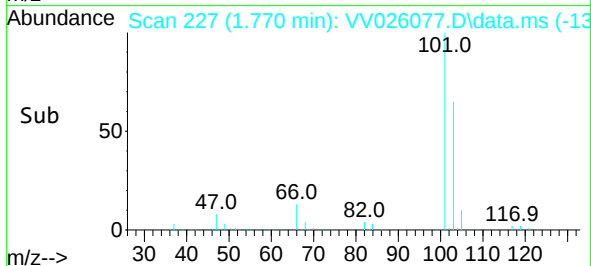
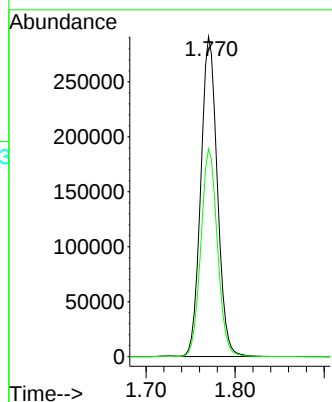
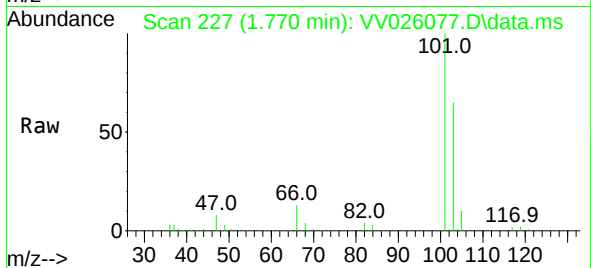




#9
Trichlorofluoromethane
Concen: 14.569 ug/L
RT: 1.770 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

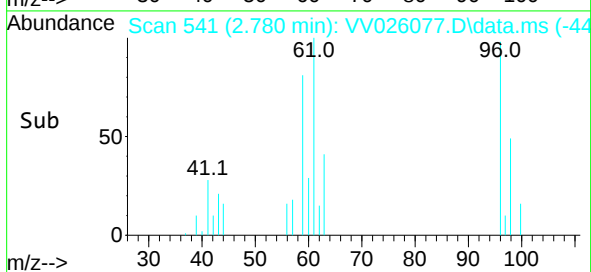
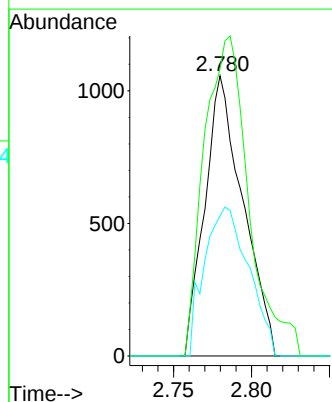
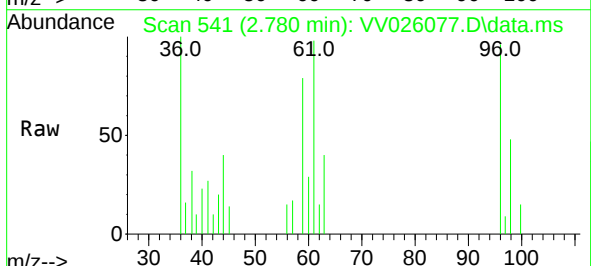
Instrument :
MSVOA_V
ClientSampleId :
C0B58

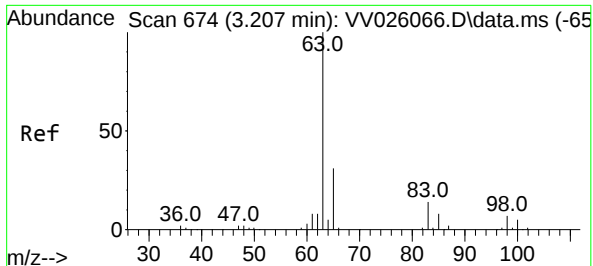
Tgt Ion:101 Resp: 374717
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8



#18
trans-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Tgt Ion: 96 Resp: 1797
Ion Ratio Lower Upper
96 100
61 102.6 94.3 175.1
98 50.0 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.073 ug/L

RT: 3.214 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026077.D

Acq: 10 Jun 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

C0B58

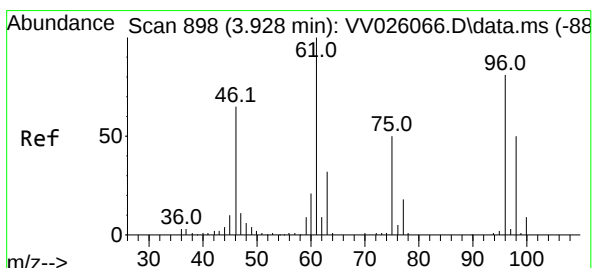
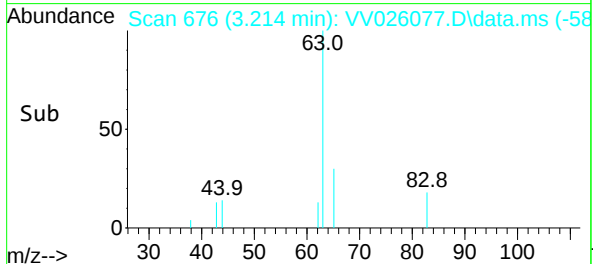
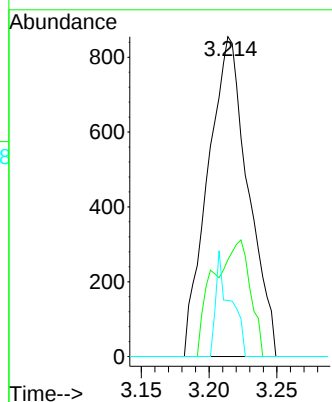
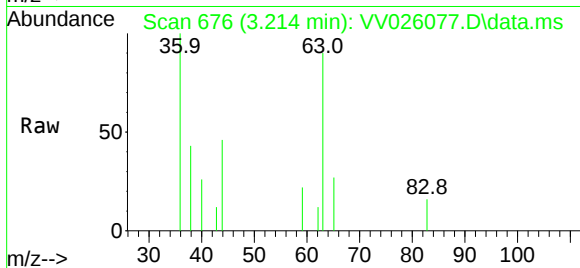
Tgt Ion: 63 Resp: 1759

Ion Ratio Lower Upper

63 100

65 30.3 23.1 42.9

83 17.5 9.7 18.1



#22

cis-1,2-Dichloroethene

Concen: 0.510 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.010 min

Lab File: VV026077.D

Acq: 10 Jun 2022 00:55

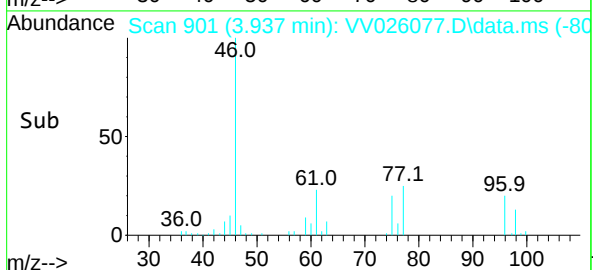
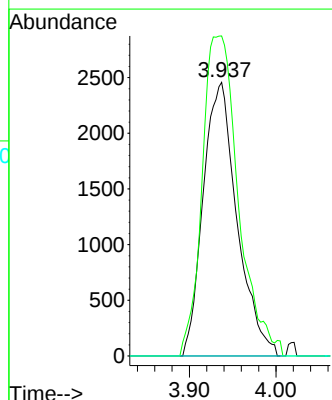
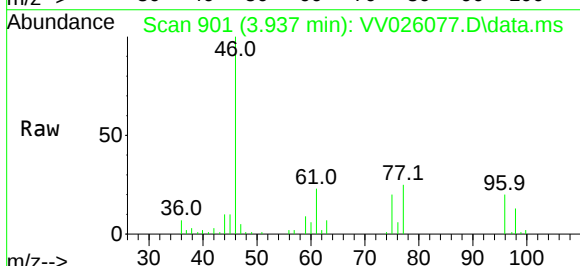
Tgt Ion: 96 Resp: 6684

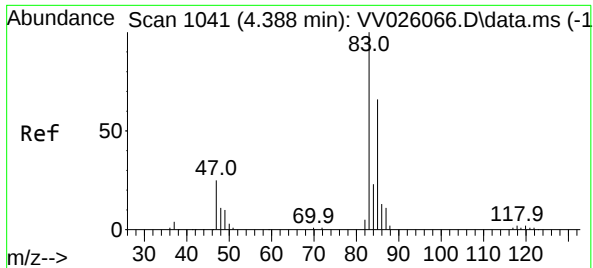
Ion Ratio Lower Upper

96 100

61 116.9 83.1 154.3

68 0.0 0.0 0.0

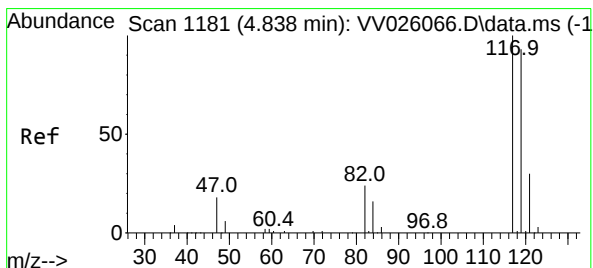
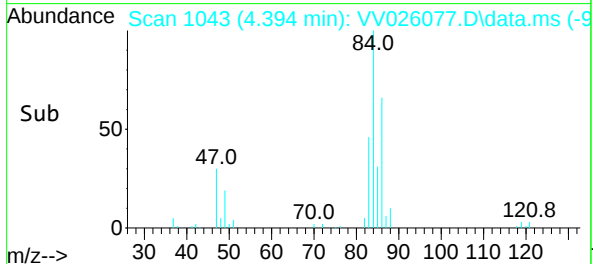
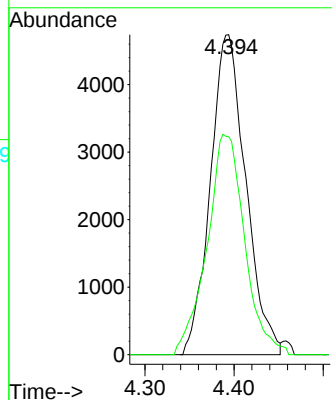
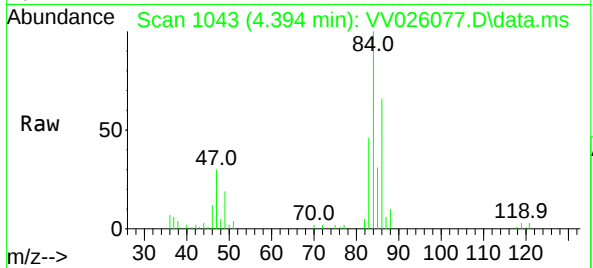




#25
Chloroform
Concen: 0.528 ug/L
RT: 4.394 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

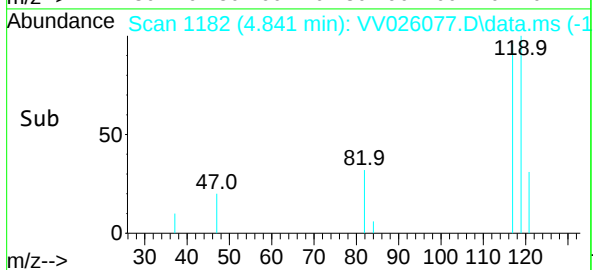
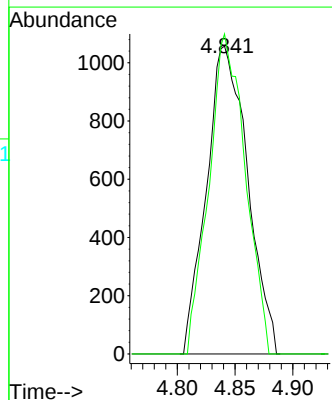
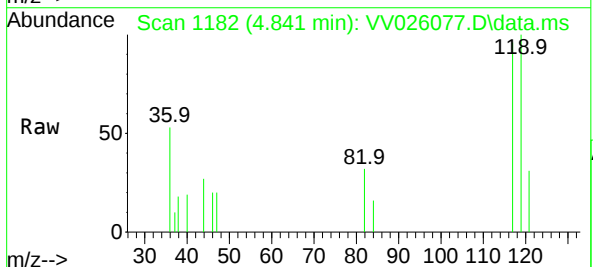
Instrument :
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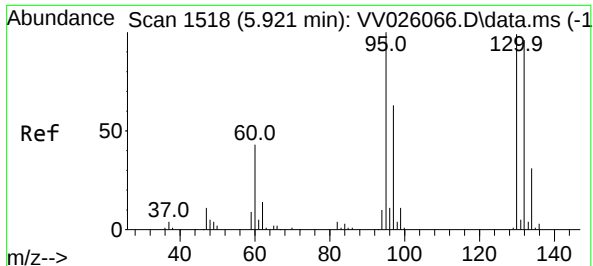
Tgt Ion: 83 Resp: 13109
Ion Ratio Lower Upper
83 100
85 68.1 45.2 84.0



#31
Carbon tetrachloride
Concen: 0.142 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Tgt Ion: 117 Resp: 2627
Ion Ratio Lower Upper
117 100
119 91.7 78.7 118.1

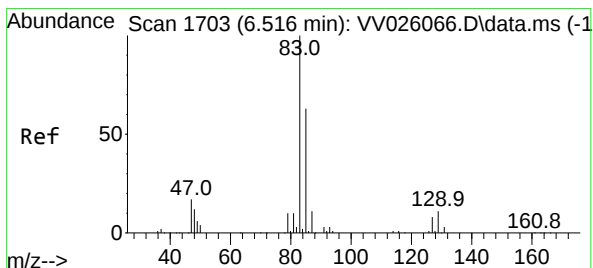
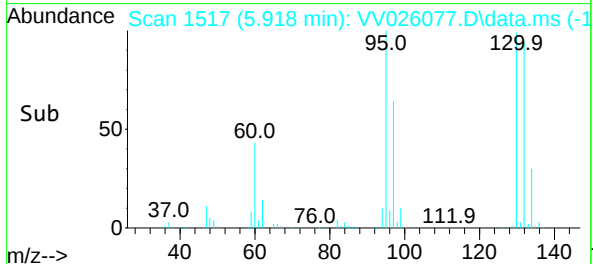
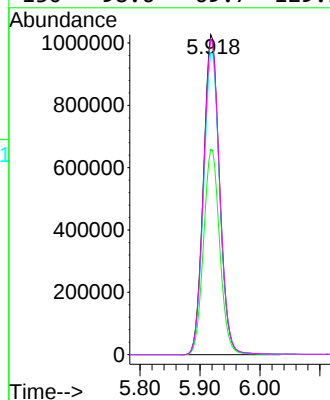
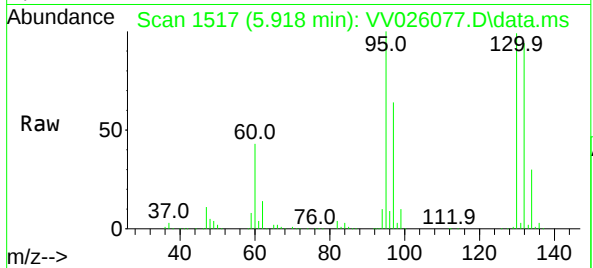




#34
Trichloroethene
Concen: 136.427 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

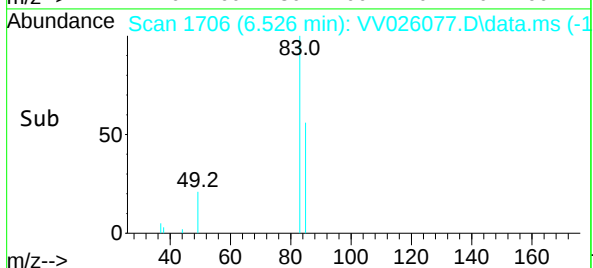
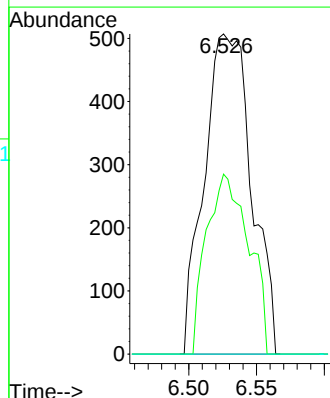
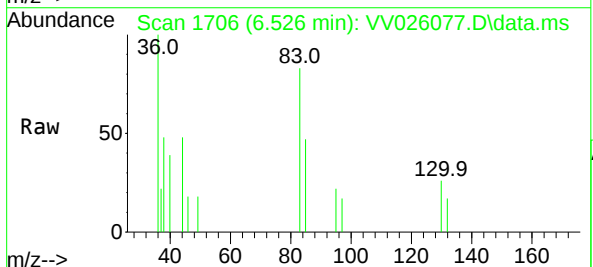
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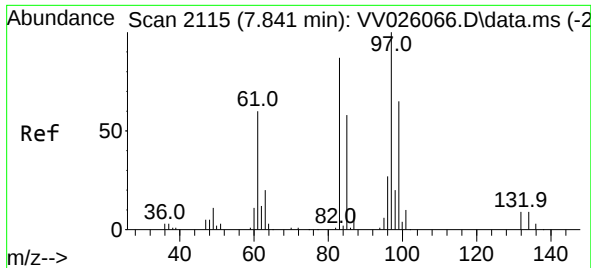
Tgt Ion: 95 Resp: 1919828
Ion Ratio Lower Upper
95 100
97 64.2 44.0 81.6
132 94.3 67.5 125.4
130 98.6 69.7 129.5



#38
Bromodichloromethane
Concen: 0.078 ug/L
RT: 6.526 min Scan# 1706
Delta R.T. 0.010 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Tgt Ion: 83 Resp: 1235
Ion Ratio Lower Upper
83 100
85 56.2 44.8 83.2
127 0.0 6.6 10.0#



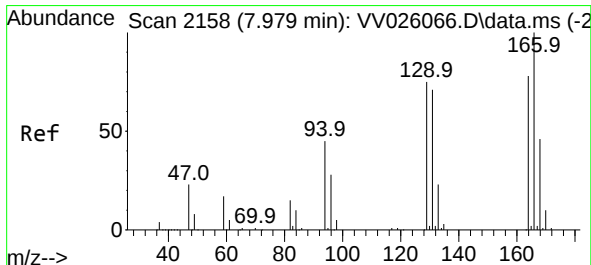
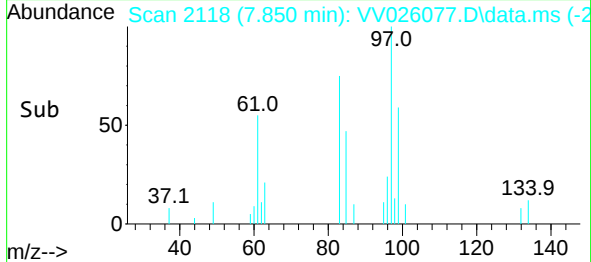
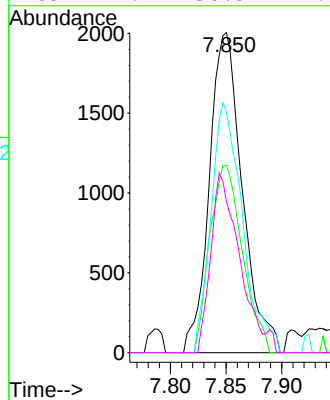
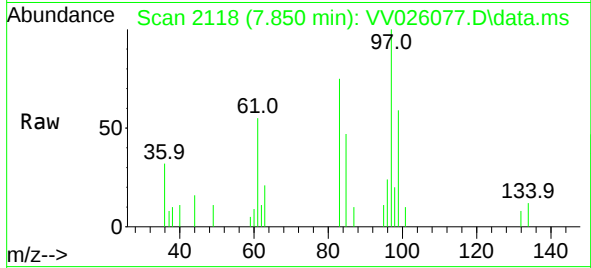


#45
1,1,2-Trichloroethane
Concen: 0.486 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Instrument :
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Tgt Ion: 97 Resp: 4120

Ion	Ratio	Lower	Upper
97	100		
99	58.5	43.5	80.7
83	75.3	59.6	110.8
85	47.2	38.5	71.5



#47
Tetrachloroethene
Concen: 4.004 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Tgt Ion: 164 Resp: 43617

Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.3	126.9
131	92.5	66.5	123.5
166	129.3	88.1	163.7

