

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)

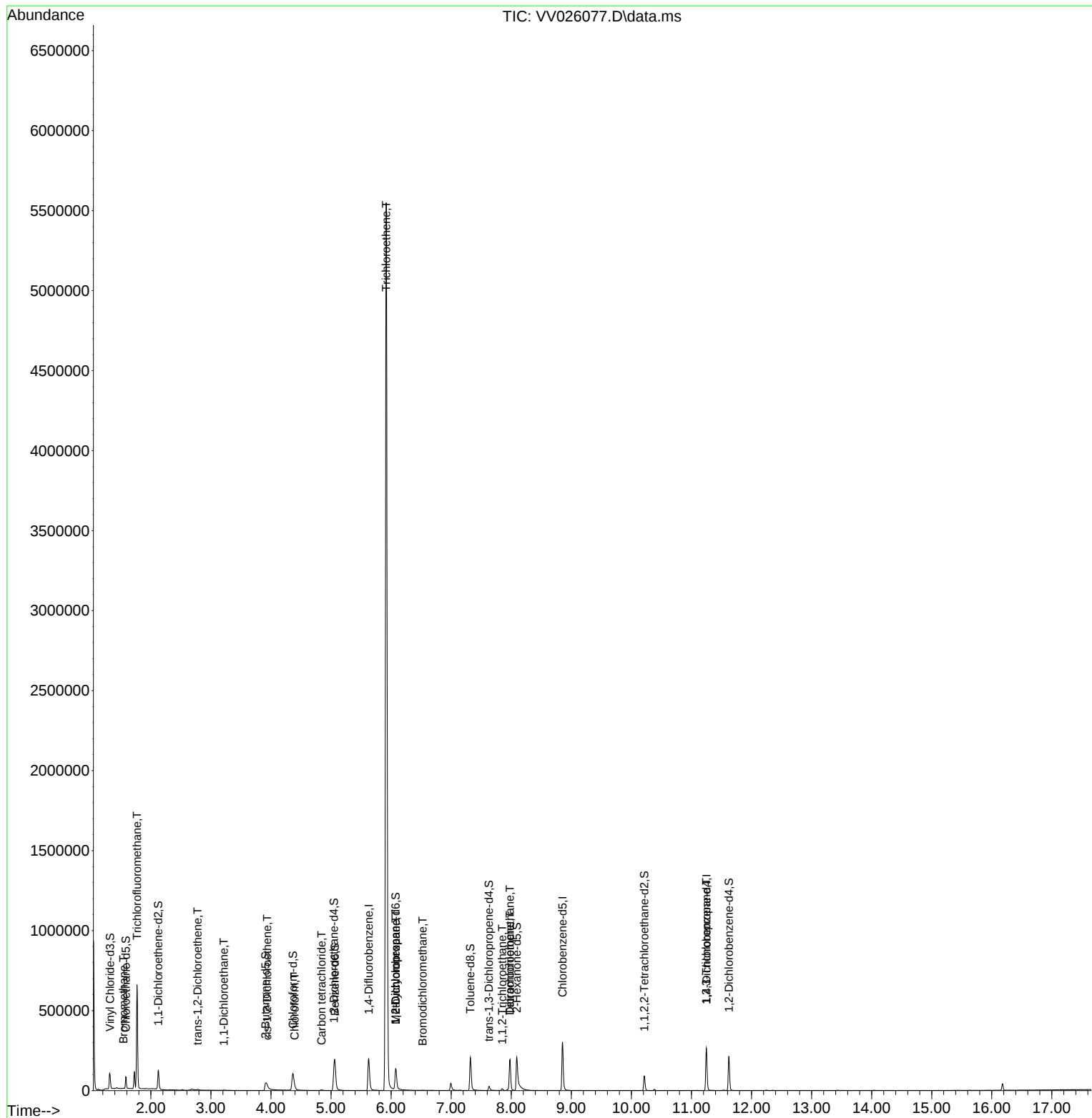
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175328	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	36377	3.534	ug/L	0.00
Spiked Amount	5.000	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
6) Bromomethane	1.545	94	545	0.047	ug/L	89
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
35) Methylcyclohexane	6.075	83	15556	0.717	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7328	0.561	ug/L #	88
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
49) Dibromochloromethane	7.979	129	40384	4.364	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8839	1.605	ug/L #	64

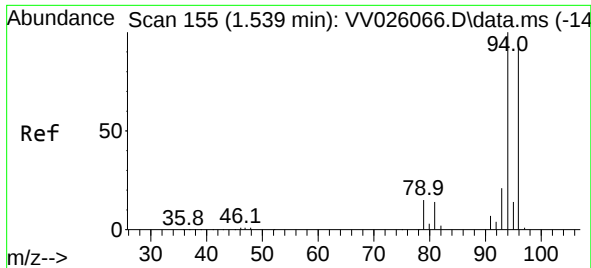
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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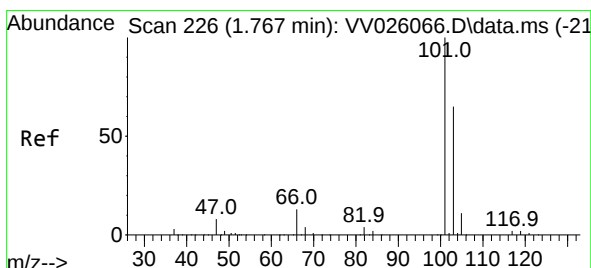
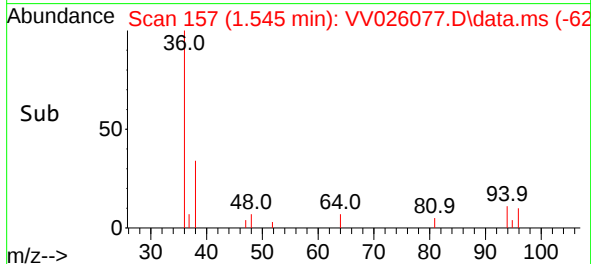
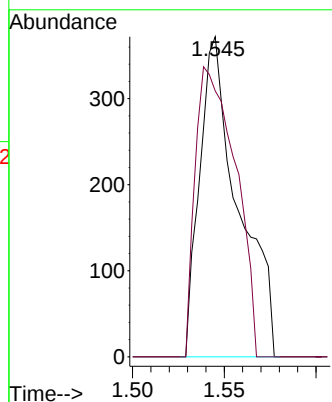
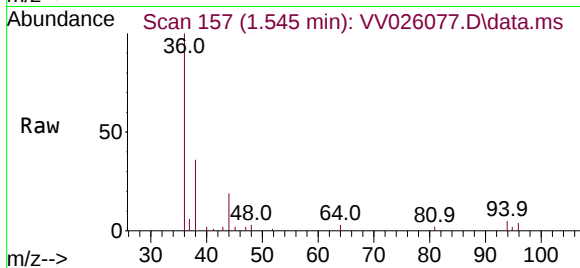




#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

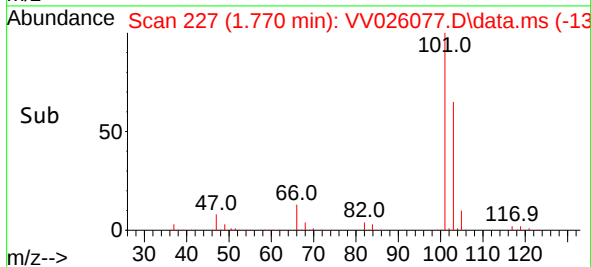
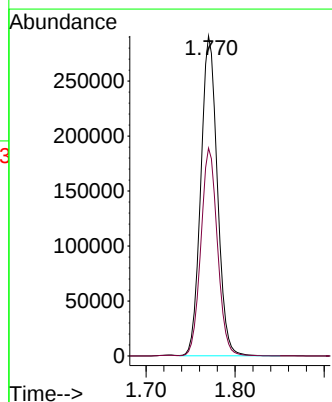
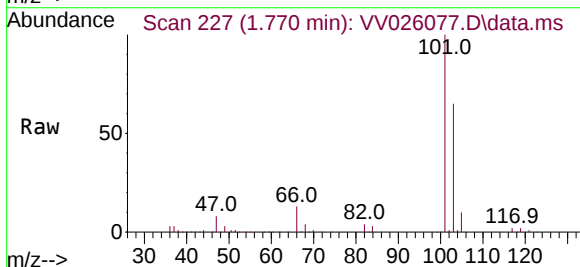
Instrument :
MSVOA_V
ClientSampleId :
C0B58

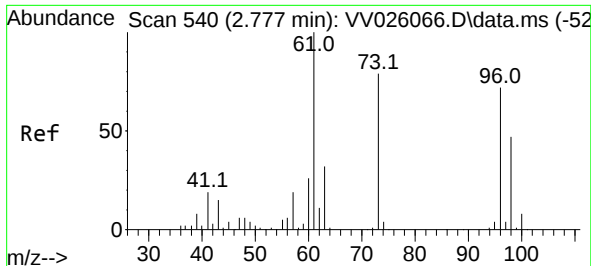
Tgt Ion: 94 Resp: 545
Ion Ratio Lower Upper
94 100
96 83.1 65.5 121.6



#9
Trichlorofluoromethane
Concen: 14.569 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

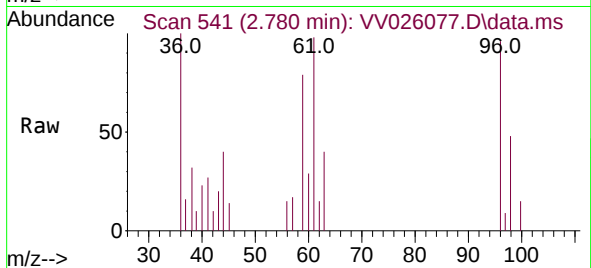
Tgt Ion:101 Resp: 374717
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8





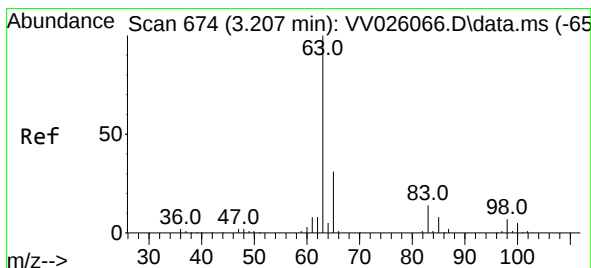
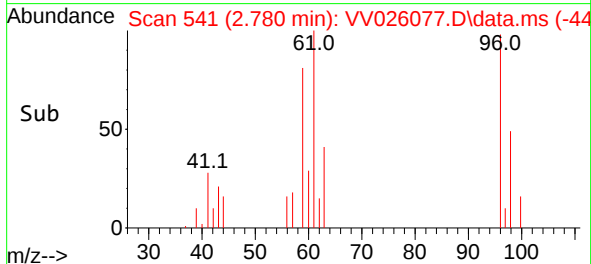
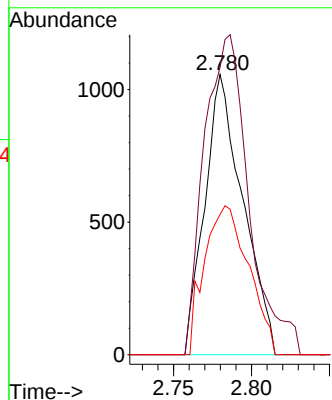
#18
trans-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
C0B58



Tgt Ion: 96 Resp: 1797

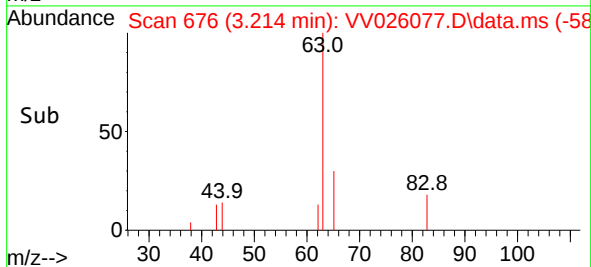
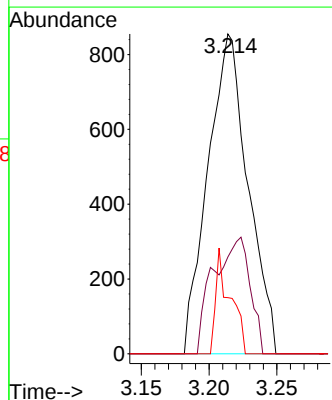
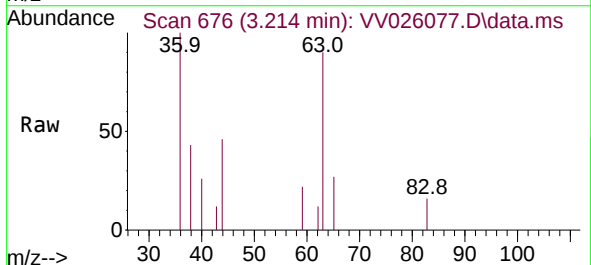
Ion	Ratio	Lower	Upper
96	100		
61	102.6	94.3	175.1
98	50.0	44.4	82.5

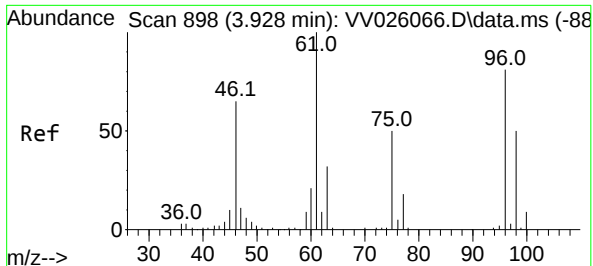


#19
1,1-Dichloroethane
Concen: 0.073 ug/L
RT: 3.214 min Scan# 676
Delta R.T. 0.006 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

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

Instrument :

MSVOA_V

ClientSampleId :

C0B58

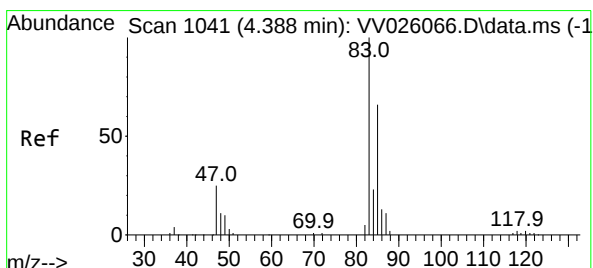
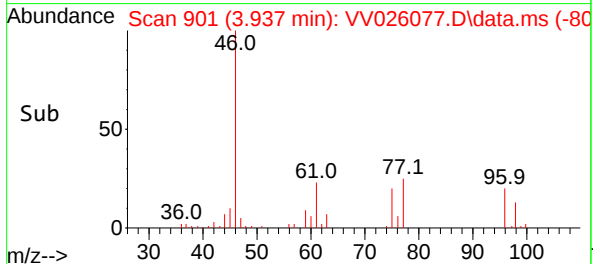
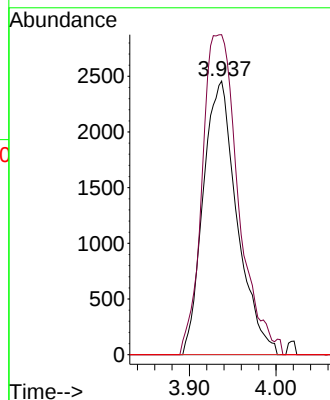
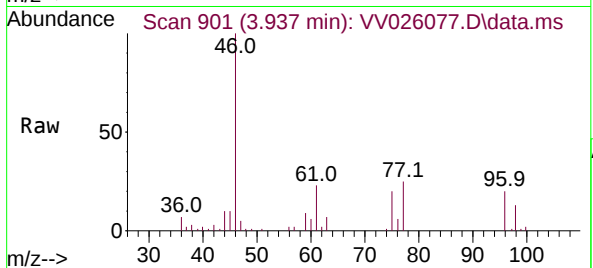
Tgt Ion: 96 Resp: 6684

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# 1043

Delta R.T. 0.006 min

Lab File: VV026077.D

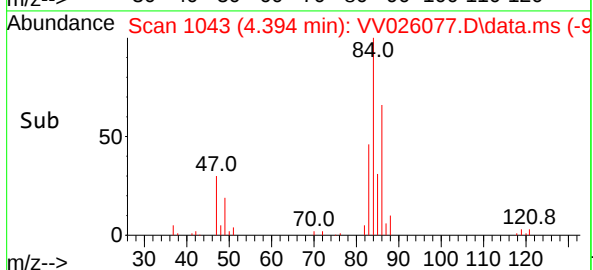
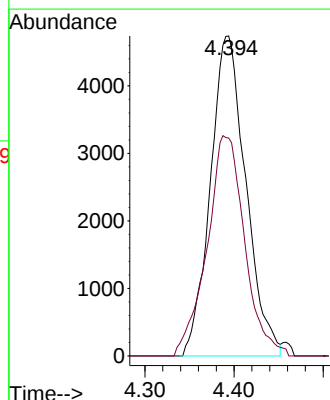
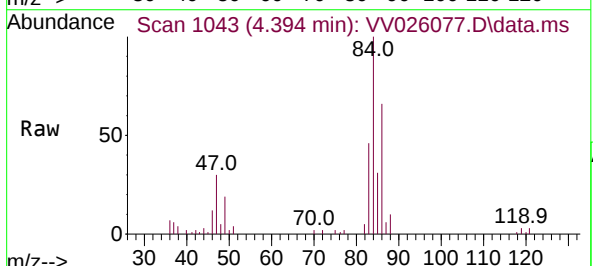
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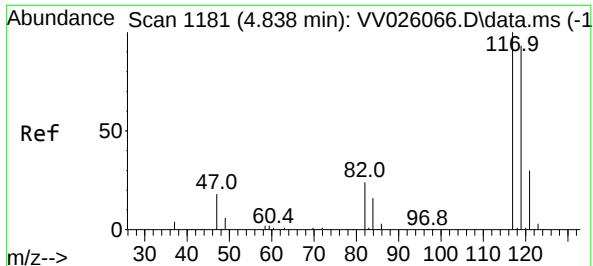
Tgt Ion: 83 Resp: 13109

Ion Ratio Lower Upper

83 100

85 68.1 45.2 84.0

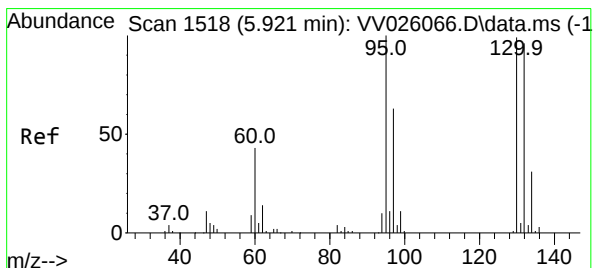
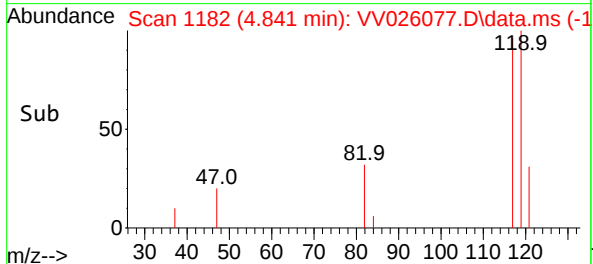
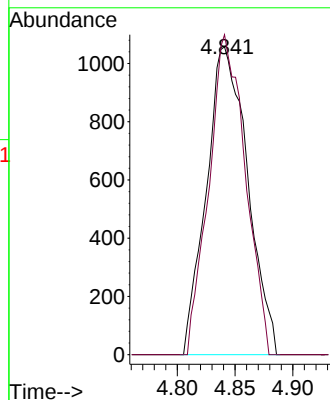
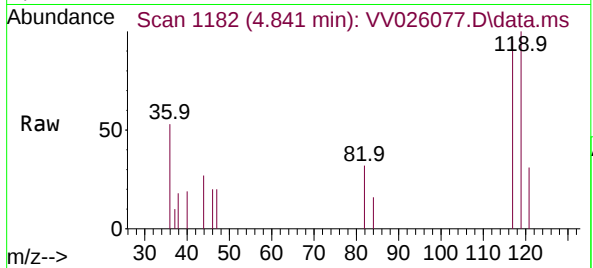




#31
Carbon tetrachloride
Concen: 0.142 ug/L
RT: 4.841 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

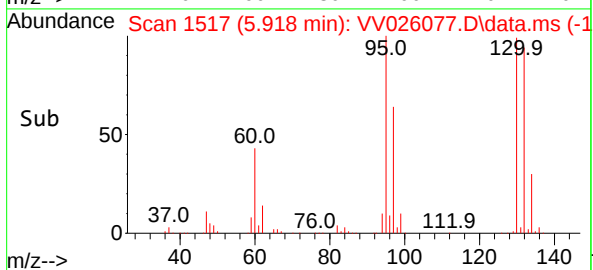
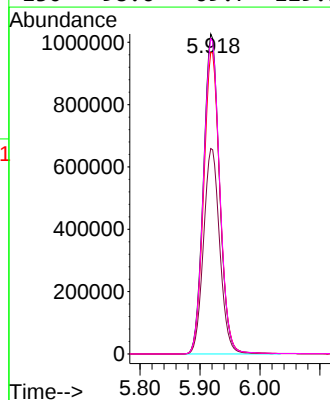
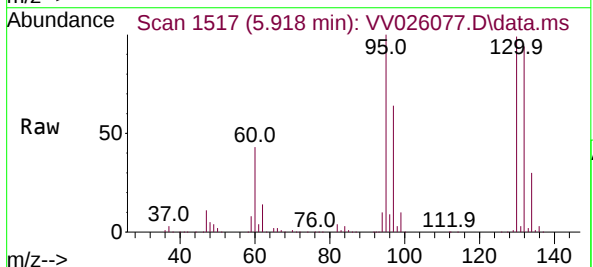
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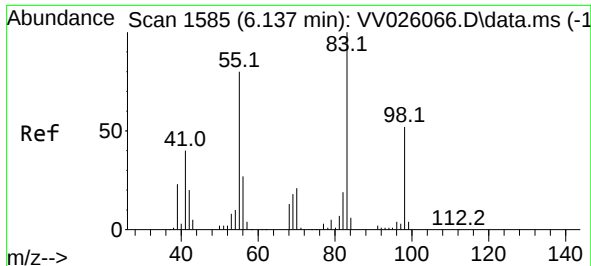
Tgt Ion:117 Resp: 2627
Ion Ratio Lower Upper
117 100
119 91.7 78.7 118.1



#34
Trichloroethene
Concen: 136.427 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

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





#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026077.D

Acq: 10 Jun 2022 00:55

Instrument :

MSVOA_V

ClientSampleId :

C0B58

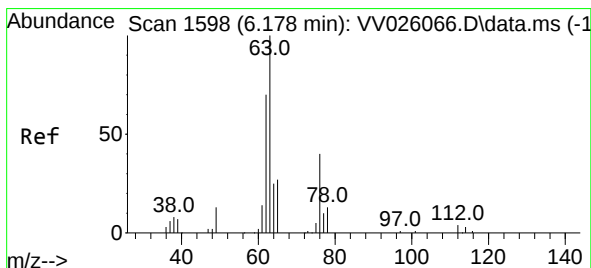
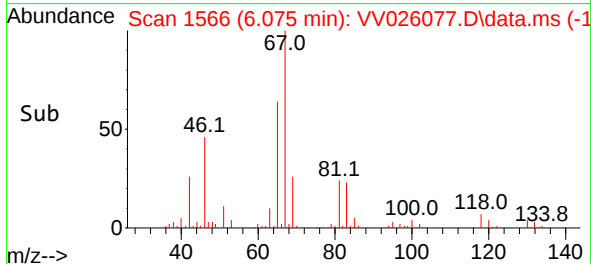
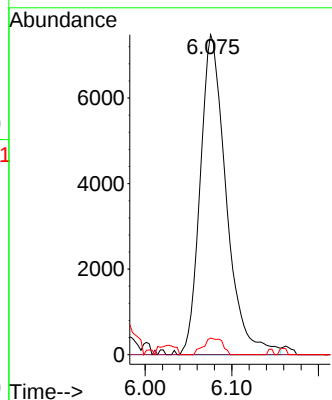
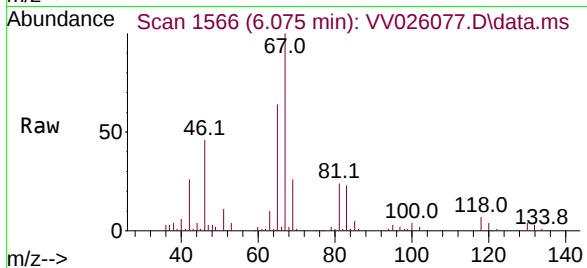
Tgt Ion: 83 Resp: 15556

Ion Ratio Lower Upper

83 100

55 0.1 59.4 89.0#

98 0.0 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.100 min

Lab File: VV026077.D

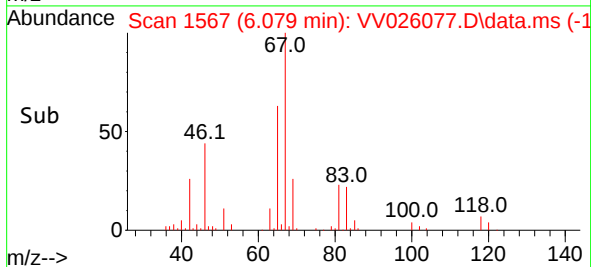
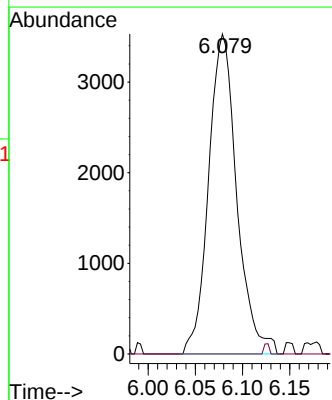
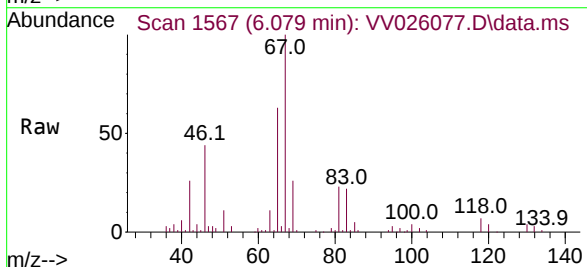
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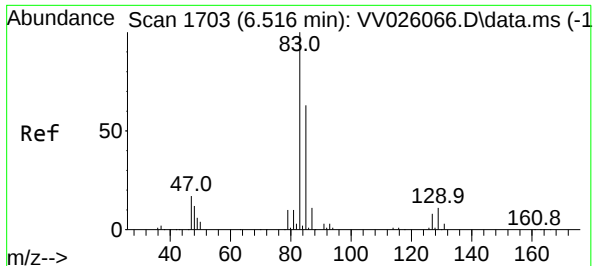
Tgt Ion: 63 Resp: 7328

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.6#

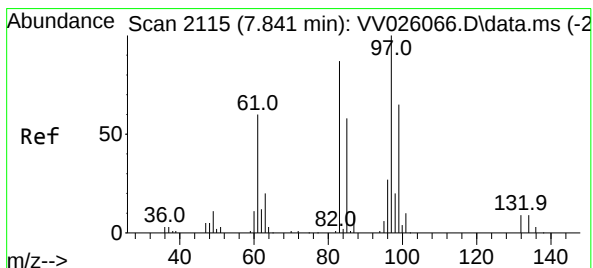
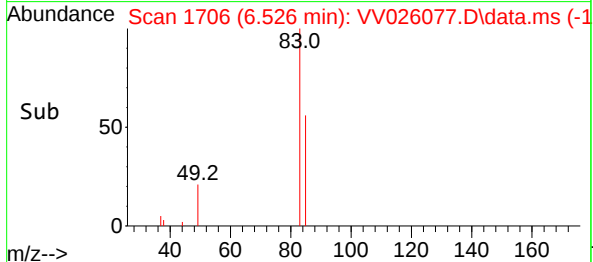
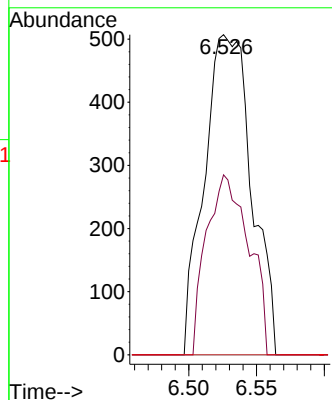
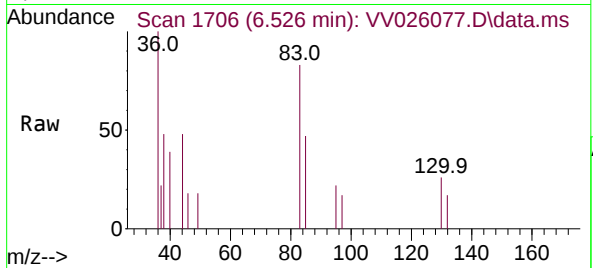




#38
Bromodichloromethane
Concen: 0.078 ug/L
RT: 6.526 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

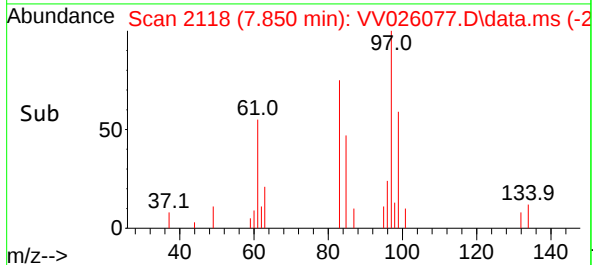
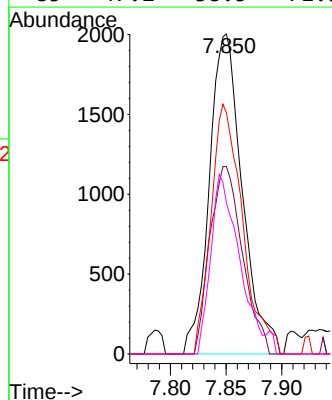
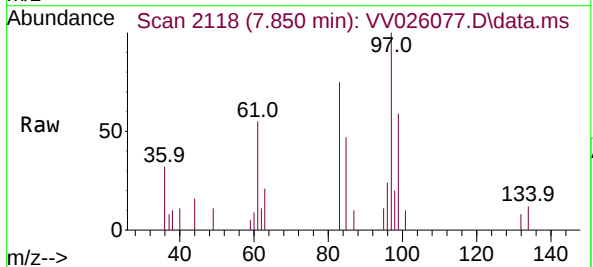
Instrument :
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C0B58

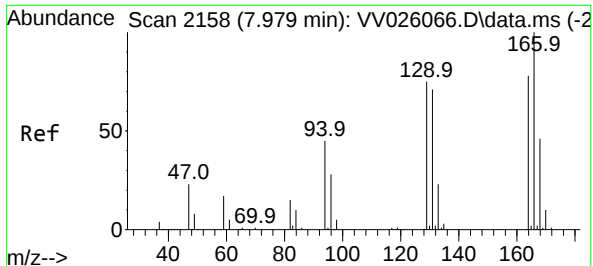
Tgt Ion: 83 Resp: 1235
Ion Ratio Lower Upper
83 100
85 56.2 44.8 83.2
127 0.0 6.6 10.0#



#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

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

Instrument :

MSVOA_V

ClientSampleId :

C0B58

Tgt Ion:164 Resp: 43617

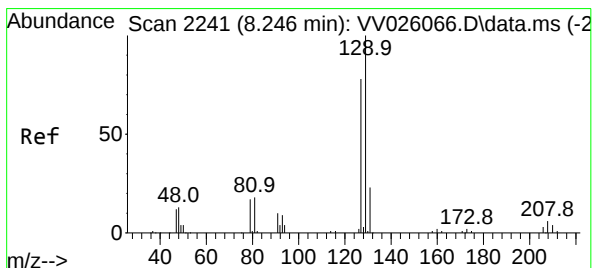
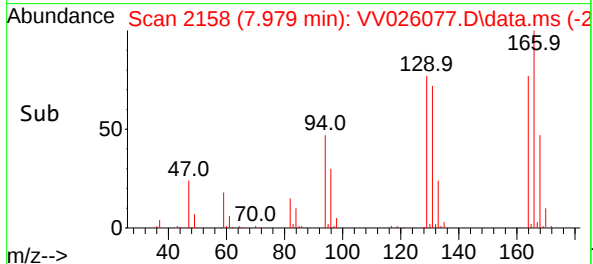
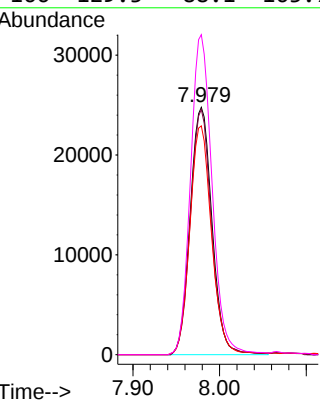
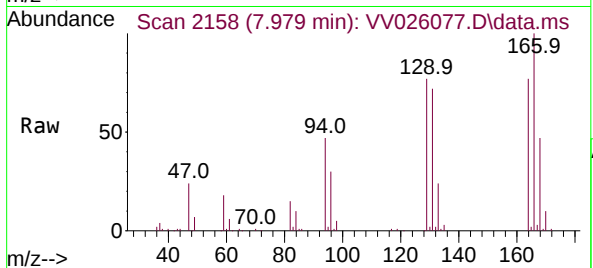
Ion Ratio Lower Upper

164 100

129 99.1 68.3 126.9

131 92.5 66.5 123.5

166 129.3 88.1 163.7



#49

Dibromochloromethane

Concen: 4.364 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026077.D

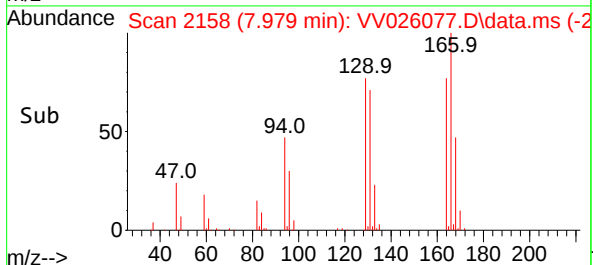
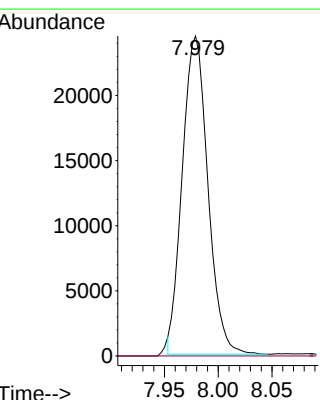
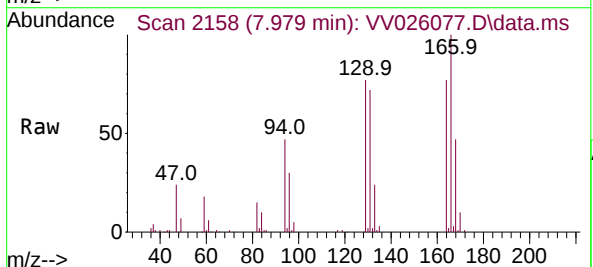
Acq: 10 Jun 2022 00:55

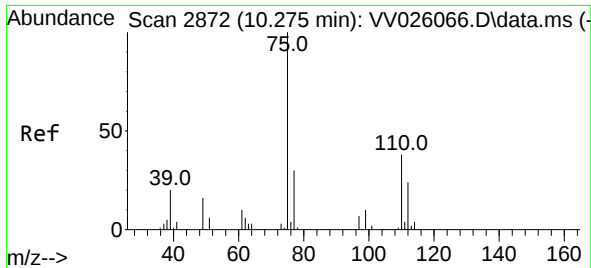
Tgt Ion:129 Resp: 40384

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61
1,2,3-Trichloropropane
Concen: 1.605 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.971 min
Lab File: VV026077.D
Acq: 10 Jun 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
C0B58

Tgt Ion: 75	Resp:	8839
Ion	Ratio	Lower Upper
75	100	
77	31.1	26.6 40.0
110	1.3	32.0 48.0

