

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026059.D
 Acq On : 09 Jun 2022 16:57
 Operator : SY/MD
 Sample : N3247-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW5

Quant Time: Jun 10 02:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	176403	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	42327	4.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.581	69	49753	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.121	63	75657	3.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.912	46	79885	52.160	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	4.362	84	106198	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.047	65	46704	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.059	84	190142	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.075	67	66936	5.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.320	98	138309	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.632	79	15434	4.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.091	63	77750	46.221	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42853	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	56064	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.134	96	14055	0.990	ug/L #	41
16) Methylene chloride	2.523	84	5149	0.364	ug/L	93
18) trans-1,2-Dichloroethene	2.786	96	518	0.039	ug/L	97
19) 1,1-Dichloroethane	3.207	63	40688	1.672	ug/L	97
22) cis-1,2-Dichloroethene	3.931	96	12640	0.958	ug/L	95
25) Chloroform	4.394	83	4811	0.193	ug/L	95
27) 1,2-Dichloroethane	5.156	62	683	0.055	ug/L #	72
29) 1,1,1-Trichloroethane	4.619	97	95543	4.192	ug/L	99
31) Carbon tetrachloride	4.616	117	12172	0.650	ug/L	98
34) Trichloroethene	5.928	95	10157	0.712	ug/L	98
35) Methylcyclohexane	6.075	83	15959	0.726	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	6799	0.514	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1212	0.074	ug/L	88
47) Tetrachloroethene	7.979	164	16898	1.531	ug/L	94
49) Dibromochloromethane	7.979	129	16732	1.785	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8838	1.599	ug/L #	65

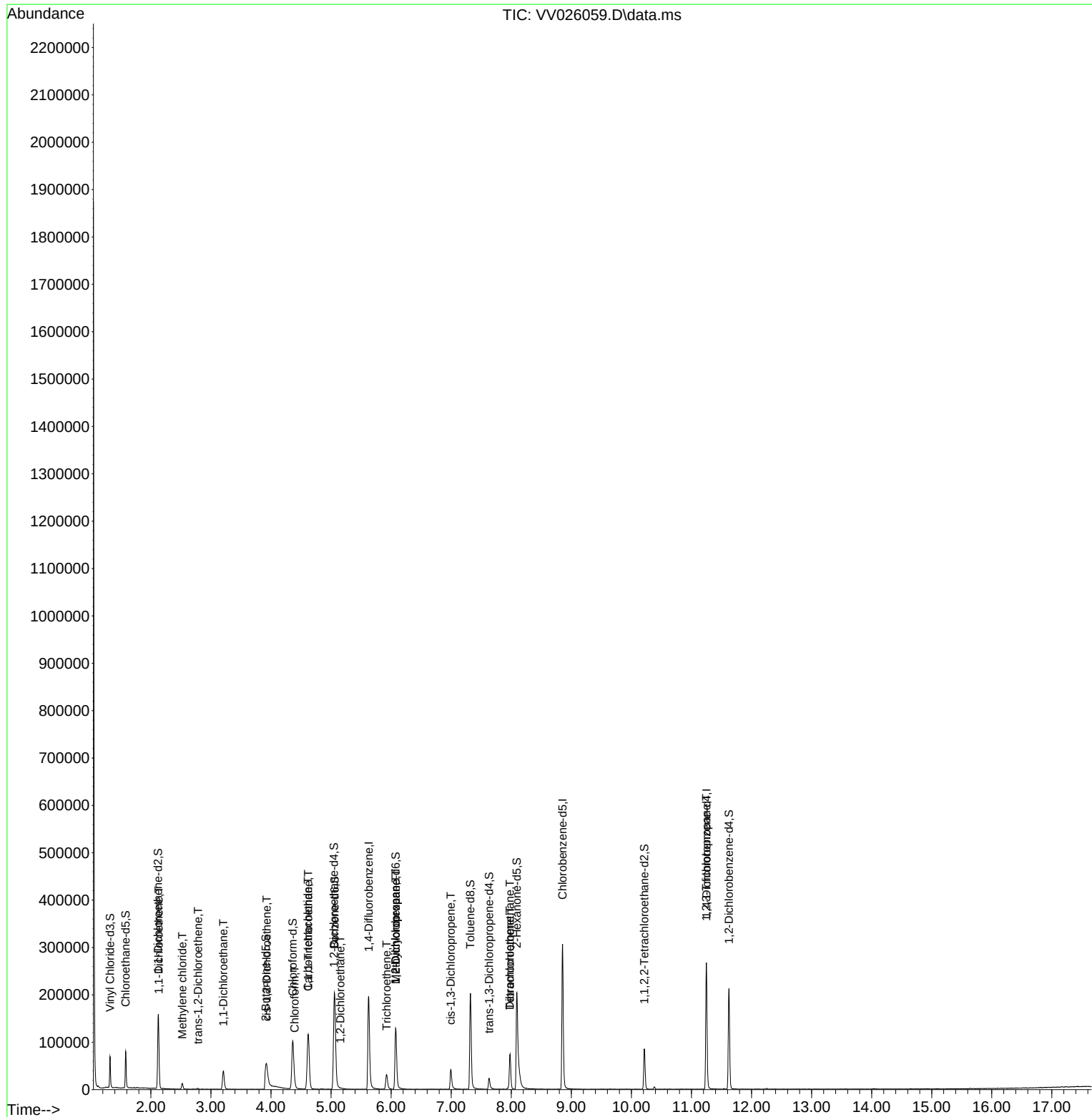
(#) = qualifier out of range (m) = manual integration (+) = signals summed

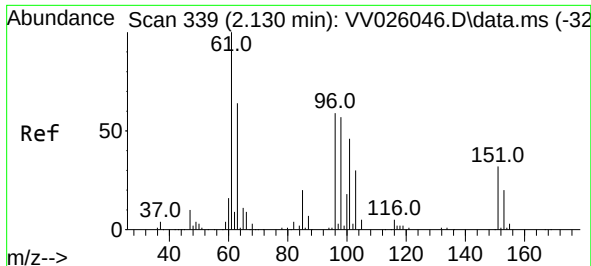
Instrument :
MSVOA_V
ClientSampleId :
EXYW5

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
Data File : VV026059.D
Acq On : 09 Jun 2022 16:57
Operator : SY/MD
Sample : N3247-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYW5

Quant Time: Jun 10 02:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 10 02:49:22 2022
Response via : Initial Calibration

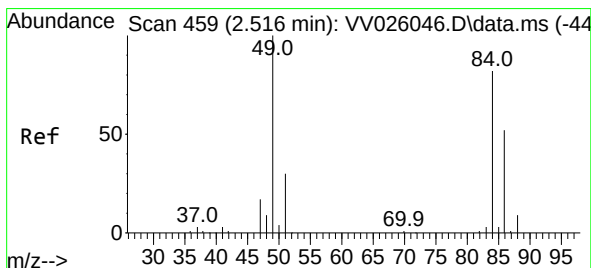
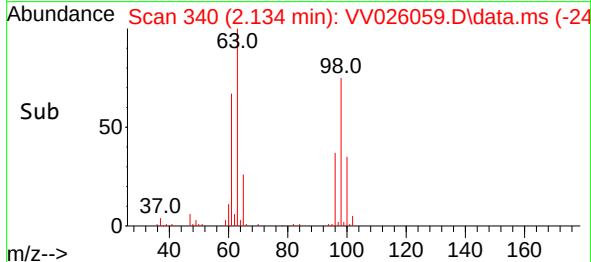
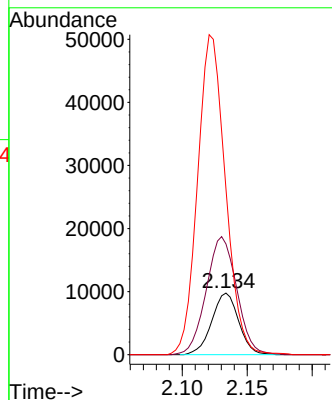
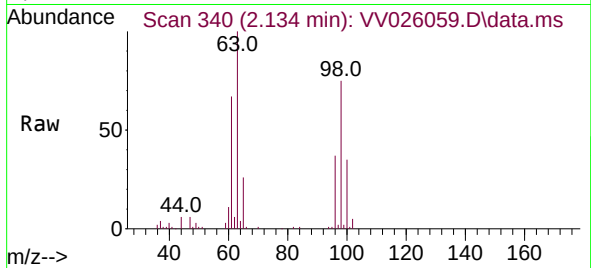




#12
1,1-Dichloroethene
Concen: 0.990 ug/L
RT: 2.134 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

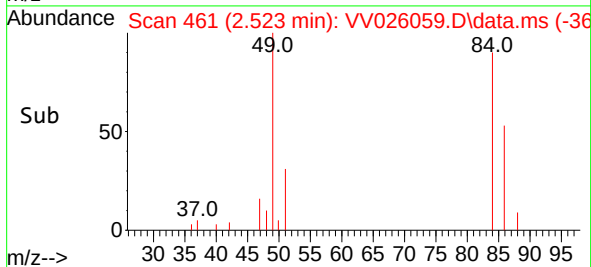
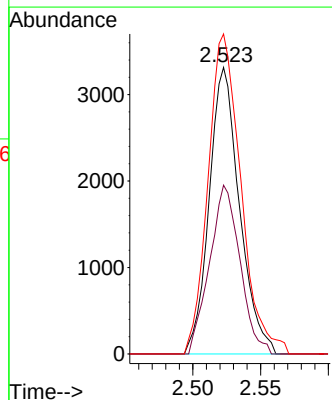
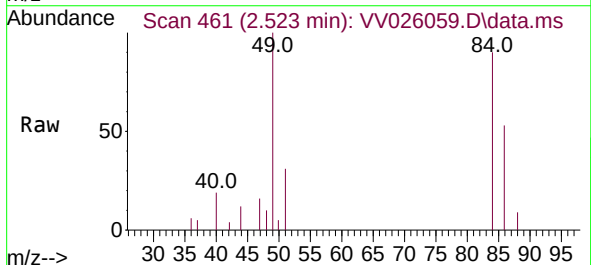
Instrument :
MSVOA_V
ClientSampleId :
EXYW5

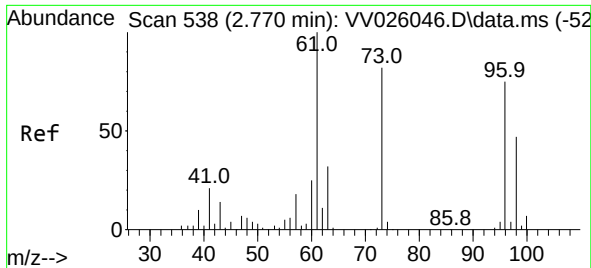
Tgt Ion: 96 Resp: 14055
Ion Ratio Lower Upper
96 100
61 179.9 122.6 227.6
63 269.2 78.5 145.9#



#16
Methylene chloride
Concen: 0.364 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.007 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

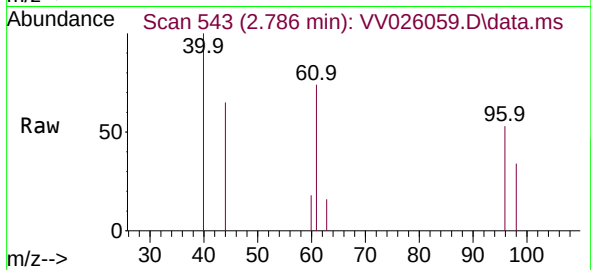
Tgt Ion: 84 Resp: 5149
Ion Ratio Lower Upper
84 100
86 58.9 45.6 84.6
49 111.6 82.9 153.9



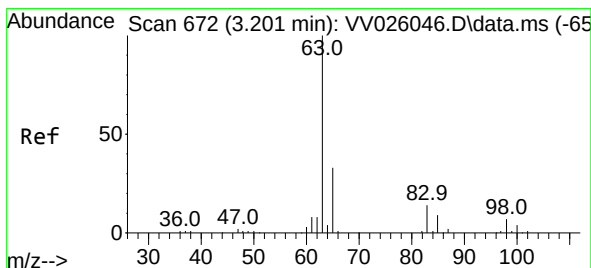
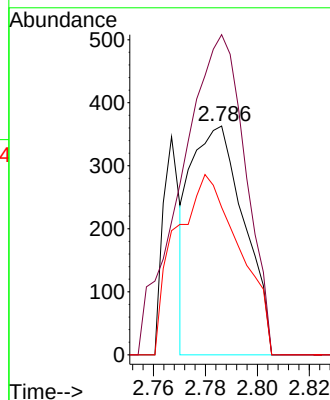
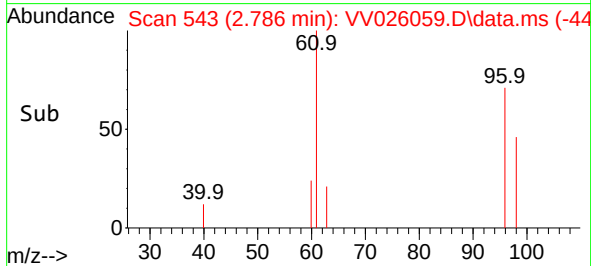


#18
trans-1,2-Dichloroethene
Concen: 0.039 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.016 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

Instrument :
MSVOA_V
ClientSampleId :
EXYW5

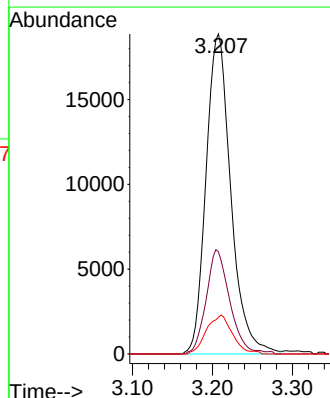
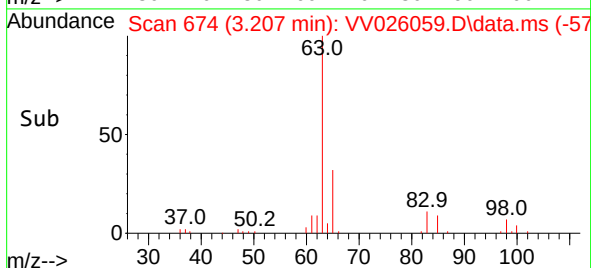
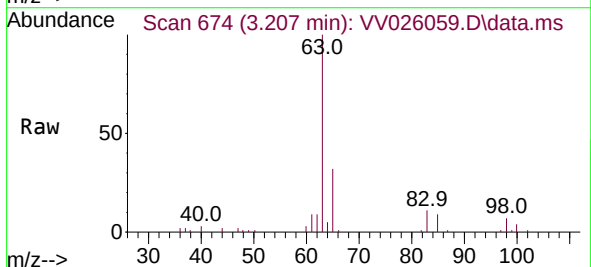


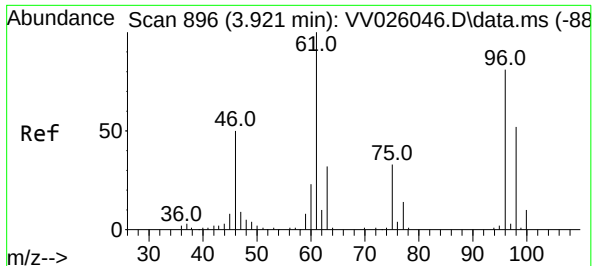
Tgt Ion:	96	Resp:	518
Ion	Ratio	Lower	Upper
96	100		
61	139.9	94.3	175.1
98	64.5	44.4	82.5



#19
1,1-Dichloroethane
Concen: 1.672 ug/L
RT: 3.207 min Scan# 674
Delta R.T. 0.007 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

Tgt Ion:	63	Resp:	40688
Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.1	42.9
83	11.4	9.7	18.1





#22

cis-1,2-Dichloroethene

Concen: 0.958 ug/L

RT: 3.931 min Scan# 896

Delta R.T. 0.010 min

Lab File: VV026059.D

Acq: 09 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW5

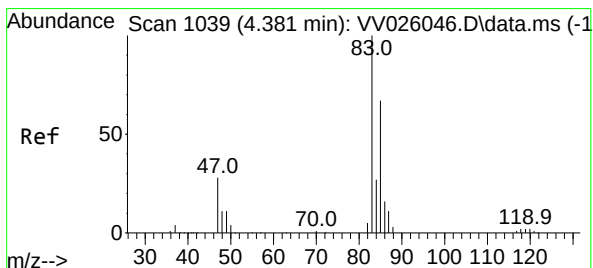
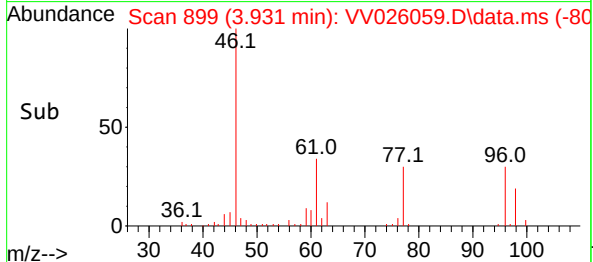
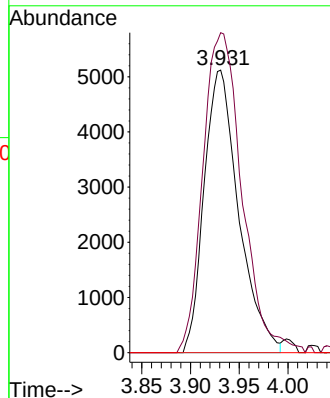
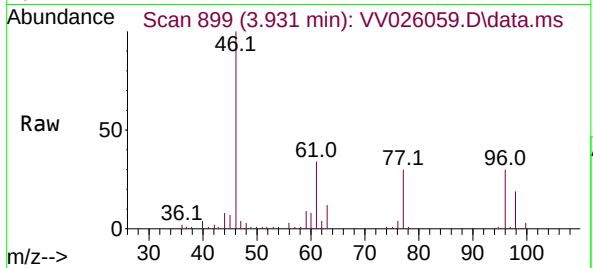
Tgt Ion: 96 Resp: 12640

Ion Ratio Lower Upper

96 100

61 113.2 83.1 154.3

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.193 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.013 min

Lab File: VV026059.D

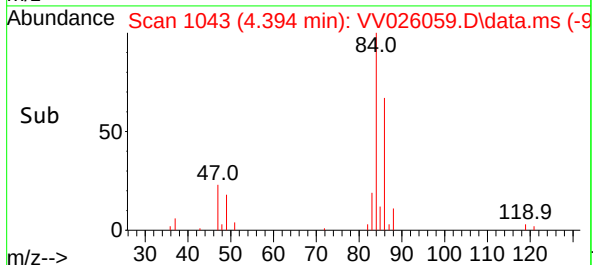
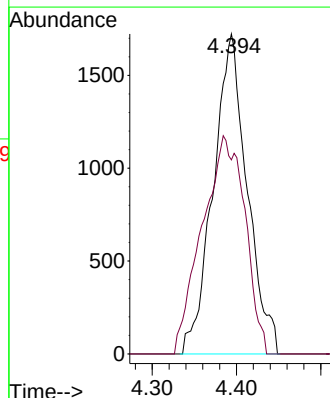
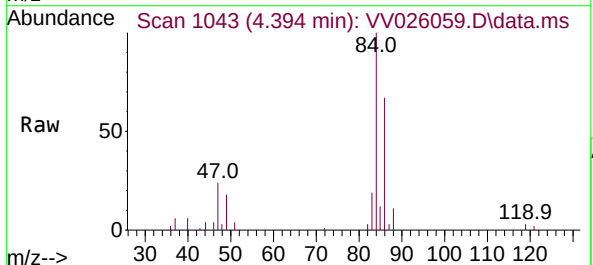
Acq: 09 Jun 2022 16:57

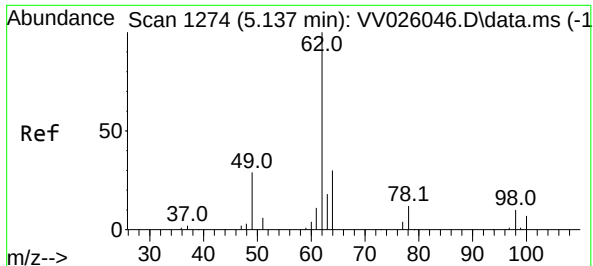
Tgt Ion: 83 Resp: 4811

Ion Ratio Lower Upper

83 100

85 60.7 45.2 84.0

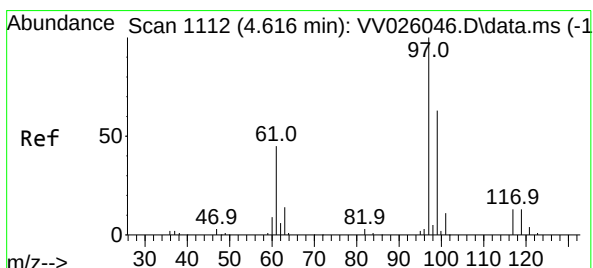
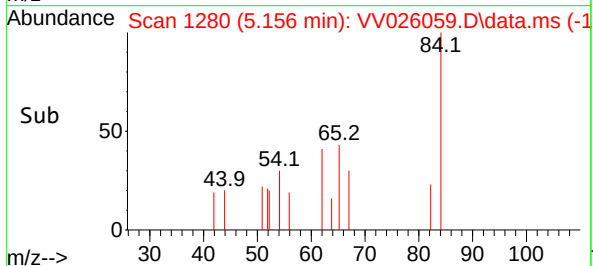
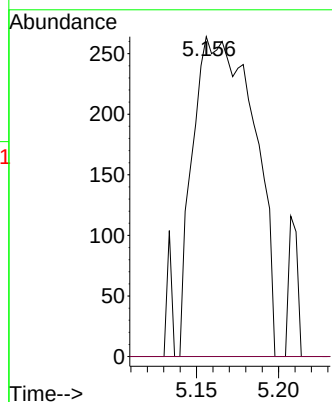
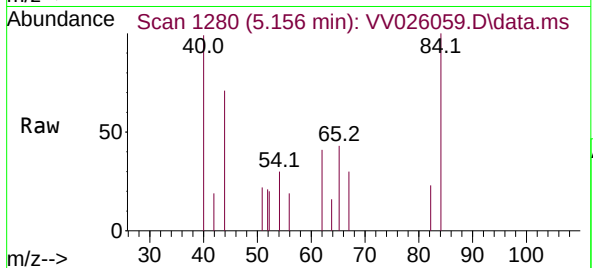




#27
1,2-Dichloroethane
Concen: 0.055 ug/L
RT: 5.156 min Scan# 1113
Delta R.T. 0.019 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

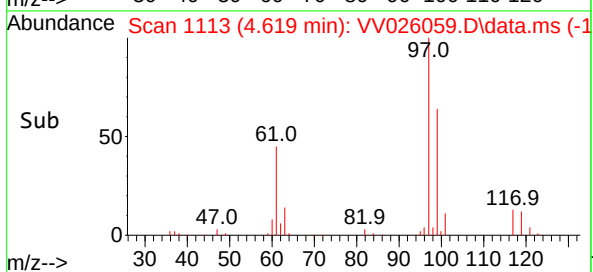
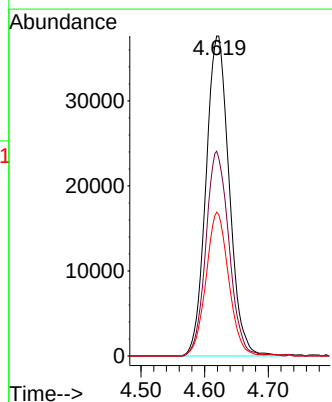
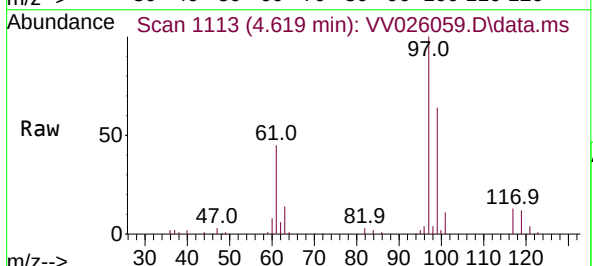
Instrument :
MSVOA_V
ClientSampleId :
EXYW5

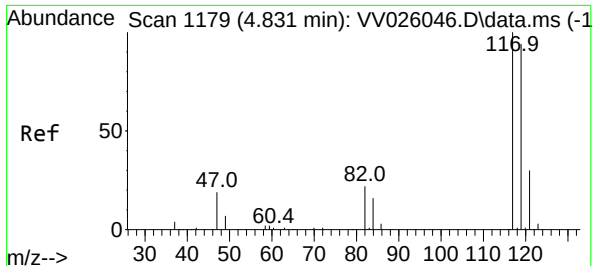
Tgt Ion: 62 Resp: 683
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#



#29
1,1,1-Trichloroethane
Concen: 4.192 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

Tgt Ion: 97 Resp: 95543
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 43.9 34.9 52.3

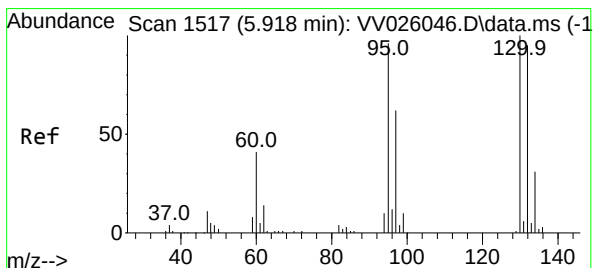
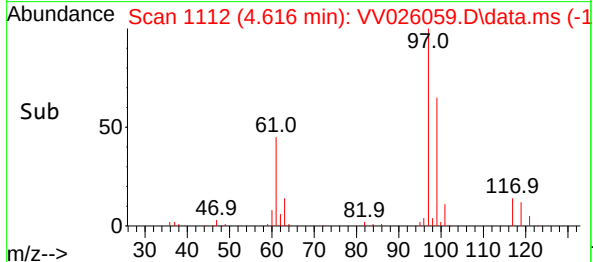
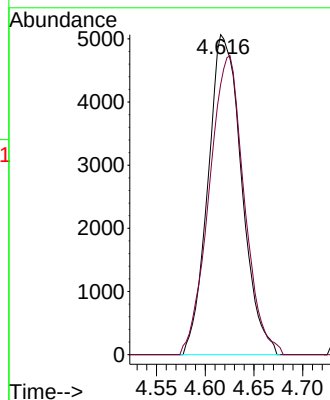
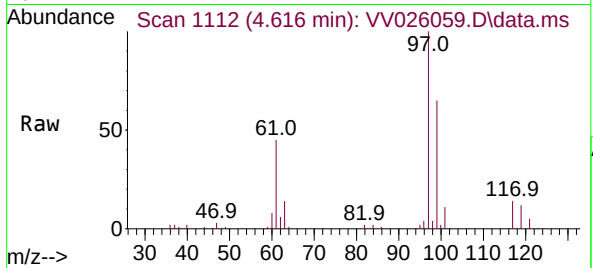




#31
Carbon tetrachloride
Concen: 0.650 ug/L
RT: 4.616 min Scan# 1179
Delta R.T. -0.215 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

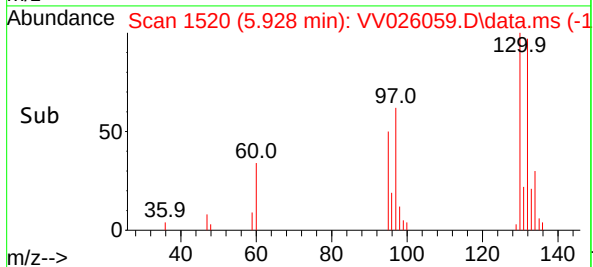
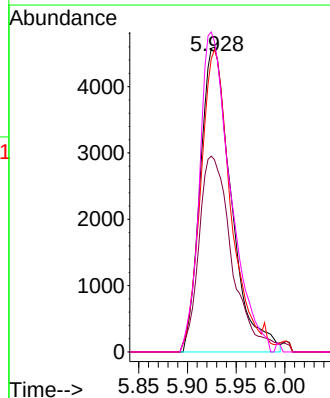
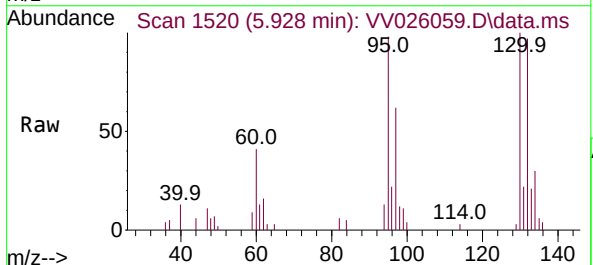
Instrument :
MSVOA_V
ClientSampleId :
EXYW5

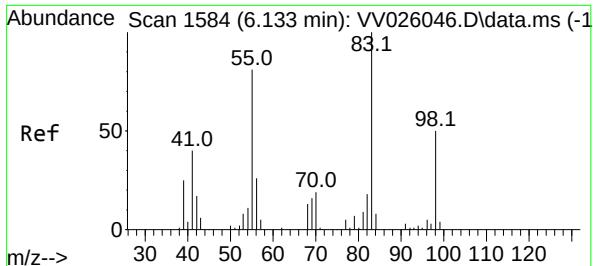
Tgt Ion:117 Resp: 12172
Ion Ratio Lower Upper
117 100
119 96.8 78.7 118.1



#34
Trichloroethene
Concen: 0.712 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.010 min
Lab File: VV026059.D
Acq: 09 Jun 2022 16:57

Tgt Ion: 95 Resp: 10157
Ion Ratio Lower Upper
95 100
97 63.0 44.0 81.6
132 99.1 67.5 125.4
130 101.8 69.7 129.5





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026059.D

Acq: 09 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW5

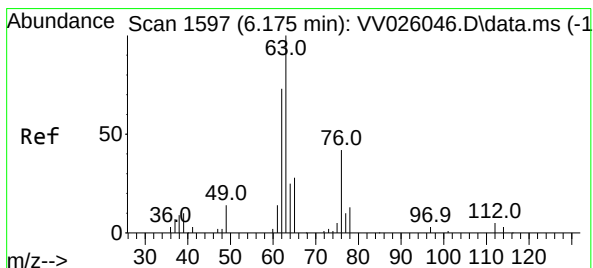
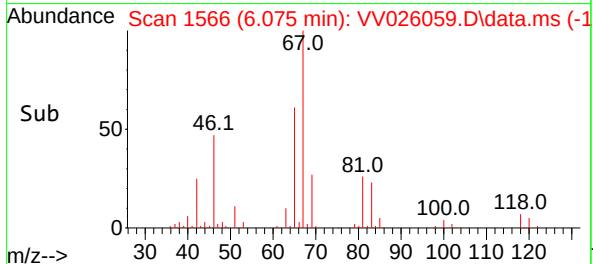
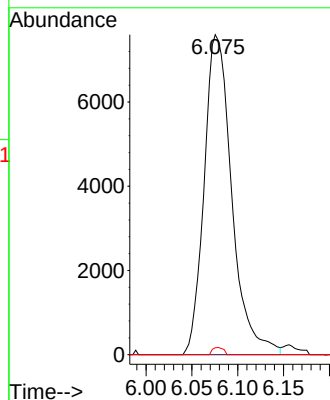
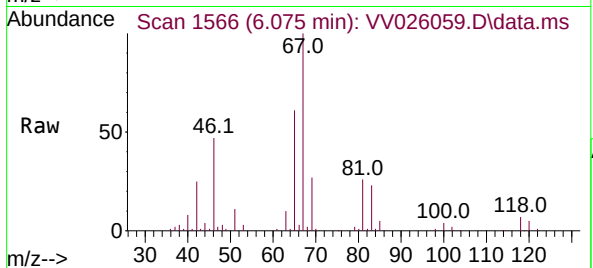
Tgt Ion: 83 Resp: 15959

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 0.9 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV026059.D

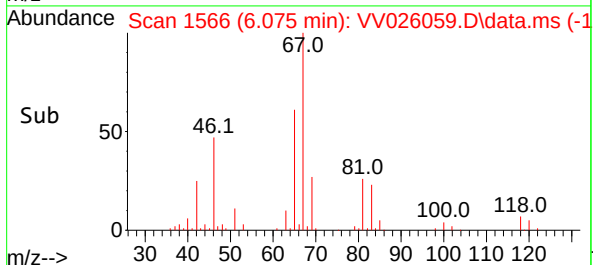
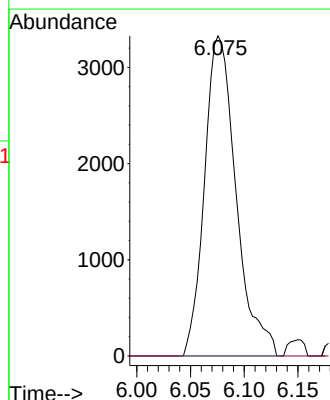
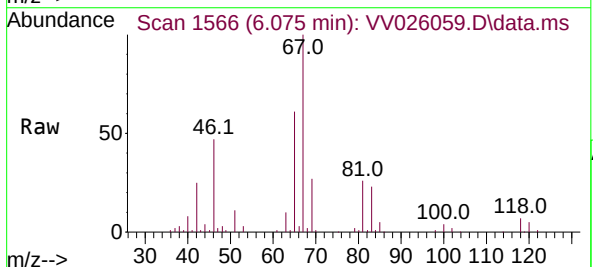
Acq: 09 Jun 2022 16:57

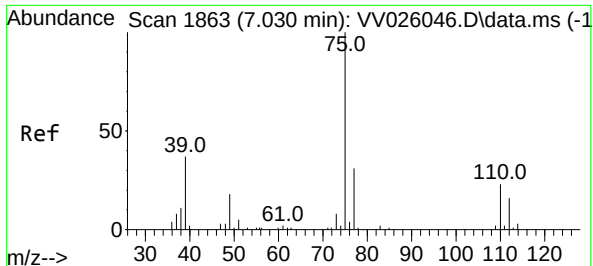
Tgt Ion: 63 Resp: 6799

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026059.D

Acq: 09 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

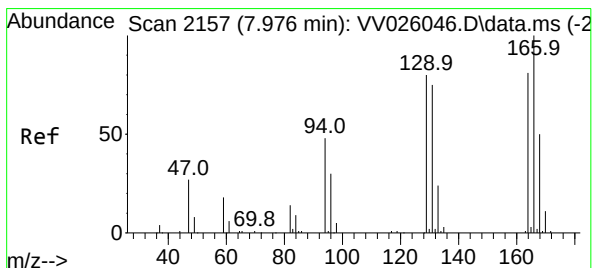
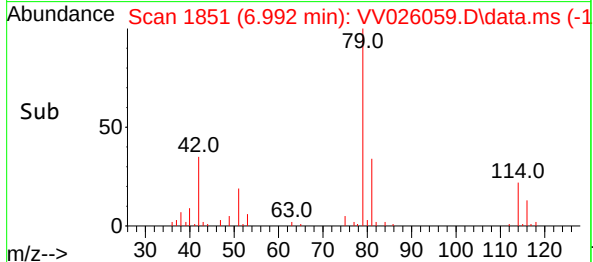
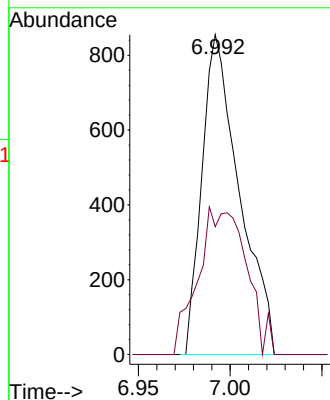
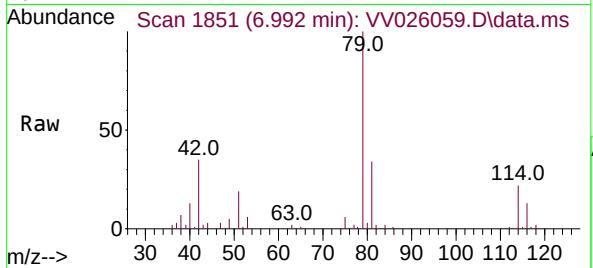
EXYW5

Tgt Ion: 75 Resp: 1212

Ion Ratio Lower Upper

75 100

77 40.0 23.2 43.0



#47

Tetrachloroethene

Concen: 1.531 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026059.D

Acq: 09 Jun 2022 16:57

Tgt Ion: 164 Resp: 16898

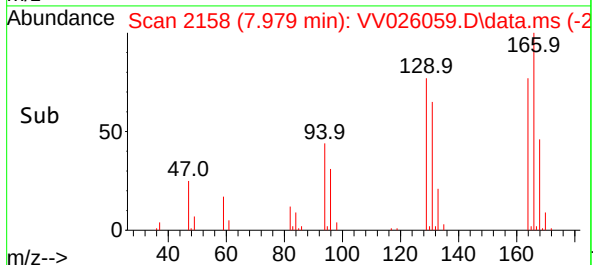
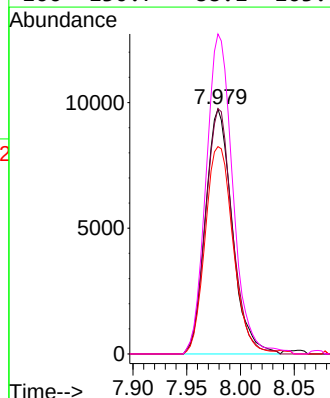
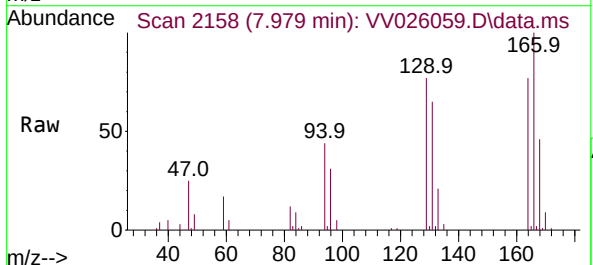
Ion Ratio Lower Upper

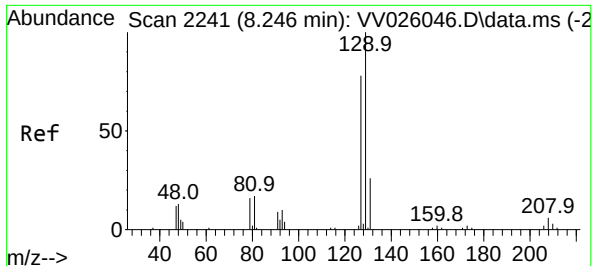
164 100

129 100.1 68.3 126.9

131 84.6 66.5 123.5

166 130.7 88.1 163.7





#49

Dibromochloromethane

Concen: 1.785 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026059.D

Acq: 09 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

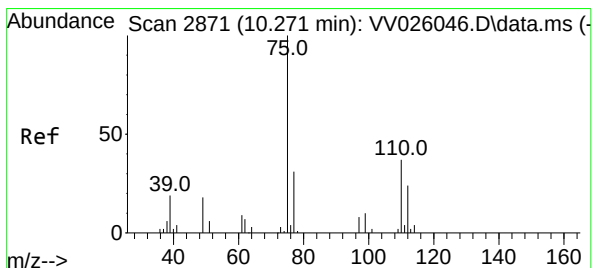
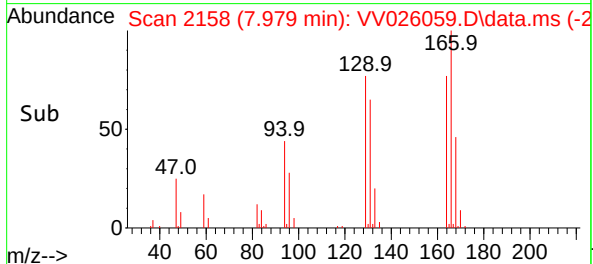
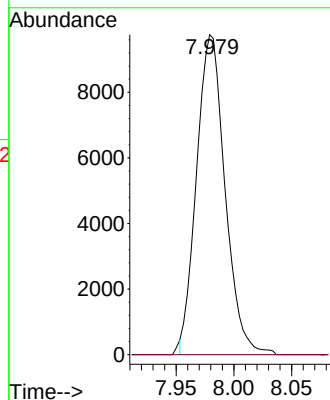
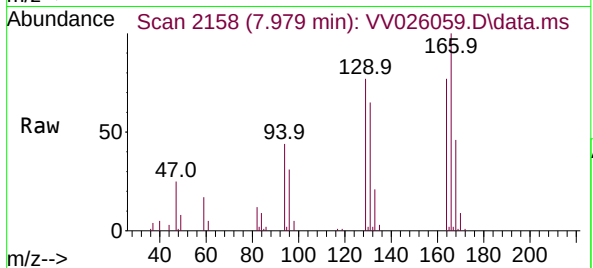
EXYW5

Tgt Ion:129 Resp: 16732

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.599 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026059.D

Acq: 09 Jun 2022 16:57

Tgt Ion: 75 Resp: 8838

Ion Ratio Lower Upper

75 100

77 31.9 26.6 40.0

110 1.1 32.0 48.0#

