

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025134.D
 Acq On : 23 Mar 2022 15:56
 Operator : SY/MD
 Sample : N2083-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Y9

Quant Time: Mar 24 01:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

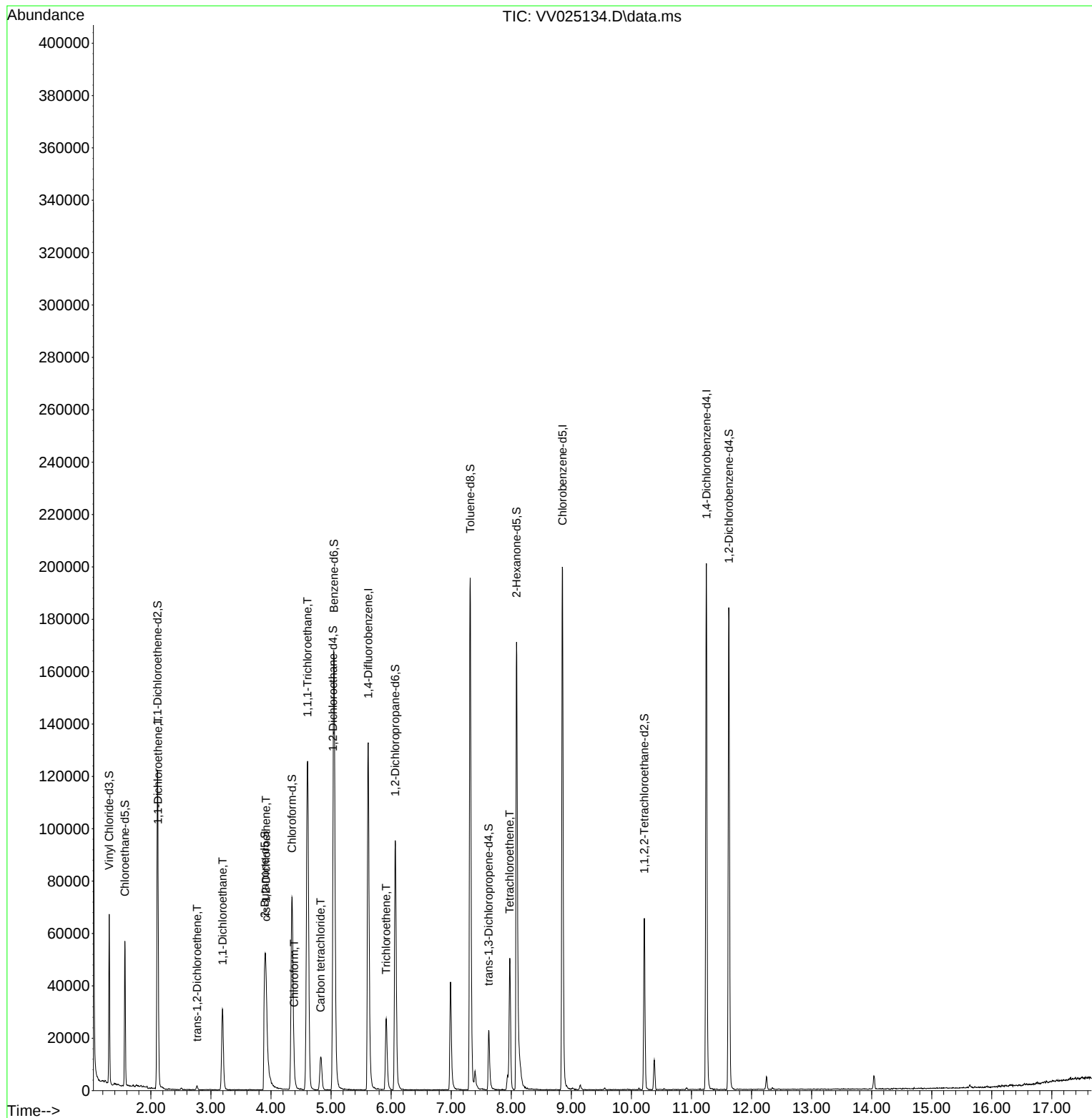
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122636	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39816	4.112	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.200%	
7) Chloroethane-d5	1.568	69	35284	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.111	63	58153	3.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.895	46	82491	70.499	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.000%#	
24) Chloroform-d	4.349	84	81890	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.034	65	36978	5.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.050	84	162479	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.069	67	50658	5.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.316	98	136762	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15244	4.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.088	63	65212	56.454	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32646	5.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	47328	5.353	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	12296	1.574	ug/L #	38
18) trans-1,2-Dichloroethene	2.770	96	698	0.074	ug/L	89
19) 1,1-Dichloroethane	3.194	63	32339	2.021	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	12835	1.352	ug/L	95
25) Chloroform	4.384	83	2555	0.153	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	107879	7.264	ug/L	98
31) Carbon tetrachloride	4.828	117	10393	0.816	ug/L	98
34) Trichloroethene	5.918	95	10183	1.010	ug/L	97
47) Tetrachloroethene	7.976	164	11361	1.601	ug/L	97

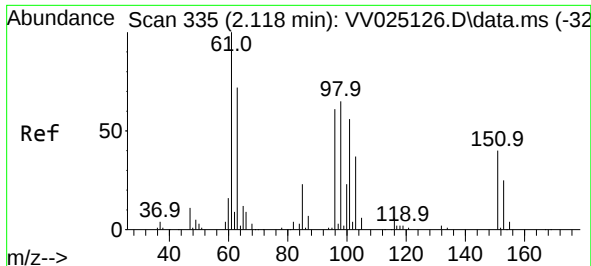
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.574 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

ClientSampleId :

EW5Y9

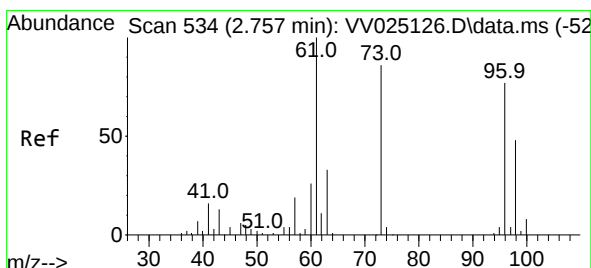
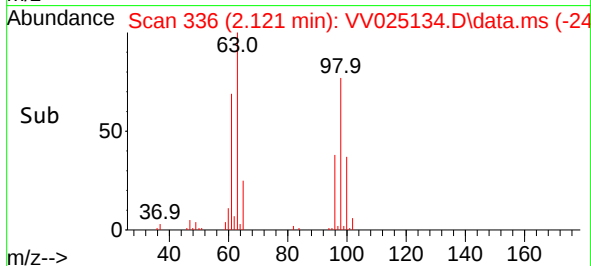
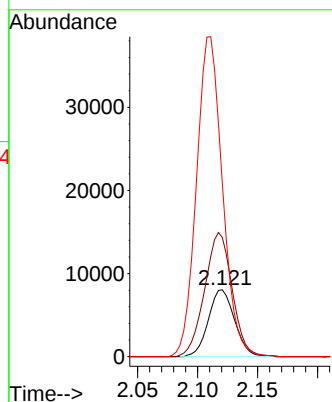
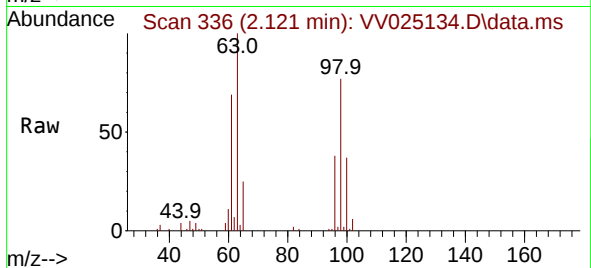
Tgt Ion: 96 Resp: 12296

Ion Ratio Lower Upper

96 100

61 178.4 113.0 209.9

63 260.3 82.1 152.5#



#18

trans-1,2-Dichloroethene

Concen: 0.074 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.013 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

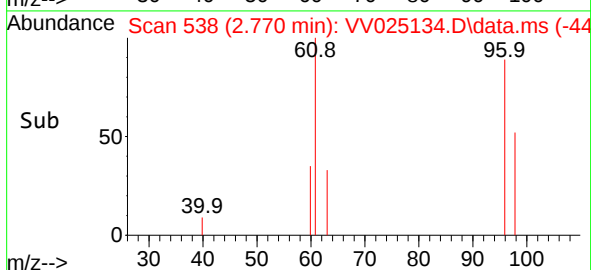
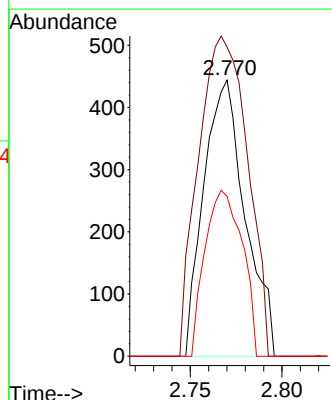
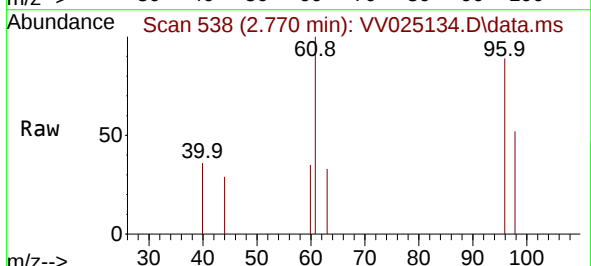
Tgt Ion: 96 Resp: 698

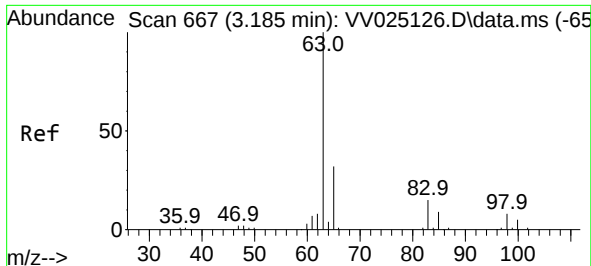
Ion Ratio Lower Upper

96 100

61 111.9 89.2 165.6

98 57.9 43.9 81.5





#19

1,1-Dichloroethane

Concen: 2.021 ug/L

RT: 3.194 min Scan# 61

Delta R.T. 0.009 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

Instrument :

MSVOA_V

ClientSampleId :

EW5Y9

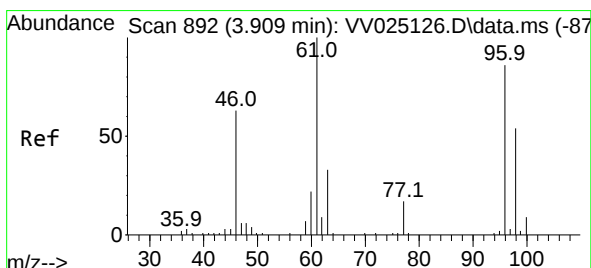
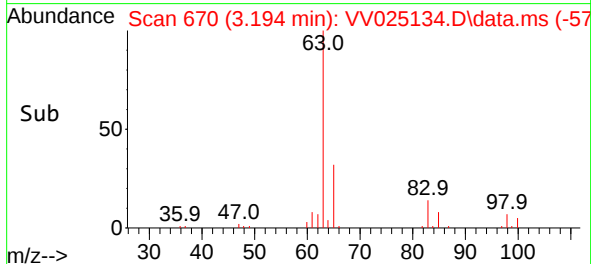
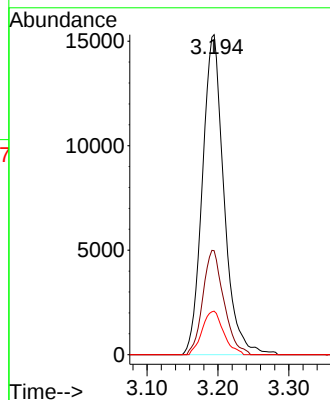
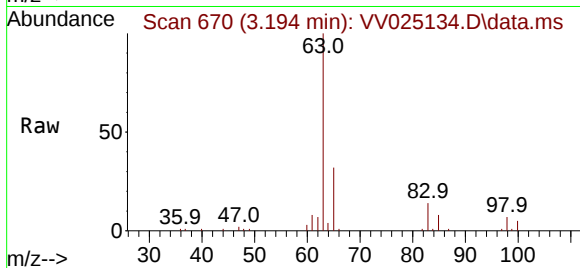
Tgt Ion: 63 Resp: 32339

Ion Ratio Lower Upper

63 100

65 32.5 22.2 41.2

83 13.6 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 1.352 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025134.D

Acq: 23 Mar 2022 15:56

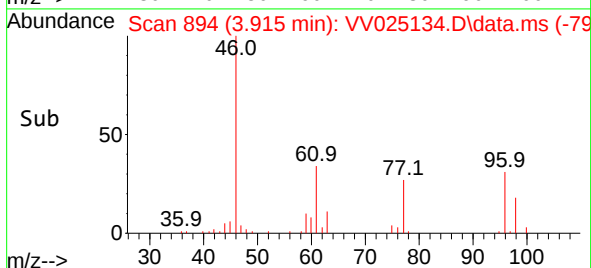
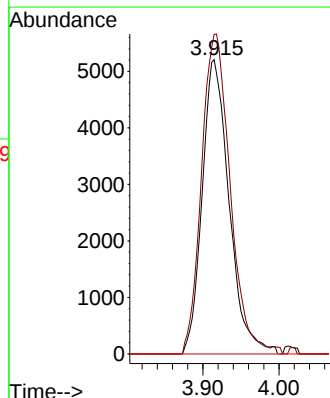
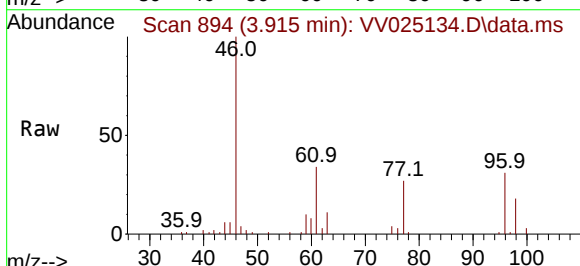
Tgt Ion: 96 Resp: 12835

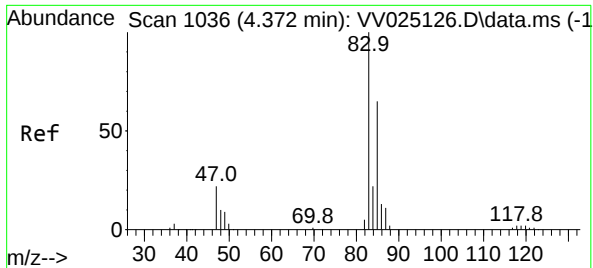
Ion Ratio Lower Upper

96 100

61 108.6 79.7 147.9

68 0.0 0.0 0.0

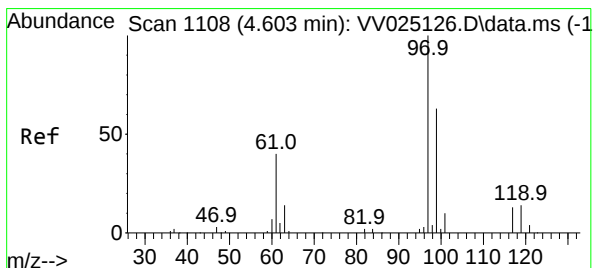
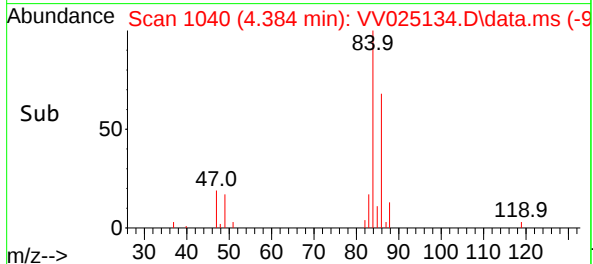
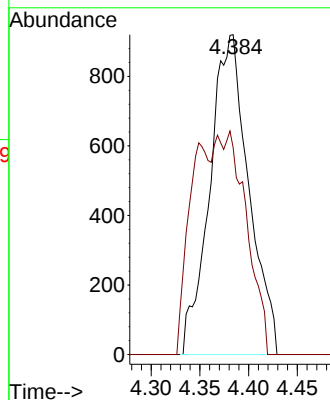
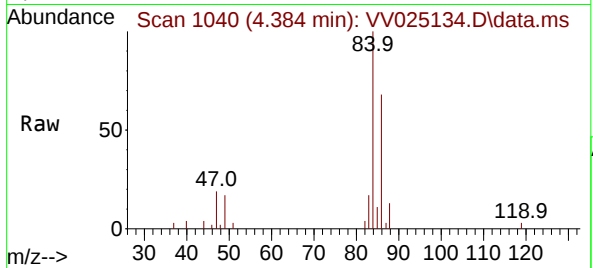




#25
Chloroform
Concen: 0.153 ug/L
RT: 4.384 min Scan# 1109
Delta R.T. 0.013 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

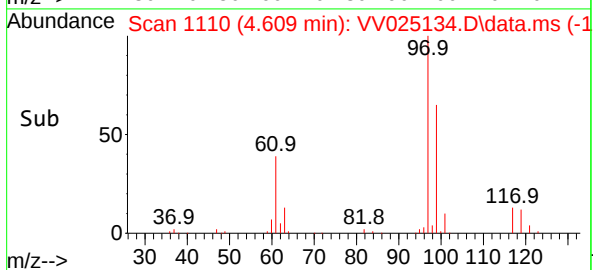
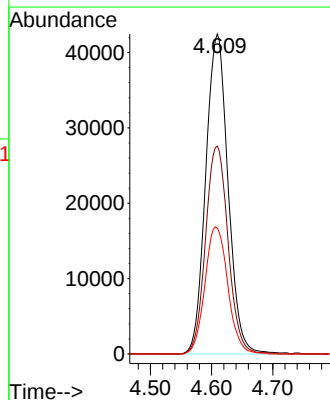
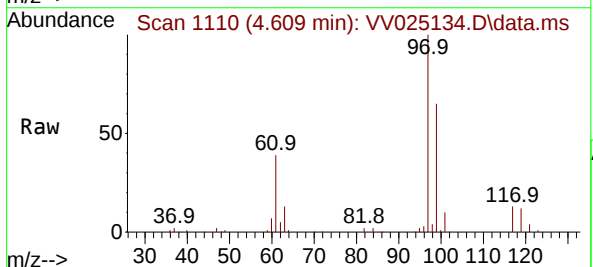
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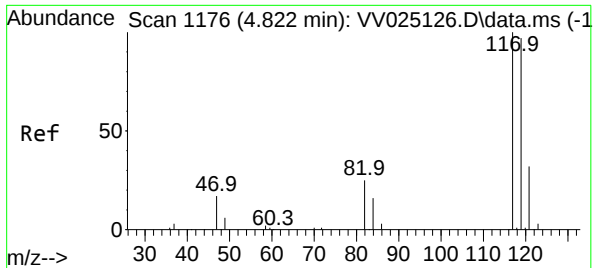
Tgt Ion: 83 Resp: 2555
Ion Ratio Lower Upper
83 100
85 64.7 44.5 82.7



#29
1,1,1-Trichloroethane
Concen: 7.264 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

Tgt Ion: 97 Resp: 107879
Ion Ratio Lower Upper
97 100
99 65.7 50.7 76.1
61 40.7 32.4 48.6

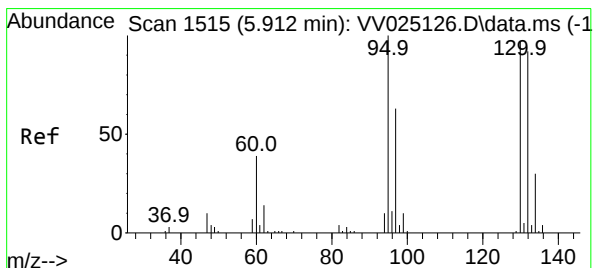
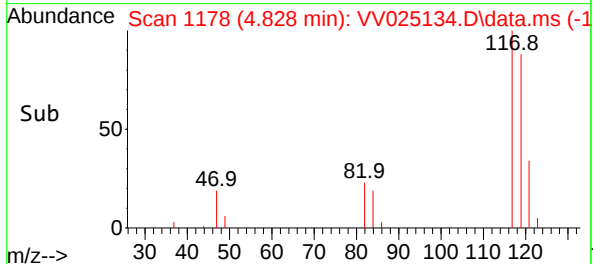
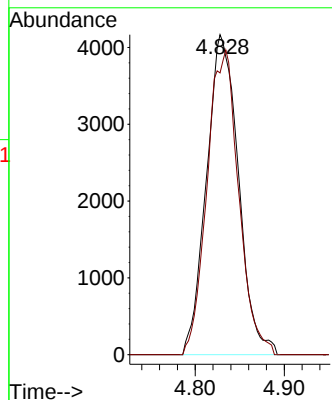
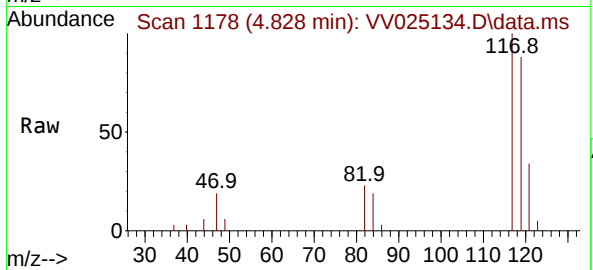




#31
Carbon tetrachloride
Concen: 0.816 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

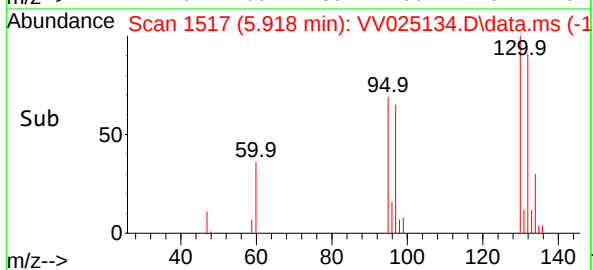
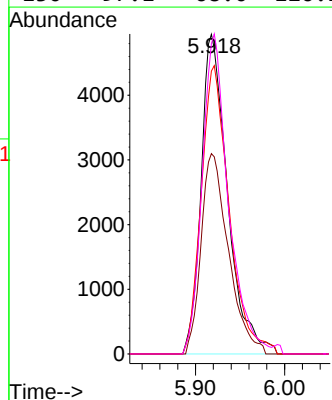
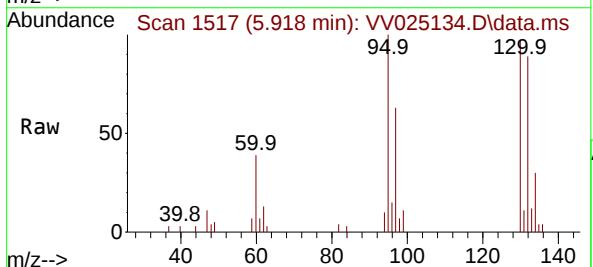
Instrument :
MSVOA_V
ClientSampleId :
EW5Y9

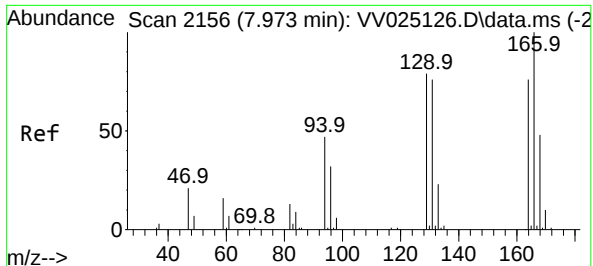
Tgt Ion:117 Resp: 10393
Ion Ratio Lower Upper
117 100
119 94.1 76.8 115.2



#34
Trichloroethene
Concen: 1.010 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025134.D
Acq: 23 Mar 2022 15:56

Tgt Ion: 95 Resp: 10183
Ion Ratio Lower Upper
95 100
97 62.7 44.5 82.7
132 88.5 66.5 123.5
130 97.1 68.0 126.2





#47
 Tetrachloroethene
 Concen: 1.601 ug/L
 RT: 7.976 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV025134.D
 Acq: 23 Mar 2022 15:56

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Y9

Tgt Ion:164 Resp: 11361

Ion	Ratio	Lower	Upper
164	100		
129	103.0	70.3	130.7
131	105.8	69.4	129.0
166	129.0	90.3	167.7

