

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025370.D
 Acq On : 06 Apr 2022 17:45
 Operator : SY/MD
 Sample : N2291-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31

Quant Time: Apr 07 01:28:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

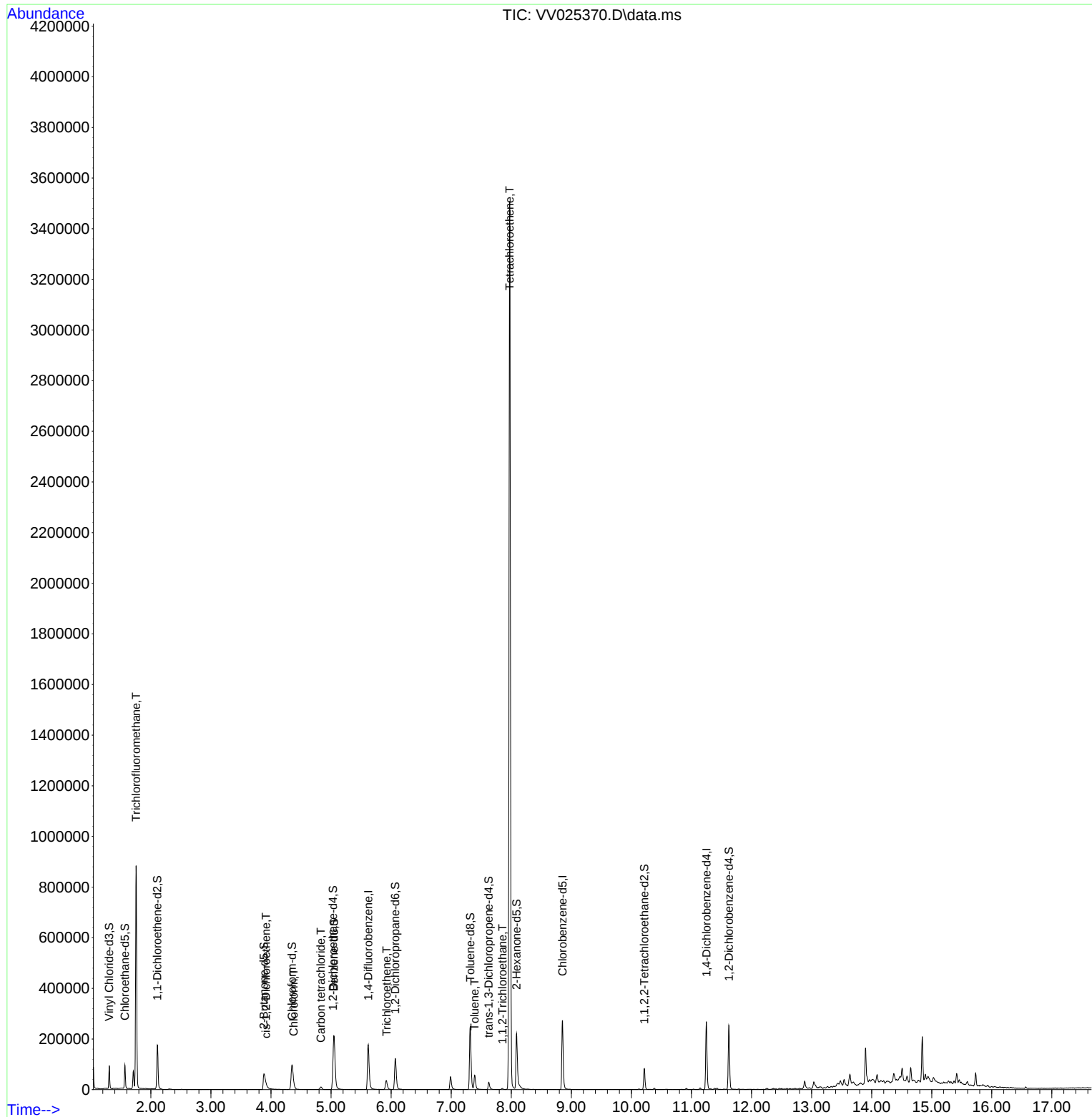
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	161004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	152493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56334	3.746	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	59531	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.108	63	91120	2.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.883	46	92764	61.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.840%
24) Chloroform-d	4.349	84	103226	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.034	65	45040	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	201084	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.069	67	58829	5.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.317	98	168431	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	17781	5.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.088	63	79659	62.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39230	5.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	63365	5.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
9) Trichlorofluoromethane	1.754	101	504143	17.603	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	2391	0.202	ug/L	77
25) Chloroform	4.378	83	8265	0.384	ug/L	98
31) Carbon tetrachloride	4.828	117	7786	0.488	ug/L	92
34) Trichloroethene	5.924	95	12290	1.001	ug/L	96
42) Toluene	7.391	91	44312	0.928	ug/L	99
45) 1,1,2-Trichloroethane	7.854	97	1290	0.182	ug/L	90
47) Tetrachloroethene	7.976	164	747280	82.510	ug/L	96

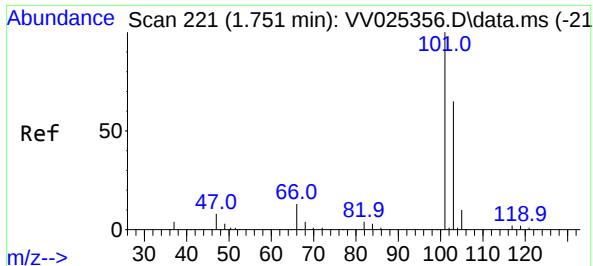
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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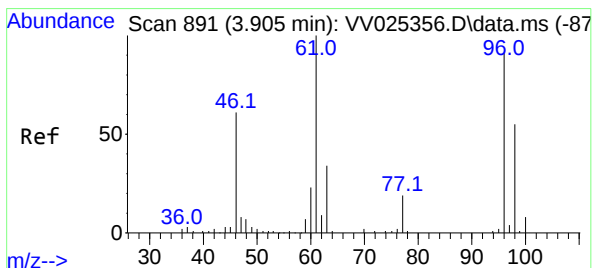
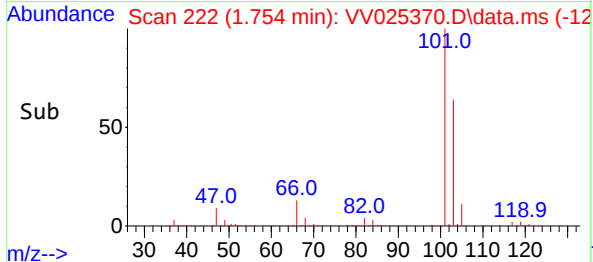
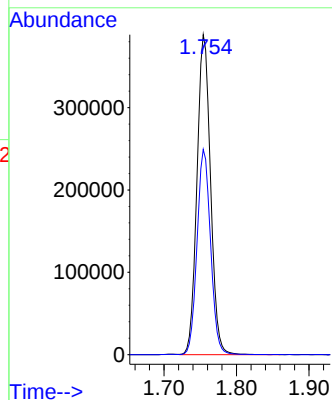
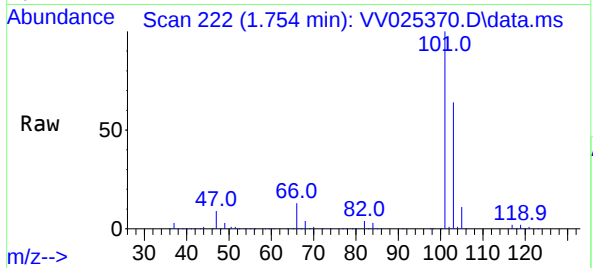




#9
Trichlorofluoromethane
Concen: 17.603 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

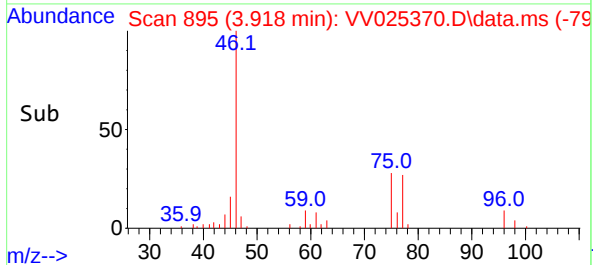
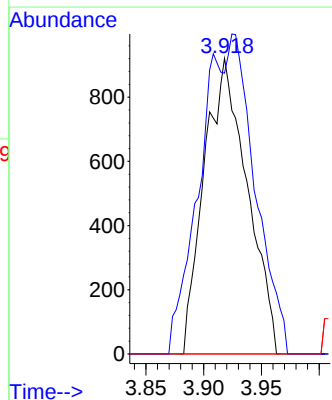
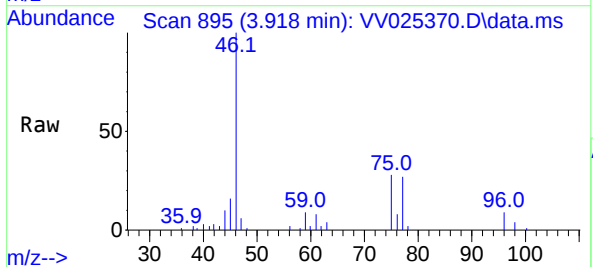
Instrument :
MSVOA_V
ClientSampleId :
C0B31

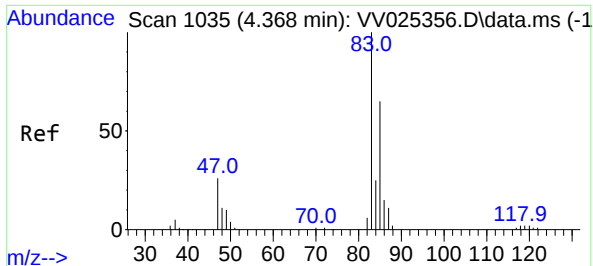
Tgt Ion:101 Resp: 504143
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2



#22
cis-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Tgt Ion: 96 Resp: 2391
Ion Ratio Lower Upper
96 100
61 95.0 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.384 ug/L

RT: 4.378 min Scan# 110

Delta R.T. 0.010 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

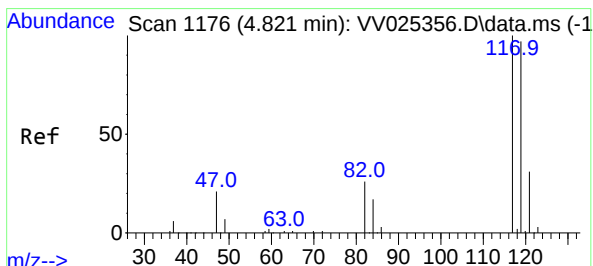
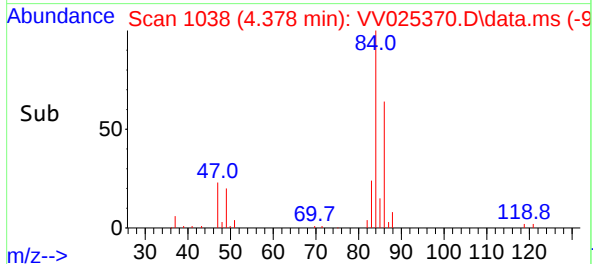
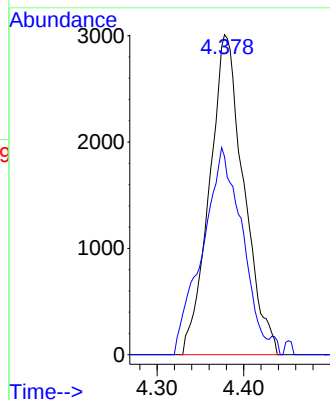
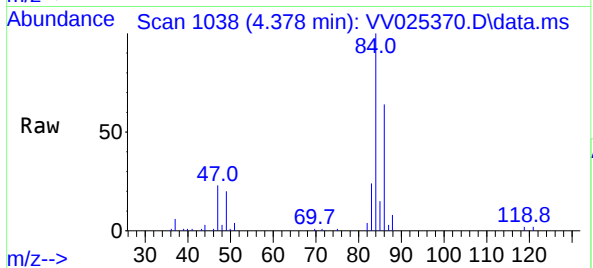
C0B31

Tgt Ion: 83 Resp: 8265

Ion Ratio Lower Upper

83 100

85 61.9 44.7 82.9



#31

Carbon tetrachloride

Concen: 0.488 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VV025370.D

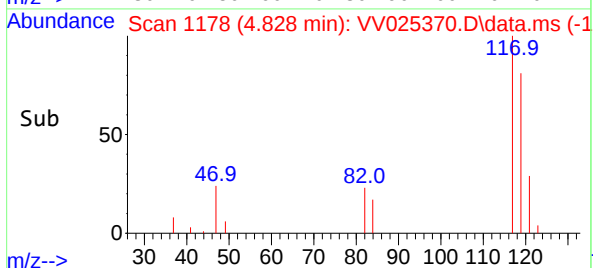
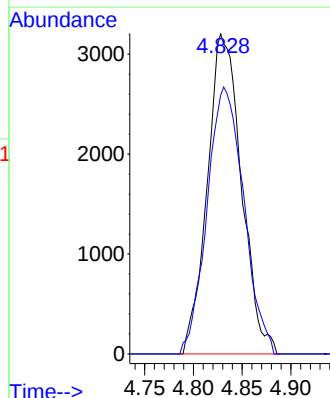
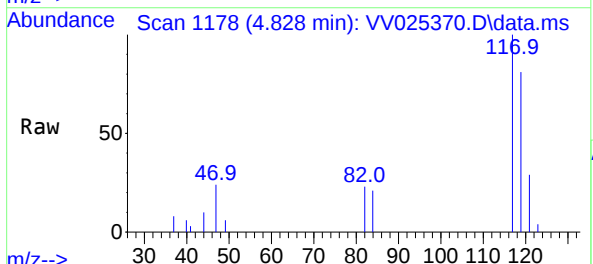
Acq: 06 Apr 2022 17:45

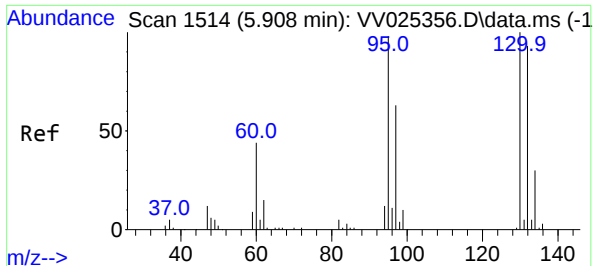
Tgt Ion: 117 Resp: 7786

Ion Ratio Lower Upper

117 100

119 89.7 77.8 116.6



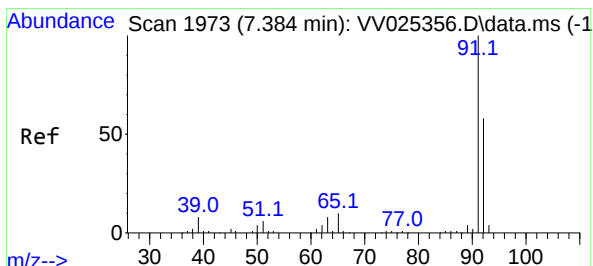
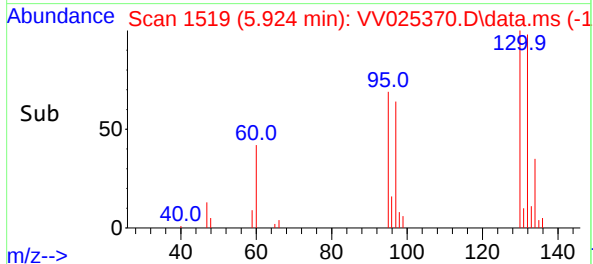
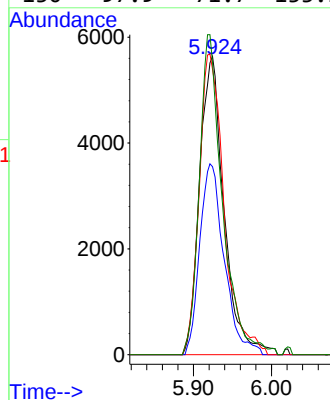
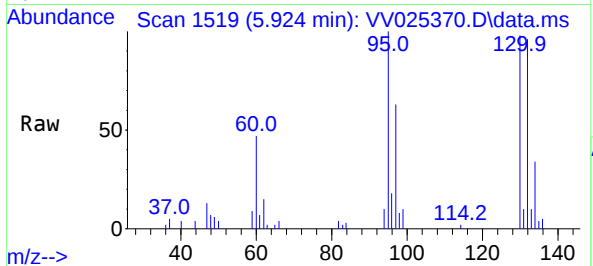


#34
Trichloroethene
Concen: 1.001 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Instrument :
MSVOA_V
ClientSampleId :
C0B31

Tgt Ion: 95 Resp: 12290

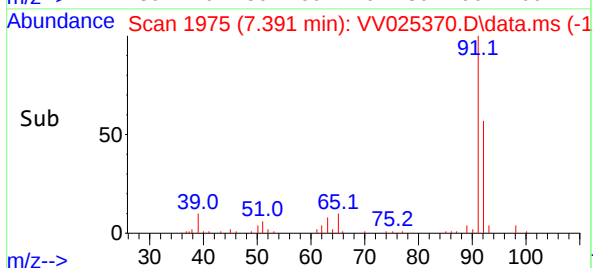
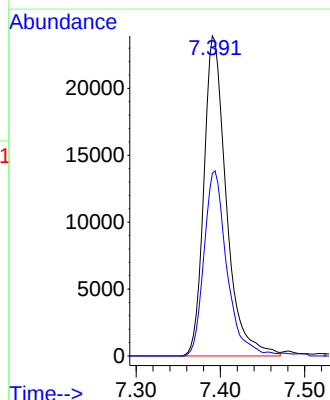
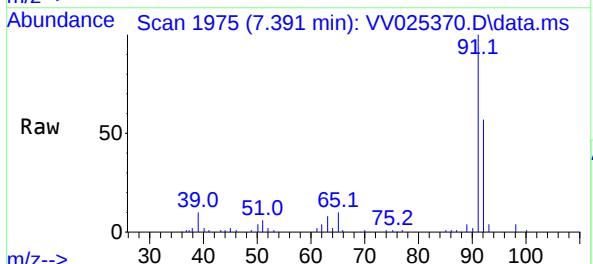
Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.3	85.9
132	95.7	65.2	121.2
130	97.9	71.7	133.1

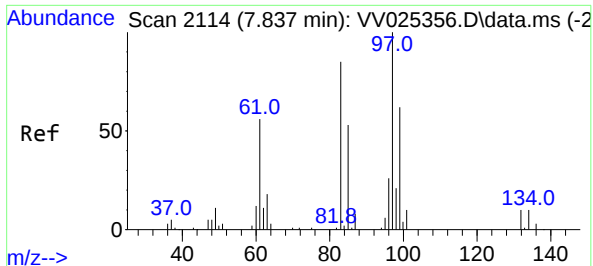


#42
Toluene
Concen: 0.928 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV025370.D
Acq: 06 Apr 2022 17:45

Tgt Ion: 91 Resp: 44312

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.3	74.9





#45

1,1,2-Trichloroethane

Concen: 0.182 ug/L

RT: 7.854 min Scan# 2114

Delta R.T. 0.016 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Instrument :

MSVOA_V

ClientSampleId :

C0B31

Tgt Ion: 97 Resp: 1290

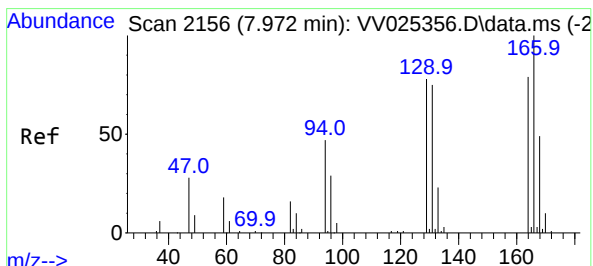
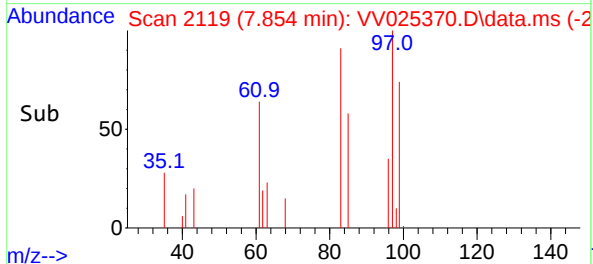
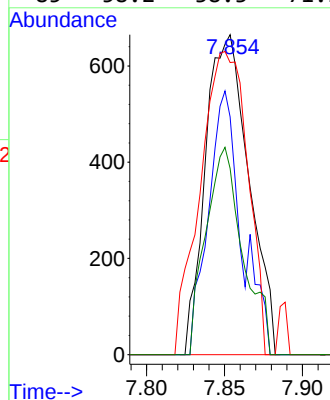
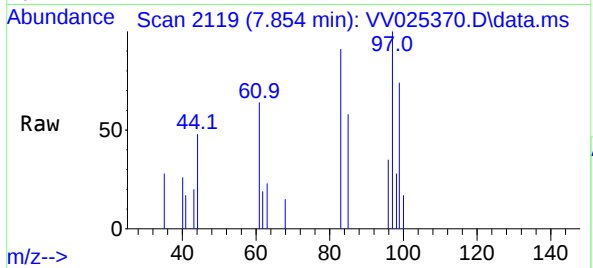
Ion Ratio Lower Upper

97 100

99 74.3 43.3 80.5

83 91.3 58.0 107.6

85 58.2 38.3 71.1



#47

Tetrachloroethene

Concen: 82.510 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025370.D

Acq: 06 Apr 2022 17:45

Tgt Ion:164 Resp: 747280

Ion Ratio Lower Upper

164 100

129 94.9 67.5 125.4

131 90.8 68.0 126.4

166 126.2 86.2 160.2

