

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025368.D
 Acq On : 06 Apr 2022 16:59
 Operator : SY/MD
 Sample : N2291-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B29

Quant Time: Apr 07 01:28:05 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)

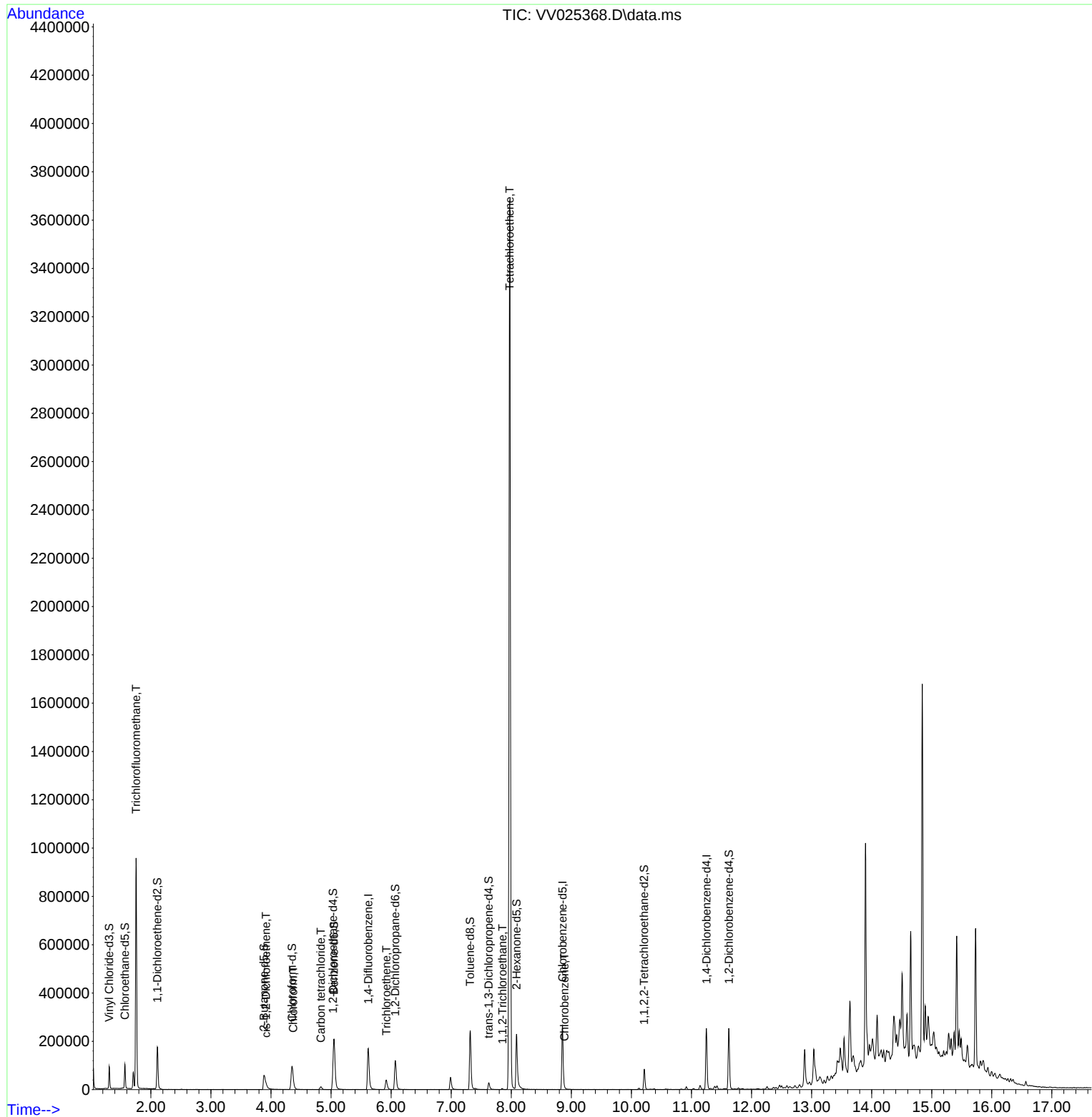
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154632	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57189	3.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.568	69	60566	4.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.108	63	90831	2.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.883	46	93762	65.168	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.340%#
24) Chloroform-d	4.349	84	99723	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.034	65	46902	5.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.050	84	194396	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.069	67	59052	5.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.317	98	163449	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.625	79	17465	5.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.088	63	81745	65.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.060%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39522	5.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	62878	5.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	540101	19.636	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	3574	0.315	ug/L	86
25) Chloroform	4.371	83	7079	0.342	ug/L	88
31) Carbon tetrachloride	4.831	117	8437	0.540	ug/L	96
34) Trichloroethene	5.921	95	13936	1.159	ug/L	97
45) 1,1,2-Trichloroethane	7.854	97	1258	0.181	ug/L	92
47) Tetrachloroethene	7.976	164	788083	88.856	ug/L	96
51) Chlorobenzene	8.886	112	2162	0.072	ug/L	90

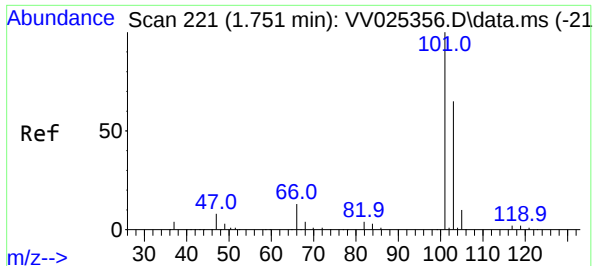
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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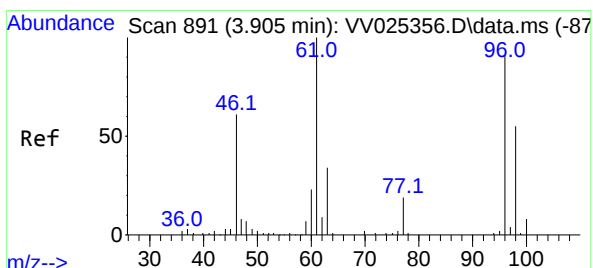
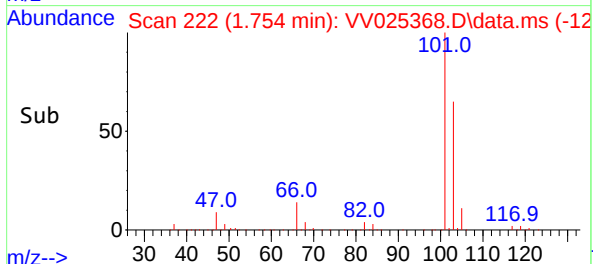
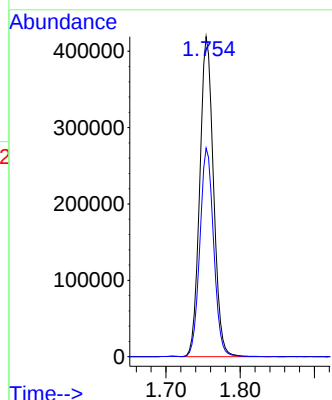
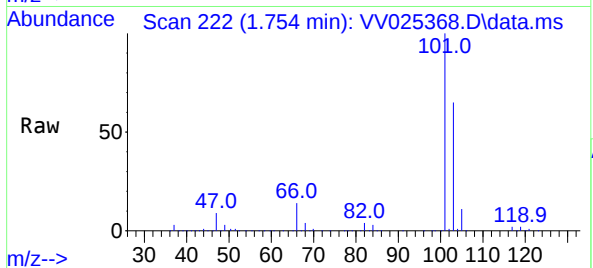




#9
Trichlorofluoromethane
Concen: 19.636 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

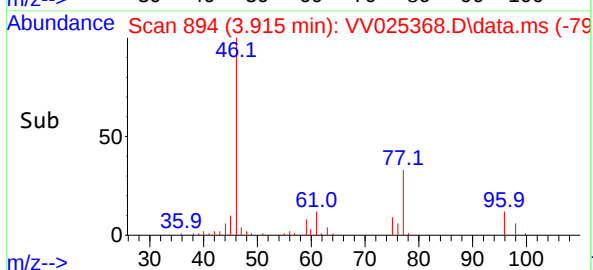
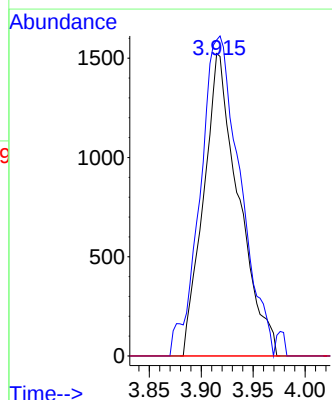
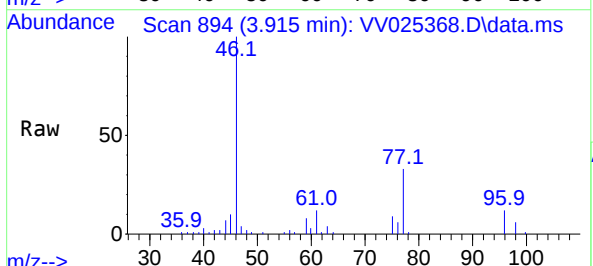
Instrument :
MSVOA_V
ClientSampleId :
C0B29

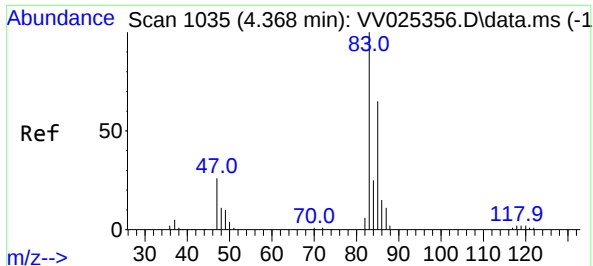
Tgt Ion:101 Resp: 540101
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.2



#22
cis-1,2-Dichloroethene
Concen: 0.315 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Tgt Ion: 96 Resp: 3574
Ion Ratio Lower Upper
96 100
61 104.5 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.342 ug/L

RT: 4.371 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV025368.D

Acq: 06 Apr 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

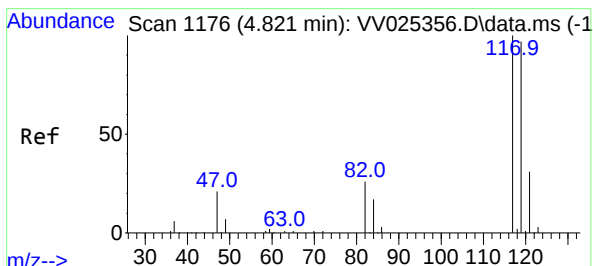
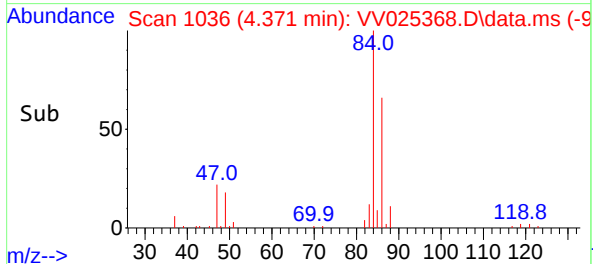
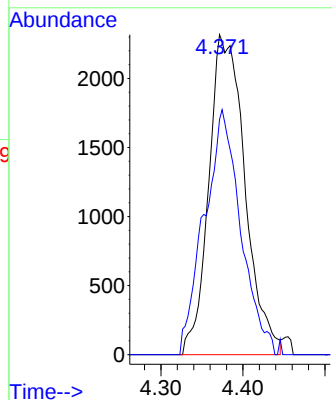
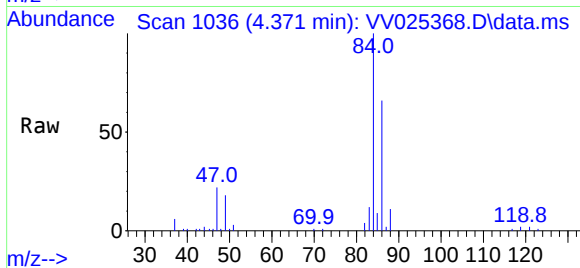
C0B29

Tgt Ion: 83 Resp: 7079

Ion Ratio Lower Upper

83 100

85 73.5 44.7 82.9



#31

Carbon tetrachloride

Concen: 0.540 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.010 min

Lab File: VV025368.D

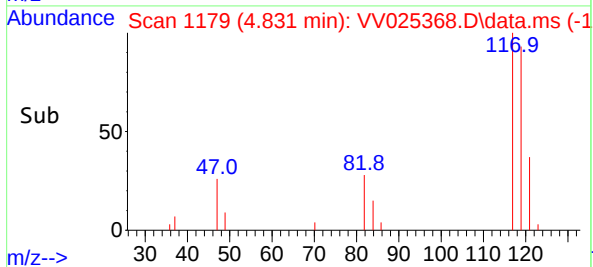
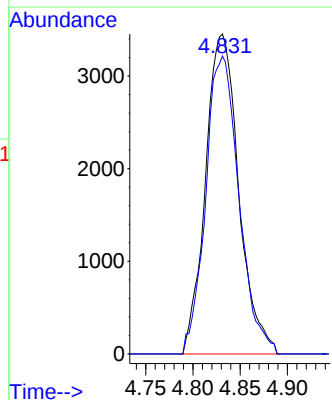
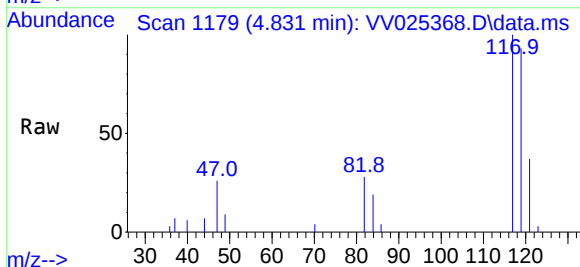
Acq: 06 Apr 2022 16:59

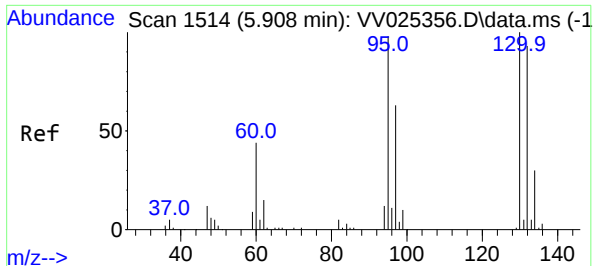
Tgt Ion: 117 Resp: 8437

Ion Ratio Lower Upper

117 100

119 93.2 77.8 116.6



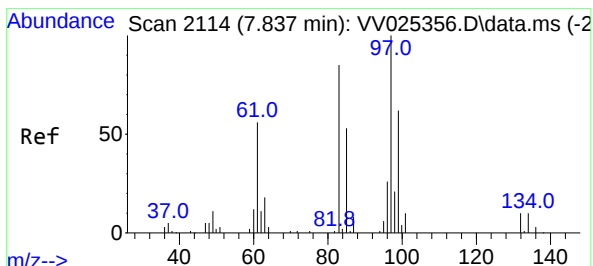
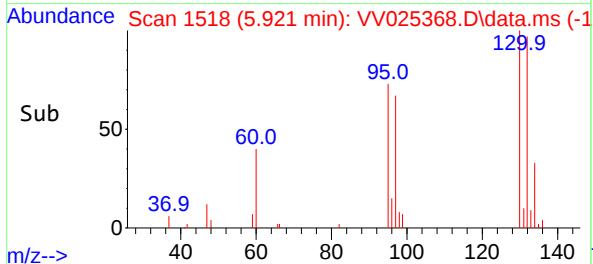
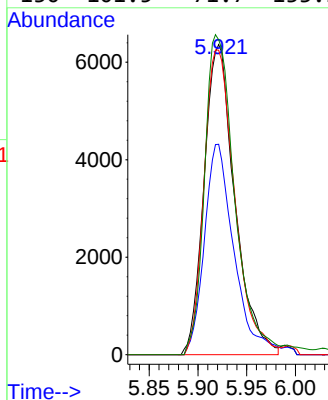
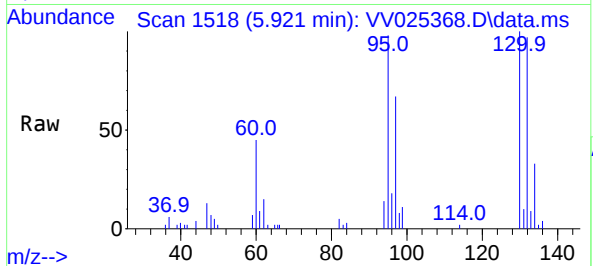


#34
Trichloroethene
Concen: 1.159 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :
C0B29

Tgt Ion: 95 Resp: 13936

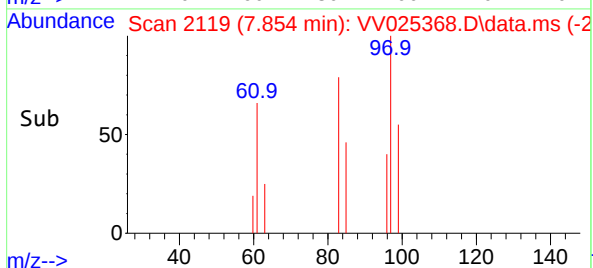
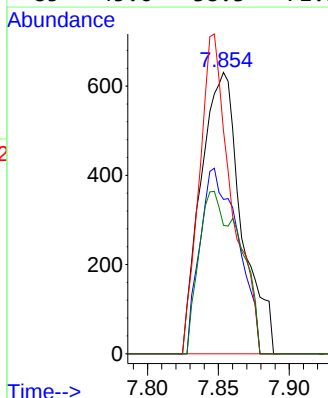
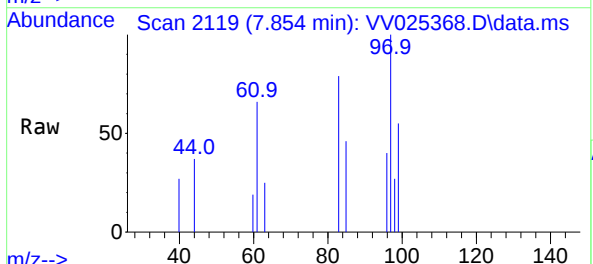
Ion	Ratio	Lower	Upper
95	100		
97	67.8	46.3	85.9
132	98.2	65.2	121.2
130	101.5	71.7	133.1

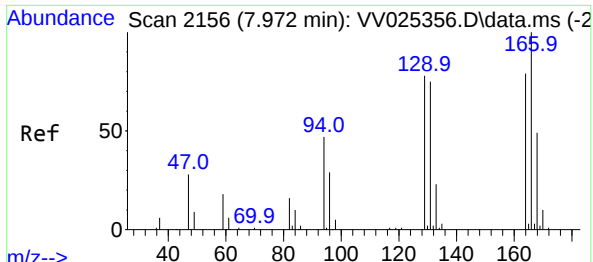


#45
1,1,2-Trichloroethane
Concen: 0.181 ug/L
RT: 7.854 min Scan# 2119
Delta R.T. 0.016 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Tgt Ion: 97 Resp: 1258

Ion	Ratio	Lower	Upper
97	100		
99	54.8	43.3	80.5
83	79.2	58.0	107.6
85	45.6	38.3	71.1



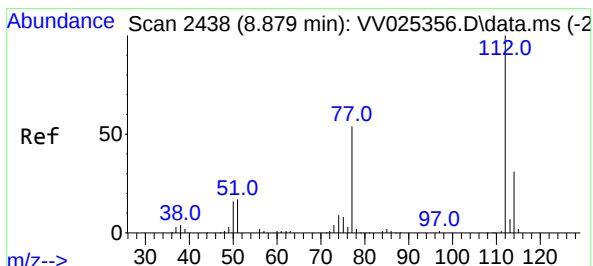
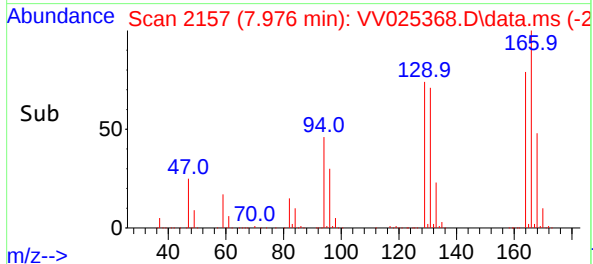
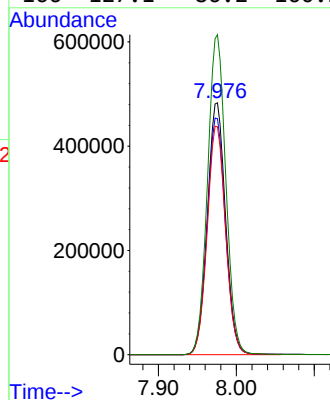
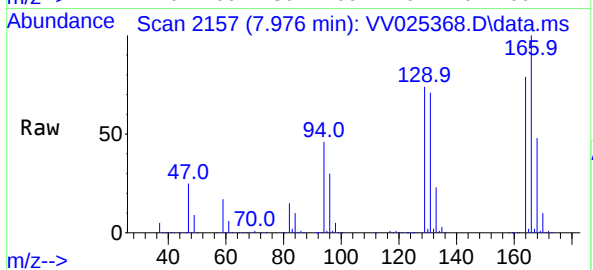


#47
Tetrachloroethene
Concen: 88.856 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Instrument :
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Tgt Ion:164 Resp: 788083

Ion	Ratio	Lower	Upper
164	100		
129	93.7	67.5	125.4
131	90.5	68.0	126.4
166	127.1	86.2	160.2



#51
Chlorobenzene
Concen: 0.072 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.007 min
Lab File: VV025368.D
Acq: 06 Apr 2022 16:59

Tgt Ion:112 Resp: 2162

Ion	Ratio	Lower	Upper
112	100		
114	23.9	21.9	40.7
77	61.1	44.2	66.4

