

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022678.D
 Acq On : 07 Oct 2021 21:29
 Operator : SY/MD
 Sample : M4052-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX9

Quant Time: Oct 08 04:04:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

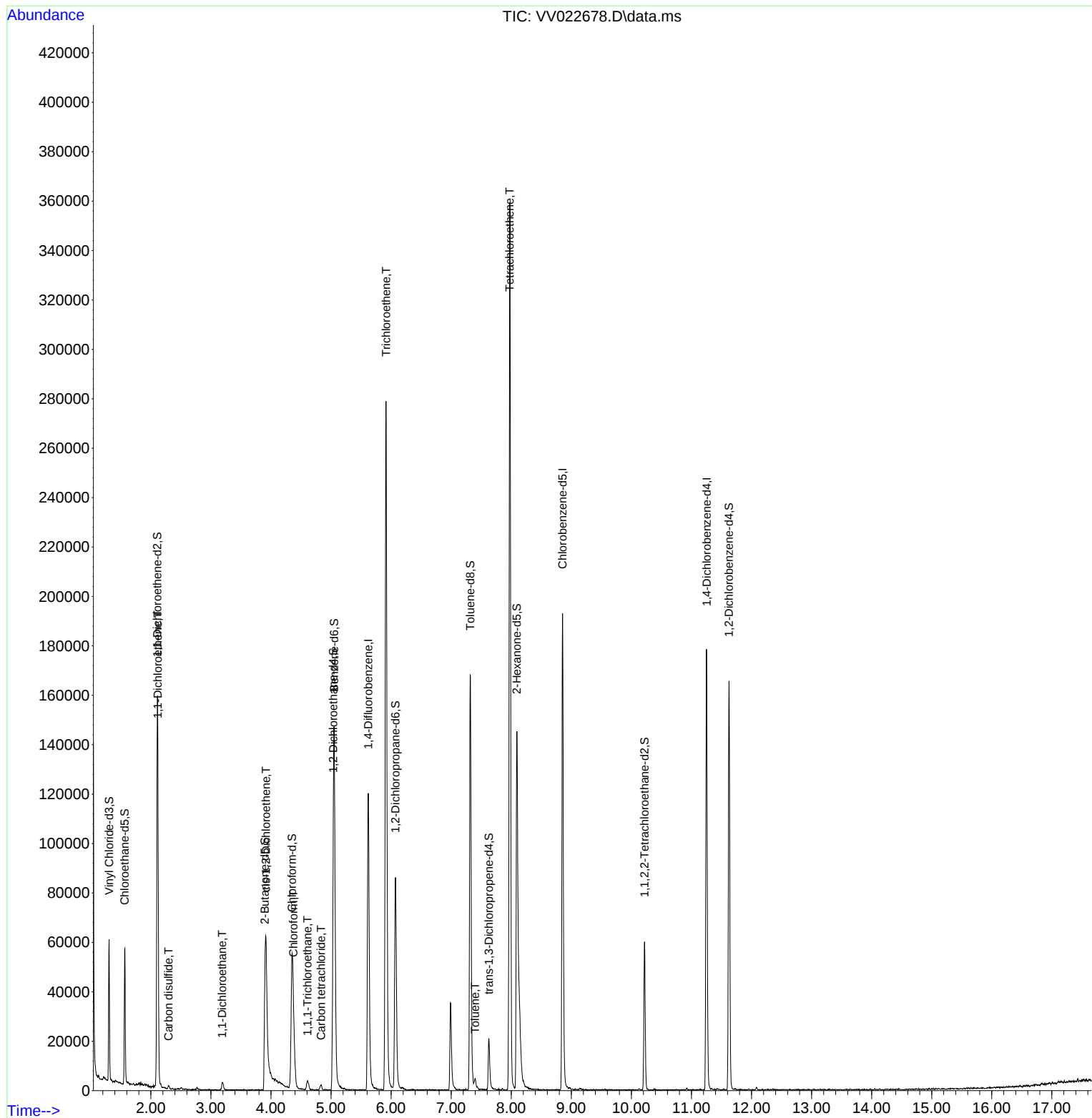
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35009	4.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.564	69	33697	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.108	63	65744	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.899	46	55878	27.688	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.380%
24) Chloroform-d	4.349	84	54616	3.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
26) 1,2-Dichloroethane-d4	5.037	65	32943	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.053	84	135723	4.067	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.072	67	42308	4.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.317	98	114600	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.628	79	12924	3.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.091	63	56353	42.648	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	28160	4.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46428	4.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	26685	3.949	ug/L	90
14) Carbon disulfide	2.294	76	1544	0.081	ug/L #	93
19) 1,1-Dichloroethane	3.188	63	3168	0.239	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	23588	3.057	ug/L	97
25) Chloroform	4.375	83	18647	1.215	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	3170	0.248	ug/L	96
31) Carbon tetrachloride	4.834	117	1398	0.126	ug/L	91
34) Trichloroethene	5.915	95	94542	11.514	ug/L	99
42) Toluene	7.400	91	3204	0.105	ug/L	94
47) Tetrachloroethene	7.976	164	81803	12.318	ug/L	99

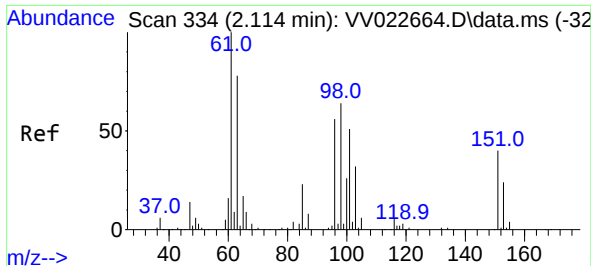
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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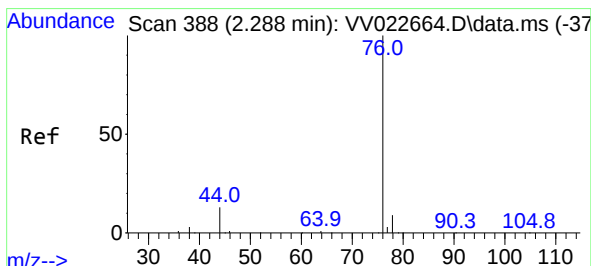
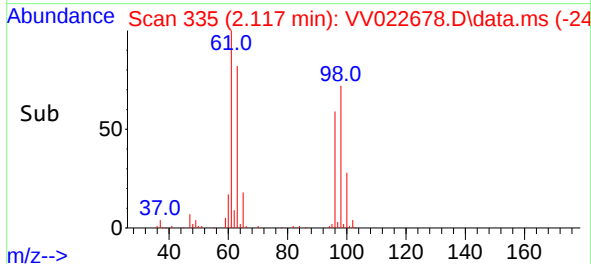
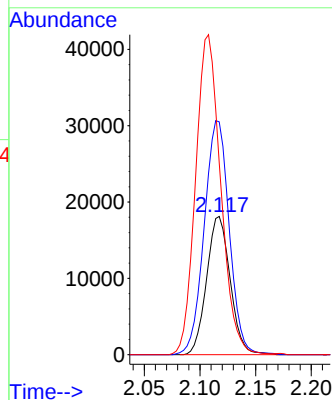
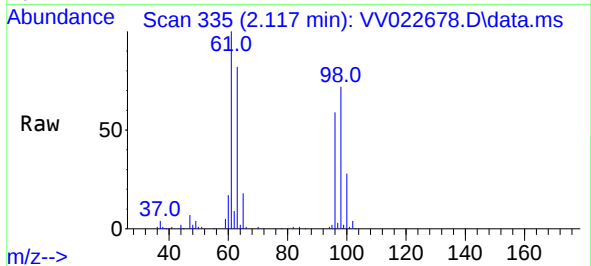




#12
1,1-Dichloroethene
Concen: 3.949 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

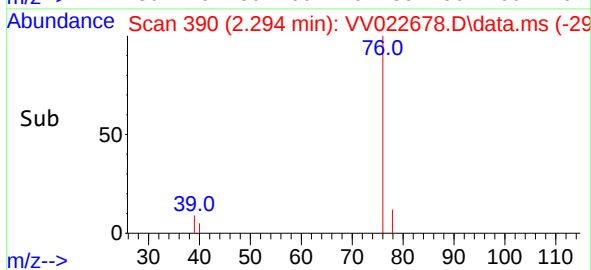
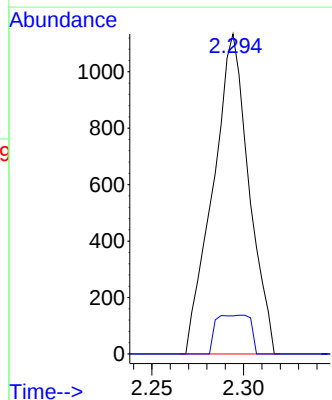
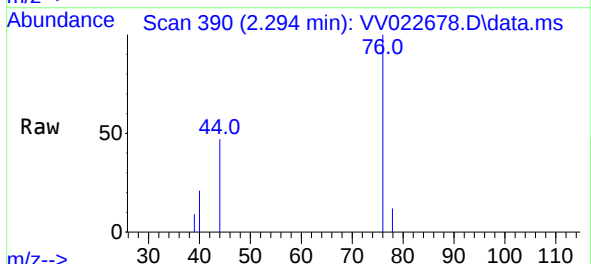
Instrument :
MSVOA_V
ClientSampleId :
C0AX9

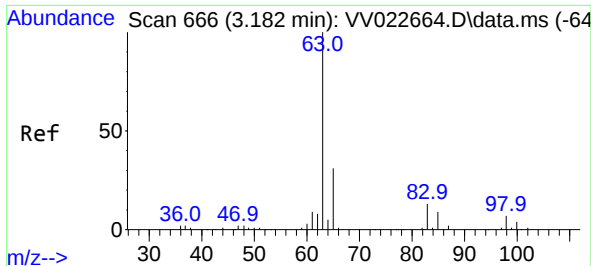
Tgt Ion: 96 Resp: 26685
Ion Ratio Lower Upper
96 100
61 168.4 127.3 236.5
63 138.7 106.2 197.2



#14
Carbon disulfide
Concen: 0.081 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

Tgt Ion: 76 Resp: 1544
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#





#19

1,1-Dichloroethane

Concen: 0.239 ug/L

RT: 3.188 min Scan# 668

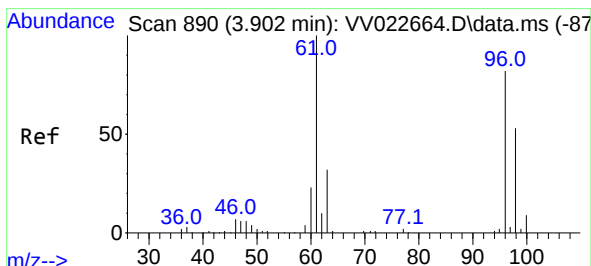
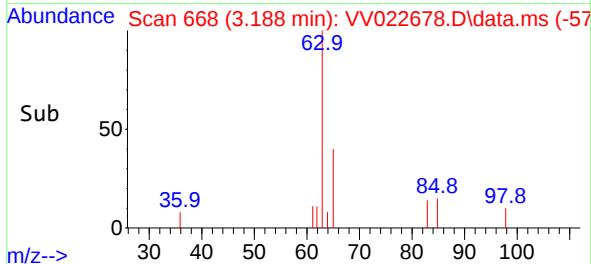
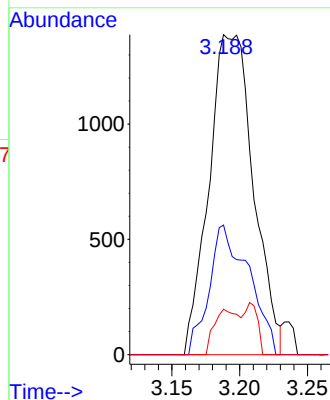
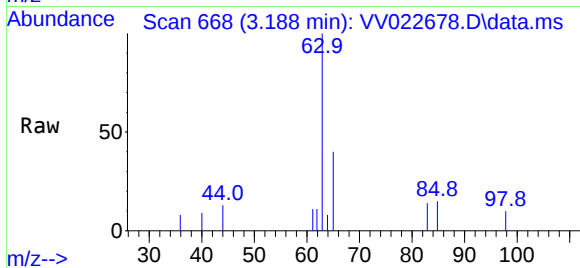
Delta R.T. 0.006 min

Lab File: VV022678.D

Acq: 07 Oct 2021 21:29

Tgt Ion: 63 Resp: 3168

Ion	Ratio	Lower	Upper
63	100		
65	40.5	23.5	43.7
83	14.2	10.1	18.7



#22

cis-1,2-Dichloroethene

Concen: 3.057 ug/L

RT: 3.915 min Scan# 894

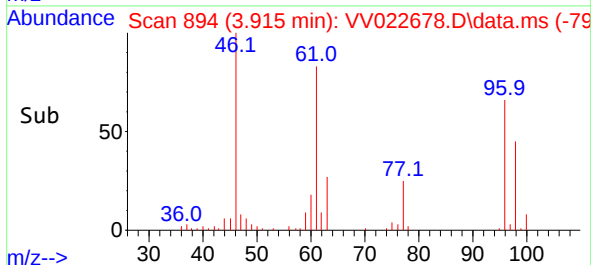
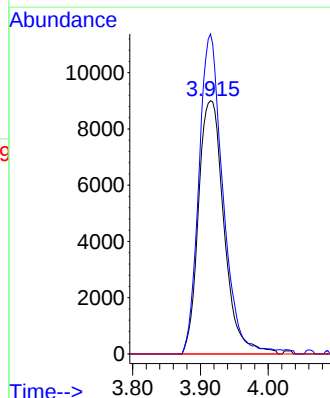
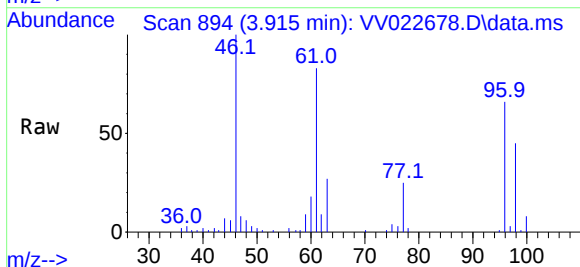
Delta R.T. 0.013 min

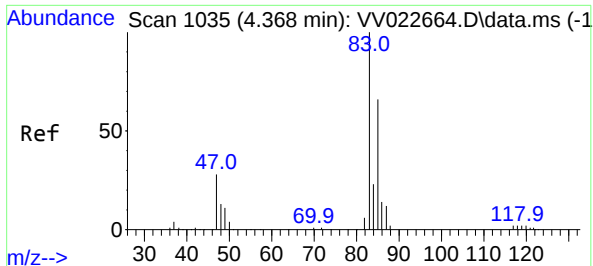
Lab File: VV022678.D

Acq: 07 Oct 2021 21:29

Tgt Ion: 96 Resp: 23588

Ion	Ratio	Lower	Upper
96	100		
61	126.4	86.0	159.6
68	0.0	0.0	0.0



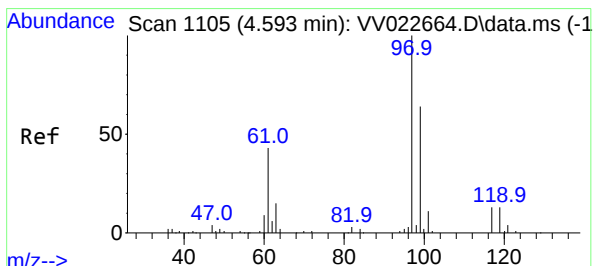
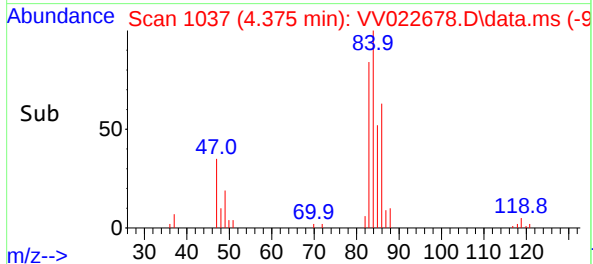
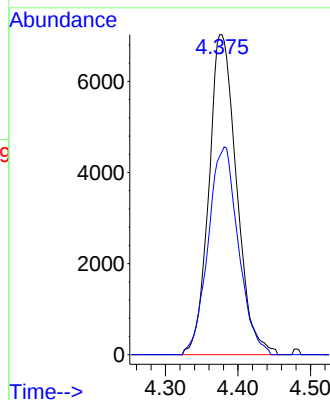
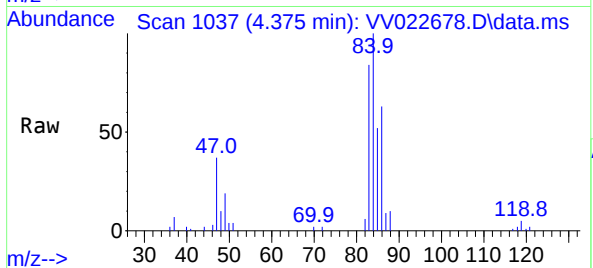


#25

Chloroform
Concen: 1.215 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

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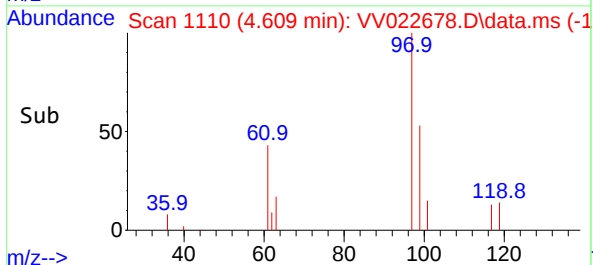
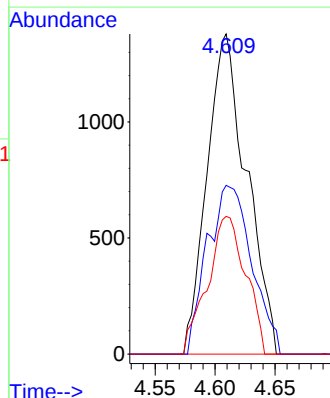
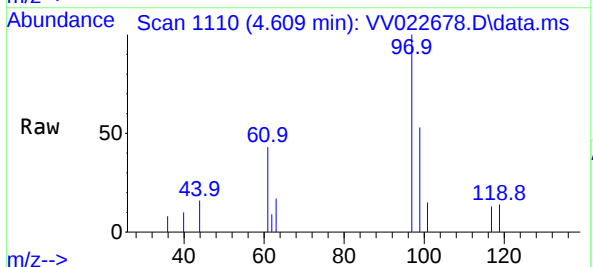
Tgt Ion: 83 Resp: 18647
Ion Ratio Lower Upper
83 100
85 61.9 45.7 84.9

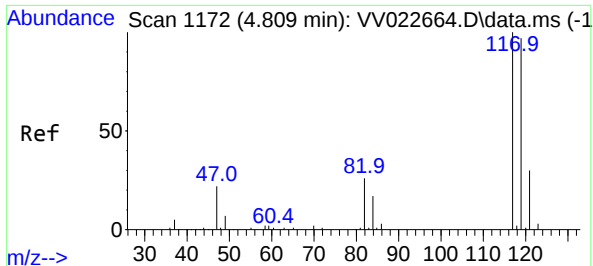


#29

1,1,1-Trichloroethane
Concen: 0.248 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.016 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

Tgt Ion: 97 Resp: 3170
Ion Ratio Lower Upper
97 100
99 59.2 51.2 76.8
61 41.4 33.2 49.8

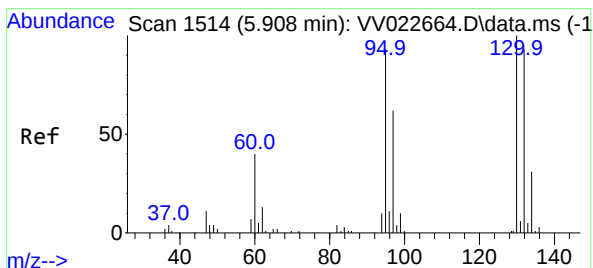
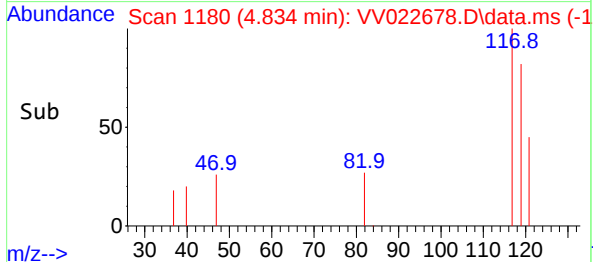
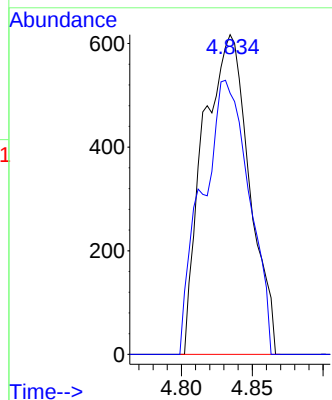
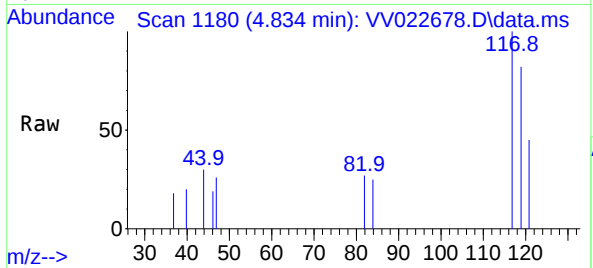




#31
Carbon tetrachloride
Concen: 0.126 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.026 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

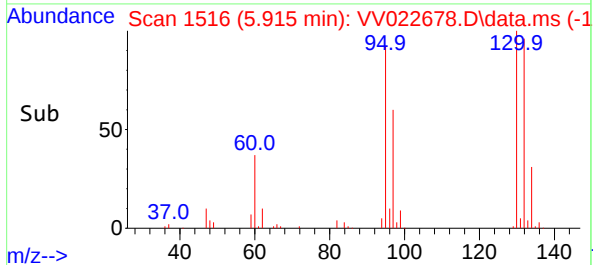
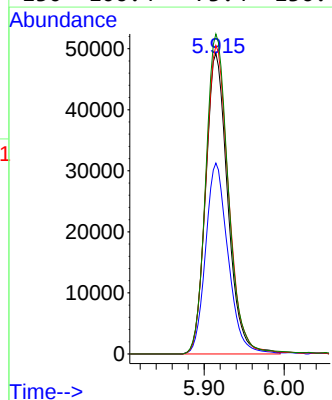
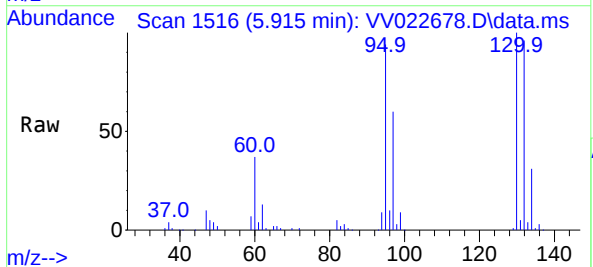
Instrument :
MSVOA_V
ClientSampled :
C0AX9

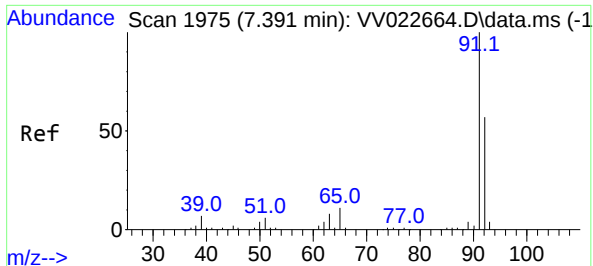
Tgt Ion: 117 Resp: 1398
Ion Ratio Lower Upper
117 100
119 87.4 77.4 116.0



#34
Trichloroethene
Concen: 11.514 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

Tgt Ion: 95 Resp: 94542
Ion Ratio Lower Upper
95 100
97 63.5 45.8 85.2
132 102.6 72.2 134.0
130 106.4 73.4 136.4

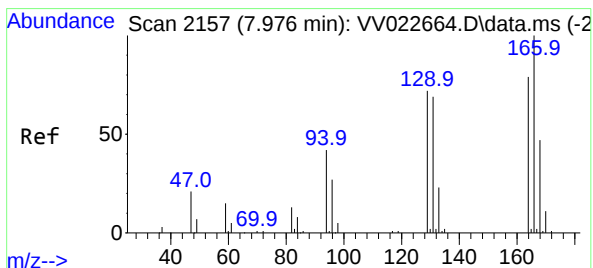
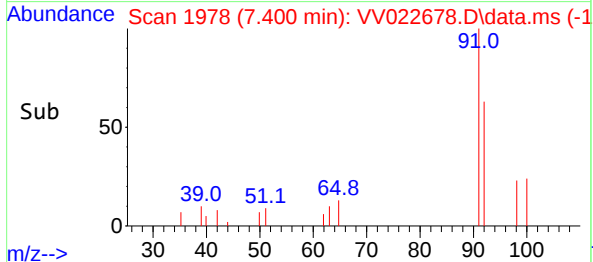
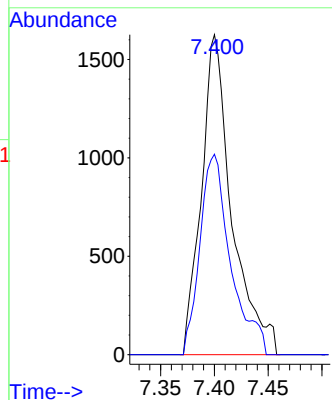
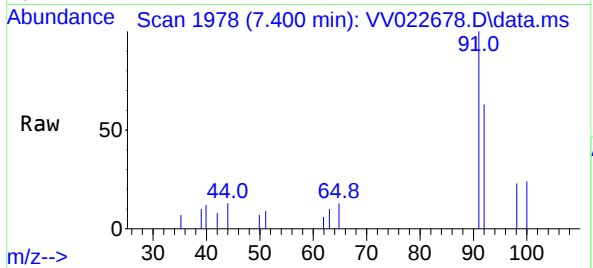




#42
Toluene
Concen: 0.105 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

Instrument :
MSVOA_V
ClientSampled :
C0AX9

Tgt Ion: 91 Resp: 3204
Ion Ratio Lower Upper
91 100
92 62.7 40.7 75.7



#47
Tetrachloroethene
Concen: 12.318 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022678.D
Acq: 07 Oct 2021 21:29

Tgt Ion: 164 Resp: 81803
Ion Ratio Lower Upper
164 100
129 91.9 65.0 120.6
131 87.9 62.2 115.4
166 129.9 89.2 165.8

