

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022607.D
 Acq On : 06 Oct 2021 07:03
 Operator : SY/MD
 Sample : M4052-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX9

Quant Time: Oct 06 08:10:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

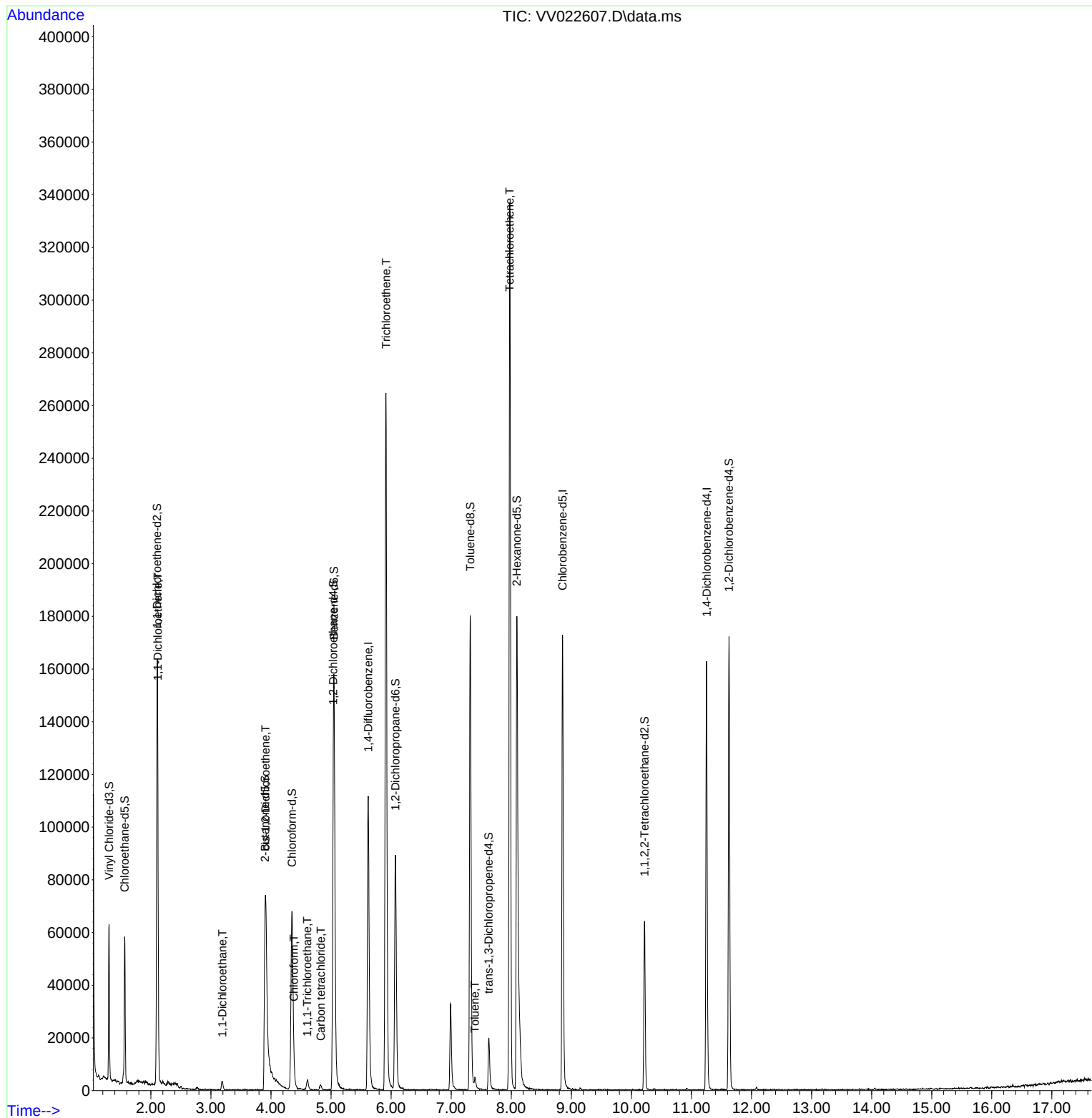
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45283	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36879	11.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	225.200%#
7) Chloroethane-d5	1.564	69	34067	7.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	154.400%#
11) 1,1-Dichloroethene-d2	2.105	63	68690	7.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	144.600%#
20) 2-Butanone-d5	3.902	46	80659	41.664	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.320%
24) Chloroform-d	4.349	84	69533	5.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.037	65	35220	5.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.600%
32) Benzene-d6	5.050	84	139664	6.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.200%#
36) 1,2-Dichloropropane-d6	6.072	67	43187	5.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.317	98	121082	6.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.400%
43) trans-1,3-Dichloroprop...	7.625	79	12716	6.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	122.000%
46) 2-Hexanone-d5	8.092	63	65413	50.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29778	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46880	6.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.800%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	24409	3.898	ug/L #	66
19) 1,1-Dichloroethane	3.191	63	3231	0.264	ug/L #	95
22) cis-1,2-Dichloroethene	3.908	96	23308	3.148	ug/L	97
25) Chloroform	4.381	83	5843	0.437	ug/L	94
29) 1,1,1-Trichloroethane	4.603	97	3145	0.278	ug/L	93
31) Carbon tetrachloride	4.831	117	1399	0.139	ug/L	95
34) Trichloroethene	5.915	95	90618	11.680	ug/L	99
42) Toluene	7.394	91	3136	0.112	ug/L	99
47) Tetrachloroethene	7.976	164	77897	12.912	ug/L	98

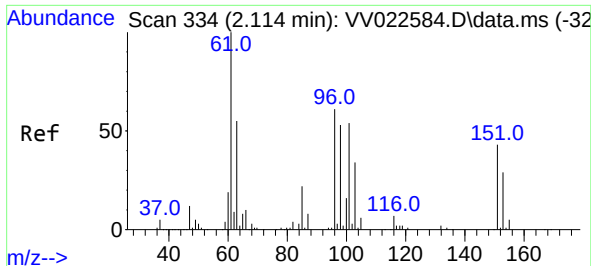
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022607.D
Acq On : 06 Oct 2021 07:03
Operator : SY/MD
Sample : M4052-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Quant Time: Oct 06 08:10:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

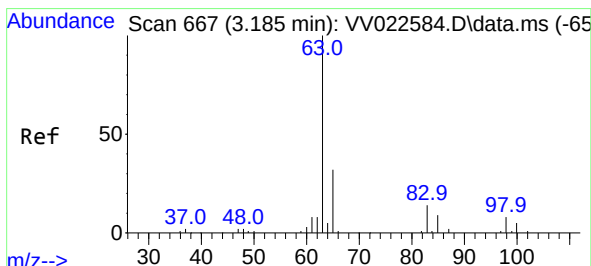
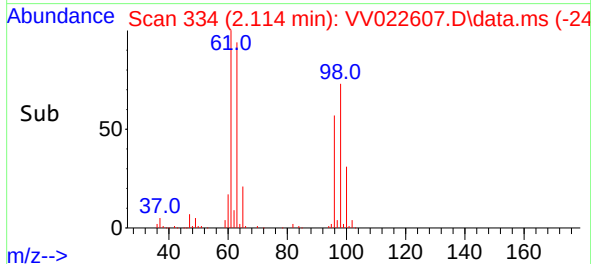
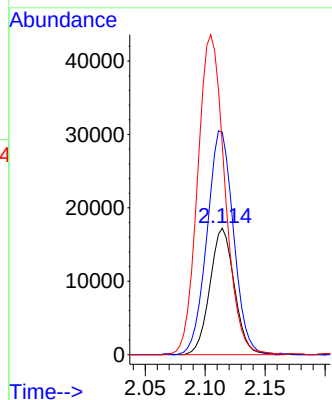
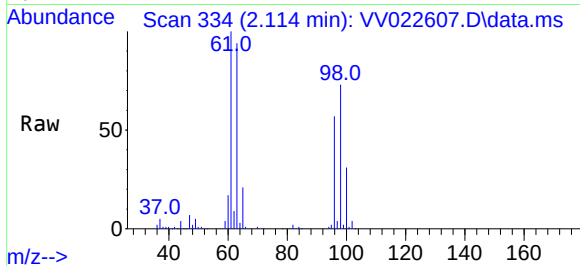




#12
1,1-Dichloroethene
Concen: 3.898 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

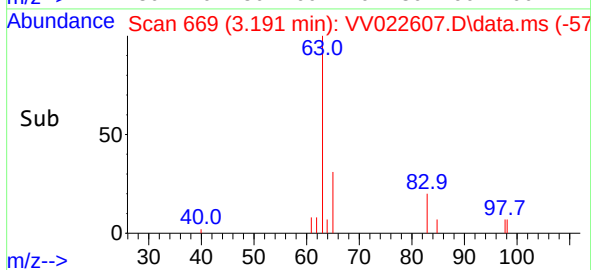
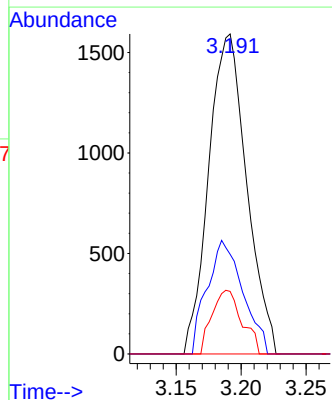
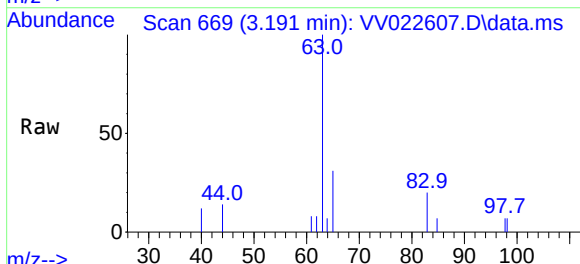
Instrument :
MSVOA_V
ClientSampled :
C0AX9

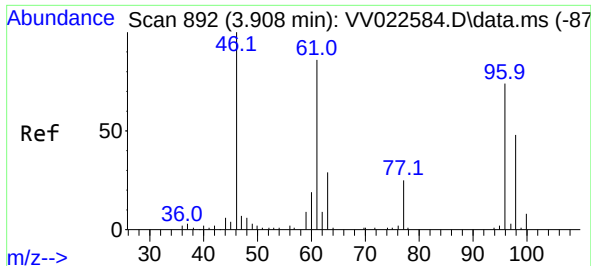
Tgt Ion: 96 Resp: 24409
Ion Ratio Lower Upper
96 100
61 175.8 113.2 210.2
63 165.8 66.6 123.8#



#19
1,1-Dichloroethane
Concen: 0.264 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 63 Resp: 3231
Ion Ratio Lower Upper
63 100
65 31.2 22.8 42.4
83 19.5 10.2 19.0#

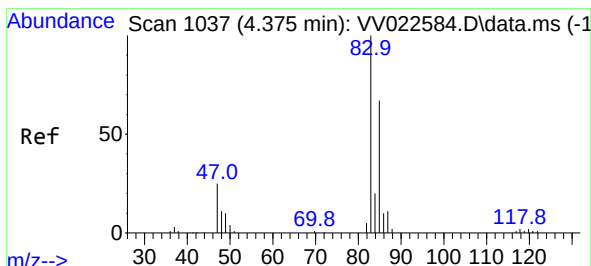
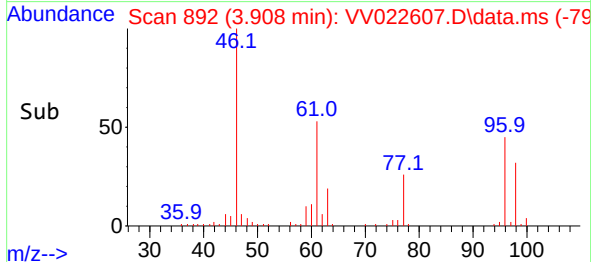
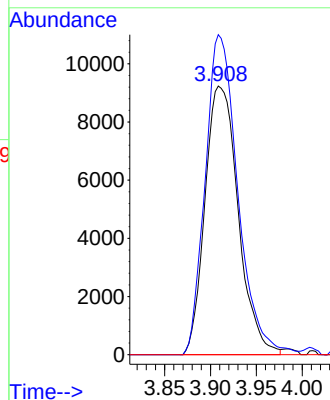
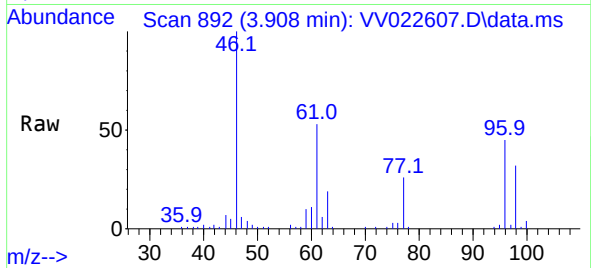




#22
cis-1,2-Dichloroethene
Concen: 3.148 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

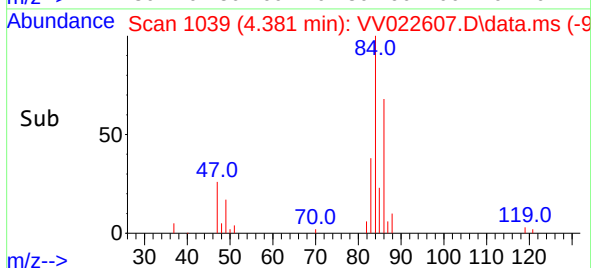
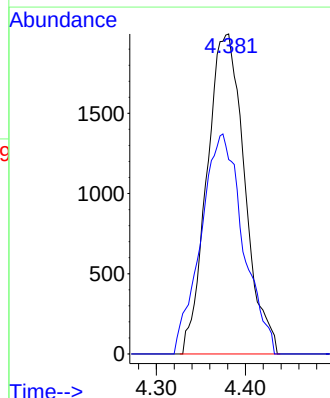
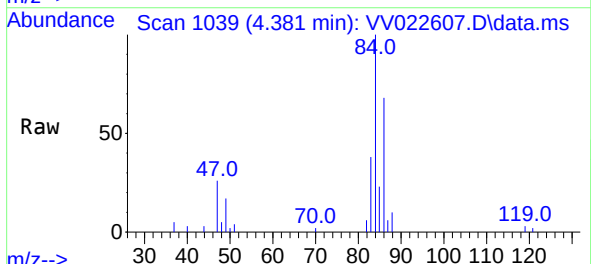
Instrument :
MSVOA_V
ClientSampleId :
C0AX9

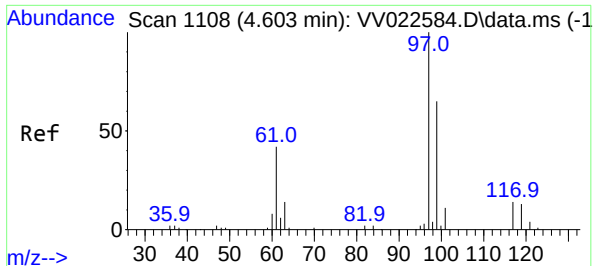
Tgt Ion: 96 Resp: 23308
Ion Ratio Lower Upper
96 100
61 119.1 85.6 159.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.437 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 83 Resp: 5843
Ion Ratio Lower Upper
83 100
85 60.8 45.6 84.8



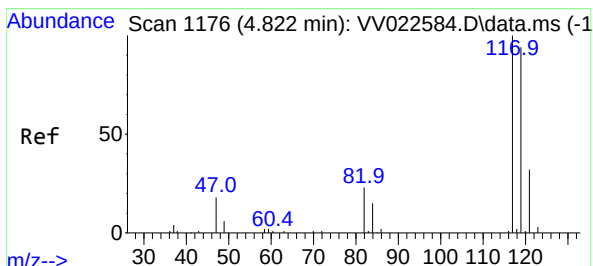
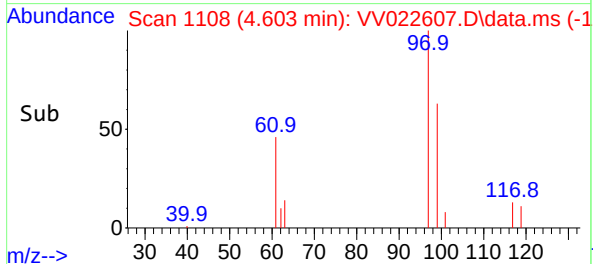
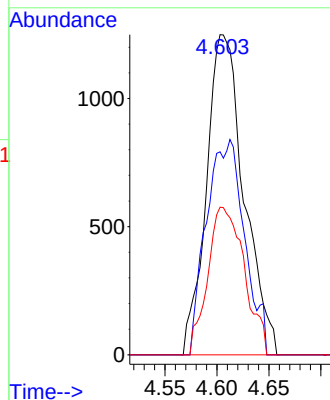
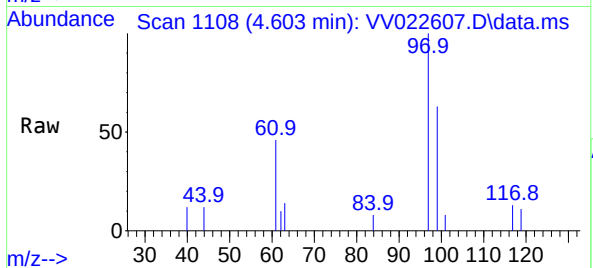


#29

1,1,1-Trichloroethane
Concen: 0.278 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

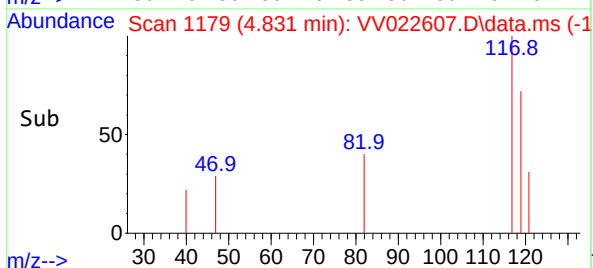
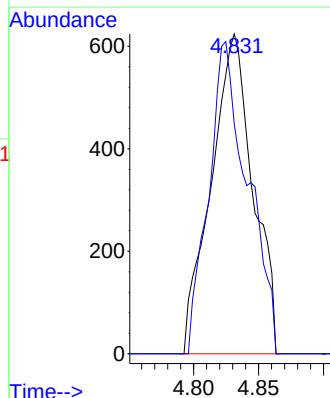
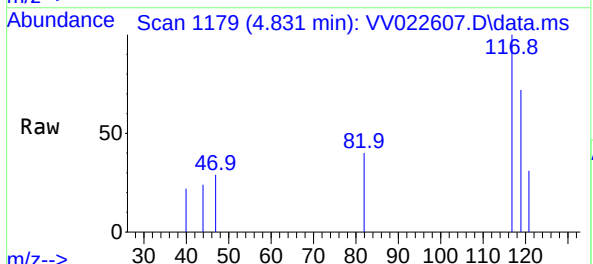
Tgt Ion: 97	Resp:	3145
Ion	Ratio	Lower Upper
97	100	
99	68.2	49.8 74.6
61	44.8	32.5 48.7

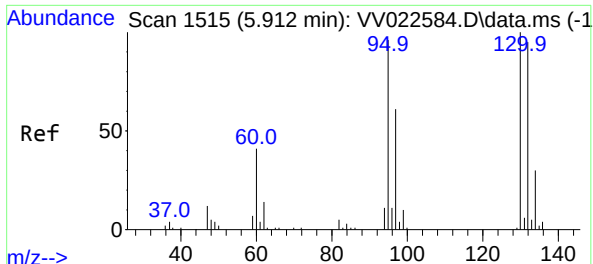


#31

Carbon tetrachloride
Concen: 0.139 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Tgt Ion: 117	Resp:	1399
Ion	Ratio	Lower Upper
117	100	
119	90.9	76.9 115.3





#34

Trichloroethene

Concen: 11.680 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022607.D

Acq: 06 Oct 2021 07:03

Tgt Ion: 95 Resp: 90618

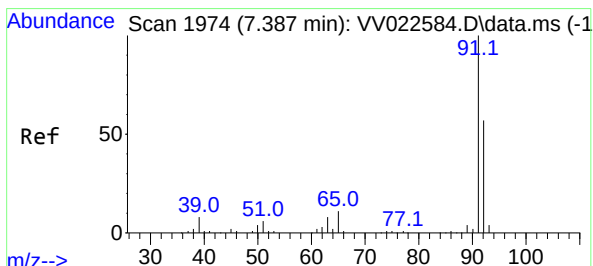
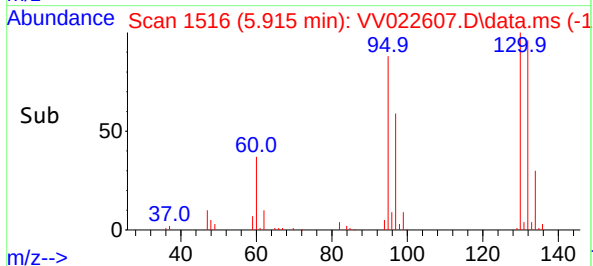
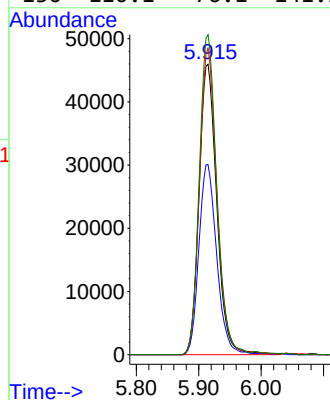
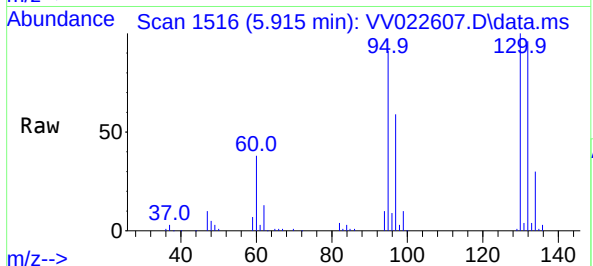
Ion Ratio Lower Upper

95 100

97 65.4 46.5 86.5

132 105.4 73.0 135.6

130 110.1 76.1 141.3



#42

Toluene

Concen: 0.112 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV022607.D

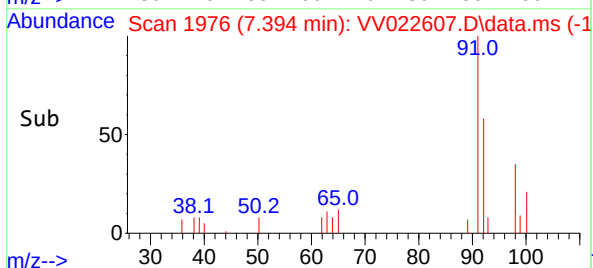
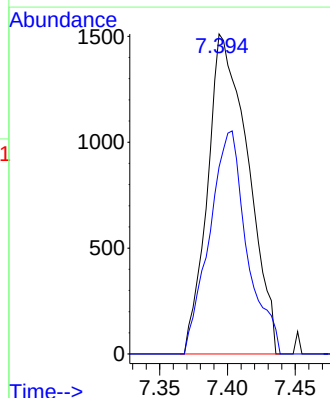
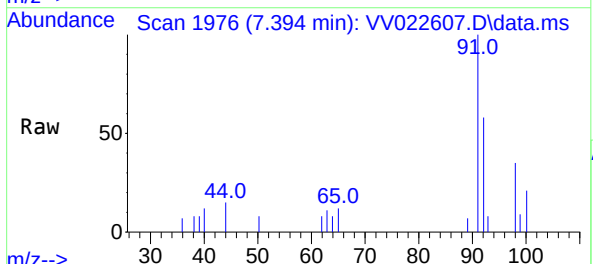
Acq: 06 Oct 2021 07:03

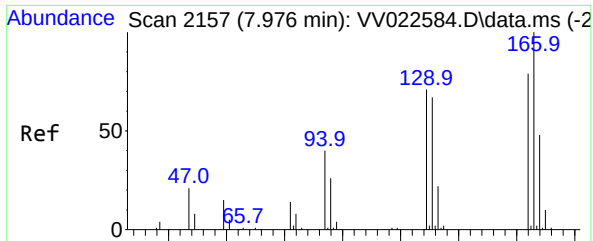
Tgt Ion: 91 Resp: 3136

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.3





#47
Tetrachloroethene
Concen: 12.912 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022607.D
Acq: 06 Oct 2021 07:03

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tgt Ion:164 Resp: 77897

Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.5	121.6
131	88.3	62.4	116.0
166	126.8	91.1	169.3

