

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022618.D
 Acq On : 06 Oct 2021 12:36
 Operator : SY/MD
 Sample : M4051-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

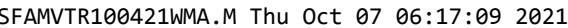
Quant Time: Oct 07 06:17:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

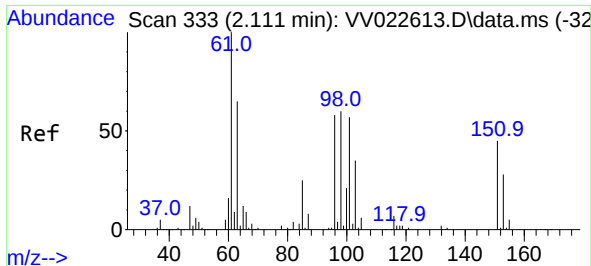
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36948	10.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	202.200%#
7) Chloroethane-d5	1.564	69	33945	6.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	137.800%#
11) 1,1-Dichloroethene-d2	2.108	63	70175	6.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	132.400%#
20) 2-Butanone-d5	3.902	46	74257	34.386	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.780%
24) Chloroform-d	4.352	84	72128	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.034	65	33061	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	139253	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
36) 1,2-Dichloropropane-d6	6.072	67	43542	4.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.320	98	119963	5.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
43) trans-1,3-Dichloroprop...	7.628	79	11591	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.091	63	58779	40.048	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28878	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46693	5.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	761	0.101	ug/L #	18
12) 1,1-Dichloroethene	2.114	96	25601	3.665	ug/L #	57
14) Carbon disulfide	2.294	76	2271	0.111	ug/L #	94
19) 1,1-Dichloroethane	3.191	63	3283	0.240	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	23746	2.875	ug/L	92
29) 1,1,1-Trichloroethane	4.613	97	3167	0.246	ug/L	98
31) Carbon tetrachloride	4.831	117	1450	0.127	ug/L	93
34) Trichloroethene	5.915	95	90942	10.307	ug/L	99
35) Methylcyclohexane	6.072	83	10386	0.840	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4738	0.639	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	866	0.087	ug/L #	48
42) Toluene	7.400	91	3843	0.120	ug/L	87
47) Tetrachloroethene	7.976	164	77264	11.261	ug/L	99
48) 2-Hexanone	8.146	43	5614	1.913	ug/L #	70
49) Dibromochloromethane	7.976	129	69527	10.660	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5299	1.415	ug/L #	61

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

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 07 06:17:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 06:15:29 2021
Response via : Initial Calibration

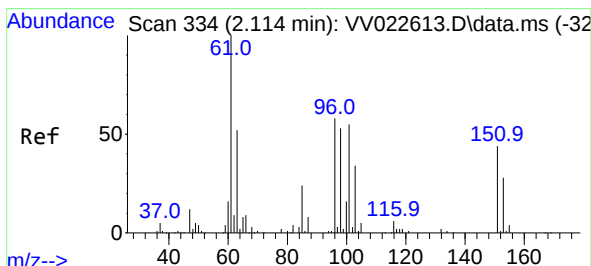
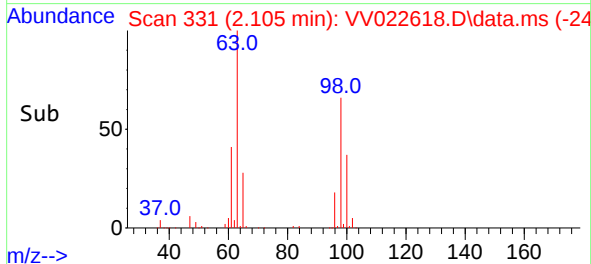
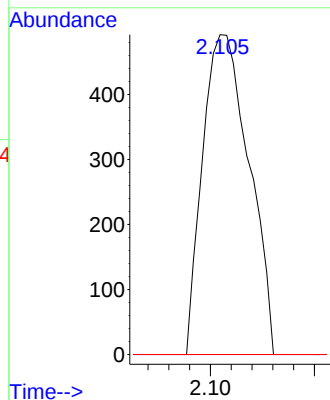
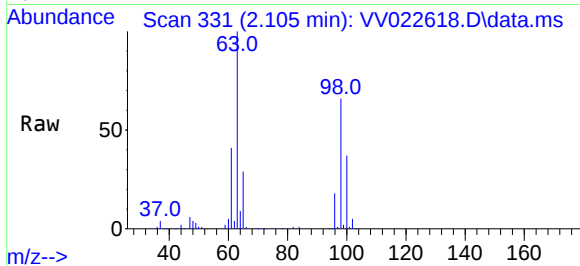




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

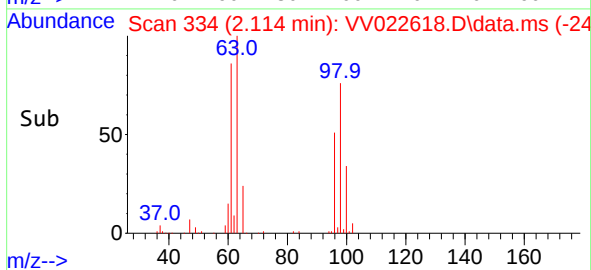
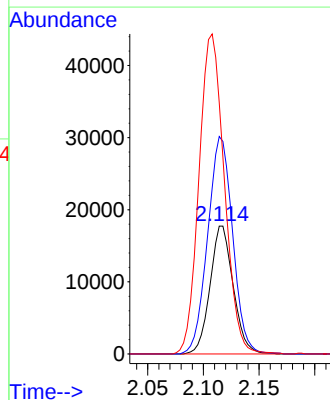
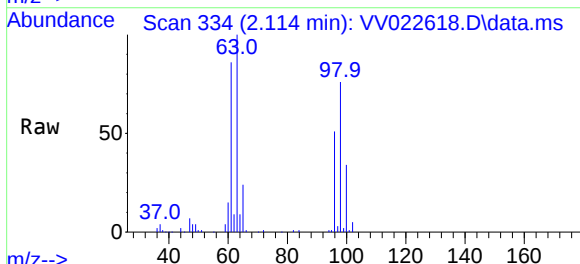
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ClientSampled :

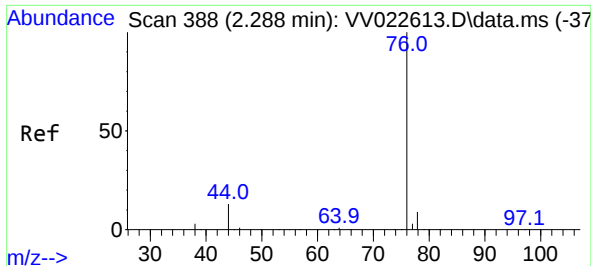
Tgt Ion:101 Resp: 761
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 61.9 92.9#



#12
1,1-Dichloroethene
Concen: 3.665 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Tgt Ion: 96 Resp: 25601
Ion Ratio Lower Upper
96 100
61 170.2 113.2 210.2
63 196.7 66.6 123.8#

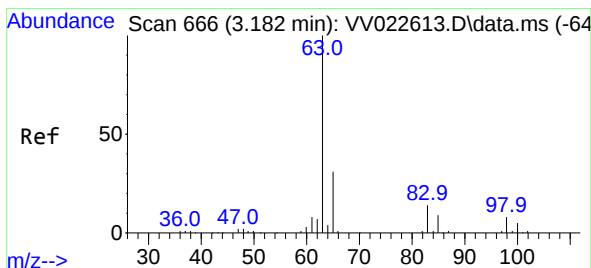
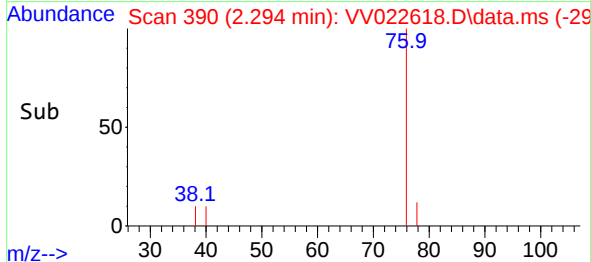
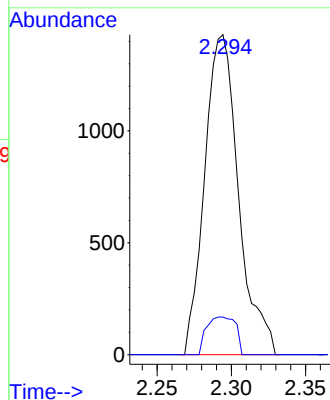
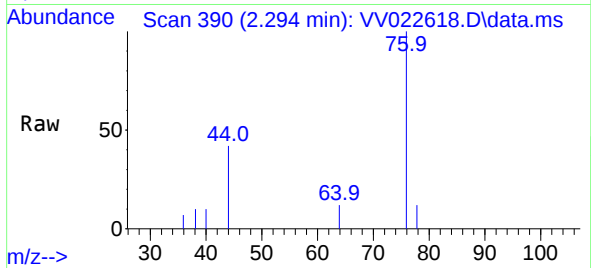




#14
Carbon disulfide
Concen: 0.111 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

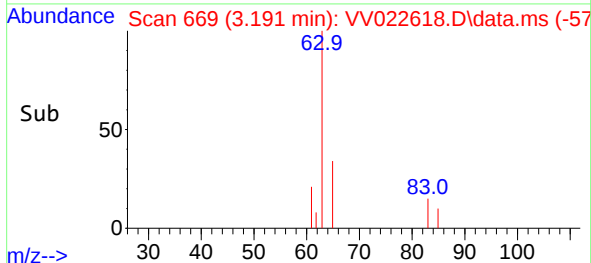
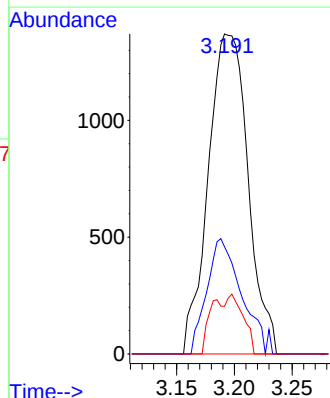
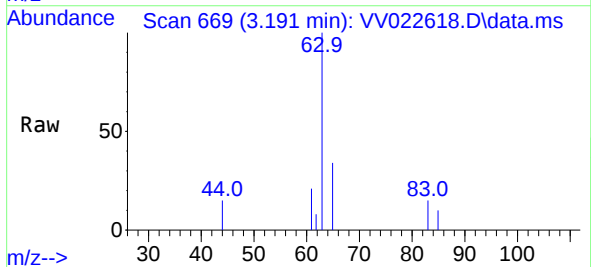
Instrument :
MSVOA_V
ClientSampled :

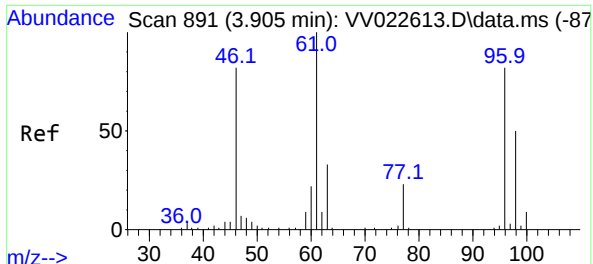
Tgt Ion: 76 Resp: 2271
Ion Ratio Lower Upper
76 100
78 11.7 7.8 11.6#



#19
1,1-Dichloroethane
Concen: 0.240 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Tgt Ion: 63 Resp: 3283
Ion Ratio Lower Upper
63 100
65 33.5 22.8 42.4
83 14.9 10.2 19.0

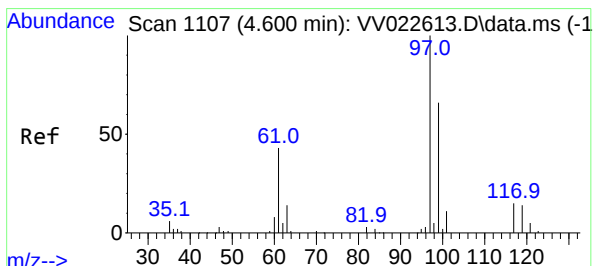
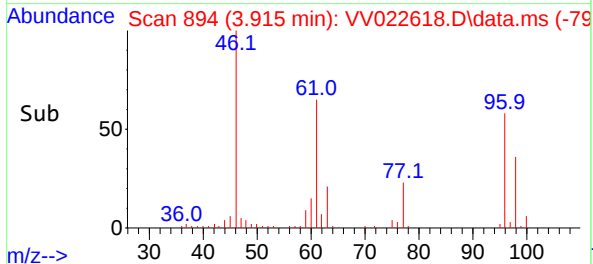
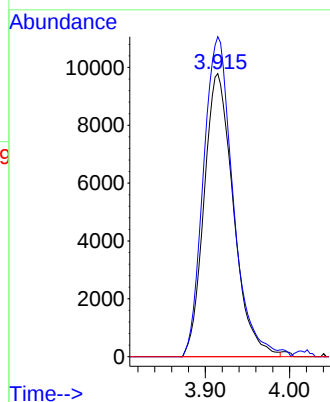
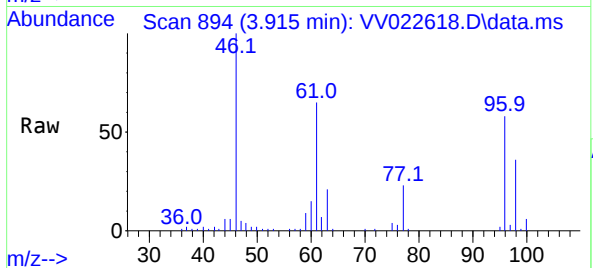




#22
cis-1,2-Dichloroethene
Concen: 2.875 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

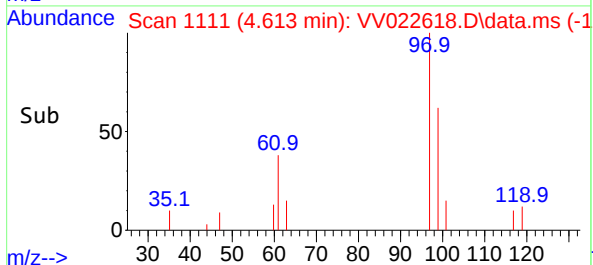
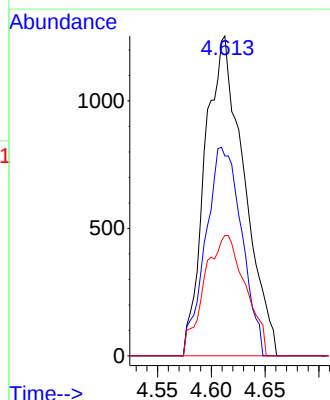
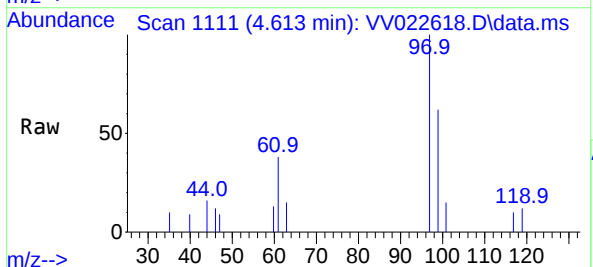
Instrument :
MSVOA_V
ClientSampleId :

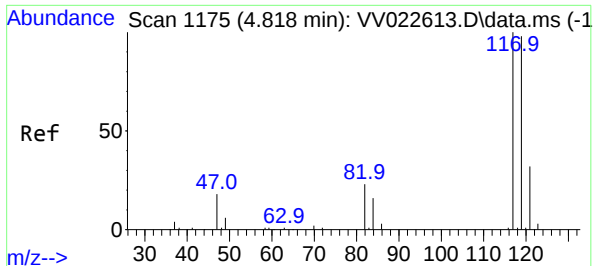
Tgt Ion: 96 Resp: 23746
Ion Ratio Lower Upper
96 100
61 113.1 85.6 159.0
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 0.246 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.013 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Tgt Ion: 97 Resp: 3167
Ion Ratio Lower Upper
97 100
99 60.5 49.8 74.6
61 39.8 32.5 48.7

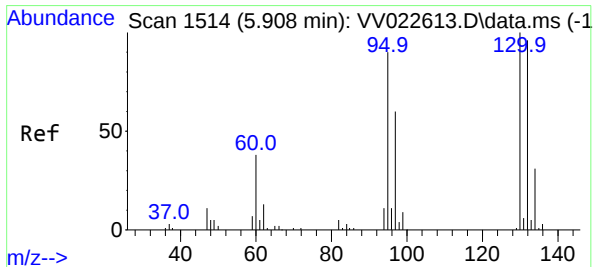
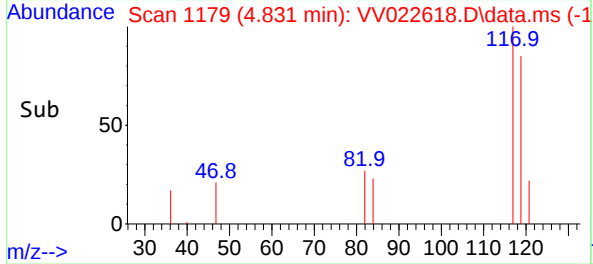
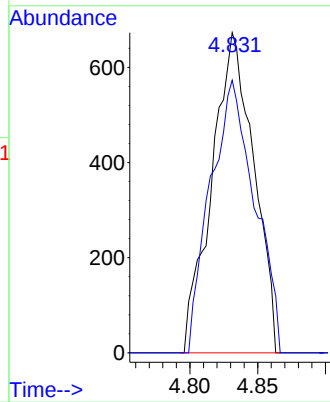
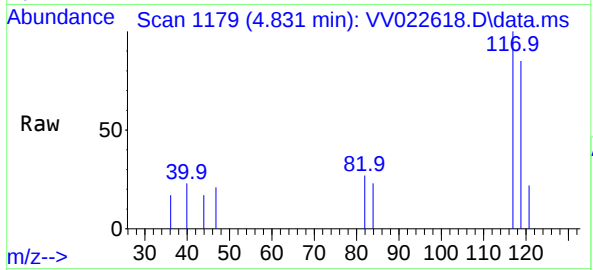




#31
Carbon tetrachloride
Concen: 0.127 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

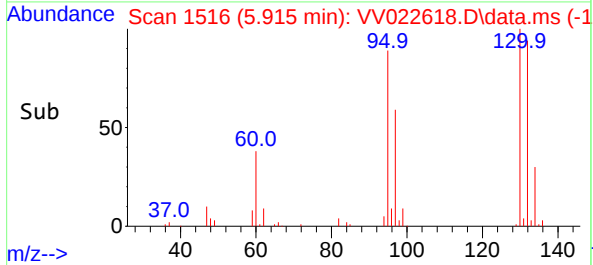
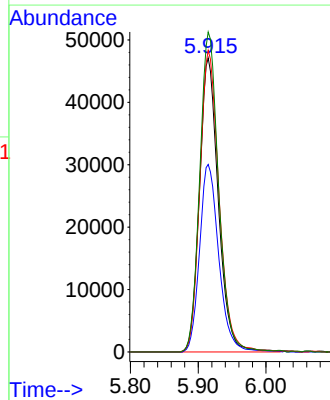
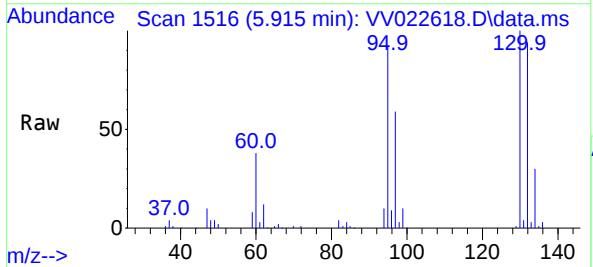
Instrument :
MSVOA_V
ClientSampled :

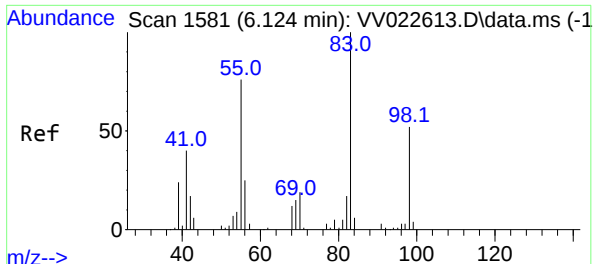
Tgt Ion:117 Resp: 1450
Ion Ratio Lower Upper
117 100
119 89.7 76.9 115.3



#34
Trichloroethene
Concen: 10.307 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Tgt Ion: 95 Resp: 90942
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.5
132 102.6 73.0 135.6
130 108.8 76.1 141.3

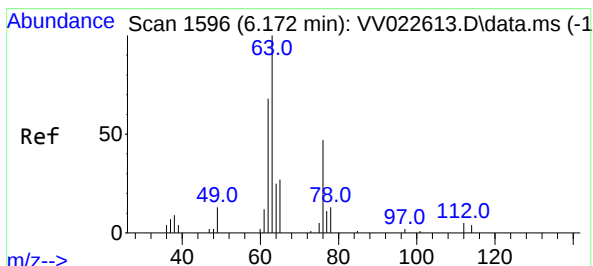
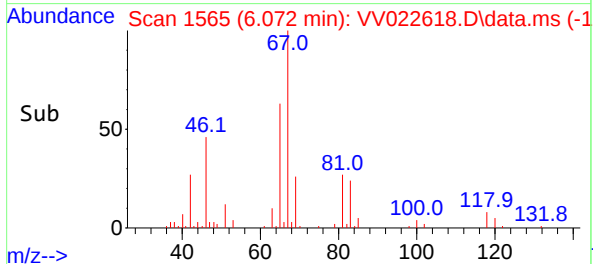
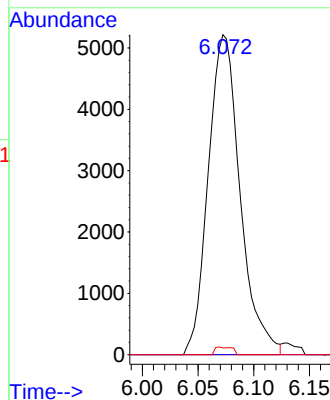
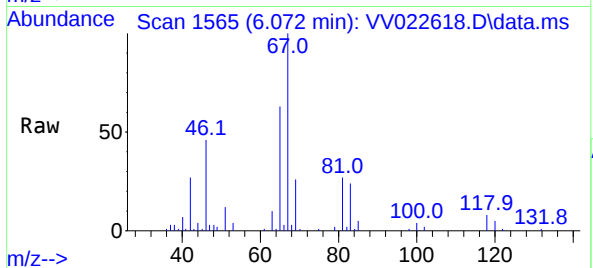




#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.052 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

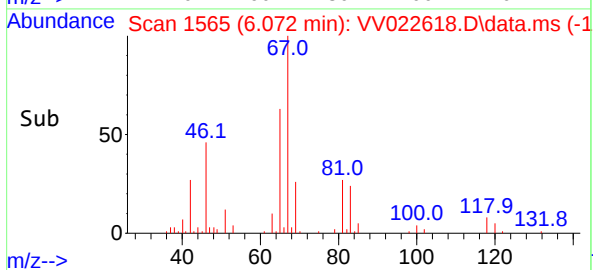
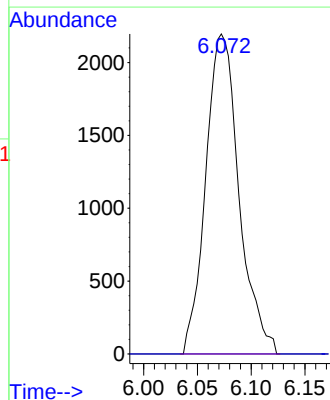
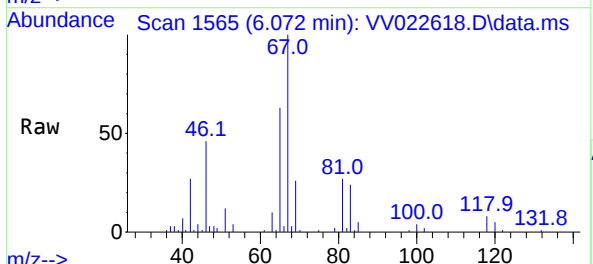
Instrument :
MSVOA_V
ClientSampleId :

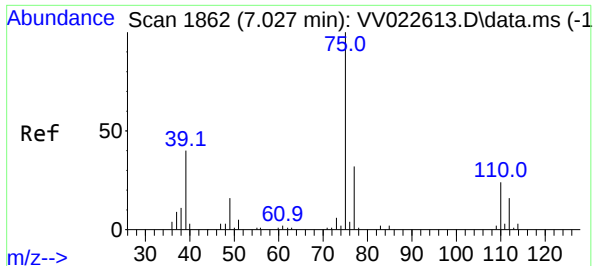
Tgt Ion:	83	Resp:	10386
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.3	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Tgt Ion:	63	Resp:	4738
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



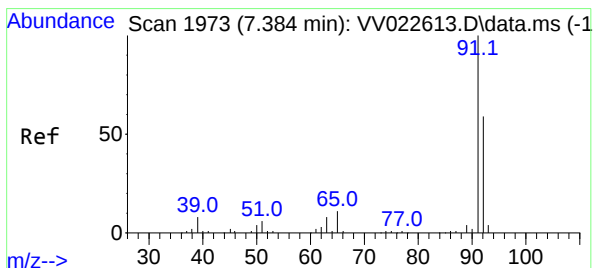
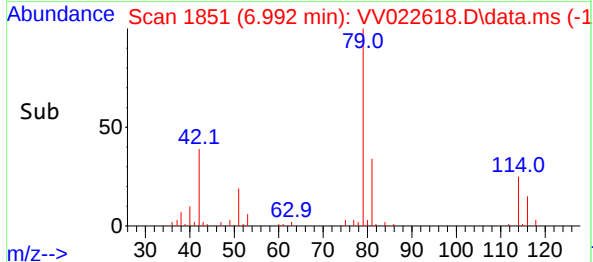
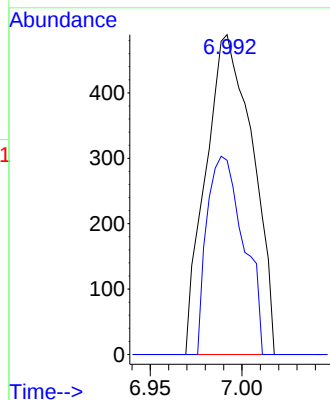
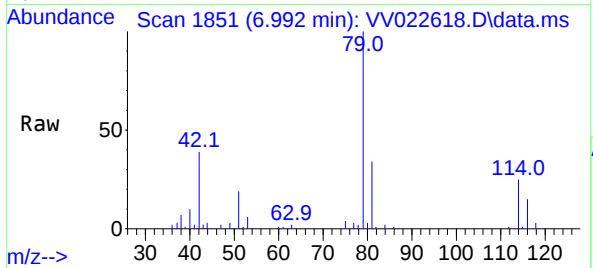


#39

cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022618.D
 Acq: 06 Oct 2021 12:36

Instrument :
 MSVOA_V
 ClientSampled :

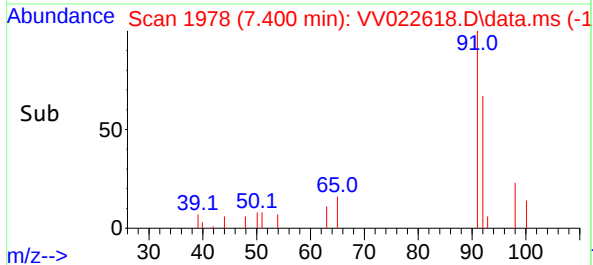
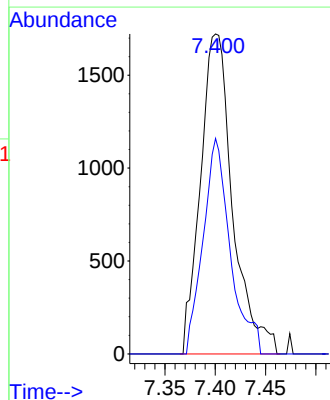
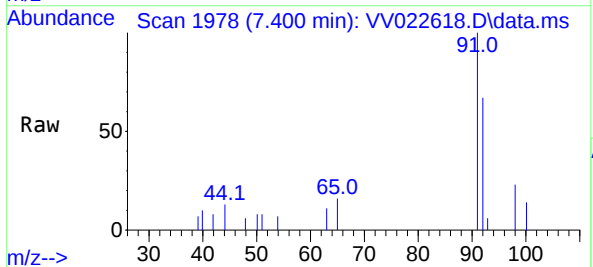
Tgt Ion: 75 Resp: 866
 Ion Ratio Lower Upper
 75 100
 77 60.7 22.4 41.6#

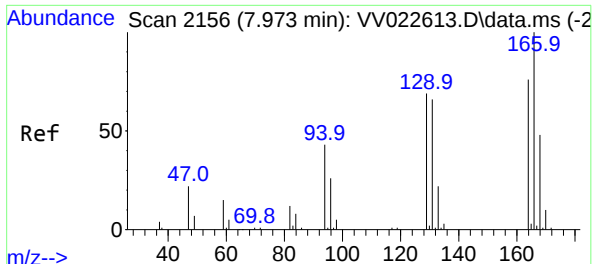


#42

Toluene
 Concen: 0.120 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.016 min
 Lab File: VV022618.D
 Acq: 06 Oct 2021 12:36

Tgt Ion: 91 Resp: 3843
 Ion Ratio Lower Upper
 91 100
 92 67.4 40.5 75.3



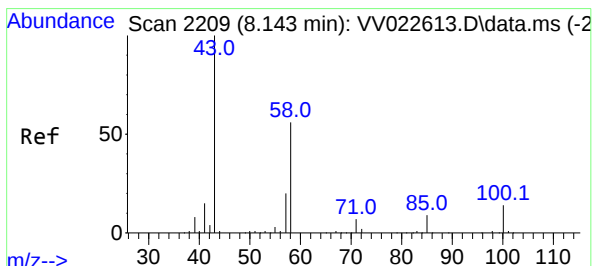
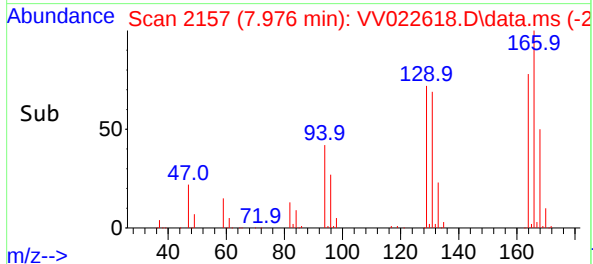
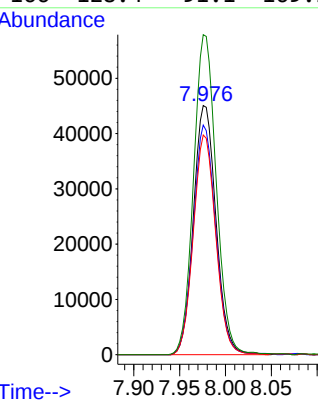
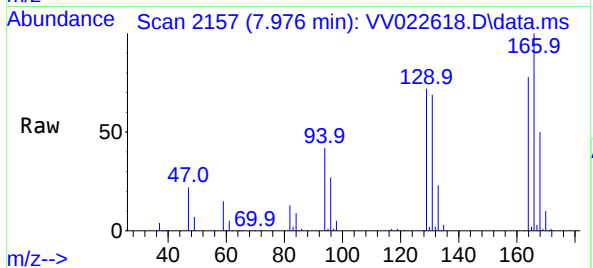


#47
Tetrachloroethene
Concen: 11.261 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 77264

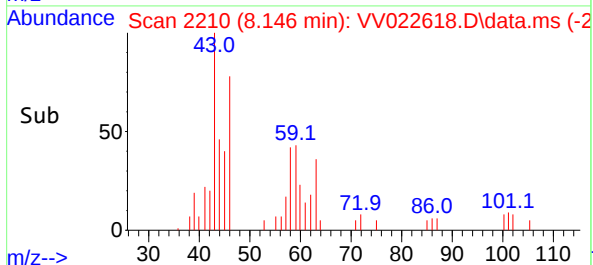
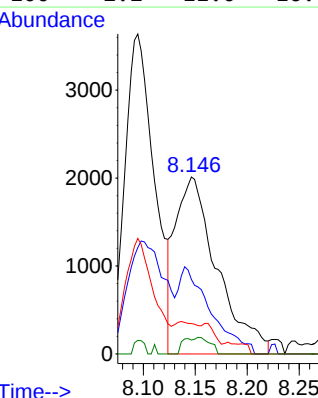
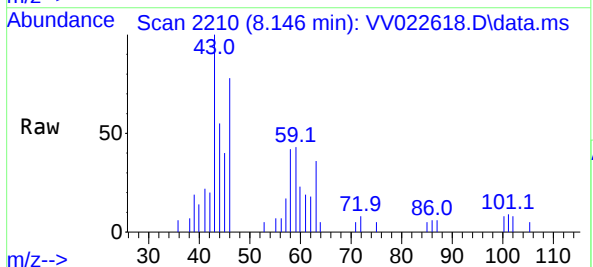
Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.5	121.6
131	88.1	62.4	116.0
166	128.4	91.1	169.3

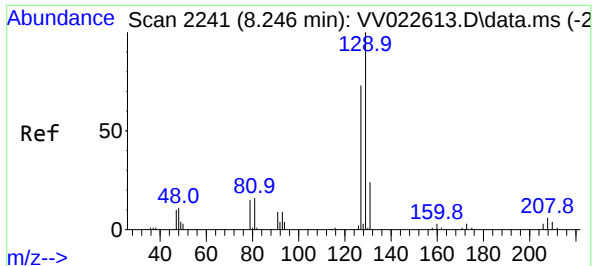


#48
2-Hexanone
Concen: 1.913 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV022618.D
Acq: 06 Oct 2021 12:36

Tgt Ion: 43 Resp: 5614

Ion	Ratio	Lower	Upper
43	100		
58	37.8	46.4	69.6#
57	1.9	16.3	24.5#
100	2.2	11.0	16.6#





#49

Dibromochloromethane

Concen: 10.660 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022618.D

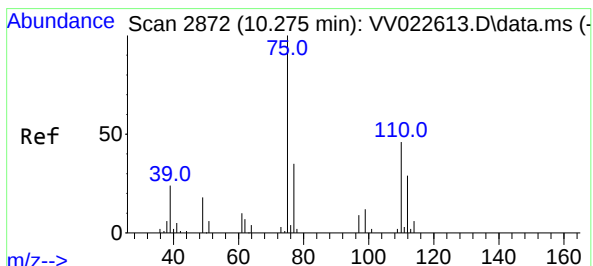
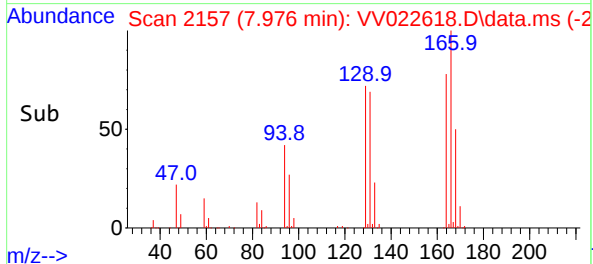
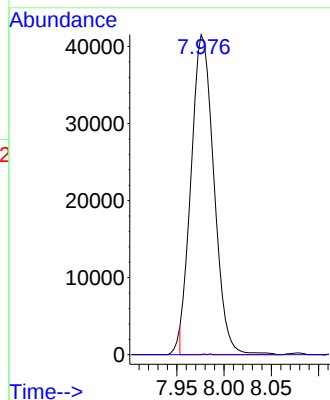
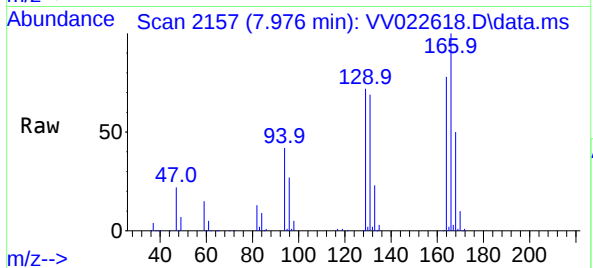
Acq: 06 Oct 2021 12:36

Tgt Ion:129 Resp: 69527

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.415 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022618.D

Acq: 06 Oct 2021 12:36

Tgt Ion: 75 Resp: 5299

Ion Ratio Lower Upper

75 100

77 37.5 26.1 39.1

110 2.0 33.0 49.6#

