

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022626.D
 Acq On : 06 Oct 2021 15:49
 Operator : SY/MD
 Sample : M4051-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

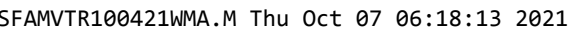
Quant Time: Oct 07 06:18:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

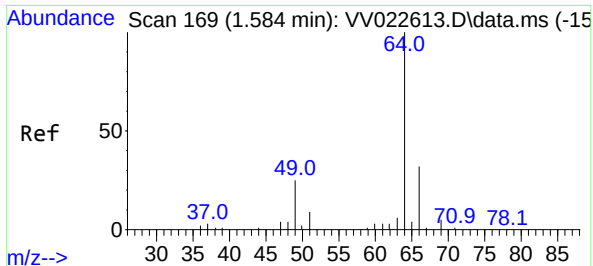
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13687	4.244	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.565	69	22068	5.076	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.600%	
11) 1,1-Dichloroethene-d2	2.105	63	27818	2.973	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.918	46	71611	37.563	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.120%	
24) Chloroform-d	4.349	84	59457	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.034	65	29552	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.047	84	101307	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.072	67	37138	4.675	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.317	98	77306	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	7.632	79	8508	4.047	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.098	63	59127	45.426	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27223	4.510	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	35430	5.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.568	64	778	0.158	ug/L #	42
12) 1,1-Dichloroethene	2.114	96	955	0.155	ug/L #	1
14) Carbon disulfide	2.288	76	1053	0.058	ug/L #	68
22) cis-1,2-Dichloroethene	3.908	96	576	0.079	ug/L	71
25) Chloroform	4.375	83	4755	0.361	ug/L	86
27) 1,2-Dichloroethane	5.053	62	674	0.096	ug/L #	74
31) Carbon tetrachloride	4.828	117	2784	0.275	ug/L	100
34) Trichloroethene	5.915	95	4394	0.562	ug/L	83
35) Methylcyclohexane	6.072	83	9274	0.846	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	4056	0.617	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	766	0.086	ug/L #	82
42) Toluene	7.400	91	3236	0.114	ug/L	82
47) Tetrachloroethene	7.976	164	5602	0.921	ug/L	93
48) 2-Hexanone	8.153	43	7299	2.804	ug/L #	65
49) Dibromochloromethane	7.976	129	4865	0.841	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4546	1.414	ug/L #	62

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

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 07 06:18:10 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

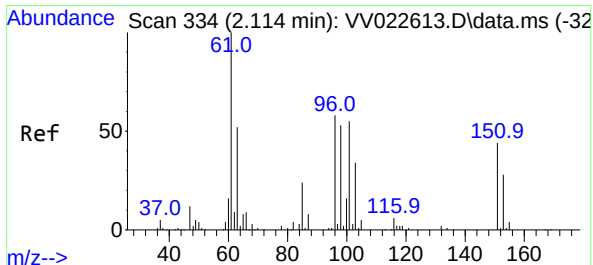
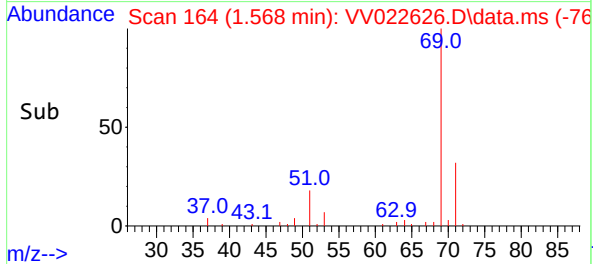
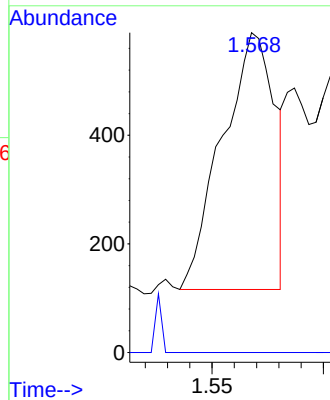
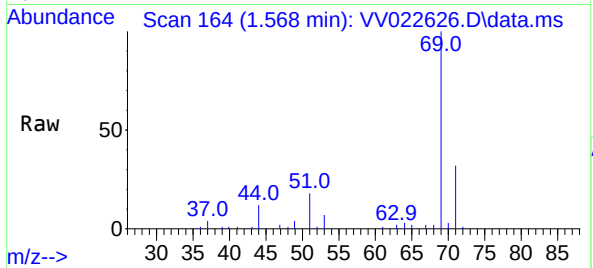




#8
Chloroethane
Concen: 0.158 ug/L
RT: 1.568 min Scan# 164
Delta R.T. -0.016 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

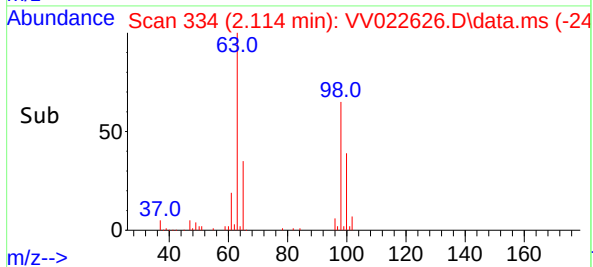
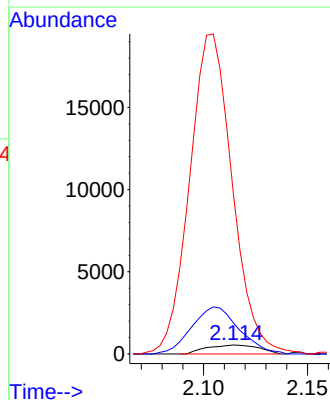
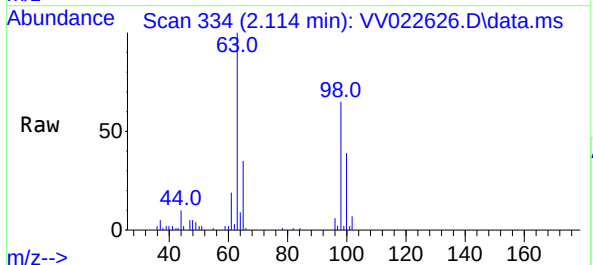
Instrument :
MSVOA_V
ClientSampled :

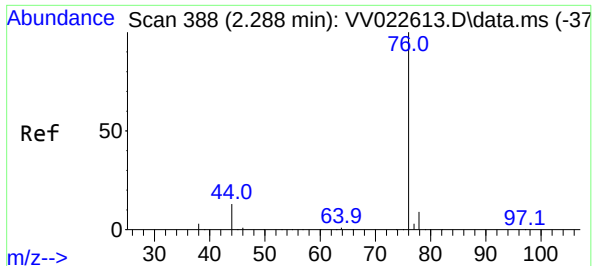
Tgt Ion: 64 Resp: 778
Ion Ratio Lower Upper
64 100
66 0.0 23.2 43.0#



#12
1,1-Dichloroethene
Concen: 0.155 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 96 Resp: 955
Ion Ratio Lower Upper
96 100
61 348.3 113.2 210.2#
63 1798.9 66.6 123.8#

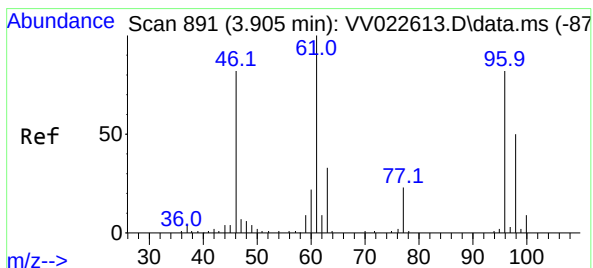
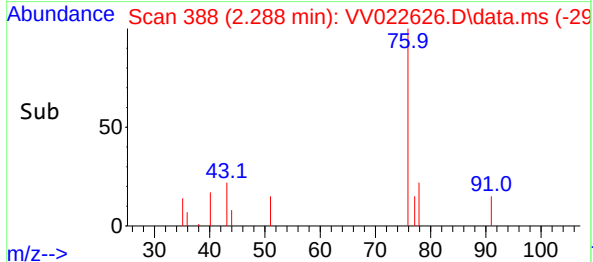
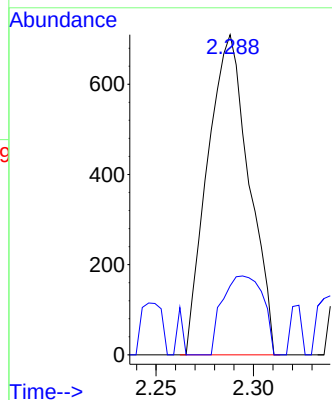
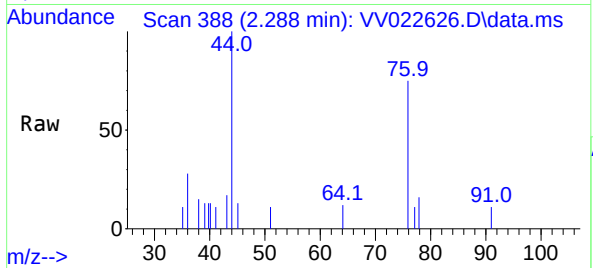




#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

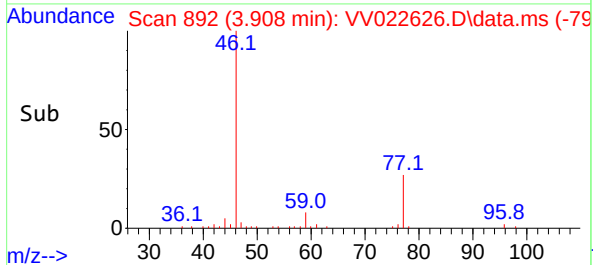
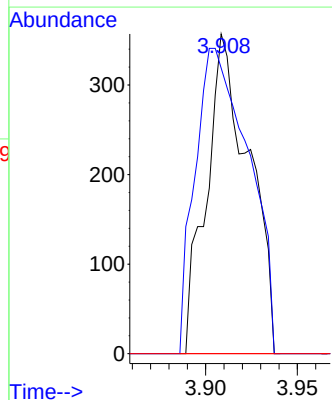
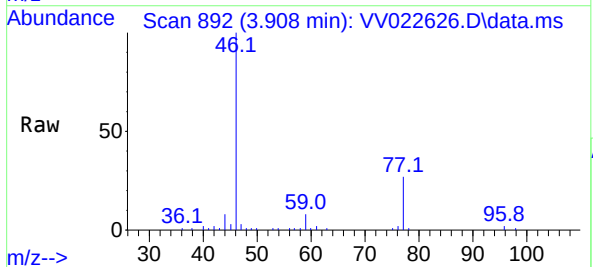
Instrument :
MSVOA_V
ClientSampled :

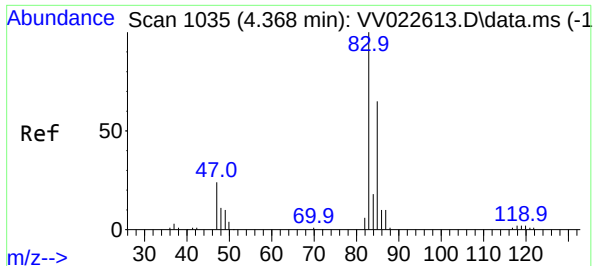
Tgt Ion: 76 Resp: 1053
Ion Ratio Lower Upper
76 100
78 21.5 7.8 11.6#



#22
cis-1,2-Dichloroethene
Concen: 0.079 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 96 Resp: 576
Ion Ratio Lower Upper
96 100
61 89.4 85.6 159.0
68 0.0 0.0 0.0



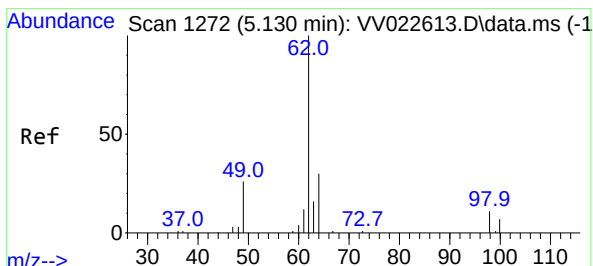
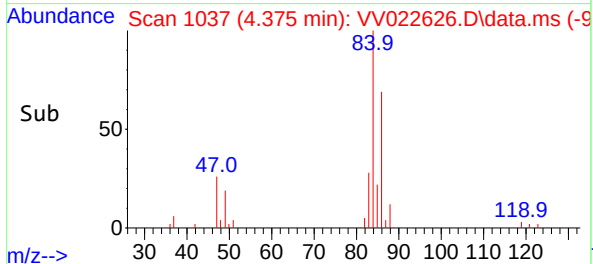
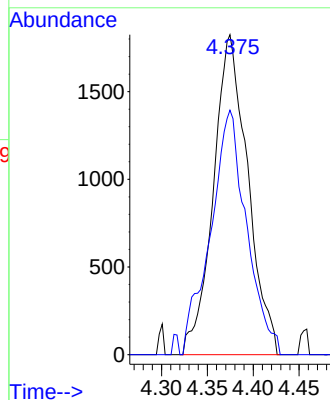
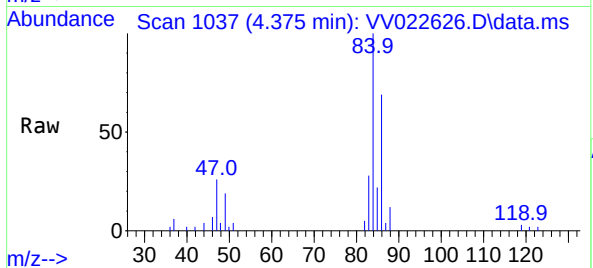


#25

Chloroform
Concen: 0.361 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Instrument :
MSVOA_V
ClientSampled :

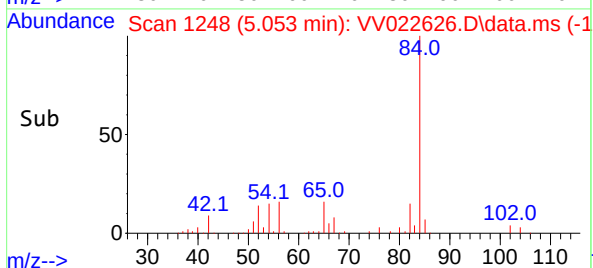
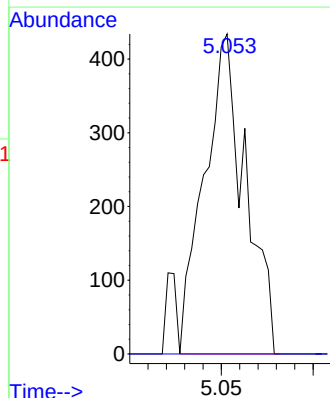
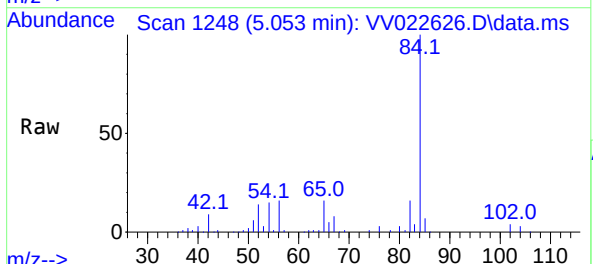
Tgt Ion: 83 Resp: 4755
Ion Ratio Lower Upper
83 100
85 76.4 45.6 84.8

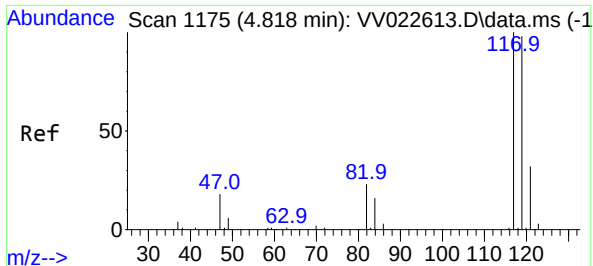


#27

1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 62 Resp: 674
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

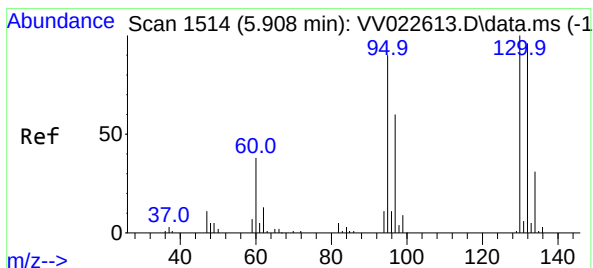
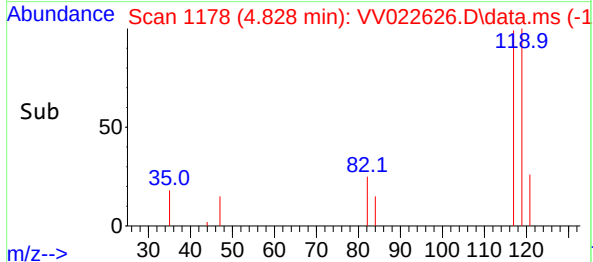
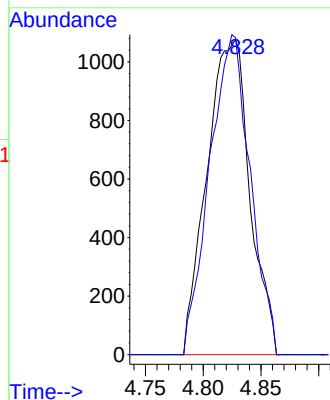
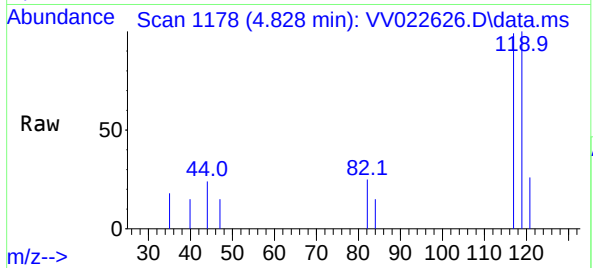




#31
Carbon tetrachloride
Concen: 0.275 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

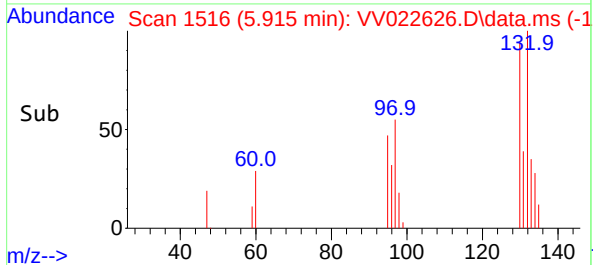
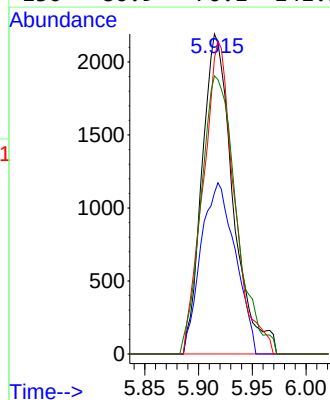
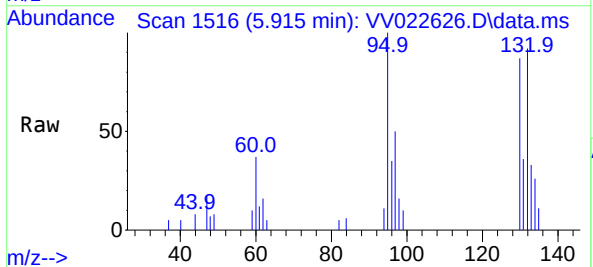
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MSVOA_V
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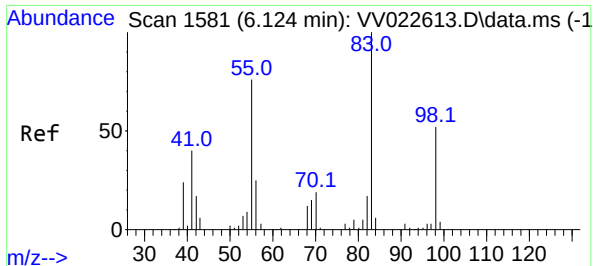
Tgt Ion:117 Resp: 2784
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#34
Trichloroethene
Concen: 0.562 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 95 Resp: 4394
Ion Ratio Lower Upper
95 100
97 50.4 46.5 86.5
132 92.3 73.0 135.6
130 86.9 76.1 141.3





#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.072 min Scan# 1565

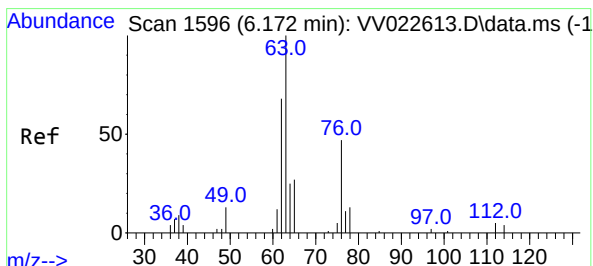
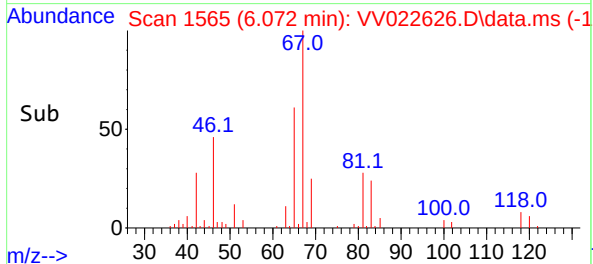
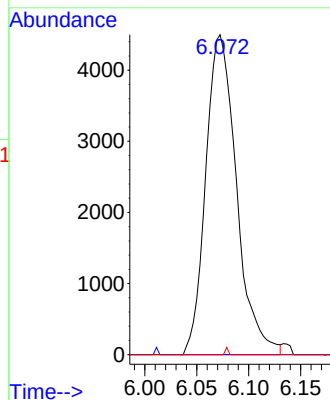
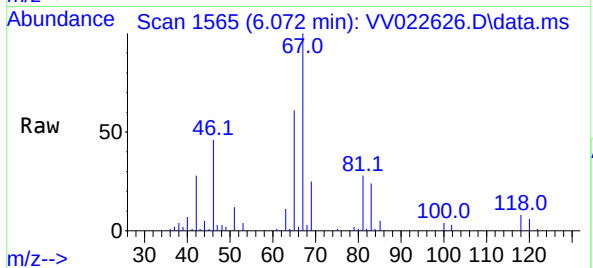
Delta R.T. -0.051 min

Lab File: VV022626.D

Acq: 06 Oct 2021 15:49

Tgt Ion:	83	Resp:	9274
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.8#
98	2.4	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

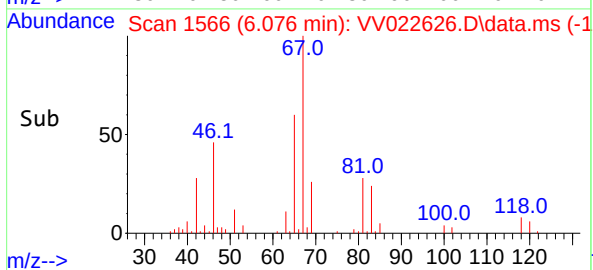
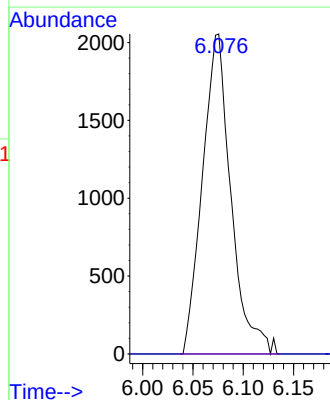
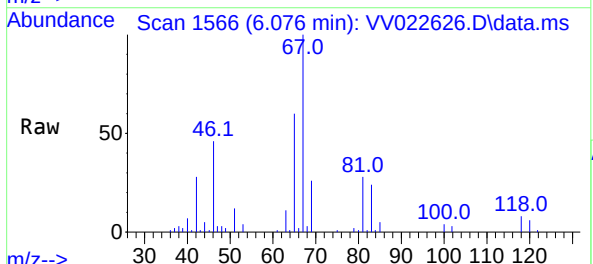
RT: 6.076 min Scan# 1566

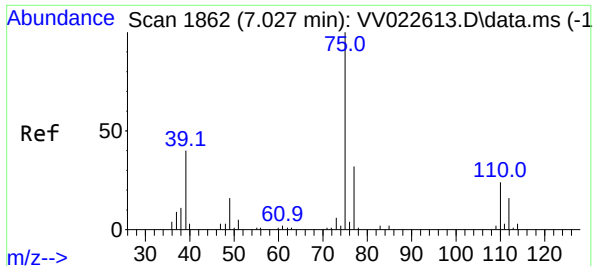
Delta R.T. -0.096 min

Lab File: VV022626.D

Acq: 06 Oct 2021 15:49

Tgt Ion:	63	Resp:	4056
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



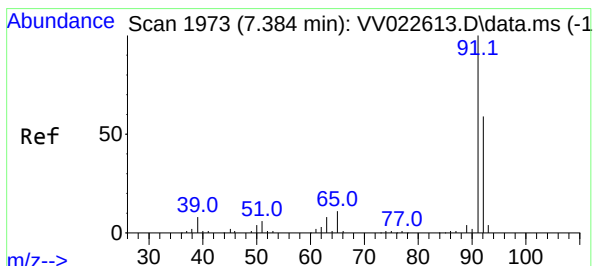
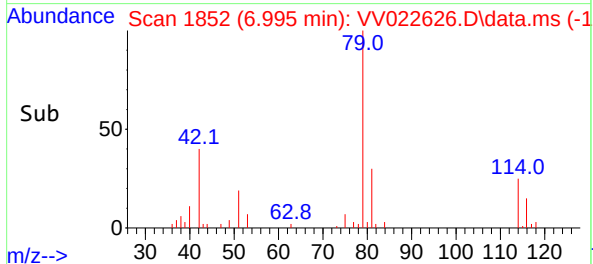
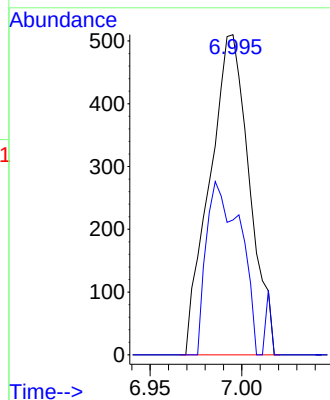
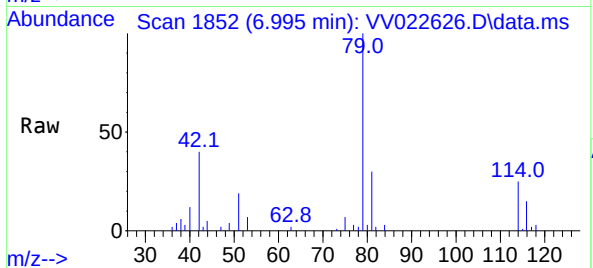


#39

cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Instrument :
MSVOA_V
ClientSampled :

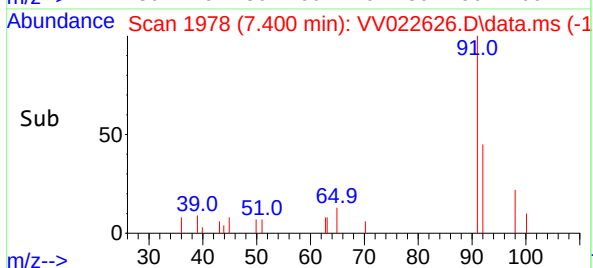
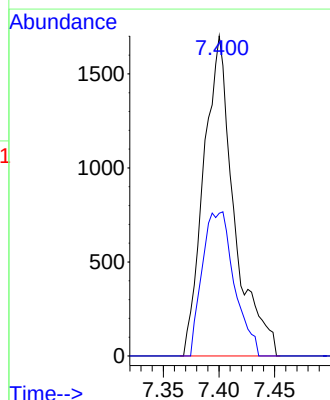
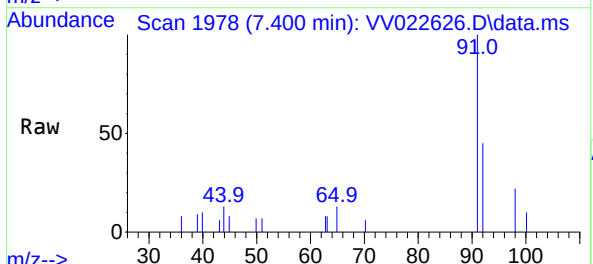
Tgt Ion: 75 Resp: 766
Ion Ratio Lower Upper
75 100
77 42.2 22.4 41.6#

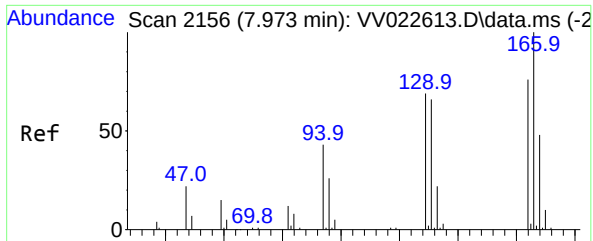


#42

Toluene
Concen: 0.114 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 91 Resp: 3236
Ion Ratio Lower Upper
91 100
92 44.6 40.5 75.3

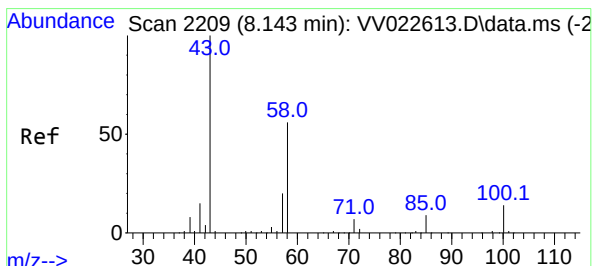
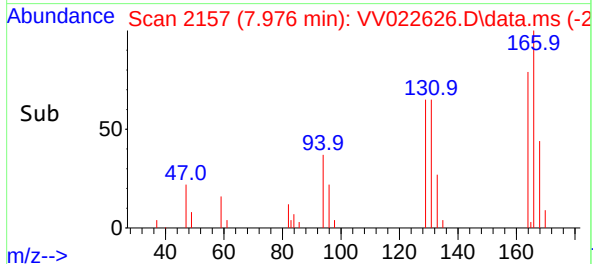
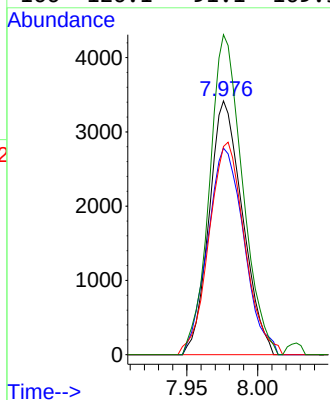
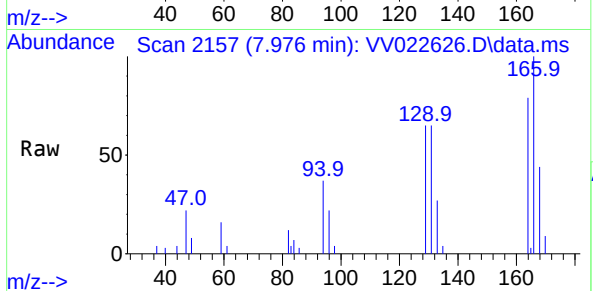




#47
Tetrachloroethene
Concen: 0.921 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

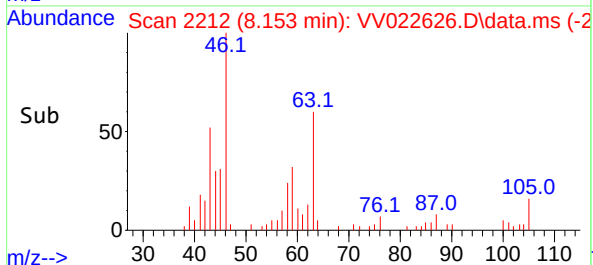
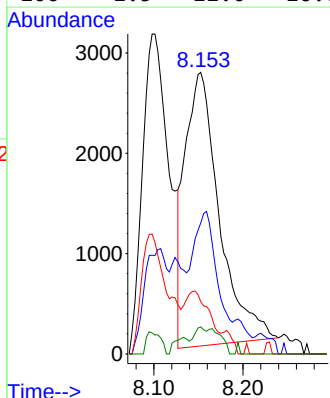
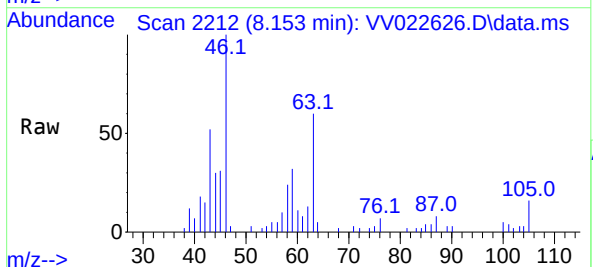
Instrument :
MSVOA_V
ClientSampled :

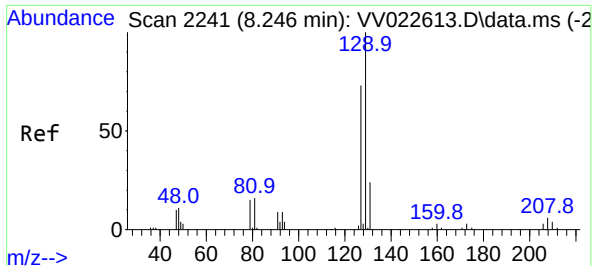
Tgt Ion:164 Resp: 5602
Ion Ratio Lower Upper
164 100
129 81.4 65.5 121.6
131 82.0 62.4 116.0
166 126.1 91.1 169.3



#48
2-Hexanone
Concen: 2.804 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.010 min
Lab File: VV022626.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 43 Resp: 7299
Ion Ratio Lower Upper
43 100
58 27.6 46.4 69.6#
57 11.0 16.3 24.5#
100 1.5 11.0 16.6#





#49

Dibromochloromethane

Concen: 0.841 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

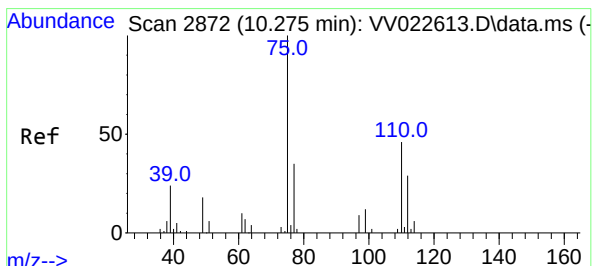
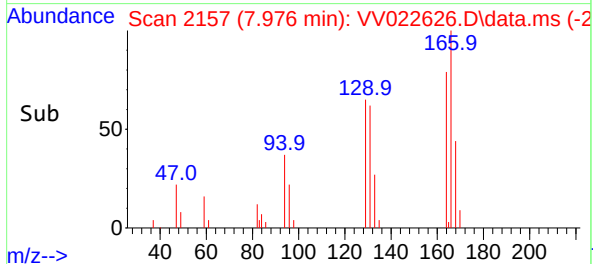
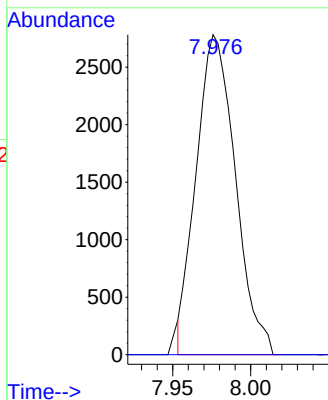
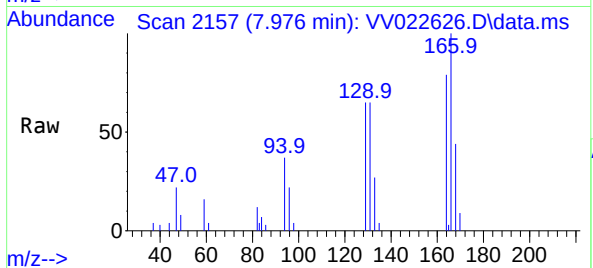
Lab File: VV022626.D

Acq: 06 Oct 2021 15:49

Tgt Ion: 129 Resp: 4865

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#

Instrument :
MSVOA_V
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 1.414 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022626.D

Acq: 06 Oct 2021 15:49

Tgt Ion: 75 Resp: 4546

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.1	39.1
110	1.5	33.0	49.6#

