

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022633.D
 Acq On : 06 Oct 2021 18:37
 Operator : SY/MD
 Sample : M4051-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

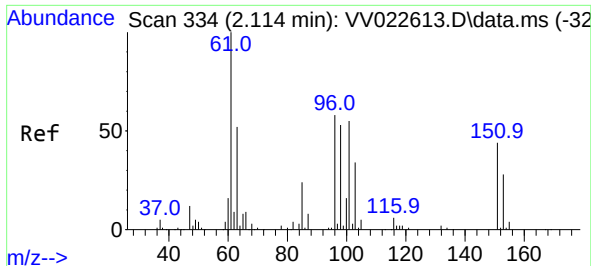
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:19:00 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	97456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	44680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13381	4.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.565	69	20227	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	32561	3.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.892	46	96763	52.425	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.840%
24) Chloroform-d	4.349	84	52228	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.037	65	28537	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.050	84	95407	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.072	67	33650	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.320	98	74882	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.629	79	8622	4.176	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.092	63	63947	50.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	28320	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	33640	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	10825	1.813	ug/L #	75
19) 1,1-Dichloroethane	3.188	63	1161	0.099	ug/L #	81
22) cis-1,2-Dichloroethene	3.912	96	3866	0.548	ug/L	95
25) Chloroform	4.375	83	11142	0.874	ug/L	99
27) 1,2-Dichloroethane	5.056	62	679	0.100	ug/L #	74
29) 1,1,1-Trichloroethane	4.613	97	1410	0.126	ug/L #	72
31) Carbon tetrachloride	4.828	117	1118	0.112	ug/L	93
34) Trichloroethene	5.915	95	29555	3.845	ug/L	97
35) Methylcyclohexane	6.069	83	8470	0.786	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4113	0.637	ug/L #	84
42) Toluene	7.404	91	1987	0.072	ug/L	98
47) Tetrachloroethene	7.979	164	14357	2.402	ug/L	95
48) 2-Hexanone	8.140	43	6872	2.688	ug/L #	81
49) Dibromochloromethane	7.976	129	12967	2.282	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4274	1.290	ug/L #	62

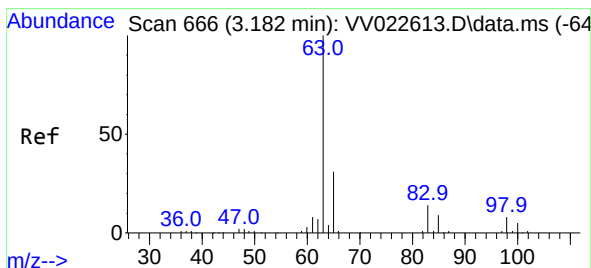
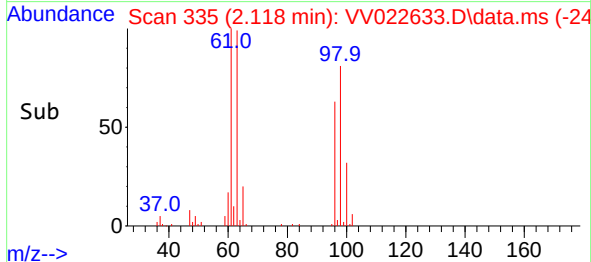
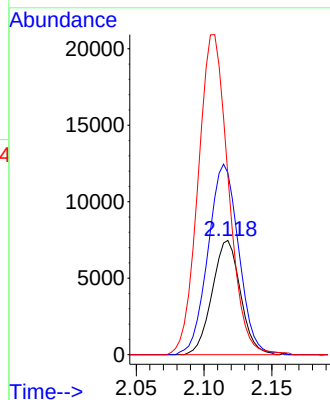
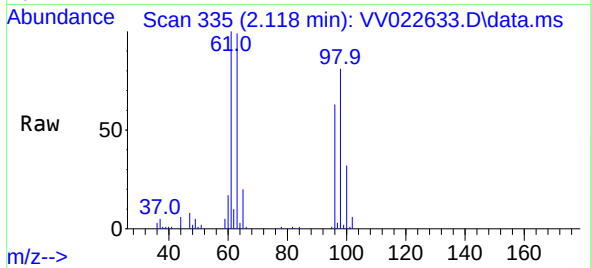
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 1.813 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

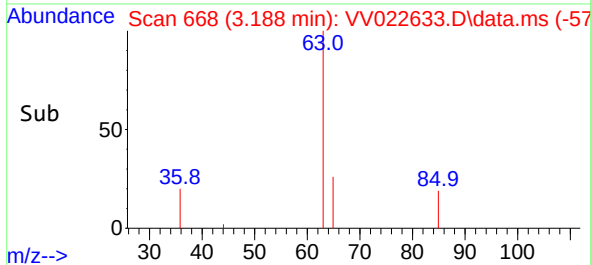
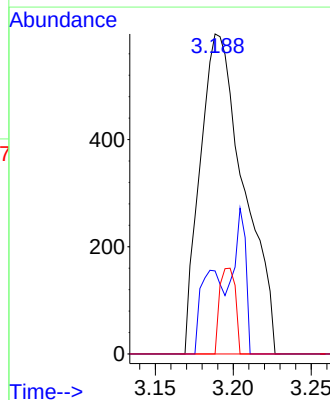
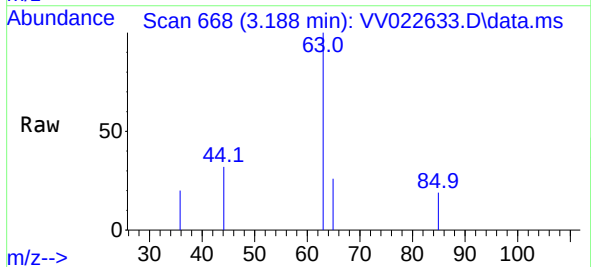
Instrument :
MSVOA_V
ClientSampled :

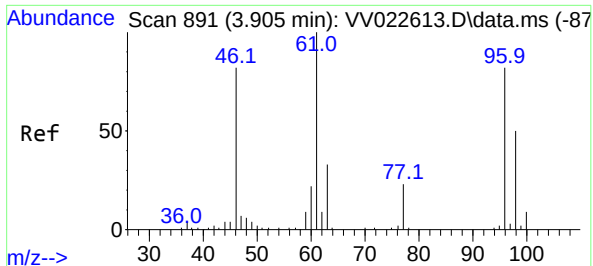
Tgt Ion: 96 Resp: 10825
Ion Ratio Lower Upper
96 100
61 159.1 113.2 210.2
63 157.0 66.6 123.8#



#19
1,1-Dichloroethane
Concen: 0.099 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Tgt Ion: 63 Resp: 1161
Ion Ratio Lower Upper
63 100
65 26.0 22.8 42.4
83 0.0 10.2 19.0#





#22

cis-1,2-Dichloroethene

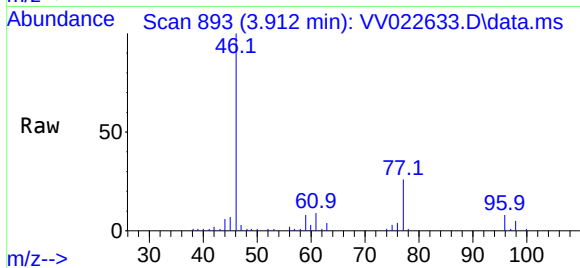
Concen: 0.548 ug/L

RT: 3.912 min Scan# 893

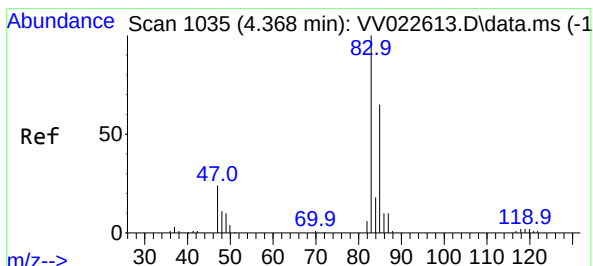
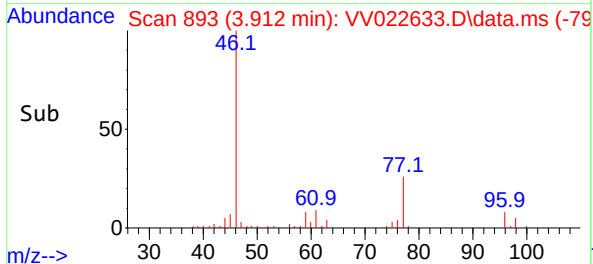
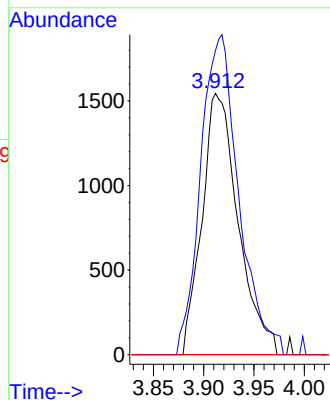
Delta R.T. 0.006 min

Lab File: VV022633.D

Acq: 06 Oct 2021 18:37



Tgt Ion:	96	Resp:	3866
Ion	Ratio	Lower	Upper
96	100		
61	116.5	85.6	159.0
68	0.0	0.0	0.0



#25

Chloroform

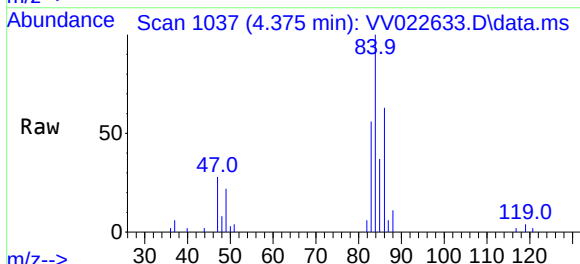
Concen: 0.874 ug/L

RT: 4.375 min Scan# 1037

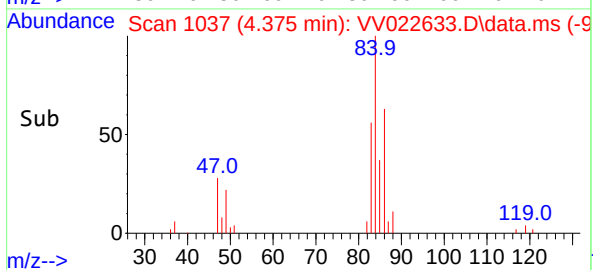
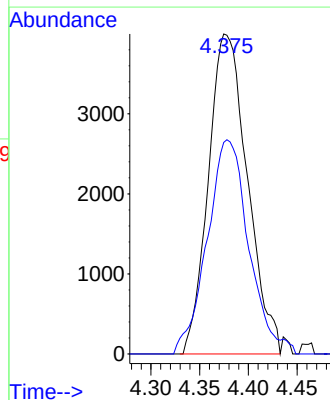
Delta R.T. 0.006 min

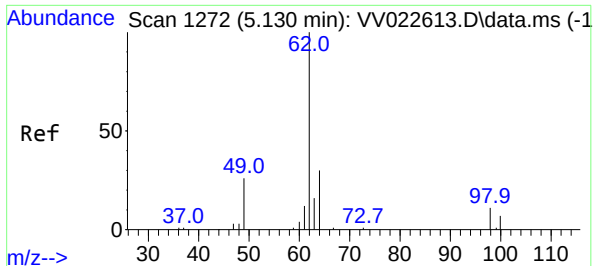
Lab File: VV022633.D

Acq: 06 Oct 2021 18:37



Tgt Ion:	83	Resp:	11142
Ion	Ratio	Lower	Upper
83	100		
85	66.1	45.6	84.8



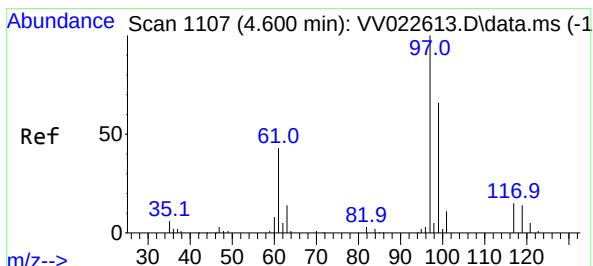
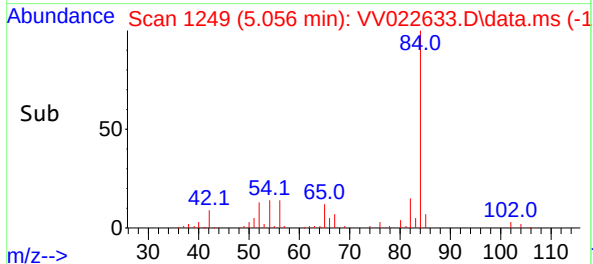
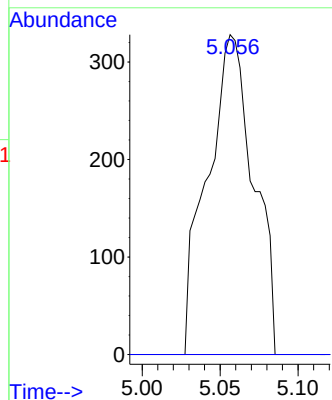
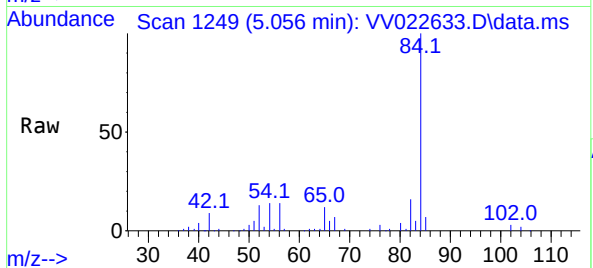


#27

1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Instrument :
MSVOA_V
ClientSampled :

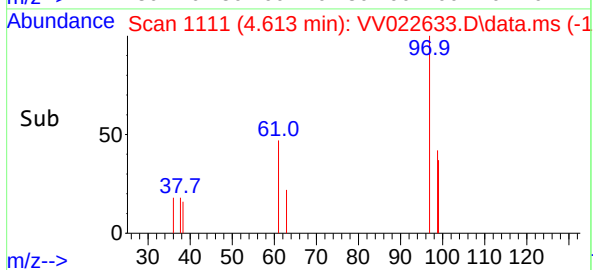
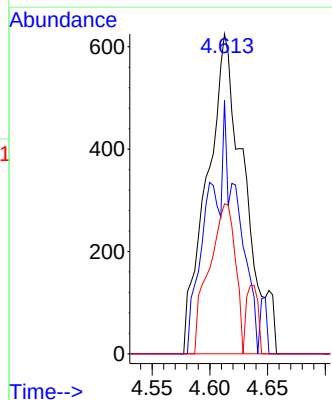
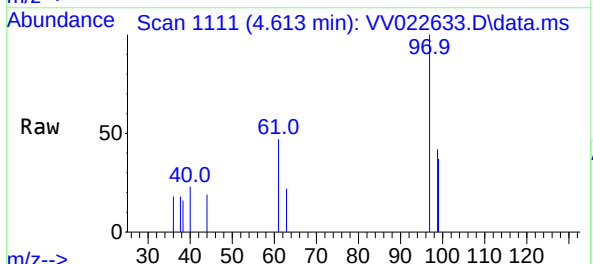
Tgt Ion: 62 Resp: 679
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

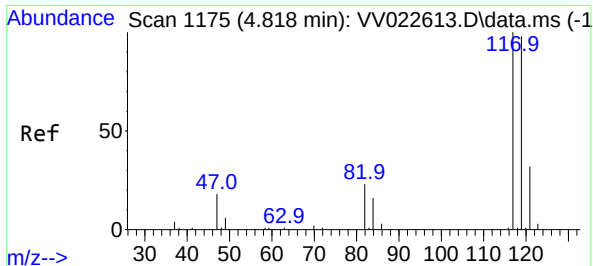


#29

1,1,1-Trichloroethane
Concen: 0.126 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.013 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Tgt Ion: 97 Resp: 1410
Ion Ratio Lower Upper
97 100
99 32.3 49.8 74.6#
61 32.8 32.5 48.7

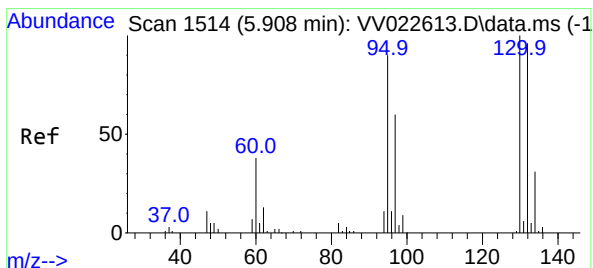
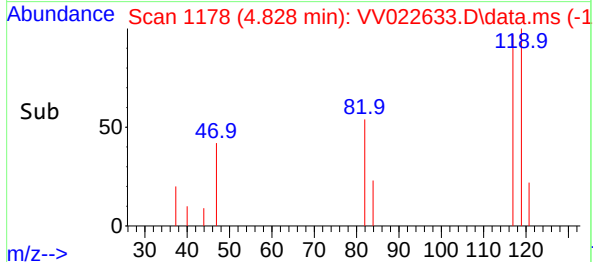
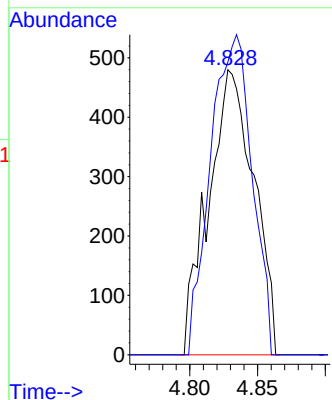
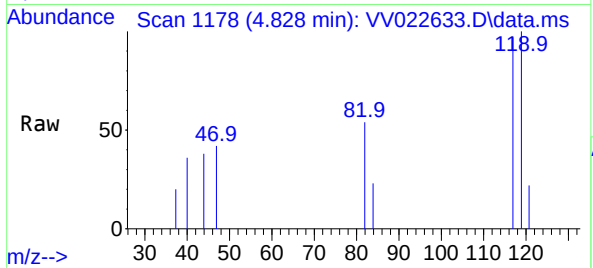




#31
Carbon tetrachloride
Concen: 0.112 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

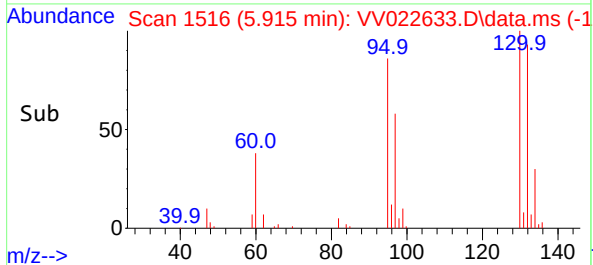
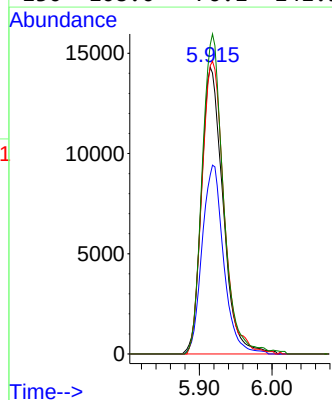
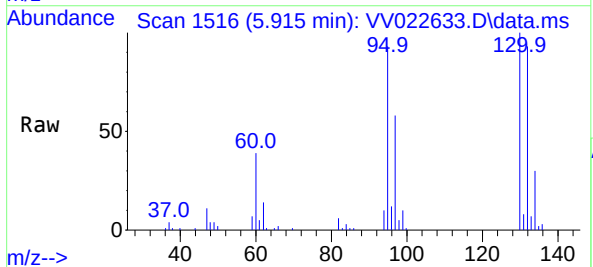
Instrument :
MSVOA_V
ClientSampleId :

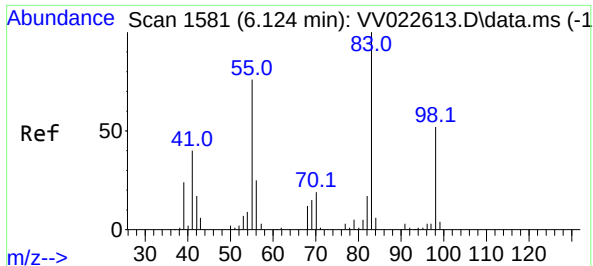
Tgt Ion:117 Resp: 1118
Ion Ratio Lower Upper
117 100
119 102.9 76.9 115.3



#34
Trichloroethene
Concen: 3.845 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Tgt Ion: 95 Resp: 29555
Ion Ratio Lower Upper
95 100
97 62.5 46.5 86.5
132 100.7 73.0 135.6
130 108.0 76.1 141.3





#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.069 min Scan# 1564

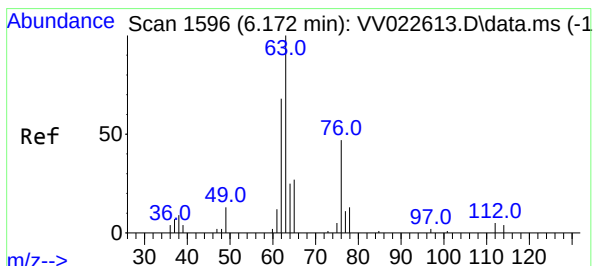
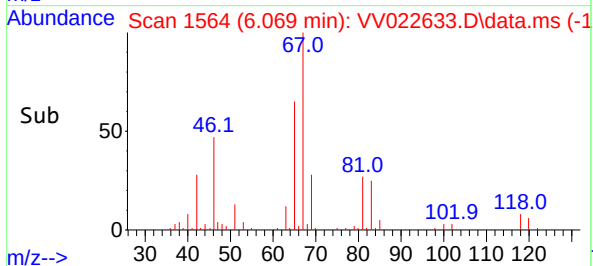
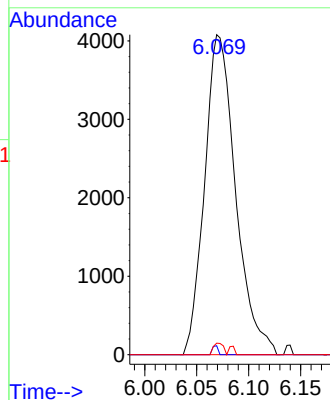
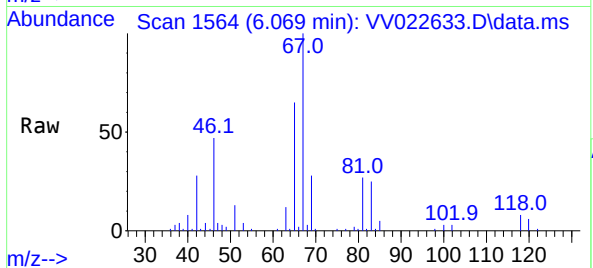
Delta R.T. -0.055 min

Lab File: VV022633.D

Acq: 06 Oct 2021 18:37

Tgt Ion:	83	Resp:	8470
Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.8	86.8#
98	1.2	39.8	59.8#

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.637 ug/L

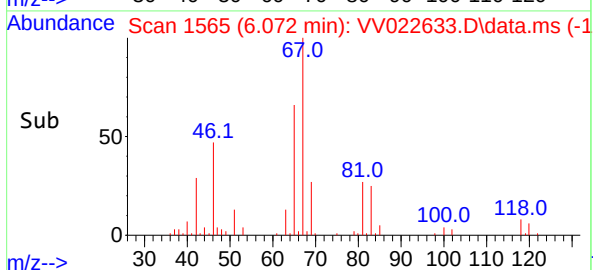
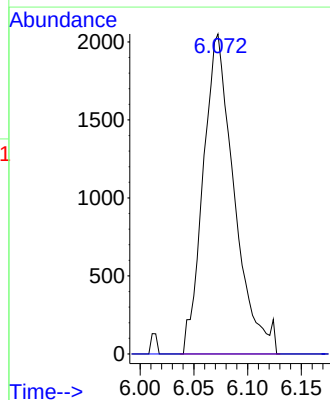
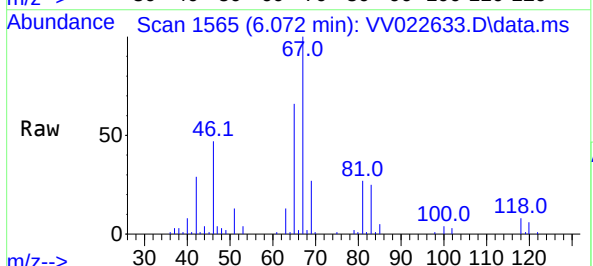
RT: 6.072 min Scan# 1565

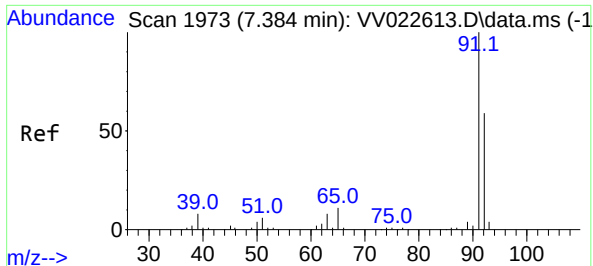
Delta R.T. -0.100 min

Lab File: VV022633.D

Acq: 06 Oct 2021 18:37

Tgt Ion:	63	Resp:	4113
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

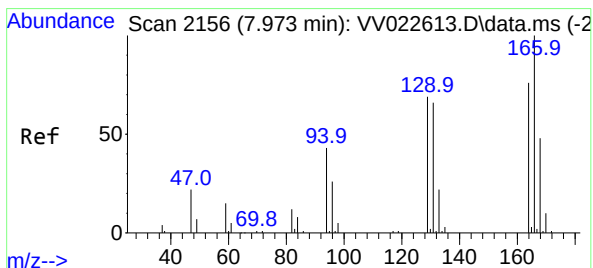
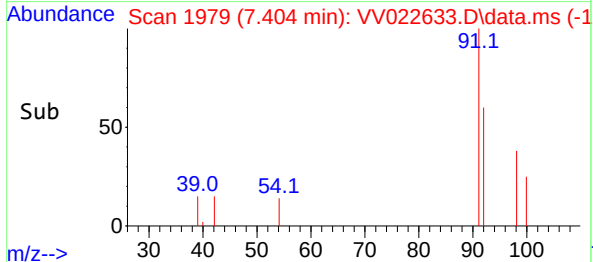
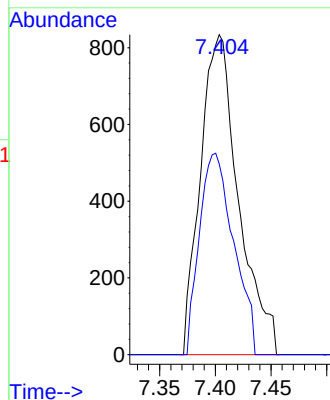
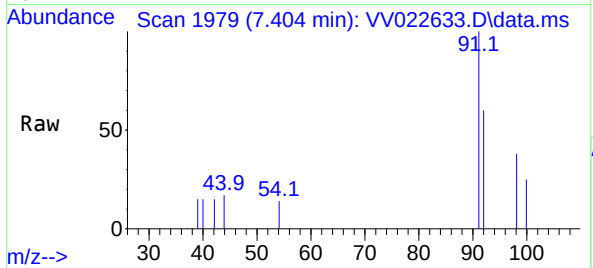




#42
Toluene
Concen: 0.072 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

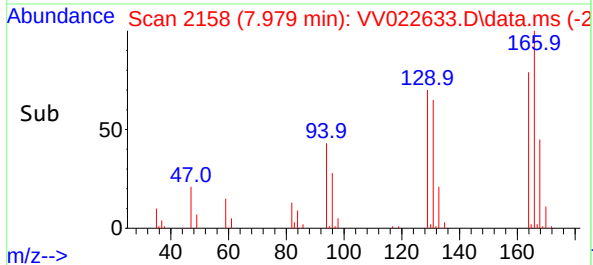
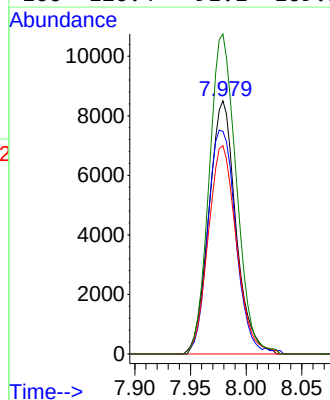
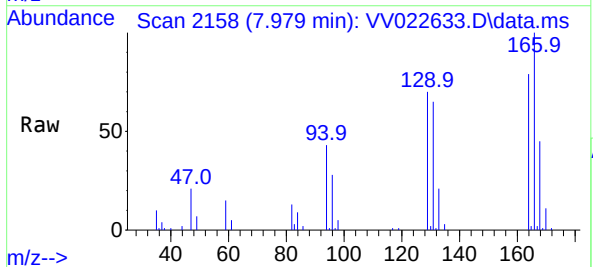
Instrument :
MSVOA_V
ClientSampled :

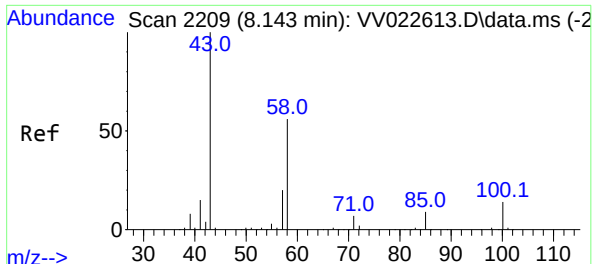
Tgt Ion: 91 Resp: 1987
Ion Ratio Lower Upper
91 100
92 59.6 40.5 75.3



#47
Tetrachloroethene
Concen: 2.402 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Tgt Ion: 164 Resp: 14357
Ion Ratio Lower Upper
164 100
129 87.9 65.5 121.6
131 82.3 62.4 116.0
166 126.4 91.1 169.3



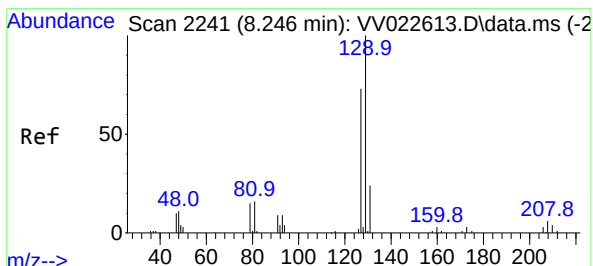
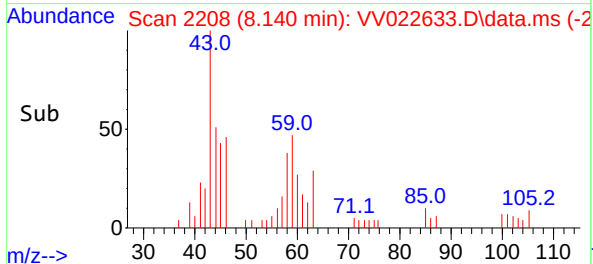
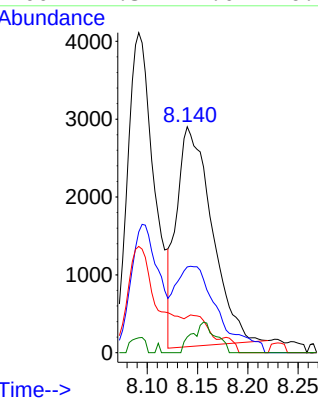
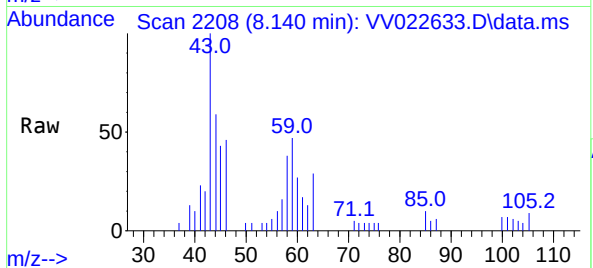


#48
2-Hexanone
Concen: 2.688 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6872

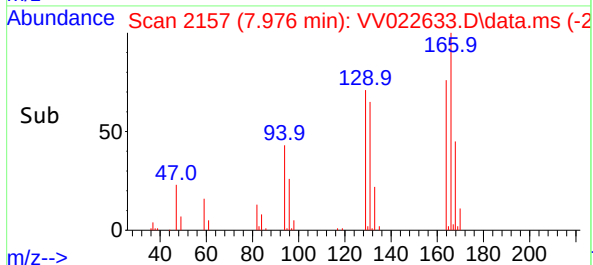
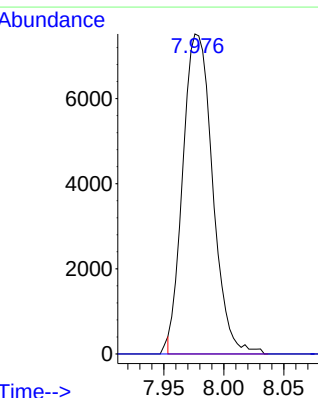
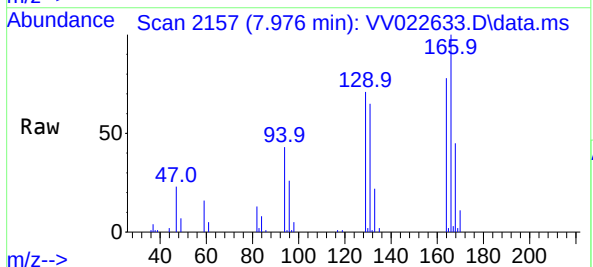
Ion	Ratio	Lower	Upper
43	100		
58	48.0	46.4	69.6
57	2.3	16.3	24.5#
100	9.3	11.0	16.6#

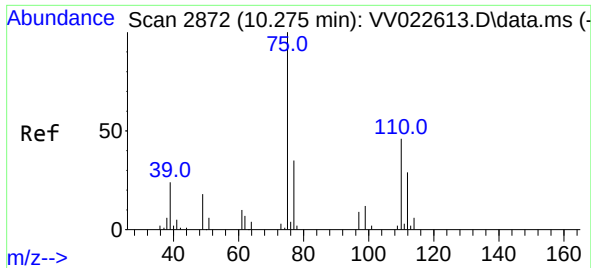


#49
Dibromochloromethane
Concen: 2.282 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Tgt Ion: 129 Resp: 12967

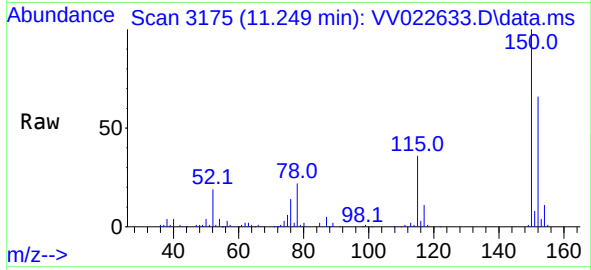
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#61
1,2,3-Trichloropropane
Concen: 1.290 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022633.D
Acq: 06 Oct 2021 18:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 4274

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.1	39.1
110	1.7	33.0	49.6#

