

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022623.D
 Acq On : 06 Oct 2021 14:37
 Operator : SY/MD
 Sample : M4051-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:17:47 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)

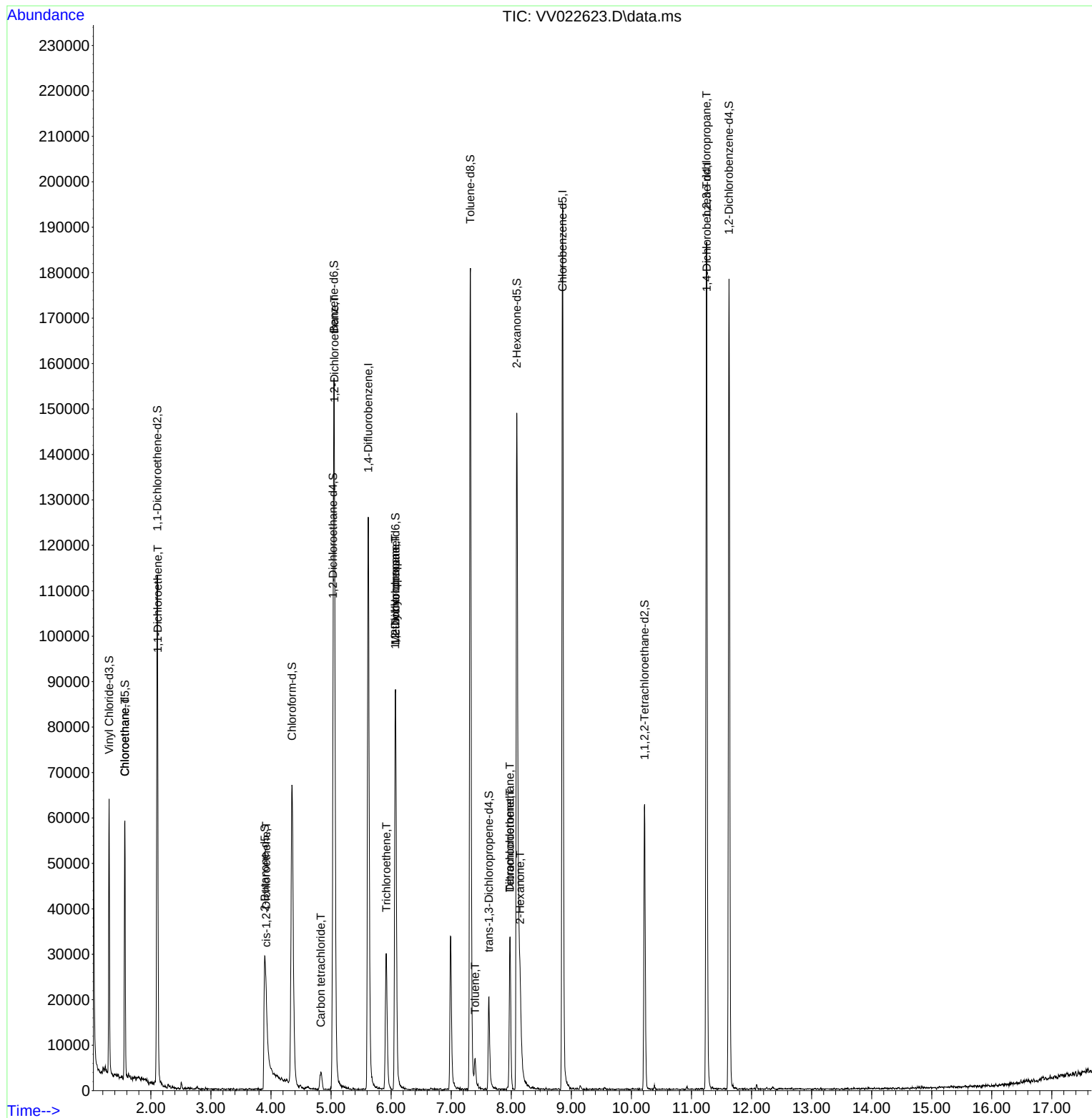
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36449	10.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	201.800%#
7) Chloroethane-d5	1.568	69	35022	7.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	143.800%#
11) 1,1-Dichloroethene-d2	2.108	63	58151	5.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.000%
20) 2-Butanone-d5	3.895	46	61318	28.720	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.440%
24) Chloroform-d	4.349	84	69758	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.034	65	35654	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.050	84	143800	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
36) 1,2-Dichloropropane-d6	6.072	67	44187	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.320	98	123109	5.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
43) trans-1,3-Dichloroprop...	7.628	79	12411	5.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.091	63	60489	40.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.320%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30074	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	49320	6.339	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.800%#
Target Compounds						Qvalue
8) Chloroethane	1.568	64	558	0.101	ug/L #	42
12) 1,1-Dichloroethene	2.114	96	1807	0.262	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	2119	0.260	ug/L	87
27) 1,2-Dichloroethane	5.056	62	917	0.117	ug/L #	74
31) Carbon tetrachloride	4.831	117	3065	0.265	ug/L	97
34) Trichloroethene	5.921	95	9891	1.106	ug/L	97
35) Methylcyclohexane	6.072	83	10561	0.843	ug/L #	28
37) 1,2-Dichloropropane	6.069	63	4987	0.664	ug/L #	84
42) Toluene	7.400	91	4799	0.148	ug/L	98
47) Tetrachloroethene	7.979	164	8075	1.161	ug/L	99
48) 2-Hexanone	8.146	43	6483	2.179	ug/L #	87
49) Dibromochloromethane	7.979	129	7495	1.134	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5698	1.528	ug/L #	64

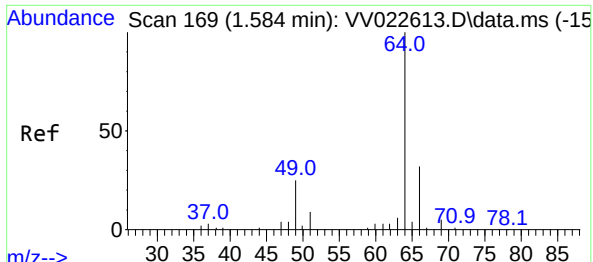
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

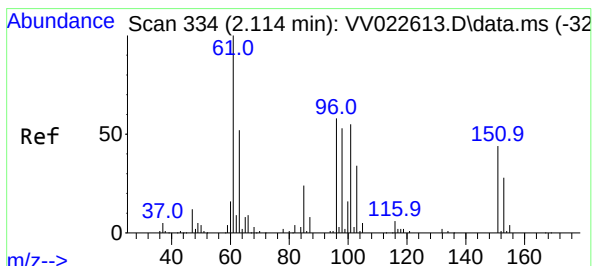
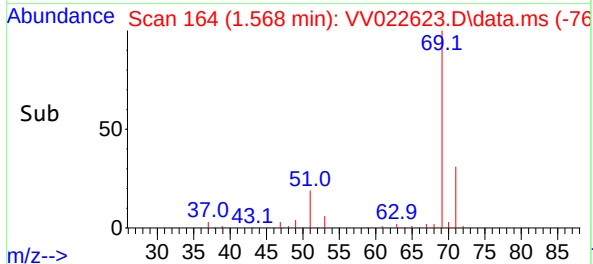
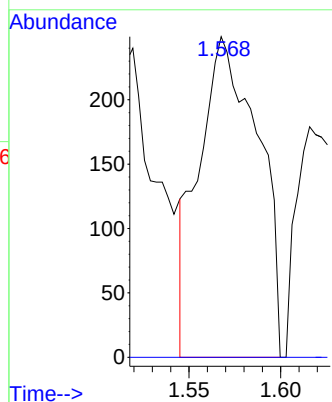
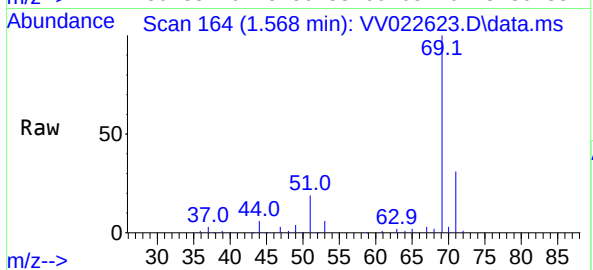




#8
Chloroethane
Concen: 0.101 ug/L
RT: 1.568 min Scan# 164
Delta R.T. -0.016 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

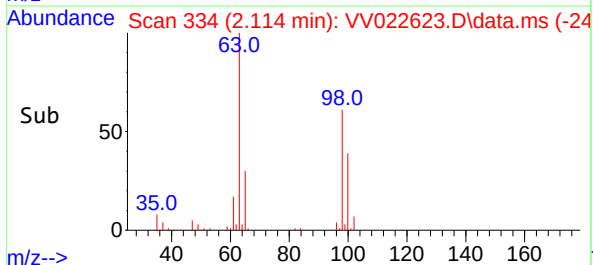
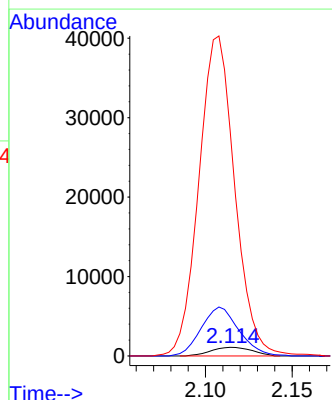
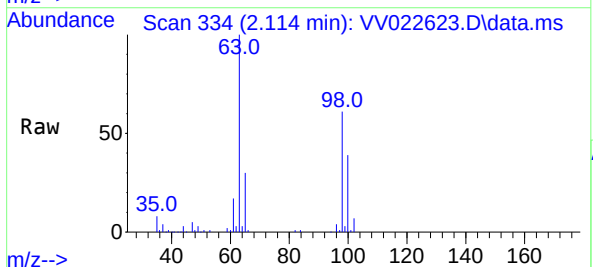
Instrument :
MSVOA_V
ClientSampled :

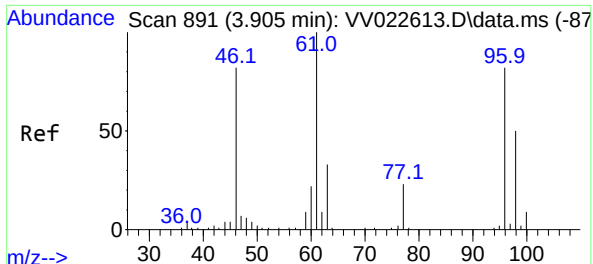
Tgt Ion: 64 Resp: 558
Ion Ratio Lower Upper
64 100
66 0.0 23.2 43.0#



#12
1,1-Dichloroethene
Concen: 0.262 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

Tgt Ion: 96 Resp: 1807
Ion Ratio Lower Upper
96 100
61 453.0 113.2 210.2#
63 2627.0 66.6 123.8#

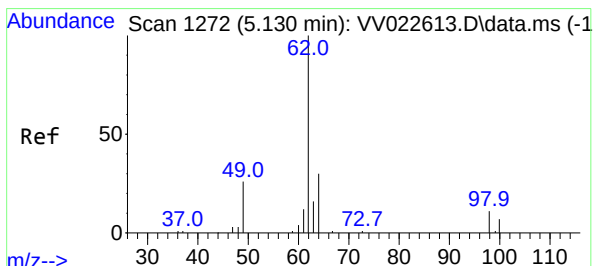
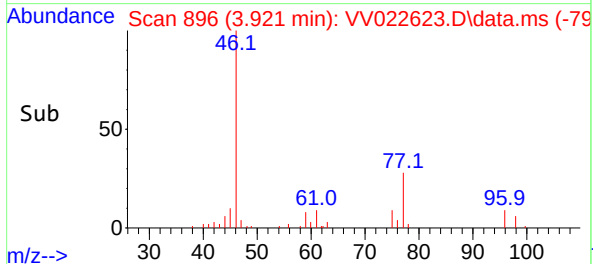
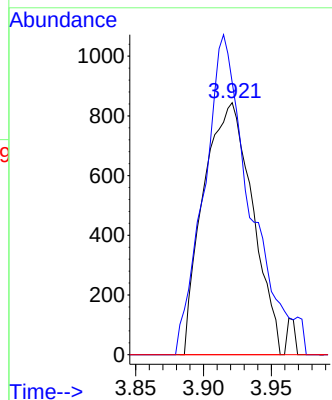
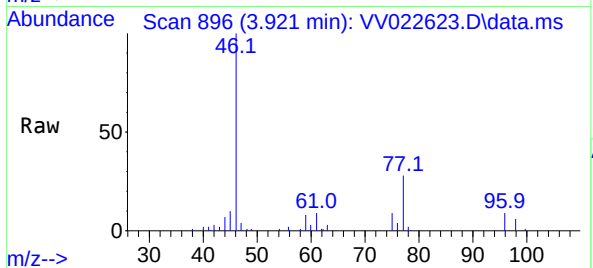




#22
cis-1,2-Dichloroethene
Concen: 0.260 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.016 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

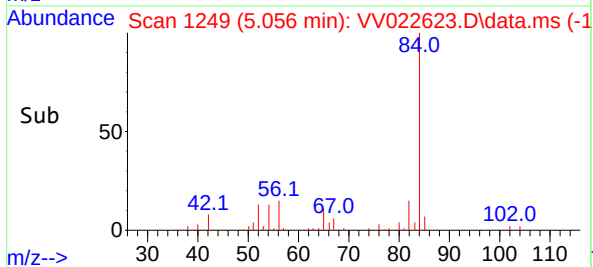
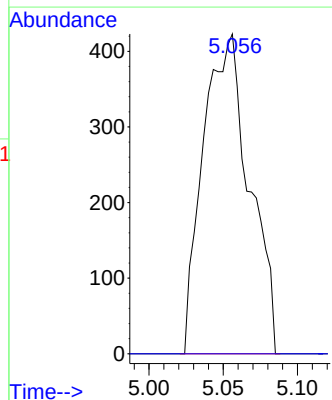
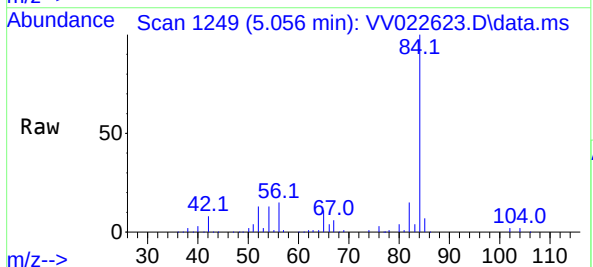
Instrument :
MSVOA_V
ClientSampled :

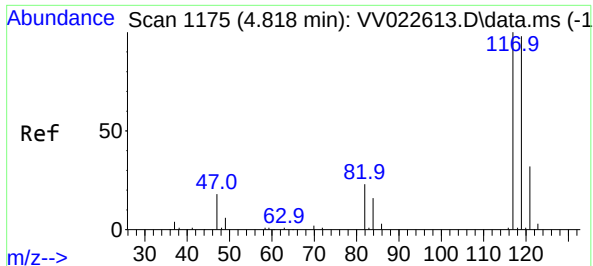
Tgt Ion: 96 Resp: 2119
Ion Ratio Lower Upper
96 100
61 108.1 85.6 159.0
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.117 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

Tgt Ion: 62 Resp: 917
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

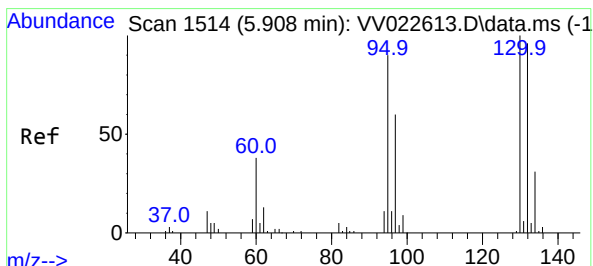
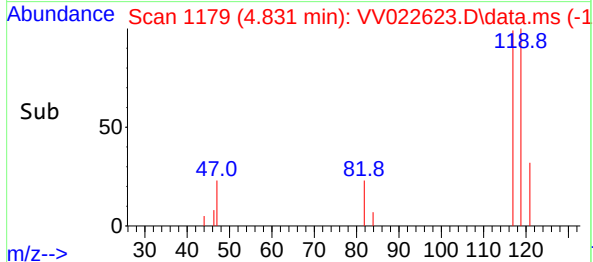
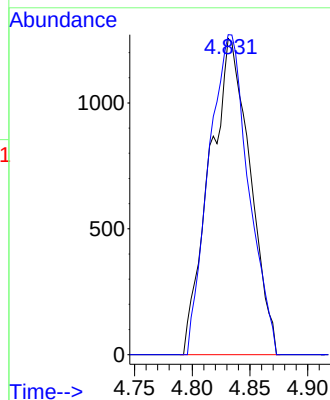
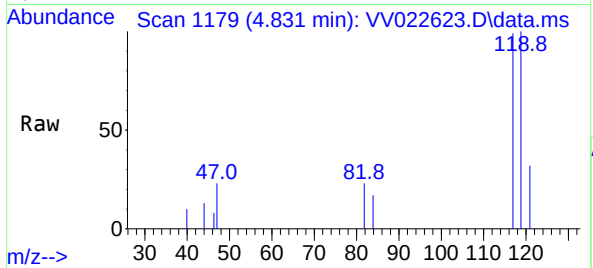




#31
Carbon tetrachloride
Concen: 0.265 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

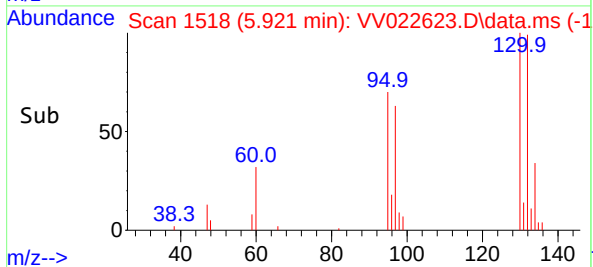
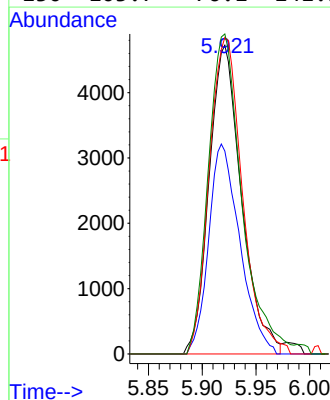
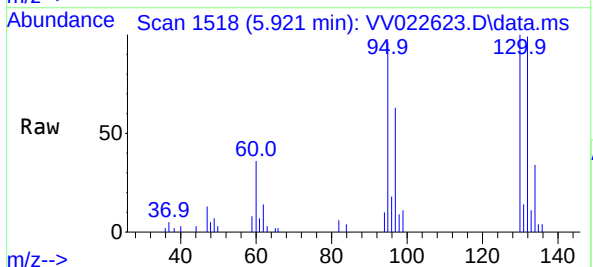
Instrument :
MSVOA_V
ClientSampled :

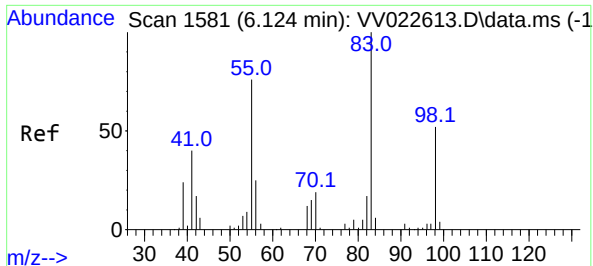
Tgt Ion:117 Resp: 3065
Ion Ratio Lower Upper
117 100
119 99.0 76.9 115.3



#34
Trichloroethene
Concen: 1.106 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

Tgt Ion: 95 Resp: 9891
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.5
132 102.6 73.0 135.6
130 103.7 76.1 141.3





#35

Methylcyclohexane

Concen: 0.843 ug/L

RT: 6.072 min Scan# 1565

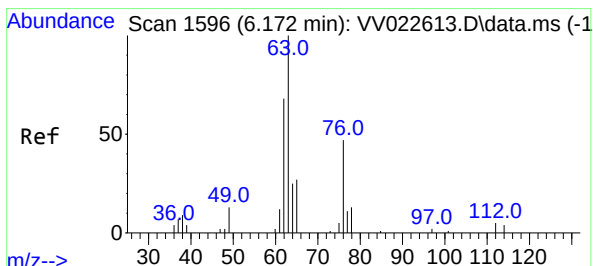
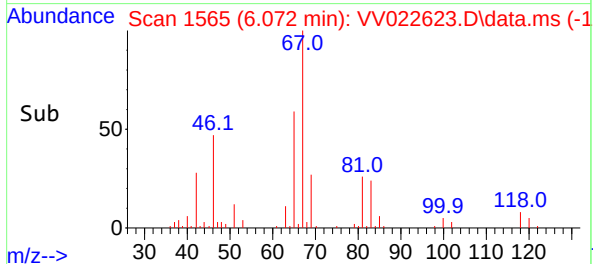
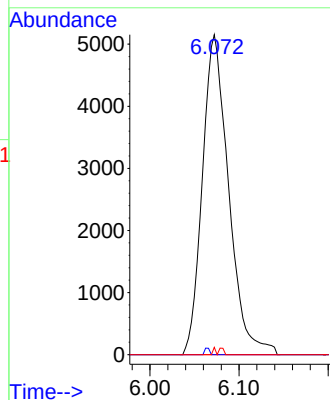
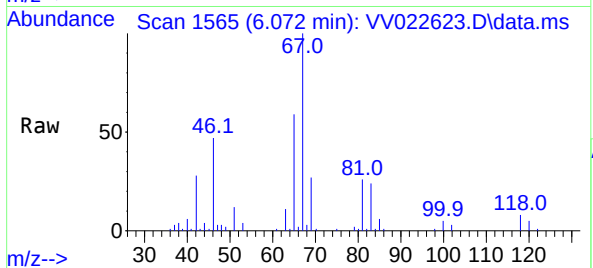
Delta R.T. -0.052 min

Lab File: VV022623.D

Acq: 06 Oct 2021 14:37

Tgt Ion:	83	Resp:	10561
Ion	Ratio	Lower	Upper
83	100		
55	0.4	57.8	86.8#
98	14.3	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.664 ug/L

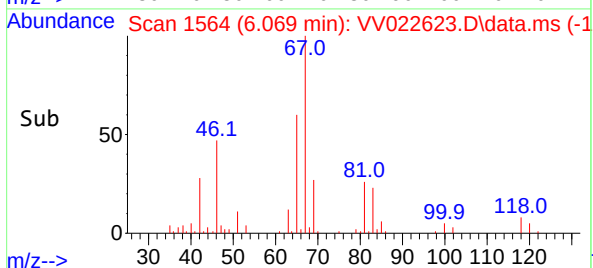
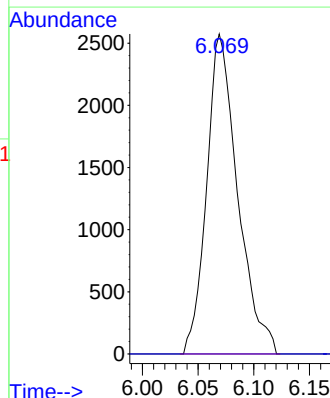
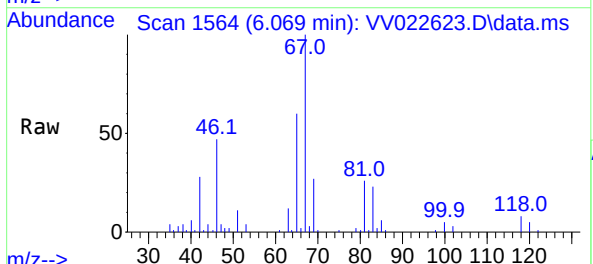
RT: 6.069 min Scan# 1564

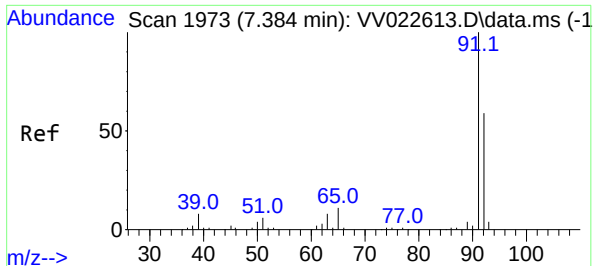
Delta R.T. -0.103 min

Lab File: VV022623.D

Acq: 06 Oct 2021 14:37

Tgt Ion:	63	Resp:	4987
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

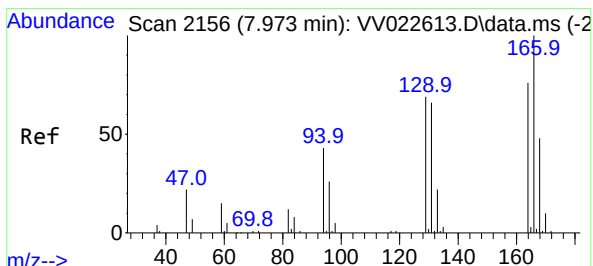
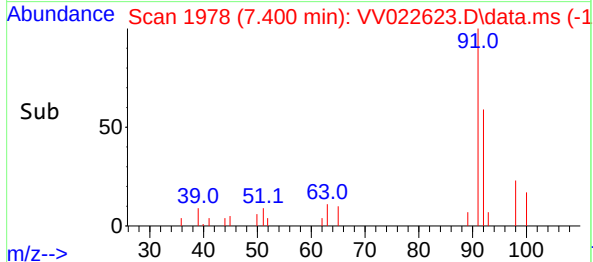
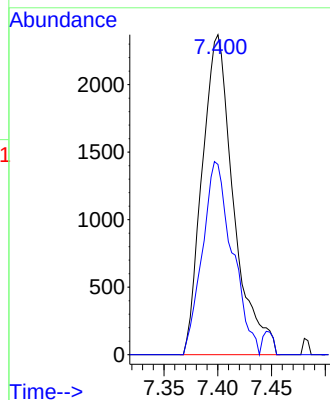
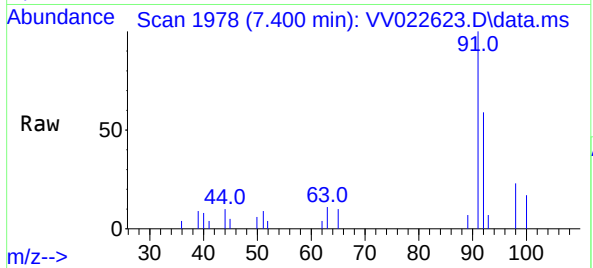




#42
Toluene
Concen: 0.148 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

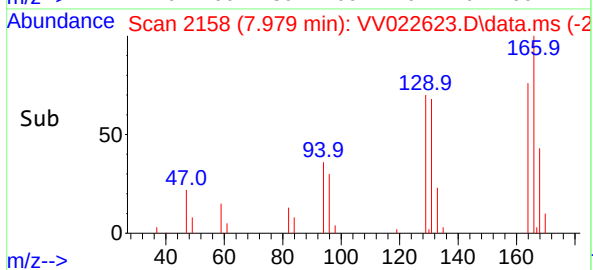
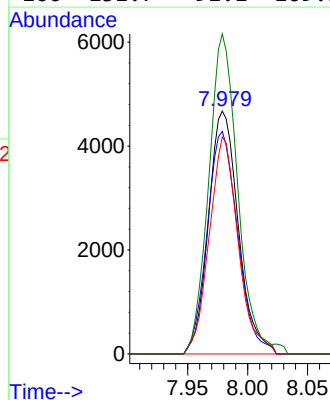
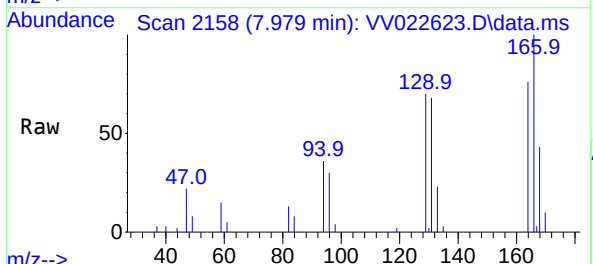
Instrument :
MSVOA_V
ClientSampled :

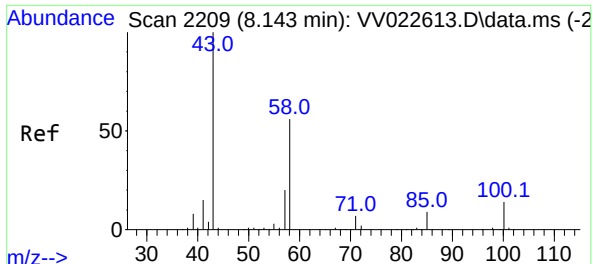
Tgt Ion: 91 Resp: 4799
Ion Ratio Lower Upper
91 100
92 59.5 40.5 75.3



#47
Tetrachloroethene
Concen: 1.161 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

Tgt Ion: 164 Resp: 8075
Ion Ratio Lower Upper
164 100
129 91.6 65.5 121.6
131 89.3 62.4 116.0
166 131.7 91.1 169.3



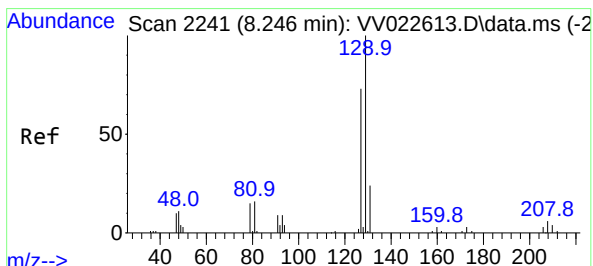
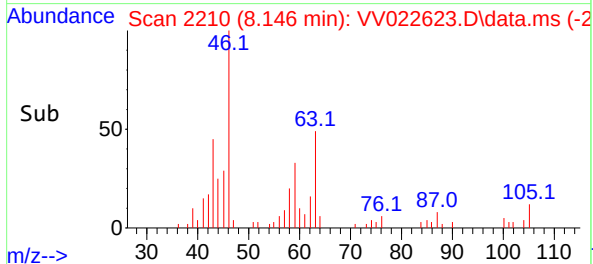
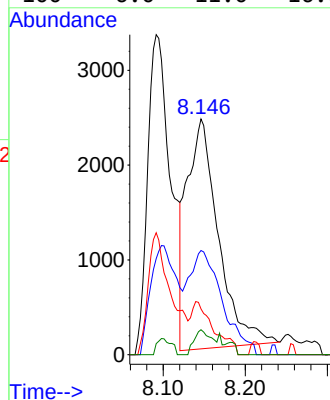
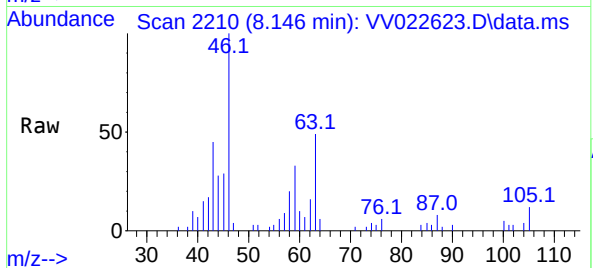


#48
2-Hexanone
Concen: 2.179 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6483

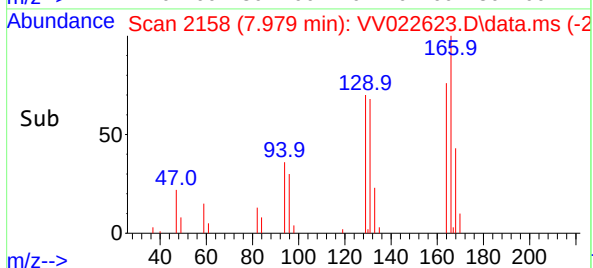
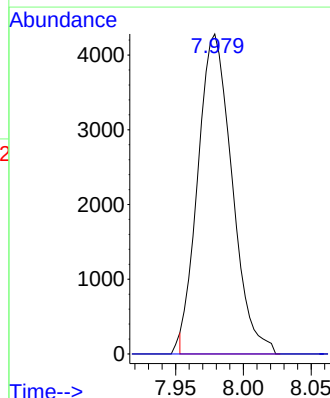
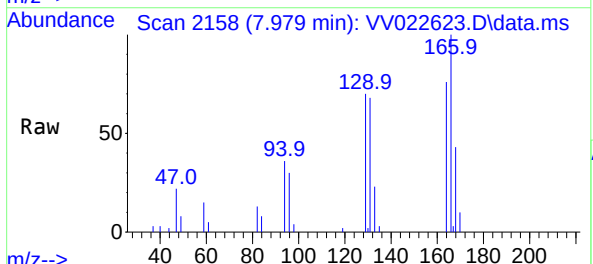
Ion	Ratio	Lower	Upper
43	100		
58	48.2	46.4	69.6
57	16.7	16.3	24.5
100	6.0	11.0	16.6

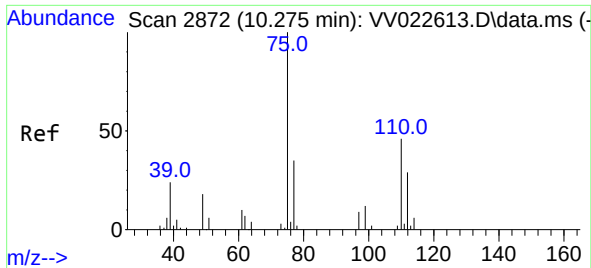


#49
Dibromochloromethane
Concen: 1.134 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022623.D
Acq: 06 Oct 2021 14:37

Tgt Ion: 129 Resp: 7495

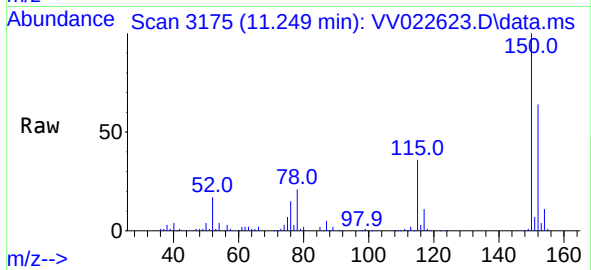
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6





#61
 1,2,3-Trichloropropane
 Concen: 1.528 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022623.D
 Acq: 06 Oct 2021 14:37

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5698

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.1	39.1
110	1.6	33.0	49.6#

