

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022671.D
 Acq On : 07 Oct 2021 18:41
 Operator : SY/MD
 Sample : M4051-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:03:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

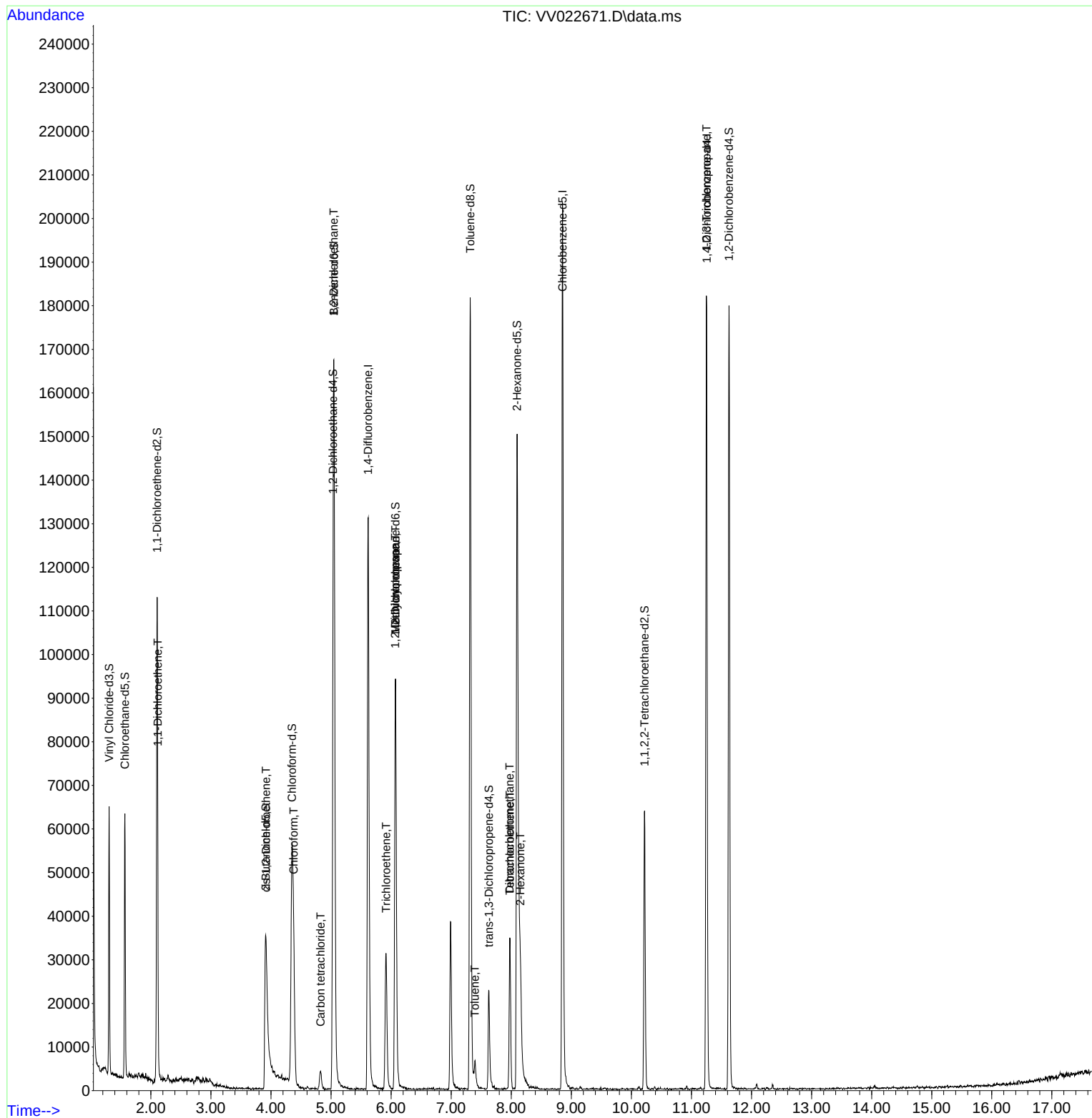
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37857	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.568	69	35955	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.105	63	55998	3.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.912	46	68188	32.453	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.900%
24) Chloroform-d	4.349	84	50301	3.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.000%#
26) 1,2-Dichloroethane-d4	5.034	65	36800	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.047	84	144733	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	46056	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.317	98	122803	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.629	79	14413	4.213	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.095	63	59599	43.234	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30635	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49013	5.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1290	0.183	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	2168	0.270	ug/L	84
25) Chloroform	4.378	83	28268	1.770	ug/L	98
27) 1,2-Dichloroethane	5.043	62	833	0.104	ug/L #	69
31) Carbon tetrachloride	4.825	117	3076	0.265	ug/L	98
34) Trichloroethene	5.918	95	10007	1.168	ug/L	94
35) Methylcyclohexane	6.072	83	11520	0.960	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	4925	0.650	ug/L #	84
42) Toluene	7.394	91	4519	0.141	ug/L	92
47) Tetrachloroethene	7.979	164	8667	1.251	ug/L	97
48) 2-Hexanone	8.149	43	8095	2.720	ug/L #	90
49) Dibromochloromethane	7.976	129	6960	1.058	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5577	1.576	ug/L #	61

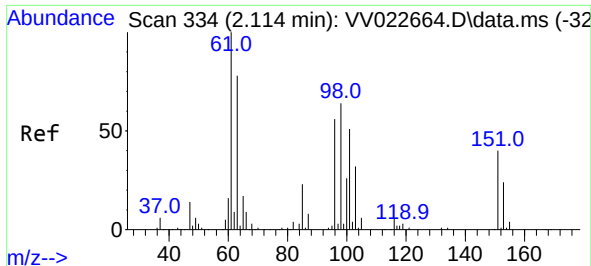
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022671.D
Acq On : 07 Oct 2021 18:41
Operator : SY/MD
Sample : M4051-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 08 04:03:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

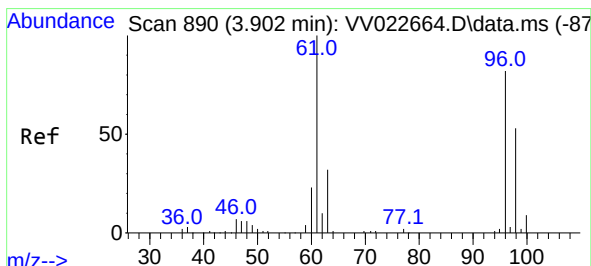
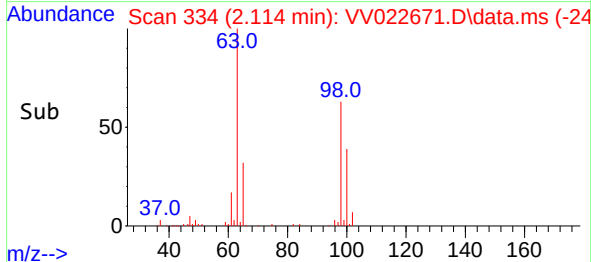
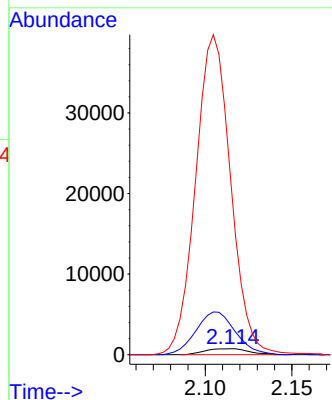
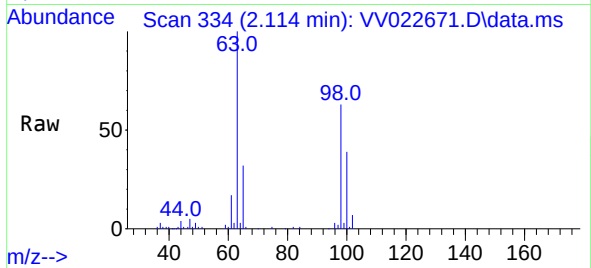




#12
1,1-Dichloroethene
Concen: 0.183 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

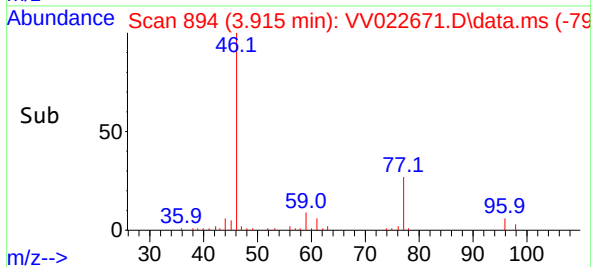
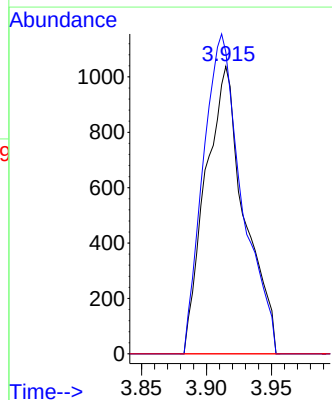
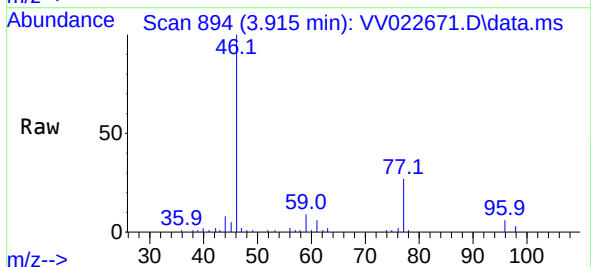
Instrument :
MSVOA_V
ClientSampled :

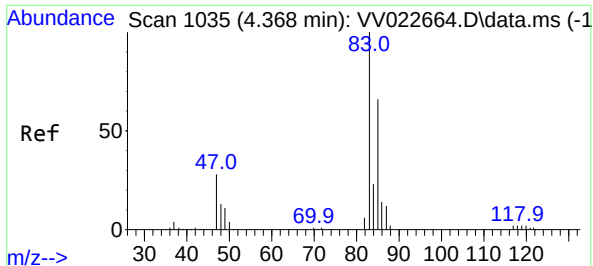
Tgt Ion: 96 Resp: 1290
Ion Ratio Lower Upper
96 100
61 507.7 127.3 236.5#
63 3052.6 106.2 197.2#



#22
cis-1,2-Dichloroethene
Concen: 0.270 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 96 Resp: 2168
Ion Ratio Lower Upper
96 100
61 105.0 86.0 159.6
68 0.0 0.0 0.0



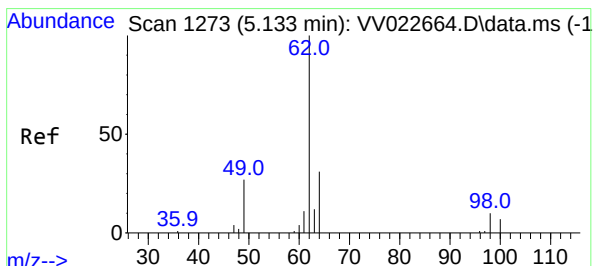
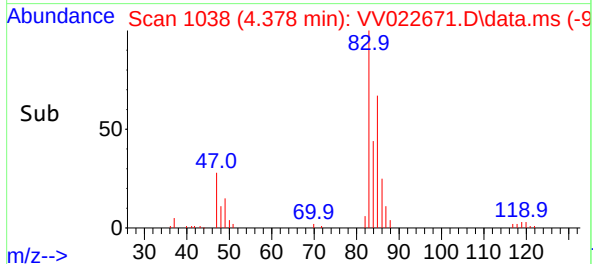
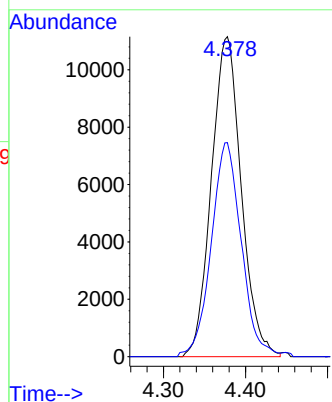
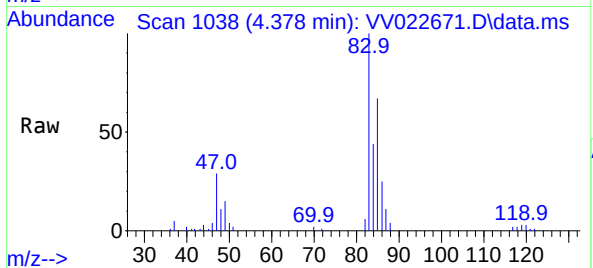


#25

Chloroform
Concen: 1.770 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Instrument :
MSVOA_V
ClientSampled :

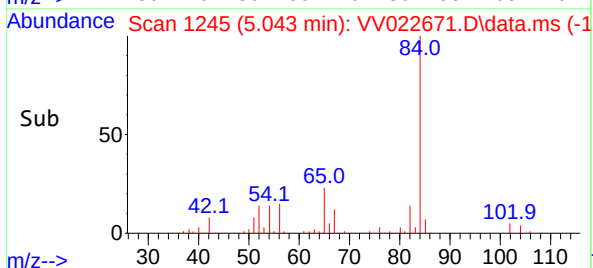
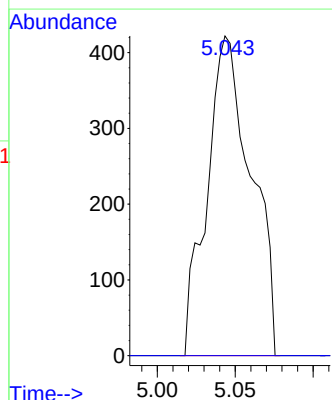
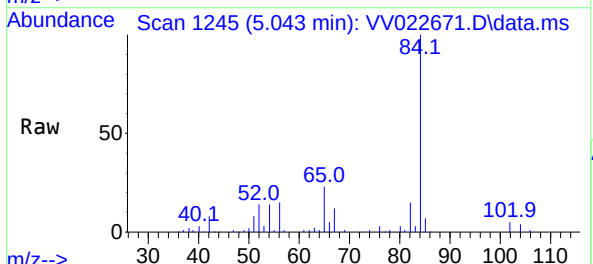
Tgt Ion: 83 Resp: 28268
Ion Ratio Lower Upper
83 100
85 66.9 45.7 84.9

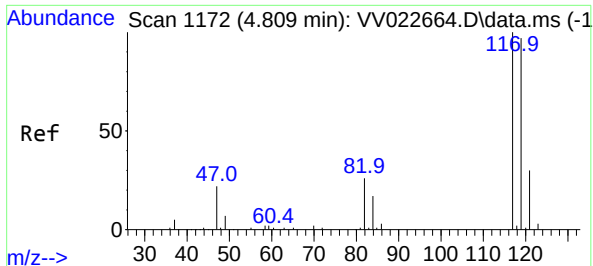


#27

1,2-Dichloroethane
Concen: 0.104 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.090 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 62 Resp: 833
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

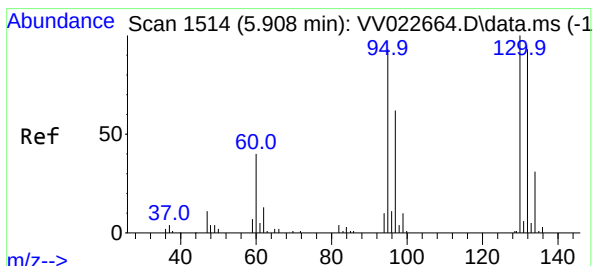
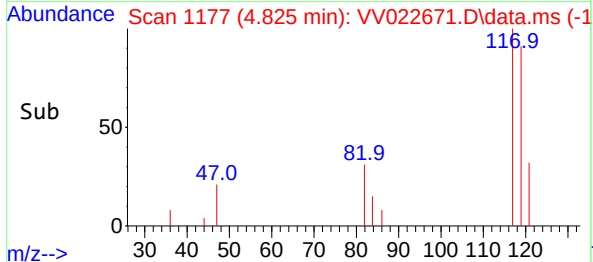
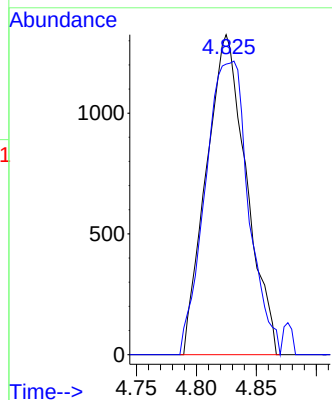
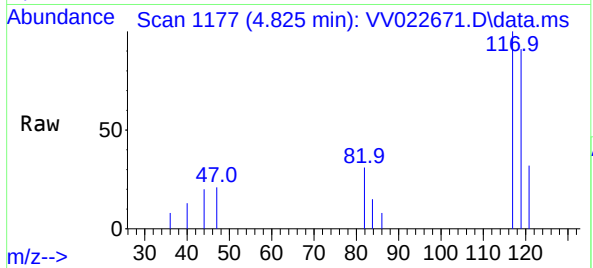




#31
Carbon tetrachloride
Concen: 0.265 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.016 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

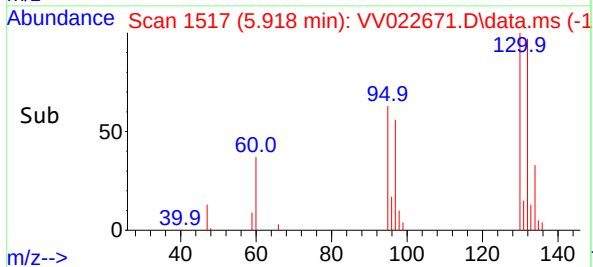
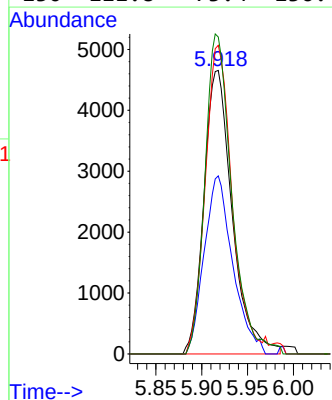
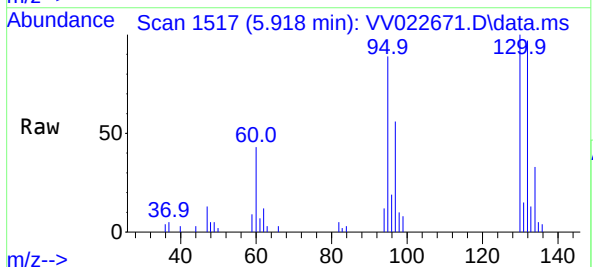
Instrument :
MSVOA_V
ClientSampleId :

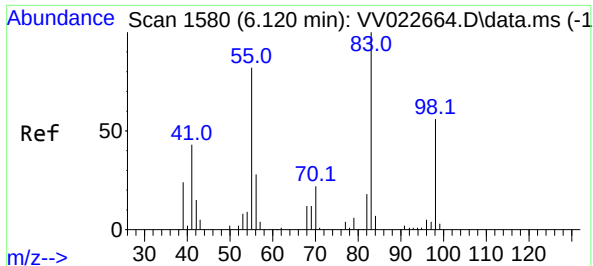
Tgt Ion:117 Resp: 3076
Ion Ratio Lower Upper
117 100
119 99.1 77.4 116.0



#34
Trichloroethene
Concen: 1.168 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 95 Resp: 10007
Ion Ratio Lower Upper
95 100
97 62.8 45.8 85.2
132 108.9 72.2 134.0
130 111.8 73.4 136.4

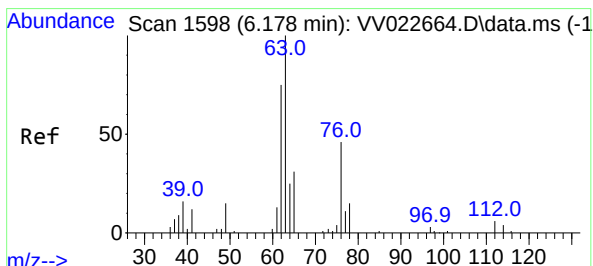
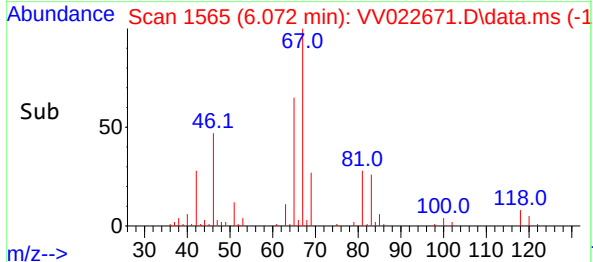
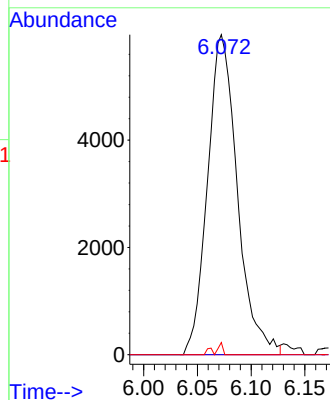
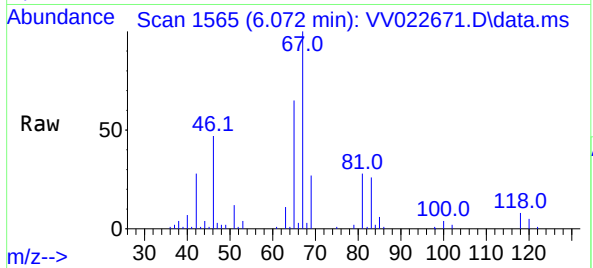




#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.048 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

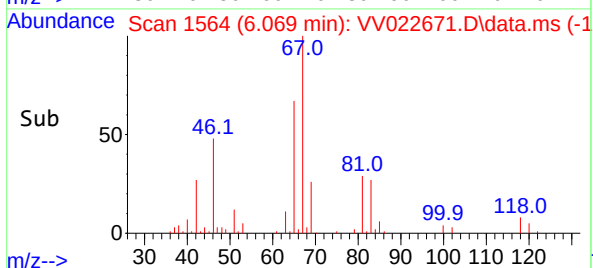
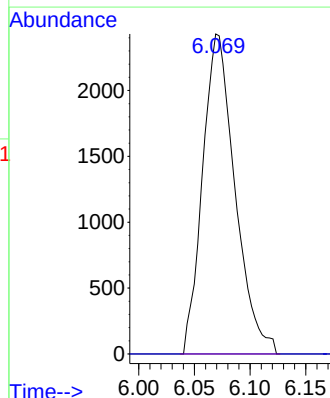
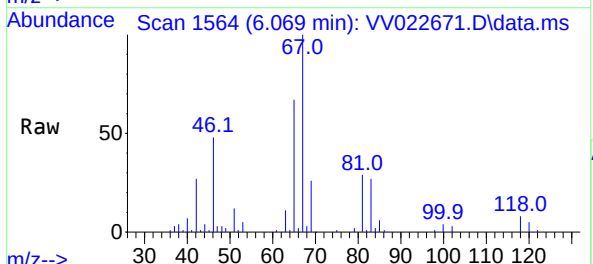
Instrument :
MSVOA_V
ClientSampled :

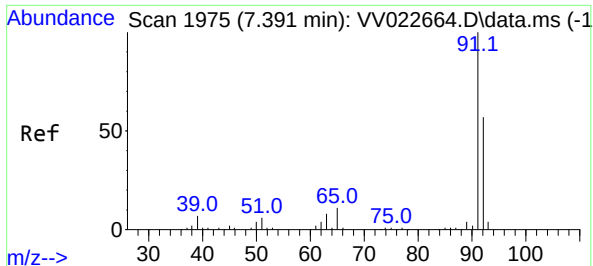
Tgt Ion: 83 Resp: 11520
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.6 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 63 Resp: 4925
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

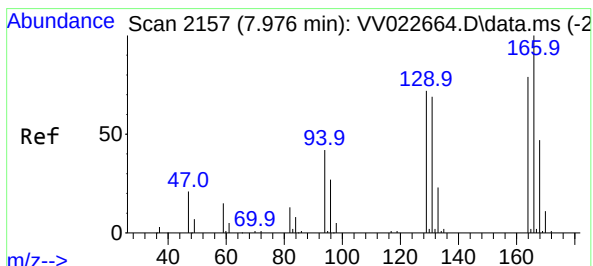
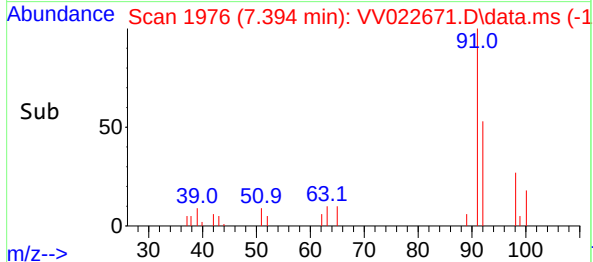
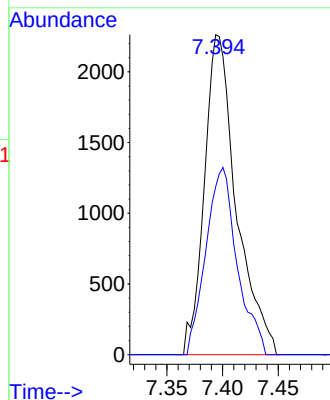
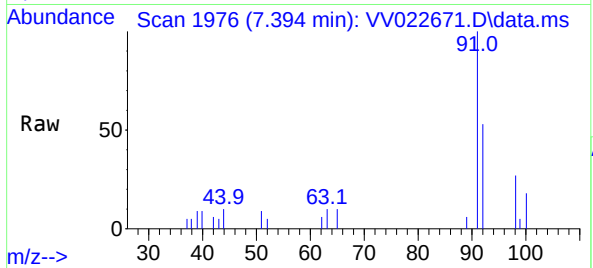




#42
Toluene
Concen: 0.141 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

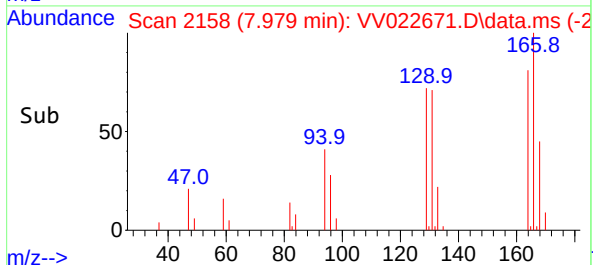
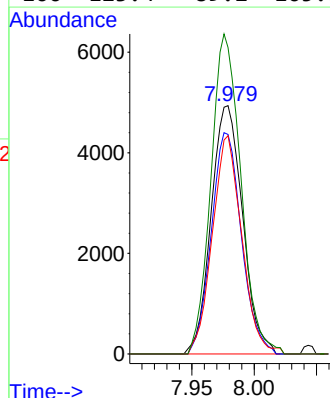
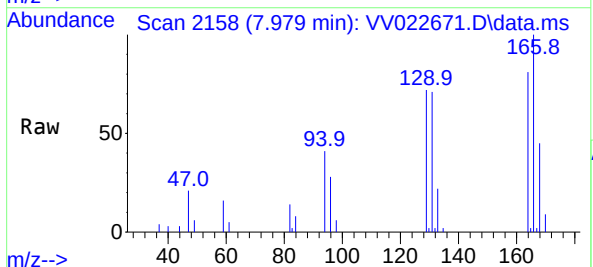
Instrument :
MSVOA_V
ClientSampled :

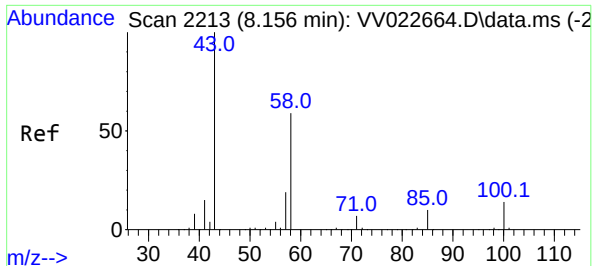
Tgt Ion: 91 Resp: 4519
Ion Ratio Lower Upper
91 100
92 52.5 40.7 75.7



#47
Tetrachloroethene
Concen: 1.251 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 164 Resp: 8667
Ion Ratio Lower Upper
164 100
129 88.5 65.0 120.6
131 87.9 62.2 115.4
166 123.4 89.2 165.8



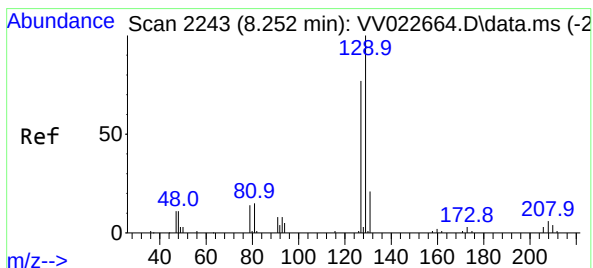
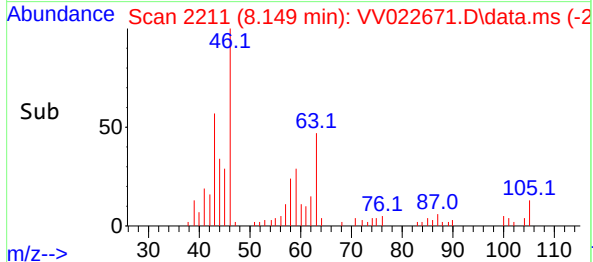
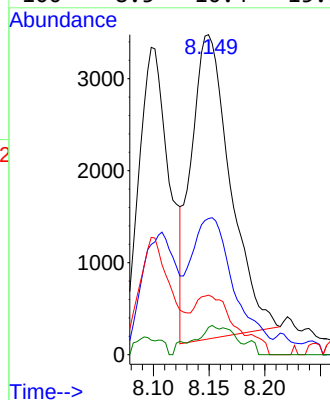
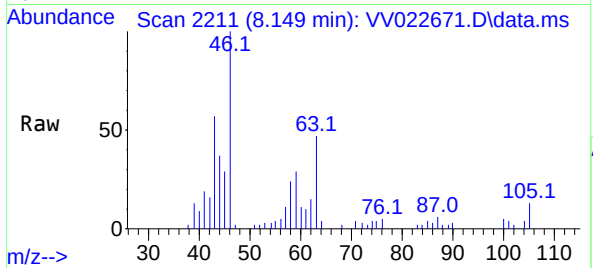


#48
2-Hexanone
Concen: 2.720 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 8095

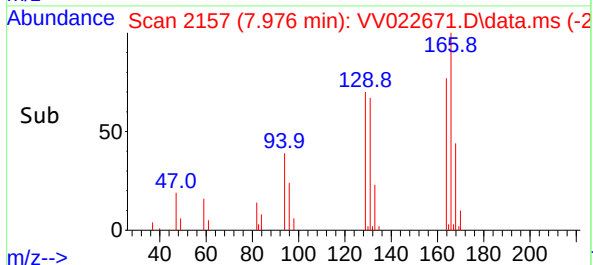
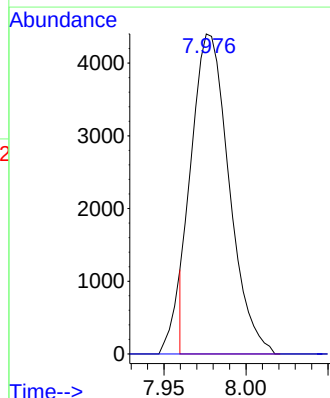
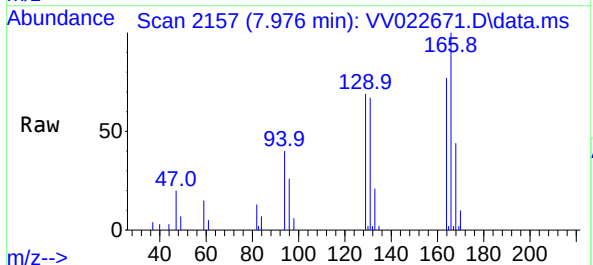
Ion	Ratio	Lower	Upper
43	100		
58	49.8	47.4	71.0
57	20.1	15.3	22.9
100	8.5	10.4	15.6#

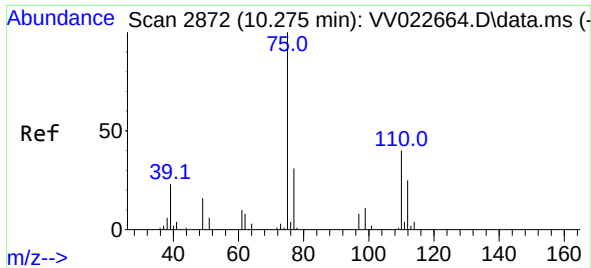


#49
Dibromochloromethane
Concen: 1.058 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.276 min
Lab File: VV022671.D
Acq: 07 Oct 2021 18:41

Tgt Ion: 129 Resp: 6960

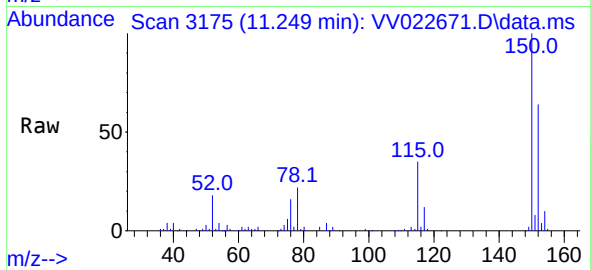
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.576 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022671.D
 Acq: 07 Oct 2021 18:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	5577
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.4	38.2
110	2.3	34.2	51.4#

