

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028553.D
 Acq On : 14 Oct 2022 17:14
 Operator : SY/MD
 Sample : VV1014WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK250

Quant Time: Oct 15 02:41:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:40:17 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

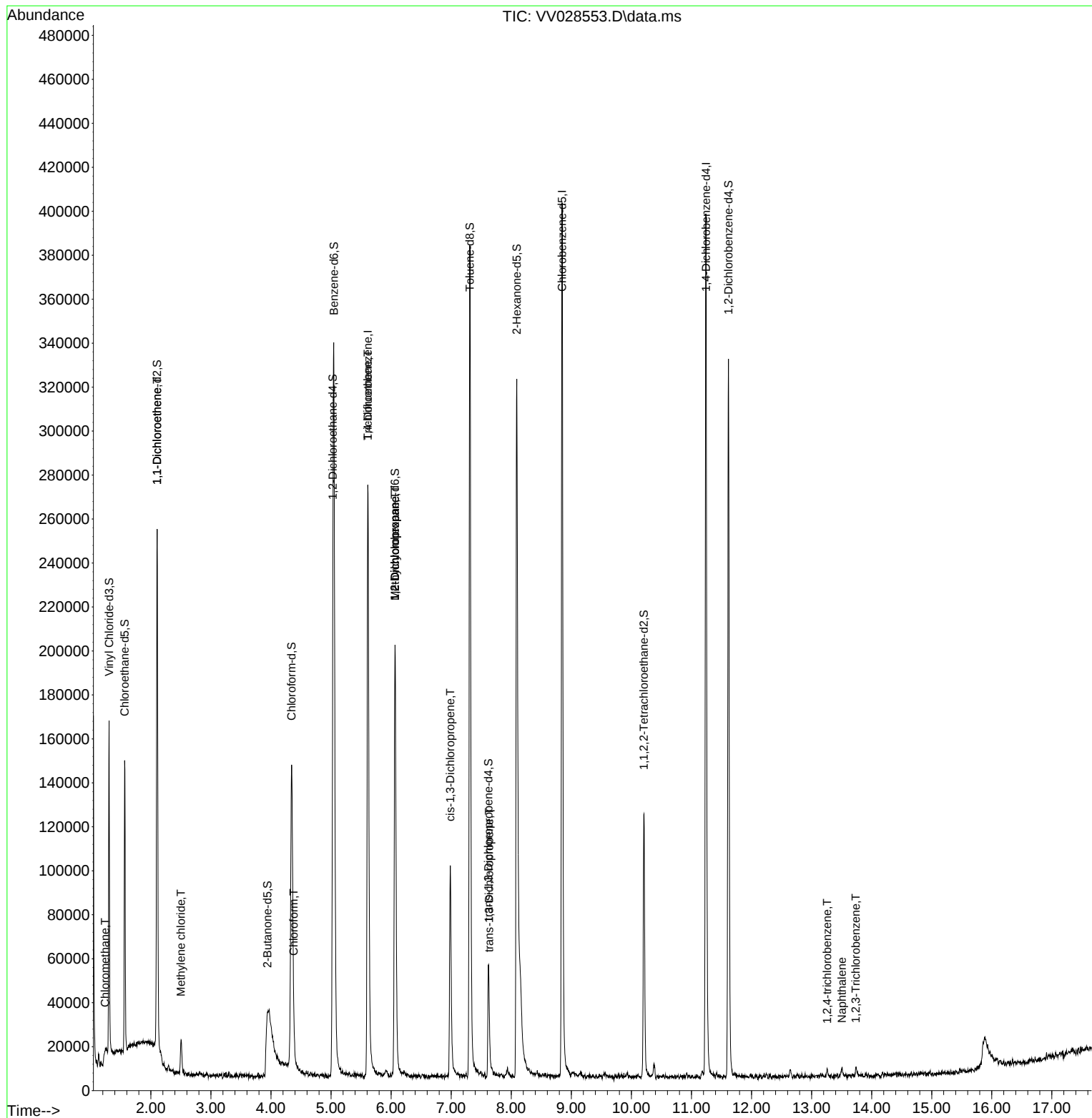
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	221023	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	206595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	93936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95223	5.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.564	69	82131	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.105	63	130545	3.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.941	46	33772	8.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	16.520%#
24) Chloroform-d	4.342	84	136894	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.031	65	73808	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.047	84	293653	4.402	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	97191	4.515	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.310	98	246614	4.666	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.619	79	31831	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	151556	48.284	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.560%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61301	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	78822	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	943	0.045	ug/L #	33
12) 1,1-Dichloroethene	2.105	96	1474	0.107	ug/L #	1
16) Methylene chloride	2.500	84	6122	0.316	ug/L	90
25) Chloroform	4.378	83	8214	0.269	ug/L	93
34) Trichloroethene	5.613	95	6199	0.356	ug/L #	7
35) Methylcyclohexane	6.066	83	21684	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	11065	0.596	ug/L #	88
39) cis-1,3-Dichloropropene	6.985	75	2934	0.119	ug/L #	66
44) trans-1,3-Dichloropropene	7.632	75	1759	0.093	ug/L	94
70) 1,2,4-trichlorobenzene	13.259	180	909	0.056	ug/L	96
71) Naphthalene	13.506	128	2772	0.115	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.738	180	744	0.056	ug/L #	78

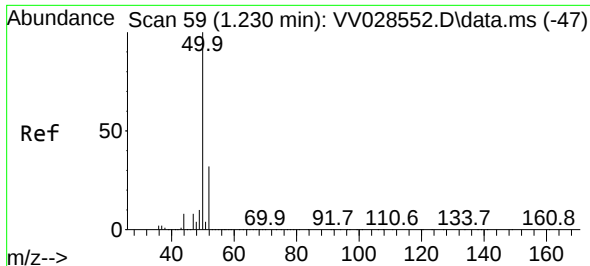
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

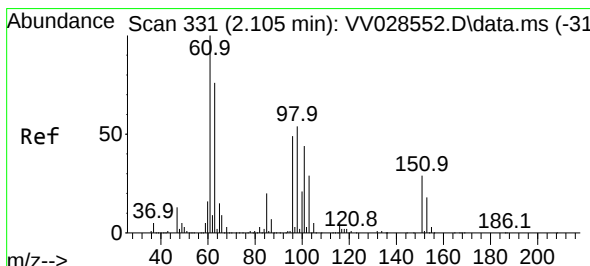
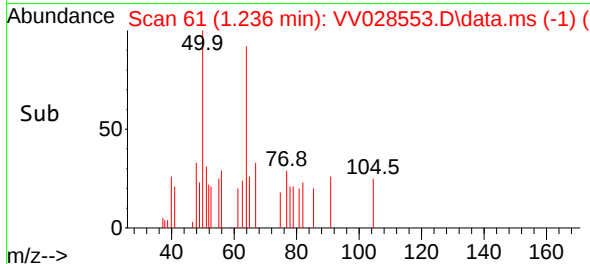
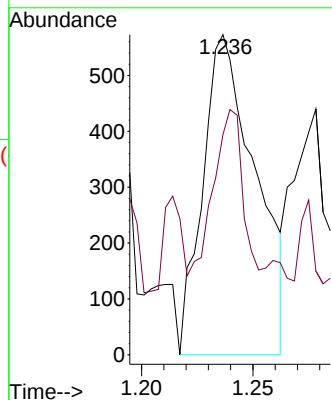
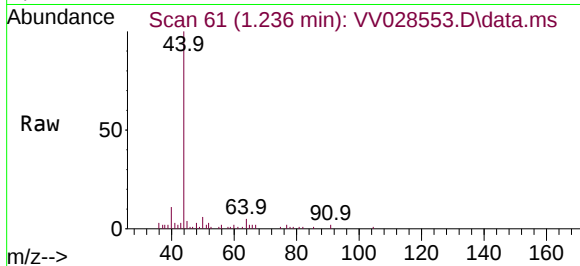




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

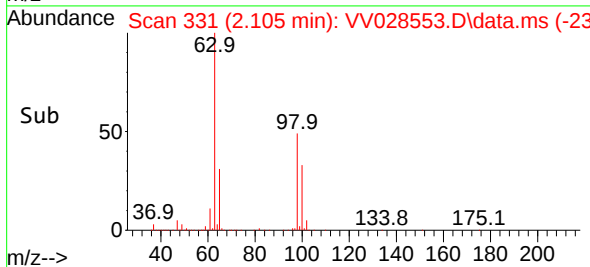
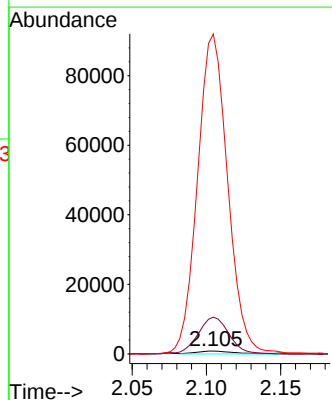
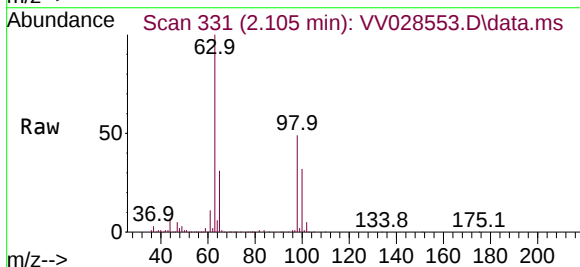
Instrument :
MSVOA_V
ClientSampleId :
VBLK250

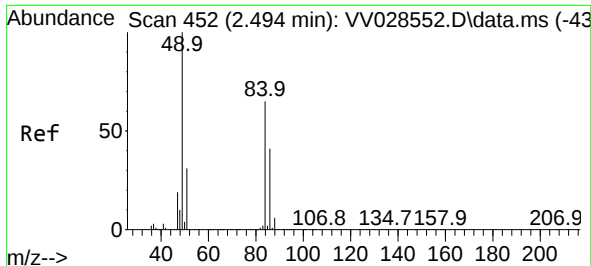
Tgt Ion: 50 Resp: 943
Ion Ratio Lower Upper
50 100
52 68.8 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.107 ug/L
RT: 2.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

Tgt Ion: 96 Resp: 1474
Ion Ratio Lower Upper
96 100
61 1238.6 142.9 265.5#
63 10771.9 102.3 190.1#

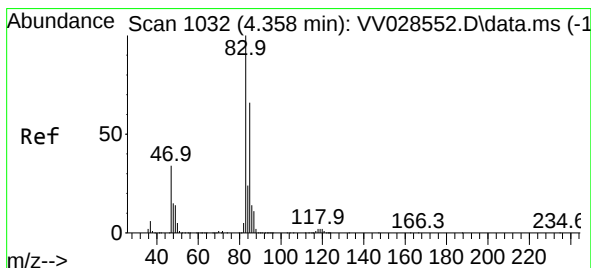
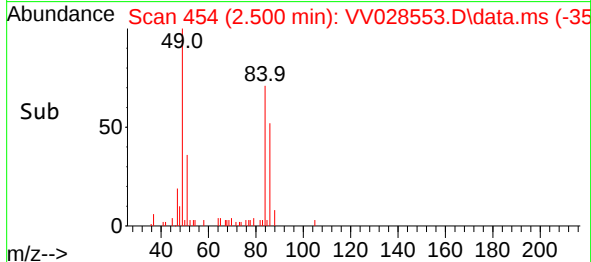
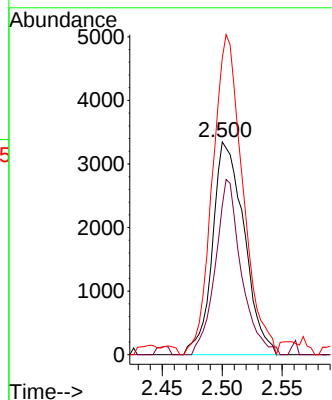
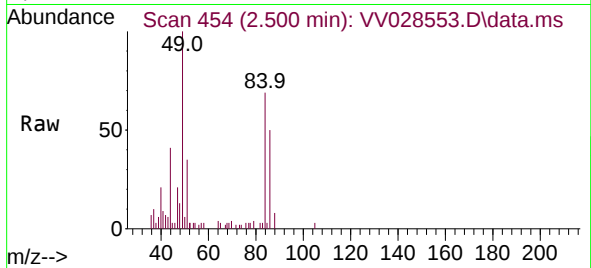




#16
Methylene chloride
Concen: 0.316 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

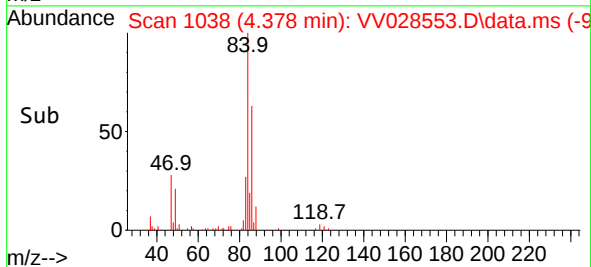
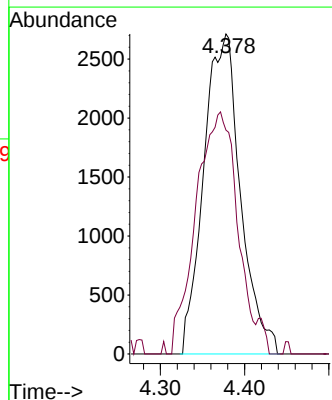
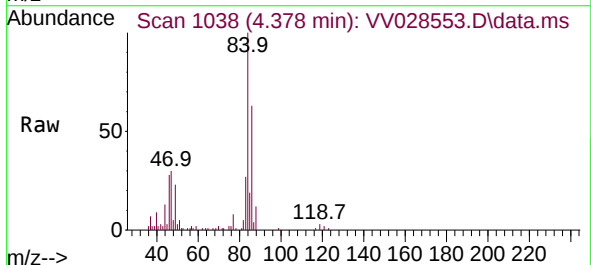
Instrument :
MSVOA_V
ClientSampleId :
VBLK250

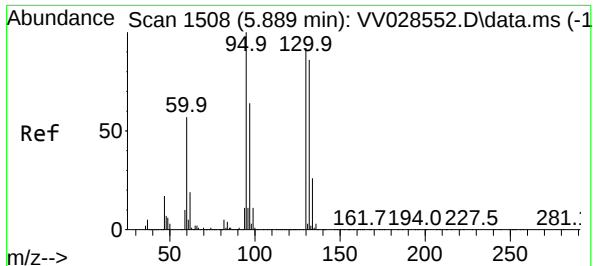
Tgt Ion: 84 Resp: 6122
Ion Ratio Lower Upper
84 100
86 70.0 42.8 79.6
49 139.4 106.4 197.6



#25
Chloroform
Concen: 0.269 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.019 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

Tgt Ion: 83 Resp: 8214
Ion Ratio Lower Upper
83 100
85 70.0 45.1 83.9

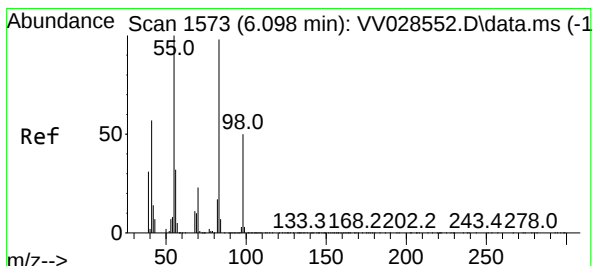
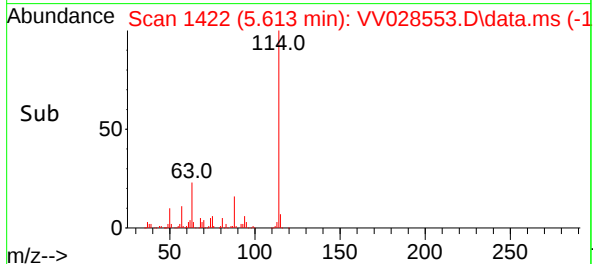
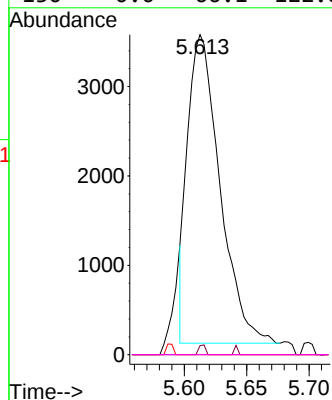
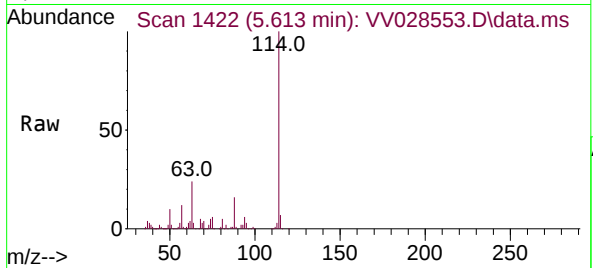




#34
Trichloroethene
Concen: 0.356 ug/L
RT: 5.613 min Scan# 1422
Delta R.T. -0.276 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

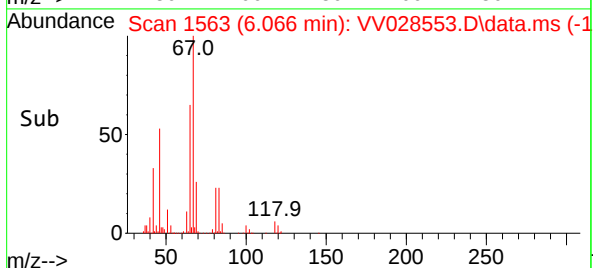
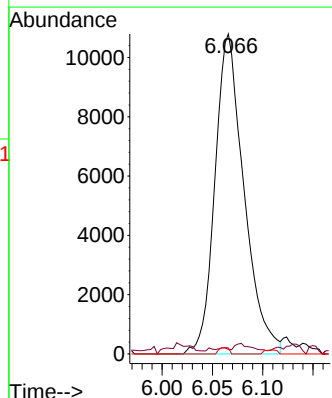
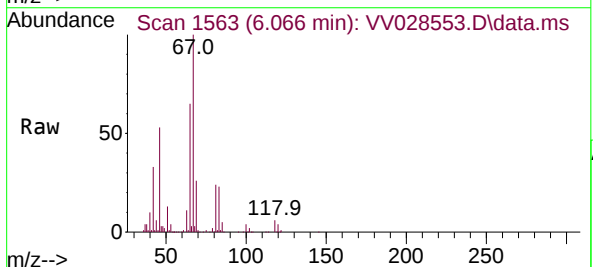
Instrument :
MSVOA_V
ClientSampleId :
VBLK250

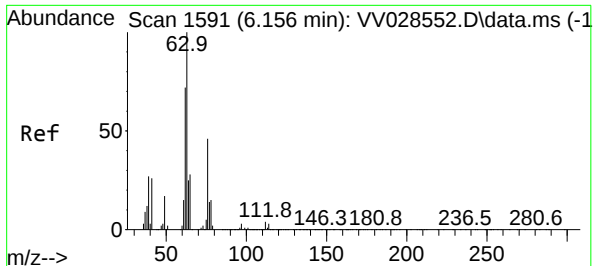
Tgt Ion:	95	Resp:	6199
Ion	Ratio	Lower	Upper
95	100		
97	2.8	46.2	85.8#
132	0.0	65.1	120.9#
130	0.0	66.1	122.8#



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.032 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

Tgt Ion:	83	Resp:	21684
Ion	Ratio	Lower	Upper
83	100		
55	0.8	65.0	97.6#
98	0.7	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.066 min Scan# 11065

Delta R.T. -0.090 min

Lab File: VV028553.D

Acq: 14 Oct 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

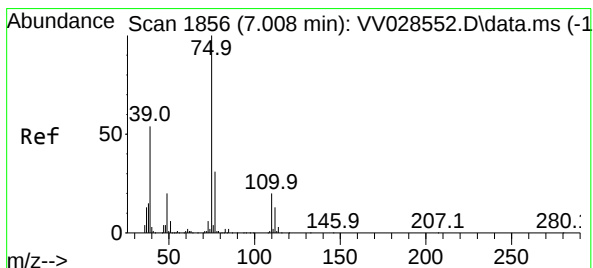
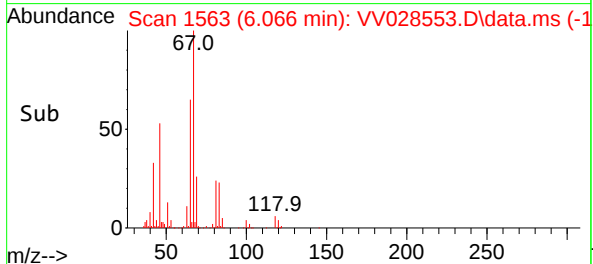
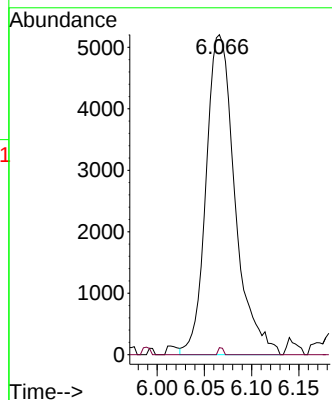
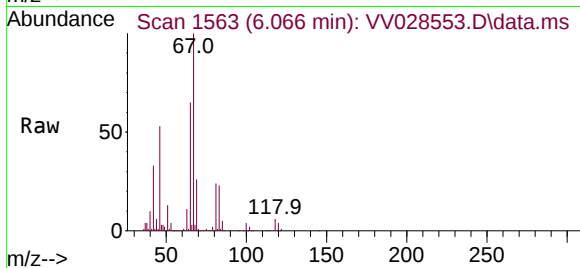
VBLK250

Tgt Ion: 63 Resp: 11065

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.022 min

Lab File: VV028553.D

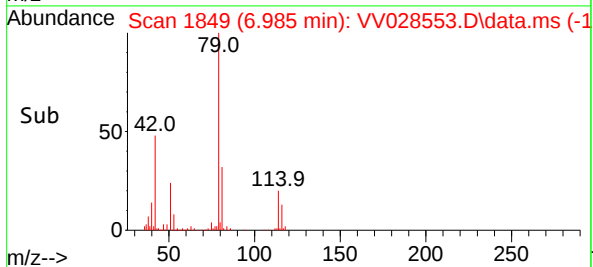
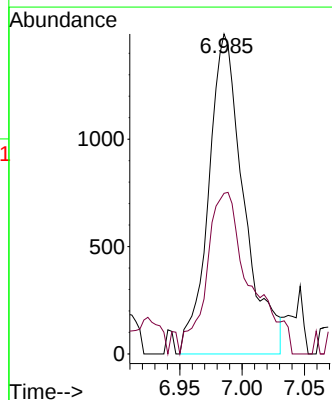
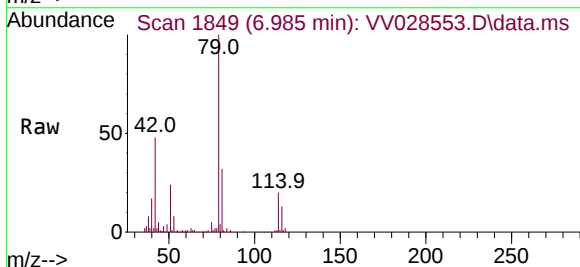
Acq: 14 Oct 2022 17:14

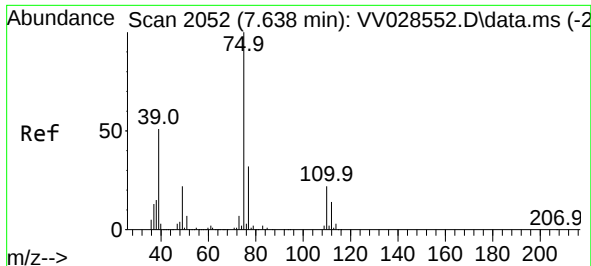
Tgt Ion: 75 Resp: 2934

Ion Ratio Lower Upper

75 100

77 50.2 22.1 41.1#

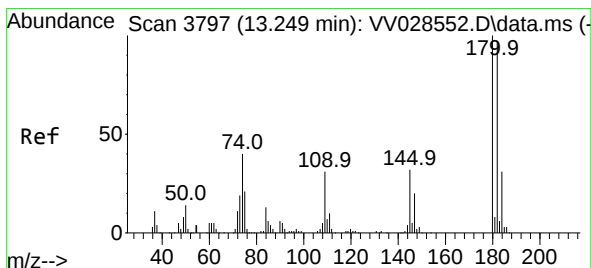
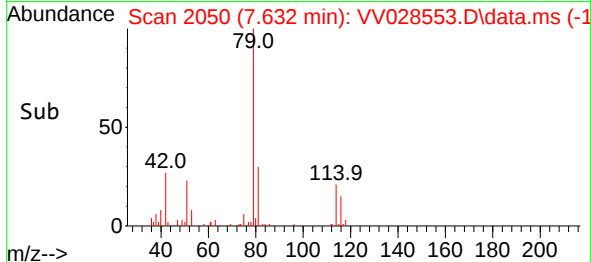
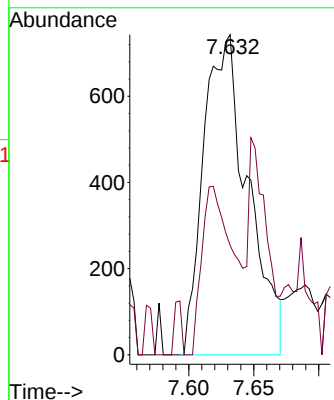
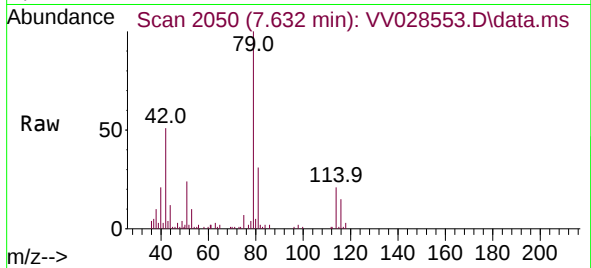




#44
trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.632 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

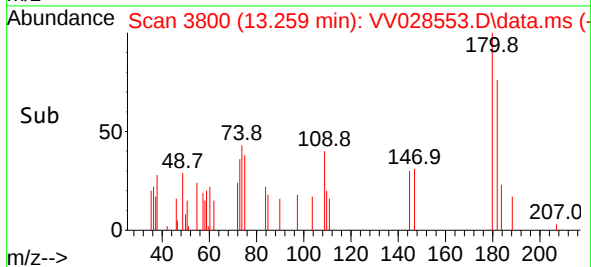
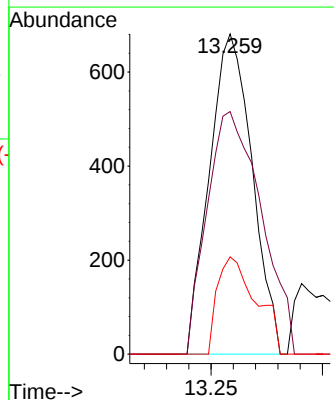
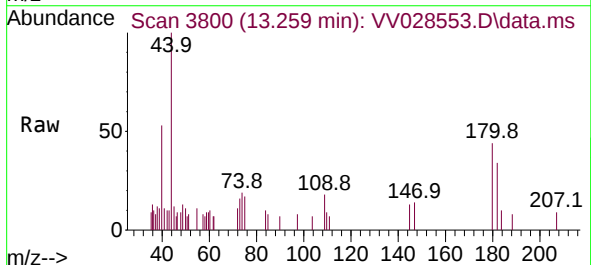
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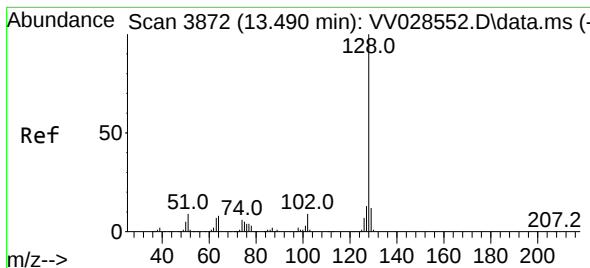
Tgt Ion: 75 Resp: 1759
Ion Ratio Lower Upper
75 100
77 34.2 21.7 40.3



#70
1,2,4-trichlorobenzene
Concen: 0.056 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.010 min
Lab File: VV028553.D
Acq: 14 Oct 2022 17:14

Tgt Ion: 180 Resp: 909
Ion Ratio Lower Upper
180 100
182 95.9 74.2 111.2
145 27.5 25.3 37.9





#71

Naphthalene

Concen: 0.115 ug/L

RT: 13.506 min Scan# 3872

Delta R.T. 0.016 min

Lab File: VV028553.D

Acq: 14 Oct 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :

VBLK250

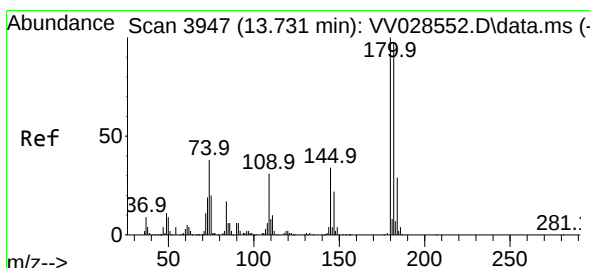
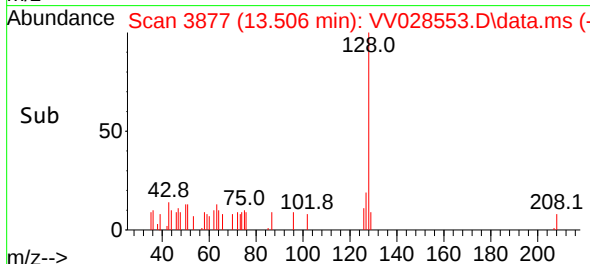
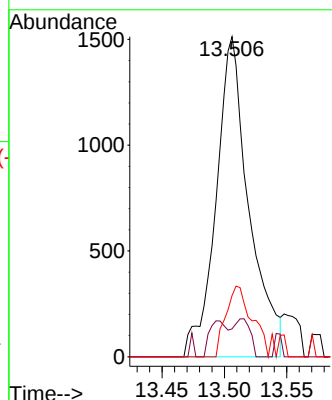
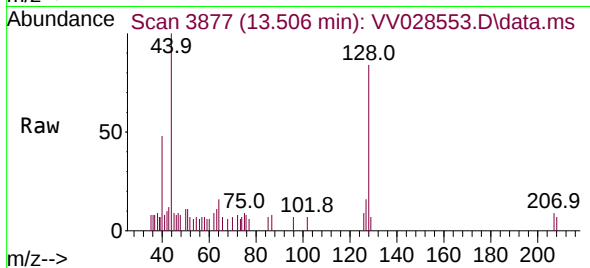
Tgt Ion:128 Resp: 2772

Ion Ratio Lower Upper

128 100

129 6.2 9.0 13.6#

127 17.5 10.1 15.1#



#72

1,2,3-Trichlorobenzene

Concen: 0.056 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. 0.007 min

Lab File: VV028553.D

Acq: 14 Oct 2022 17:14

Tgt Ion:180 Resp: 744

Ion Ratio Lower Upper

180 100

182 123.4 76.3 114.5#

145 34.3 25.8 38.8

