

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031018.D
 Acq On : 15 May 2023 09:48
 Operator : SY/MD
 Sample : VV0511WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK336

Quant Time: May 15 12:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

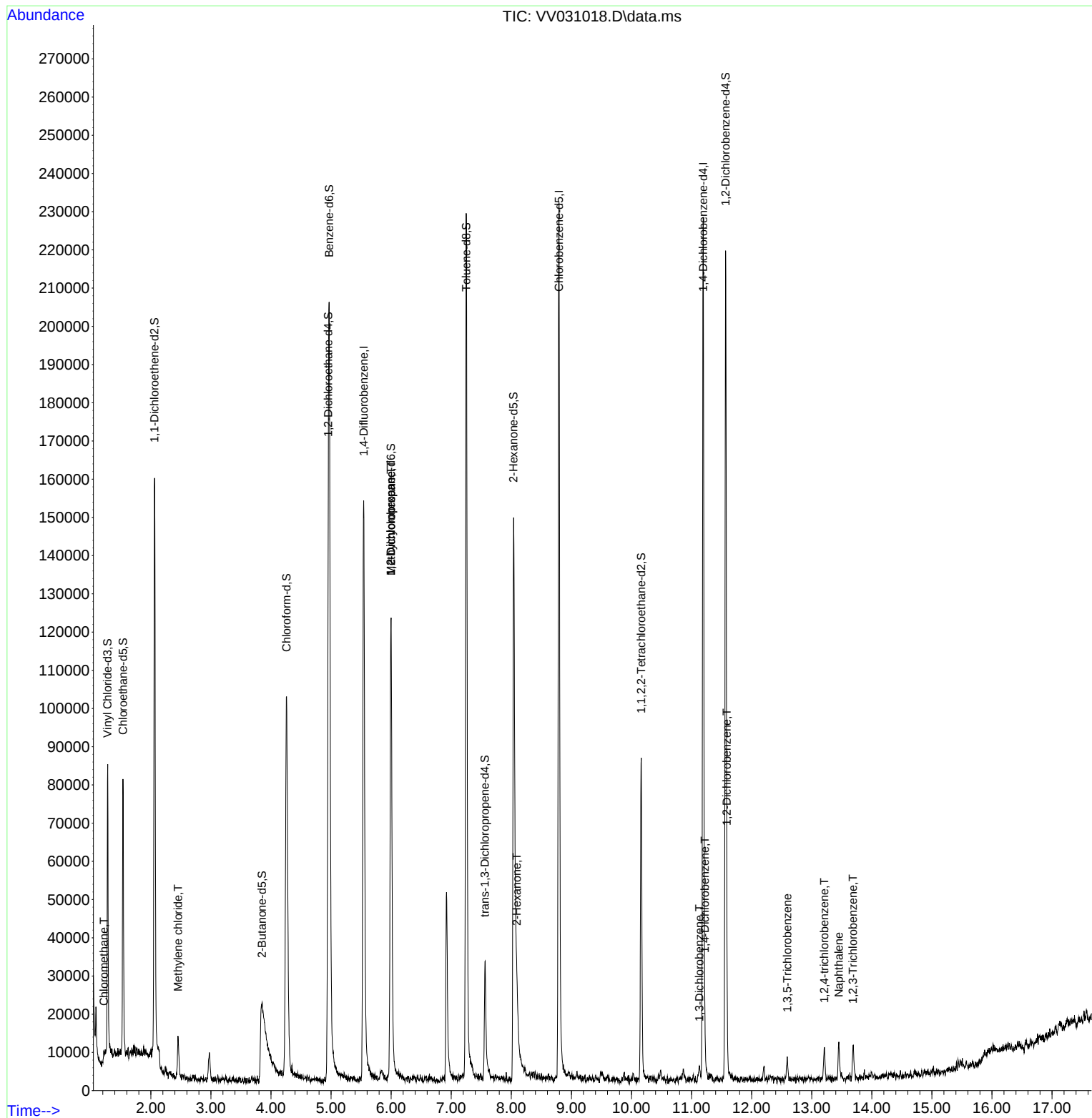
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	133627	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	128102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47551	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.535	69	44622	4.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.059	65	24729	4.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.850	46	75417	38.630	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.260%
24) Chloroform-d	4.259	84	103703	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	54687	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.966	84	178621	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	53555	4.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.249	98	156025	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.561	79	19153	4.680	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.037	63	59149	41.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36540	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	56464	4.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1343	0.108	ug/L	90
16) Methylene chloride	2.452	84	4379	0.430	ug/L	94
35) Methylcyclohexane	5.995	83	14507	1.090	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	7284	0.953	ug/L #	86
48) 2-Hexanone	8.091	43	10828	3.565	ug/L #	89
64) 1,3-Dichlorobenzene	11.130	146	1228	0.069	ug/L #	90
65) 1,4-Dichlorobenzene	11.220	146	1531	0.086	ug/L #	71
67) 1,2-Dichlorobenzene	11.586	146	1603	0.101	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.593	180	1939	0.138	ug/L	88
70) 1,2,4-trichlorobenzene	13.210	180	2728	0.253	ug/L	86
71) Naphthalene	13.451	128	7241	0.469	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	2591	0.284	ug/L	88

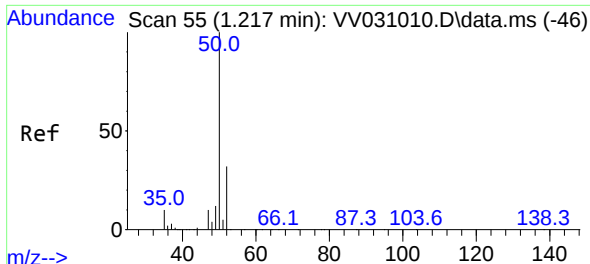
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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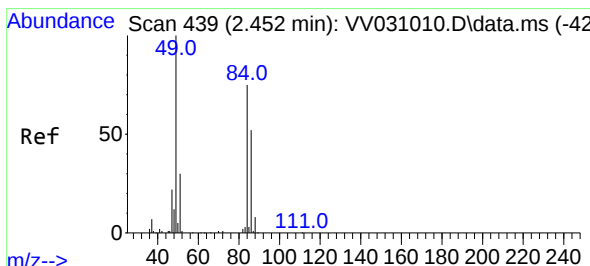
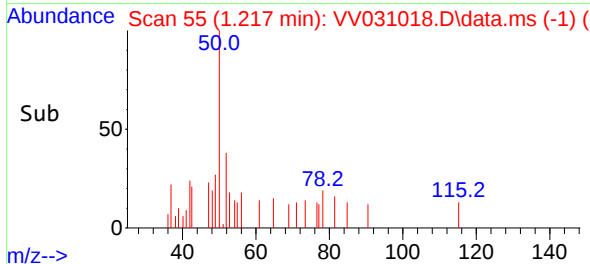
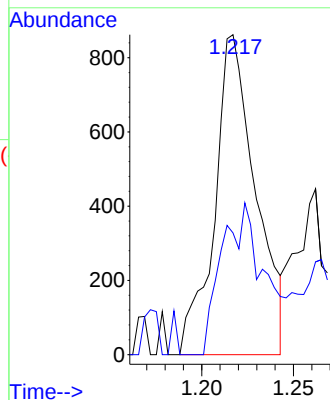
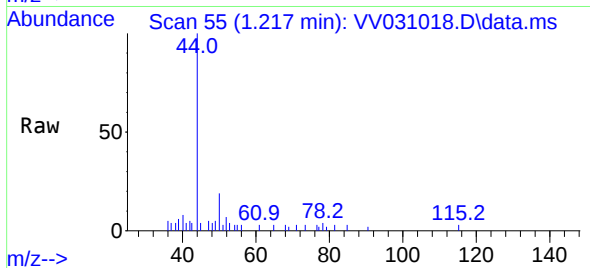




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

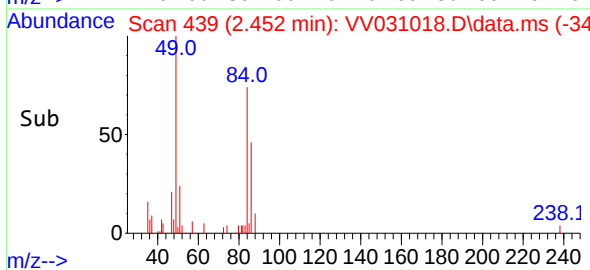
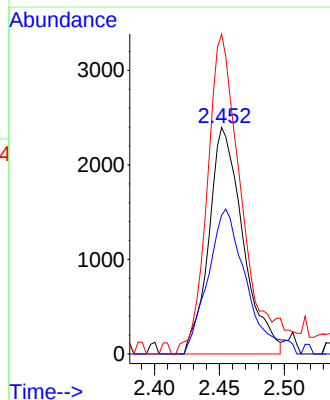
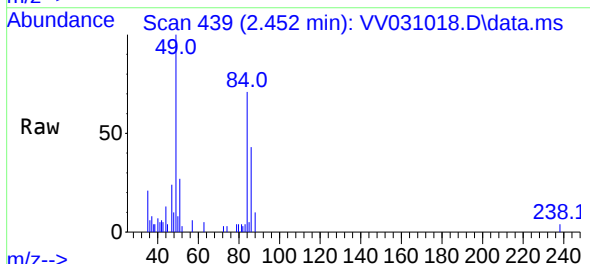
Instrument :
MSVOA_V
ClientSampleId :
VBLK336

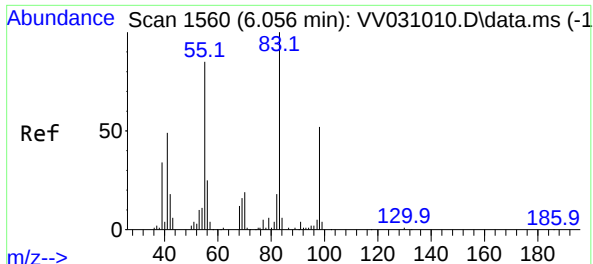
Tgt Ion: 50 Resp: 1343
Ion Ratio Lower Upper
50 100
52 38.1 22.8 42.4



#16
Methylene chloride
Concen: 0.430 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Tgt Ion: 84 Resp: 4379
Ion Ratio Lower Upper
84 100
86 61.4 46.1 85.5
49 141.4 94.3 175.1

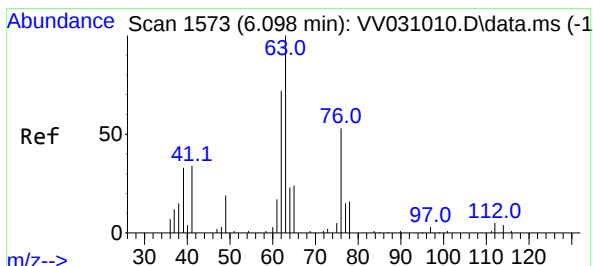
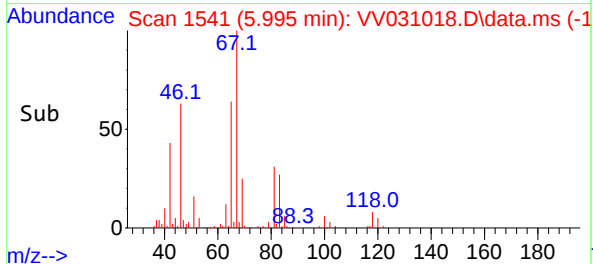
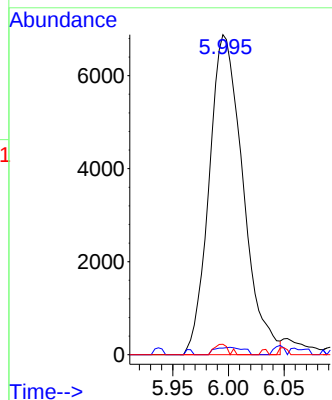
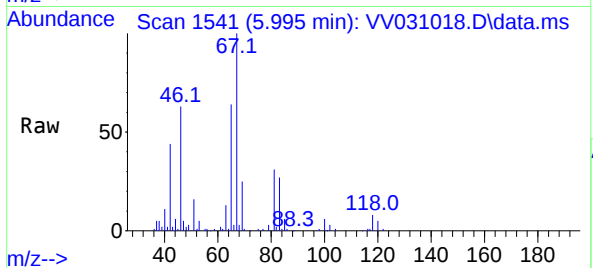




#35
Methylcyclohexane
Concen: 1.090 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

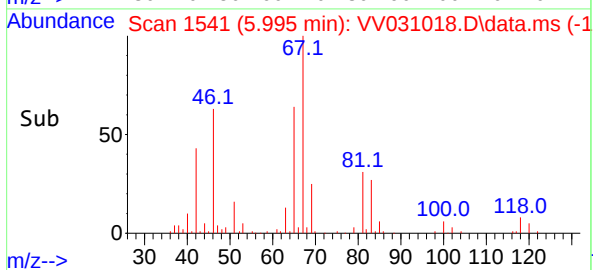
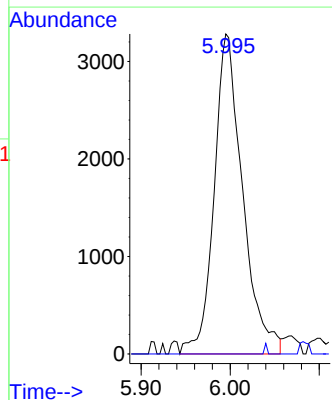
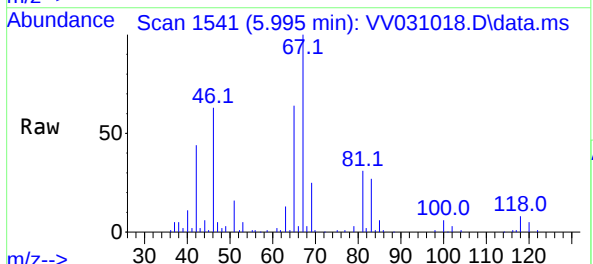
Instrument :
MSVOA_V
ClientSampleId :
VBLK336

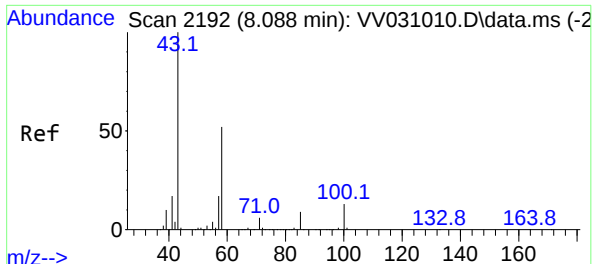
Tgt Ion: 83 Resp: 14507
Ion Ratio Lower Upper
83 100
55 1.9 62.9 94.3#
98 1.4 40.5 60.7#



#37
1,2-Dichloropropane
Concen: 0.953 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.106 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Tgt Ion: 63 Resp: 7284
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



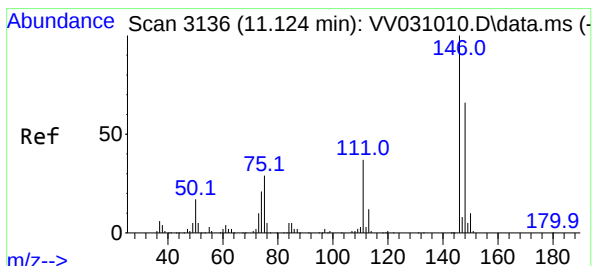
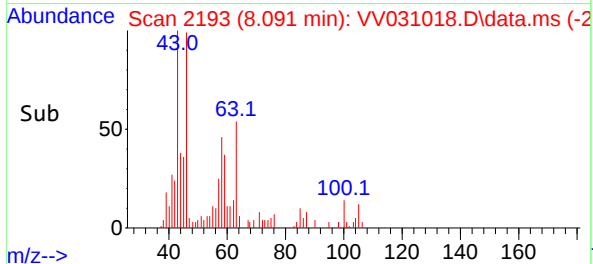
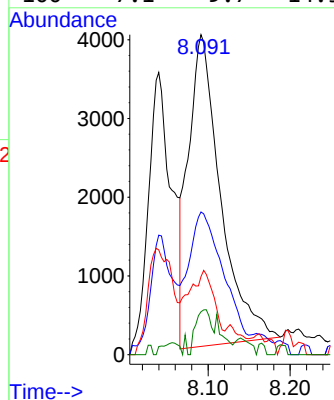
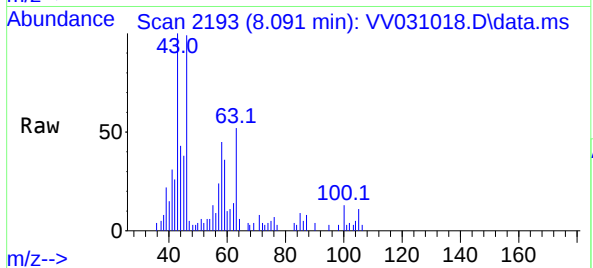


#48
2-Hexanone
Concen: 3.565 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.006 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Instrument :
MSVOA_V
ClientSampleId :
VBLK336

Tgt Ion: 43 Resp: 10828

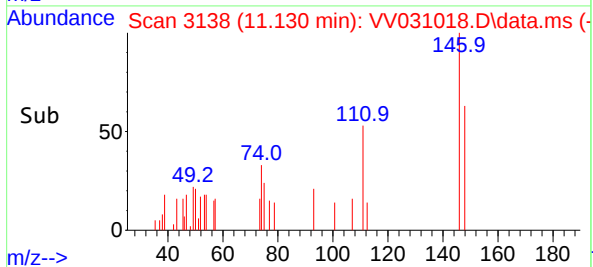
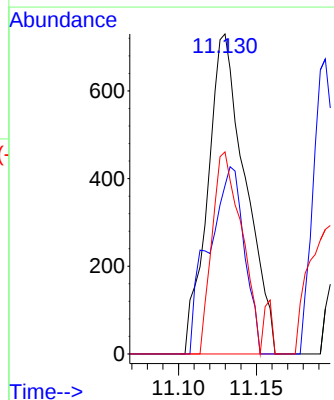
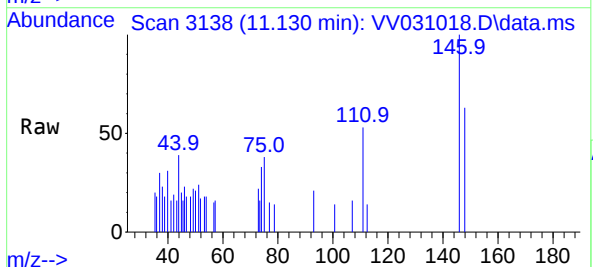
Ion	Ratio	Lower	Upper
43	100		
58	42.5	39.9	59.9
57	23.0	14.1	21.1#
100	7.1	9.7	14.5#

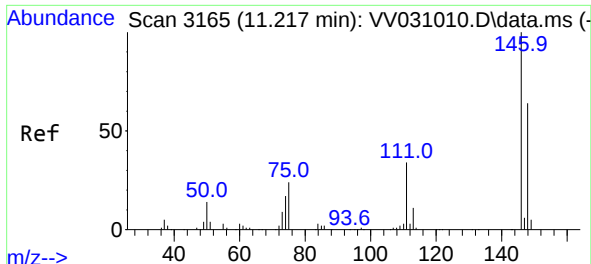


#64
1,3-Dichlorobenzene
Concen: 0.069 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.006 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Tgt Ion: 146 Resp: 1228

Ion	Ratio	Lower	Upper
146	100		
111	52.6	26.5	49.3#
148	63.2	43.4	80.6

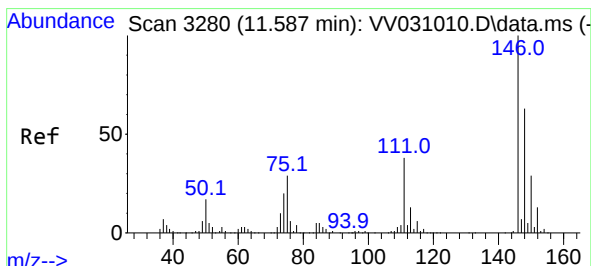
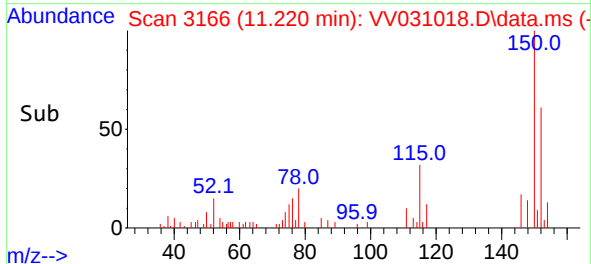
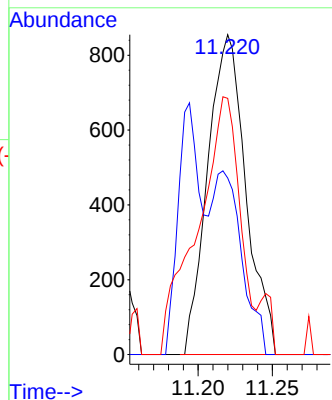
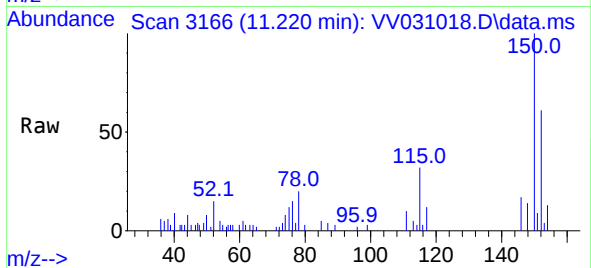




#65
1,4-Dichlorobenzene
Concen: 0.086 ug/L
RT: 11.220 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

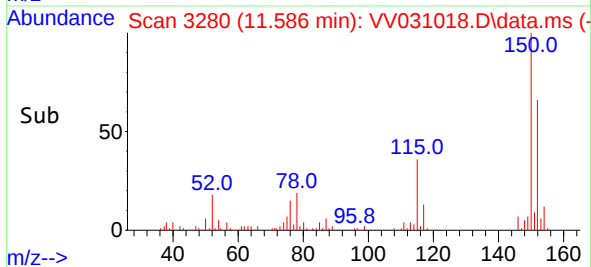
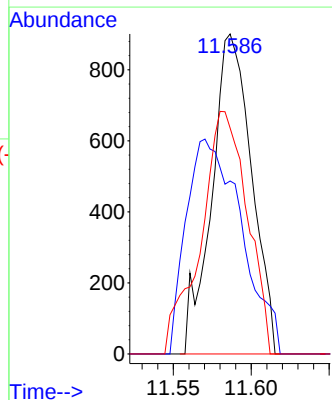
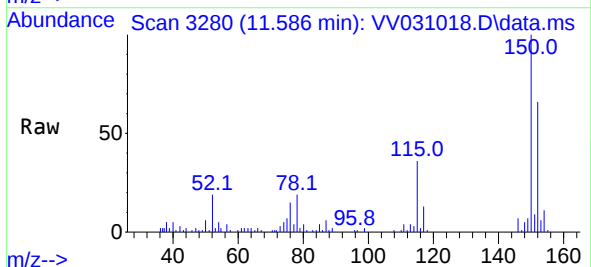
Instrument :
MSVOA_V
ClientSampleId :
VBLK336

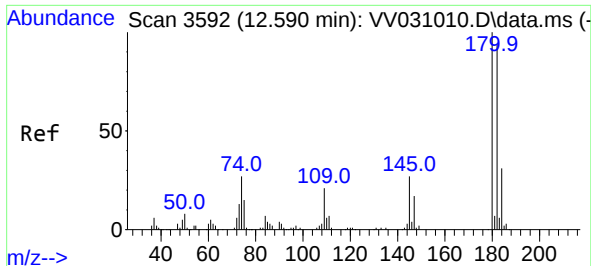
Tgt Ion:146 Resp: 1531
Ion Ratio Lower Upper
146 100
111 55.2 23.9 44.5#
148 80.1 42.8 79.6#



#67
1,2-Dichlorobenzene
Concen: 0.101 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Tgt Ion:146 Resp: 1603
Ion Ratio Lower Upper
146 100
111 54.1 34.0 51.0#
148 70.6 53.8 80.6





#69

1,3,5-Trichlorobenzene

Concen: 0.138 ug/L

RT: 12.593 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031018.D

Acq: 15 May 2023 09:48

Instrument :

MSVOA_V

ClientSampleId :

VBLK336

Tgt Ion:180 Resp: 1939

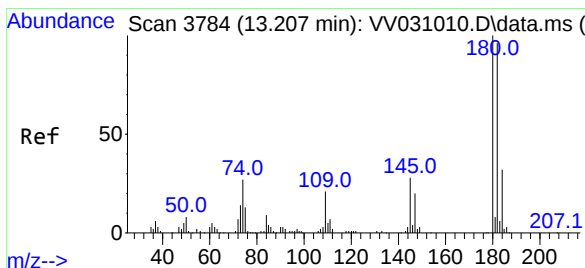
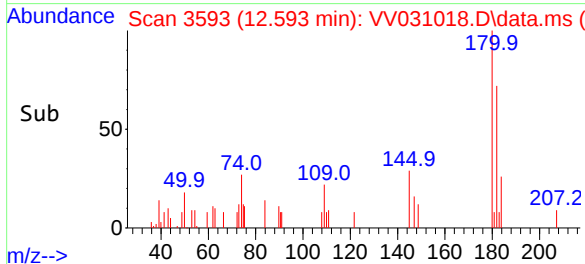
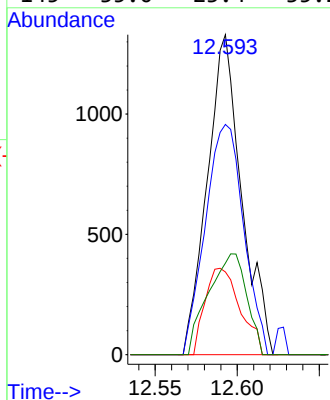
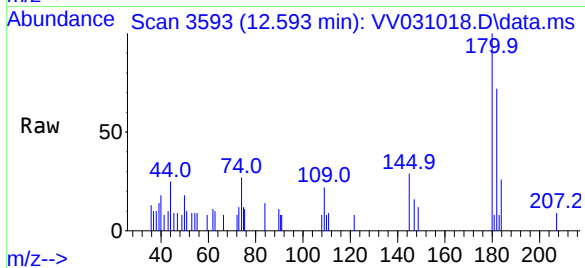
Ion Ratio Lower Upper

180 100

182 80.0 75.1 112.7

184 27.5 24.1 36.1

145 35.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.253 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV031018.D

Acq: 15 May 2023 09:48

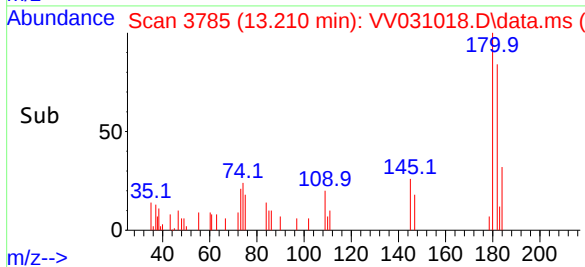
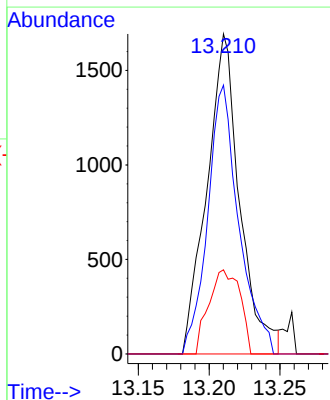
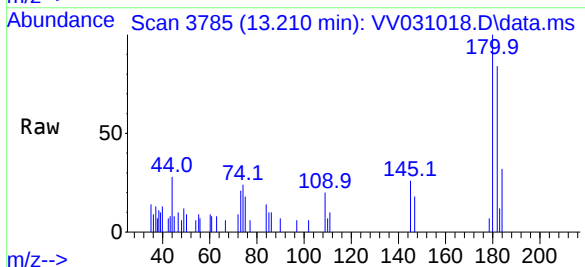
Tgt Ion:180 Resp: 2728

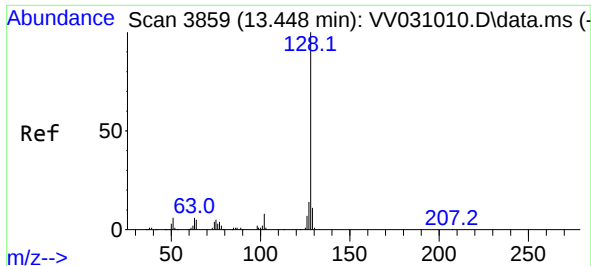
Ion Ratio Lower Upper

180 100

182 79.5 76.0 114.0

145 24.9 22.9 34.3

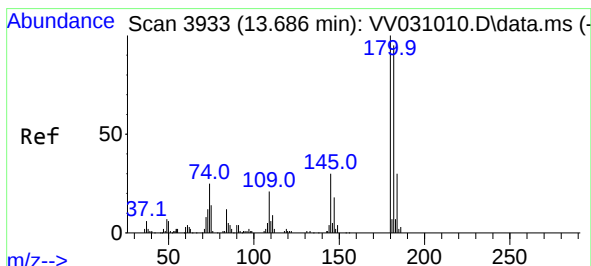
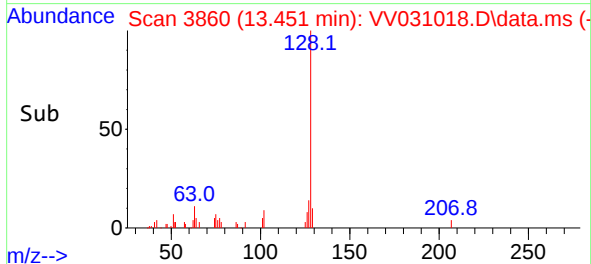
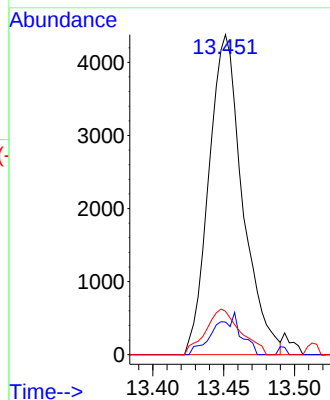
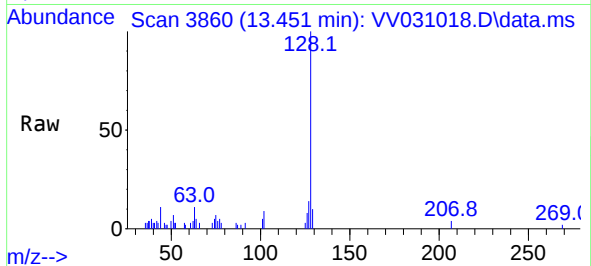




#71
Naphthalene
Concen: 0.469 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Instrument :
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Tgt Ion:	128	Resp:	7241
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	14.8	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.284 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.003 min
Lab File: VV031018.D
Acq: 15 May 2023 09:48

Tgt Ion:	180	Resp:	2591
Ion	Ratio	Lower	Upper
180	100		
182	109.5	77.3	115.9
145	35.2	24.7	37.1

