

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052723\
 Data File : VV031253.D
 Acq On : 26 May 2023 18:01
 Operator : SY/MD
 Sample : VV0527WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK343

Quant Time: May 27 01:46:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 27 01:45:01 2023
 Response via : Initial Calibration

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

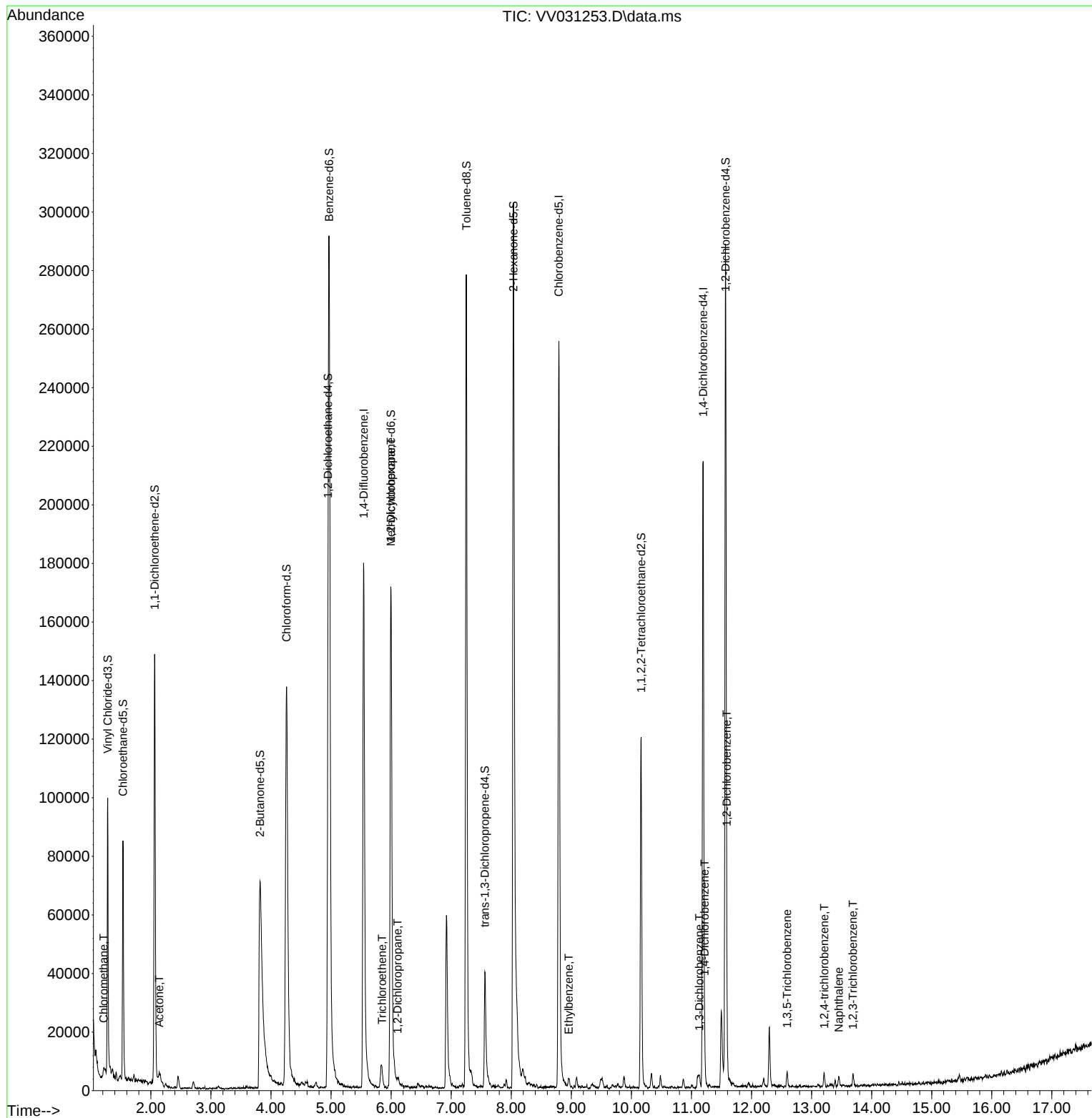
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61357	3.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.535	69	53142	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.063	65	26786	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.818	46	174398	49.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	4.259	84	148139	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.950	65	78030	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.969	84	258212	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	5.995	67	89508	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.252	98	189562	3.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.561	79	26954	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.037	63	109321	43.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	57569	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	69190	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1845	0.104	ug/L	95
13) Acetone	2.140	43	4470	1.619	ug/L	64
34) Trichloroethene	5.850	95	1099	0.080	ug/L #	74
35) Methylcyclohexane	5.998	83	21422	1.129	ug/L #	13
37) 1,2-Dichloropropane	6.108	63	916	0.061	ug/L #	94
52) Ethylbenzene	8.956	91	2474	0.045	ug/L	96
64) 1,3-Dichlorobenzene	11.133	146	1621	0.084	ug/L	94
65) 1,4-Dichlorobenzene	11.220	146	1568	0.080	ug/L	92
67) 1,2-Dichlorobenzene	11.586	146	1796	0.098	ug/L #	67
69) 1,3,5-Trichlorobenzene	12.590	180	1698	0.109	ug/L	92
70) 1,2,4-trichlorobenzene	13.210	180	1594	0.128	ug/L #	78
71) Naphthalene	13.455	128	2795	0.152	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	1284	0.120	ug/L #	86

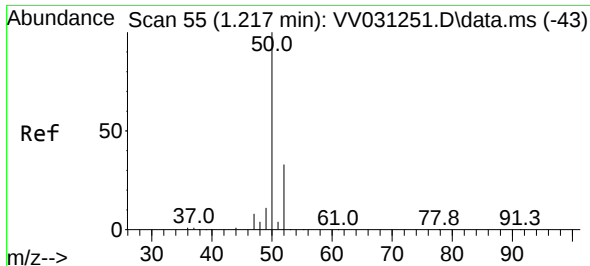
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: May 27 01:46:36 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 27 01:45:01 2023
Response via : Initial Calibration

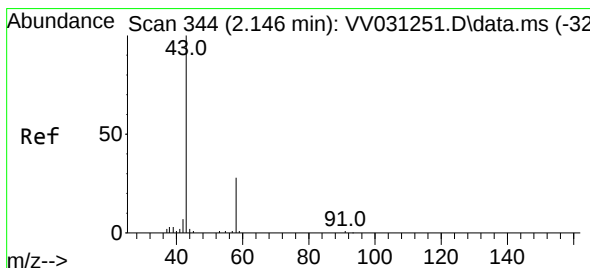
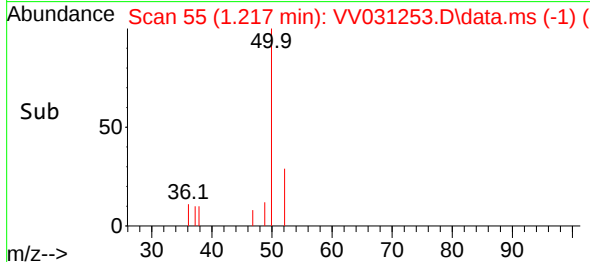
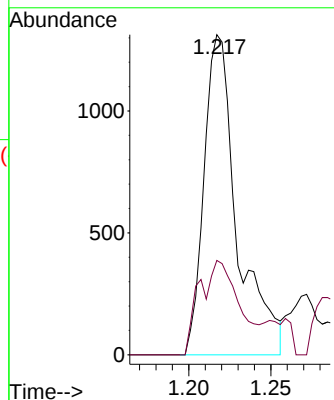
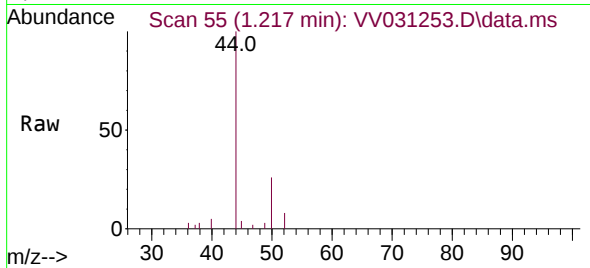




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

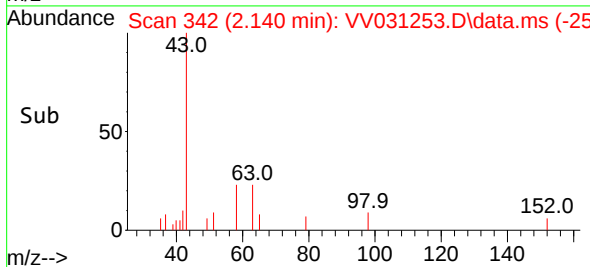
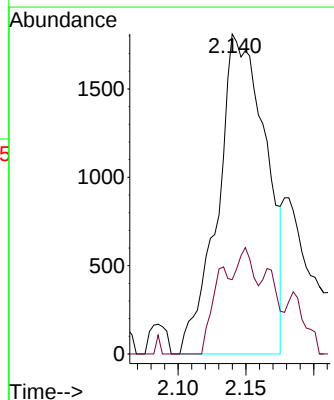
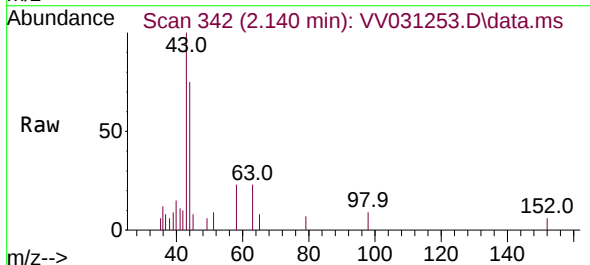
Instrument :
MSVOA_V
ClientSampleId :
VBLK343

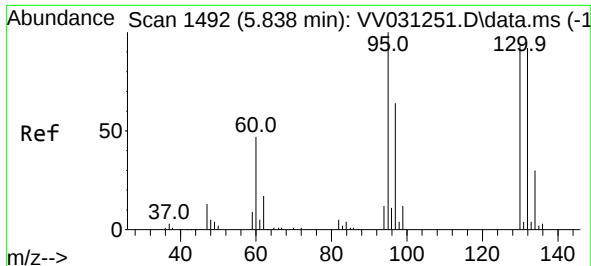
Tgt Ion: 50 Resp: 1845
Ion Ratio Lower Upper
50 100
52 29.5 22.7 42.1



#13
Acetone
Concen: 1.619 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.007 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

Tgt Ion: 43 Resp: 4470
Ion Ratio Lower Upper
43 100
58 11.0 0.0 62.2



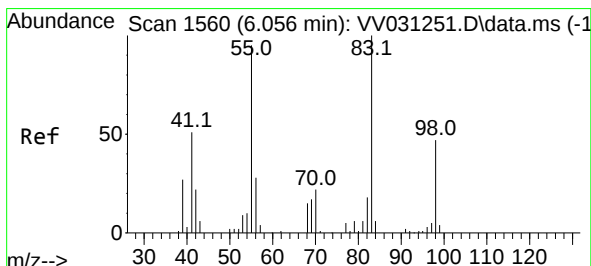
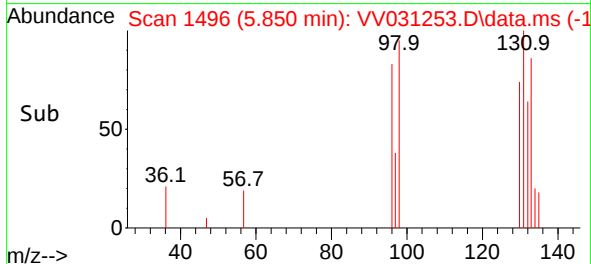
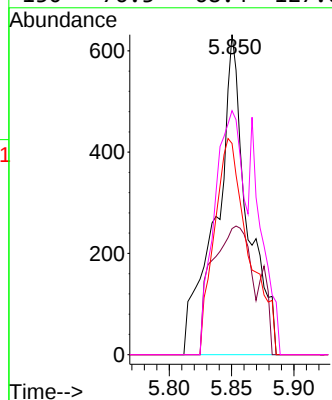
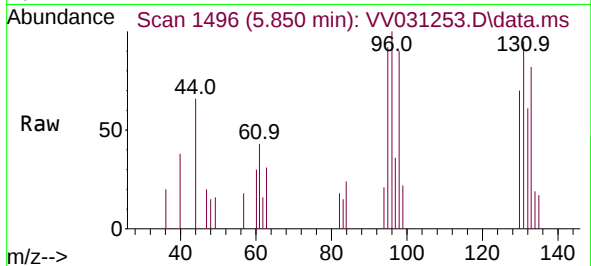


#34
Trichloroethene
Concen: 0.080 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK343

Tgt Ion: 95 Resp: 1099

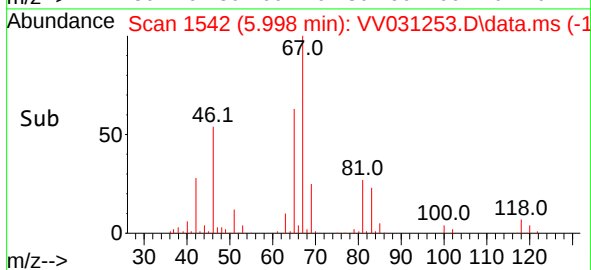
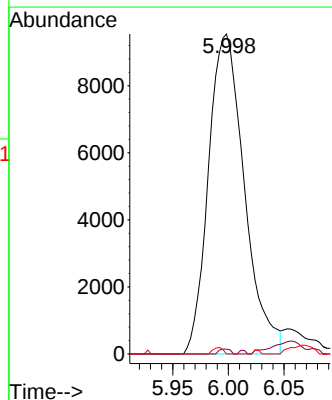
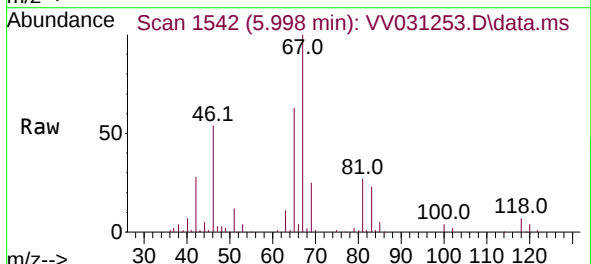
Ion	Ratio	Lower	Upper
95	100		
97	39.4	44.8	83.2#
132	66.0	64.8	120.4
130	76.3	68.4	127.0

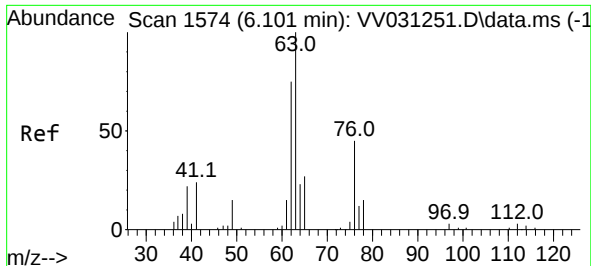


#35
Methylcyclohexane
Concen: 1.129 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

Tgt Ion: 83 Resp: 21422

Ion	Ratio	Lower	Upper
83	100		
55	0.5	74.4	111.6#
98	0.6	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.061 ug/L

RT: 6.108 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV031253.D

Acq: 26 May 2023 18:01

Instrument :

MSVOA_V

ClientSampleId :

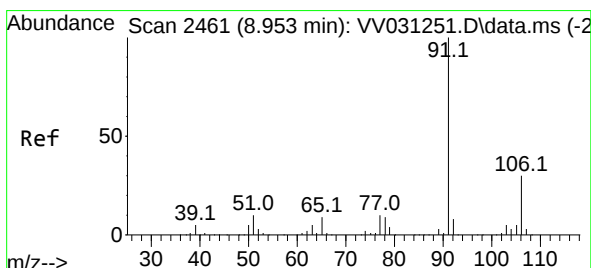
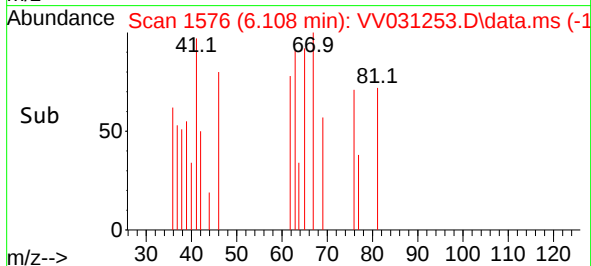
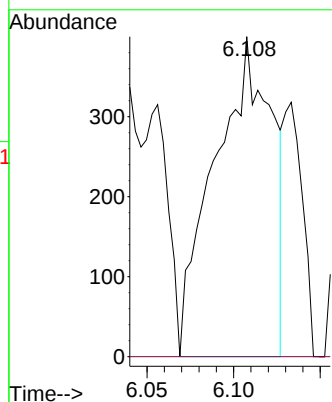
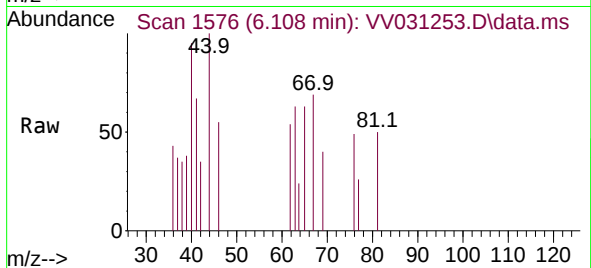
VBLK343

Tgt Ion: 63 Resp: 916

Ion Ratio Lower Upper

63 100

112 2.2 3.2 4.8#



#52

Ethylbenzene

Concen: 0.045 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.003 min

Lab File: VV031253.D

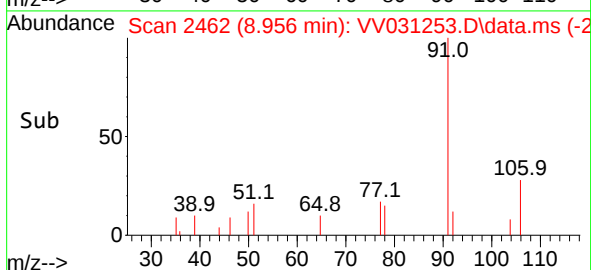
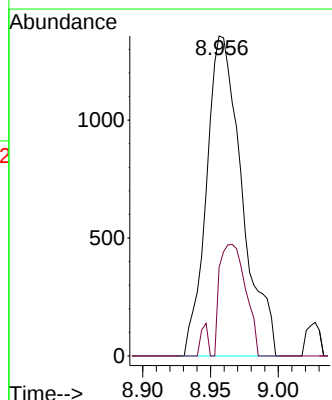
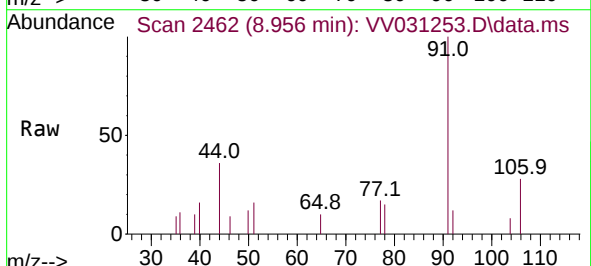
Acq: 26 May 2023 18:01

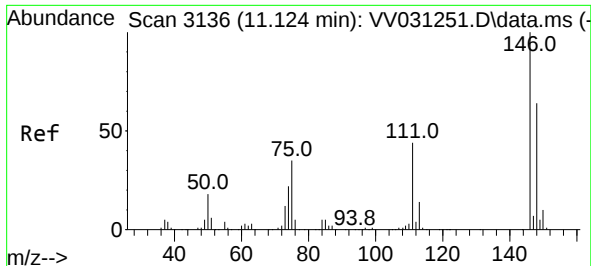
Tgt Ion: 91 Resp: 2474

Ion Ratio Lower Upper

91 100

106 27.7 21.1 39.1

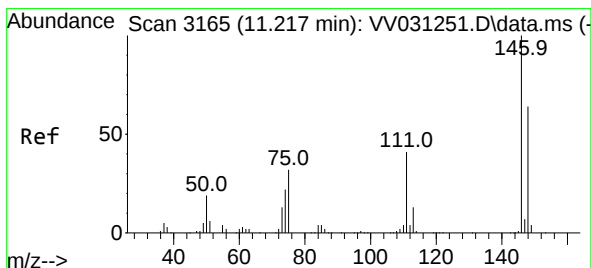
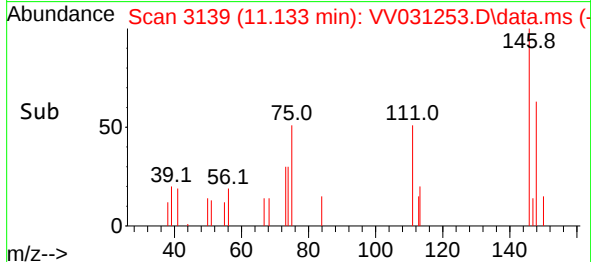
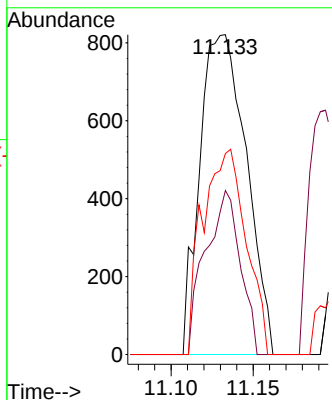
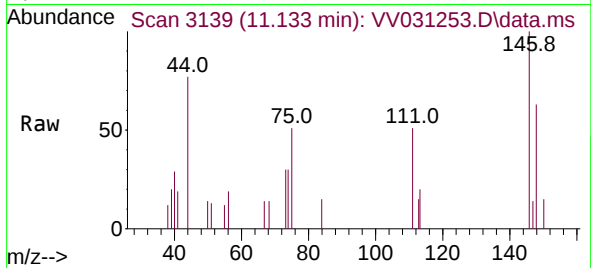




#64
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.133 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

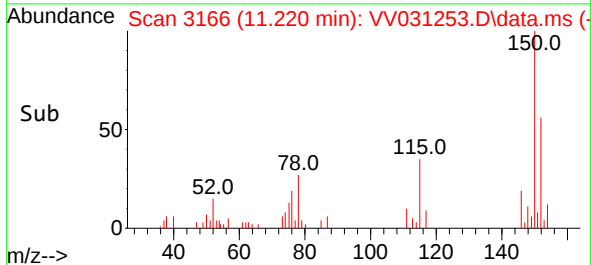
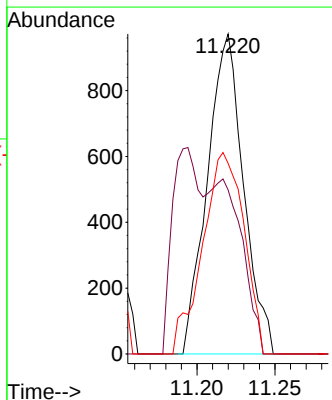
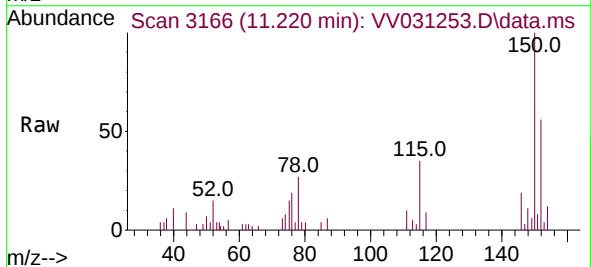
Instrument :
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ClientSampleId :
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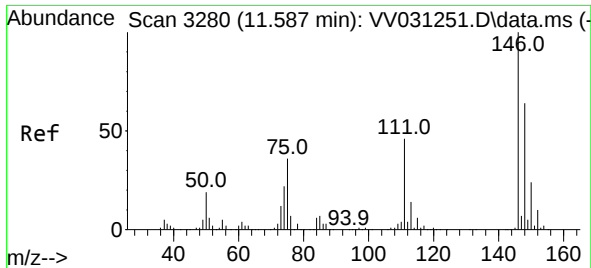
Tgt Ion:146	Resp:	1621	
Ion	Ratio	Lower	Upper
146	100		
111	51.3	29.5	54.9
148	62.9	44.6	82.8



#65
1,4-Dichlorobenzene
Concen: 0.080 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

Tgt	Ion:146	Resp:	1568
Ion	Ratio	Lower	Upper
146	100		
111	51.2	30.4	56.5
148	59.6	44.9	83.3

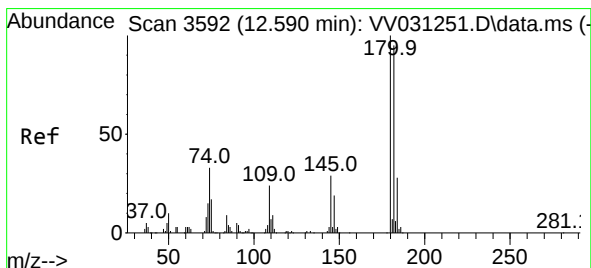
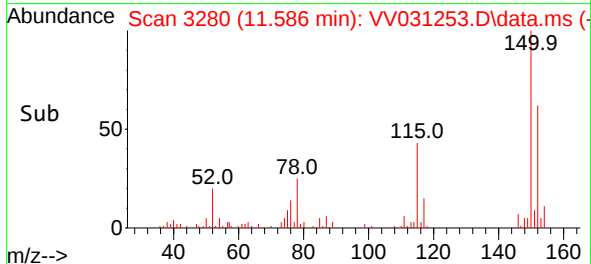
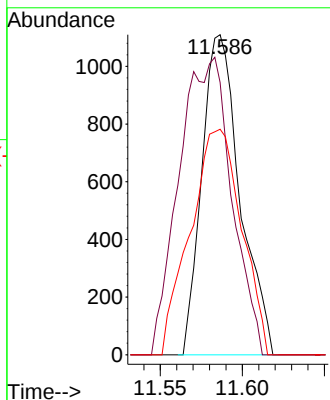
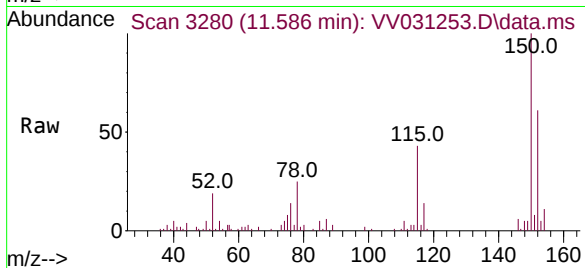




#67
1,2-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

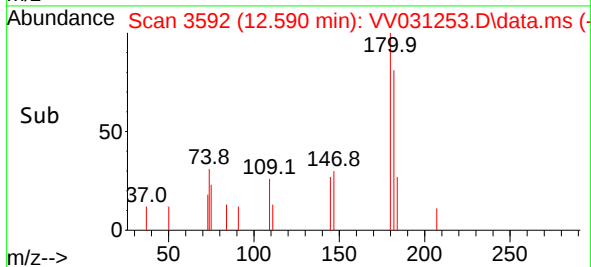
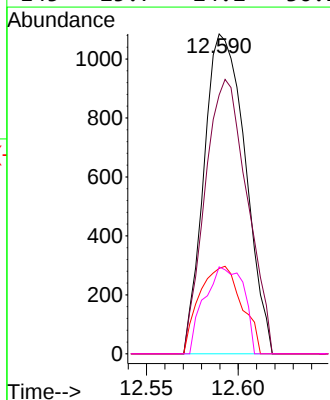
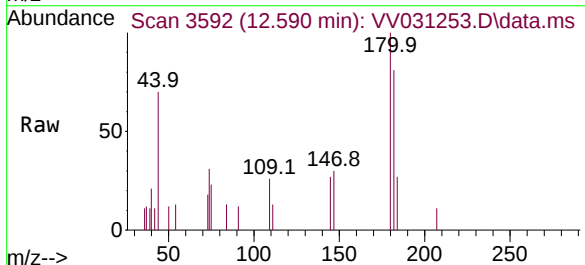
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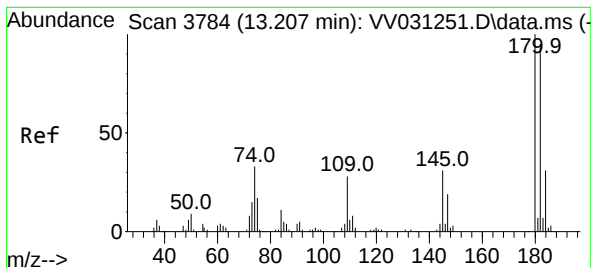
Tgt Ion:146 Resp: 1796
Ion Ratio Lower Upper
146 100
111 85.0 34.3 51.5#
148 70.5 50.2 75.2



#69
1,3,5-Trichlorobenzene
Concen: 0.109 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV031253.D
Acq: 26 May 2023 18:01

Tgt Ion:180 Resp: 1698
Ion Ratio Lower Upper
180 100
182 87.5 76.6 114.8
184 28.0 24.9 37.3
145 25.7 24.2 36.2





#70

1,2,4-trichlorobenzene

Concen: 0.128 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031253.D

Acq: 26 May 2023 18:01

Instrument :

MSVOA_V

ClientSampleId :

VBLK343

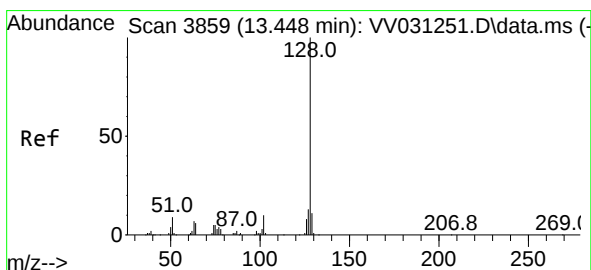
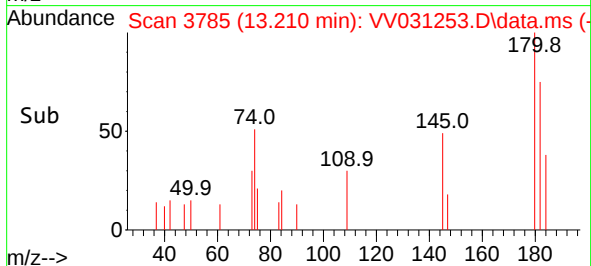
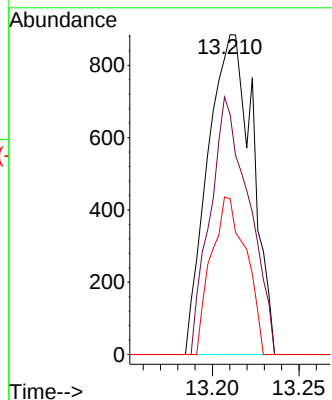
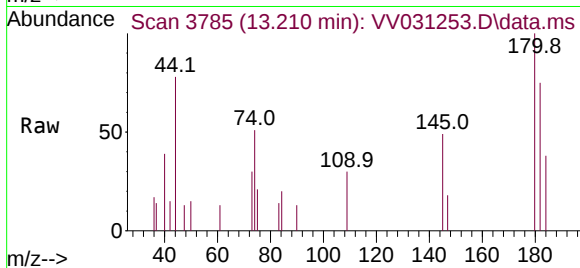
Tgt Ion:180 Resp: 1594

Ion Ratio Lower Upper

180 100

182 69.6 74.8 112.2#

145 38.3 24.1 36.1#



#71

Naphthalene

Concen: 0.152 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.006 min

Lab File: VV031253.D

Acq: 26 May 2023 18:01

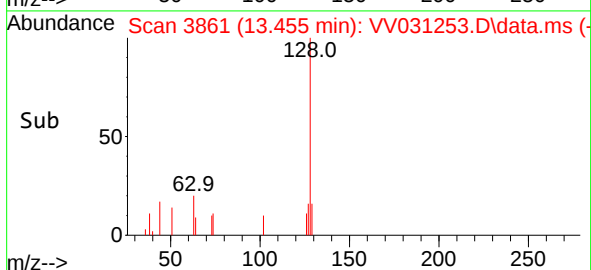
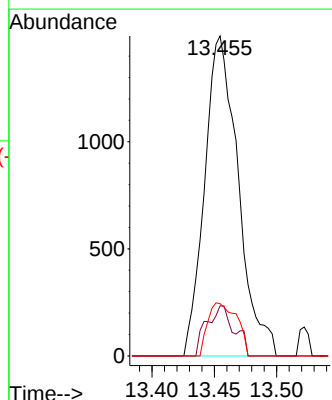
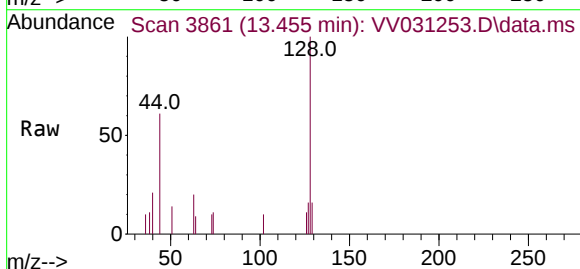
Tgt Ion:128 Resp: 2795

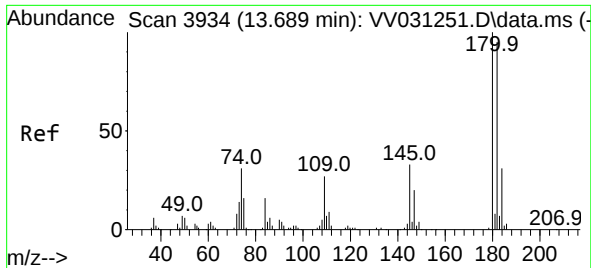
Ion Ratio Lower Upper

128 100

129 12.9 9.0 13.6

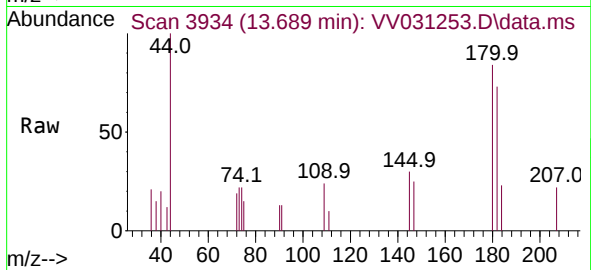
127 14.3 11.5 17.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.120 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV031253.D
 Acq: 26 May 2023 18:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK343



Tgt Ion:	180	Resp:	1284
Ion	Ratio	Lower	Upper
180	100		
182	83.9	77.6	116.4
145	42.4	26.9	40.3#

