

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025704.D
 Acq On : 25 Apr 2022 10:05
 Operator : SY/MD
 Sample : VW0425WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK351

Quant Time: Apr 26 06:32:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

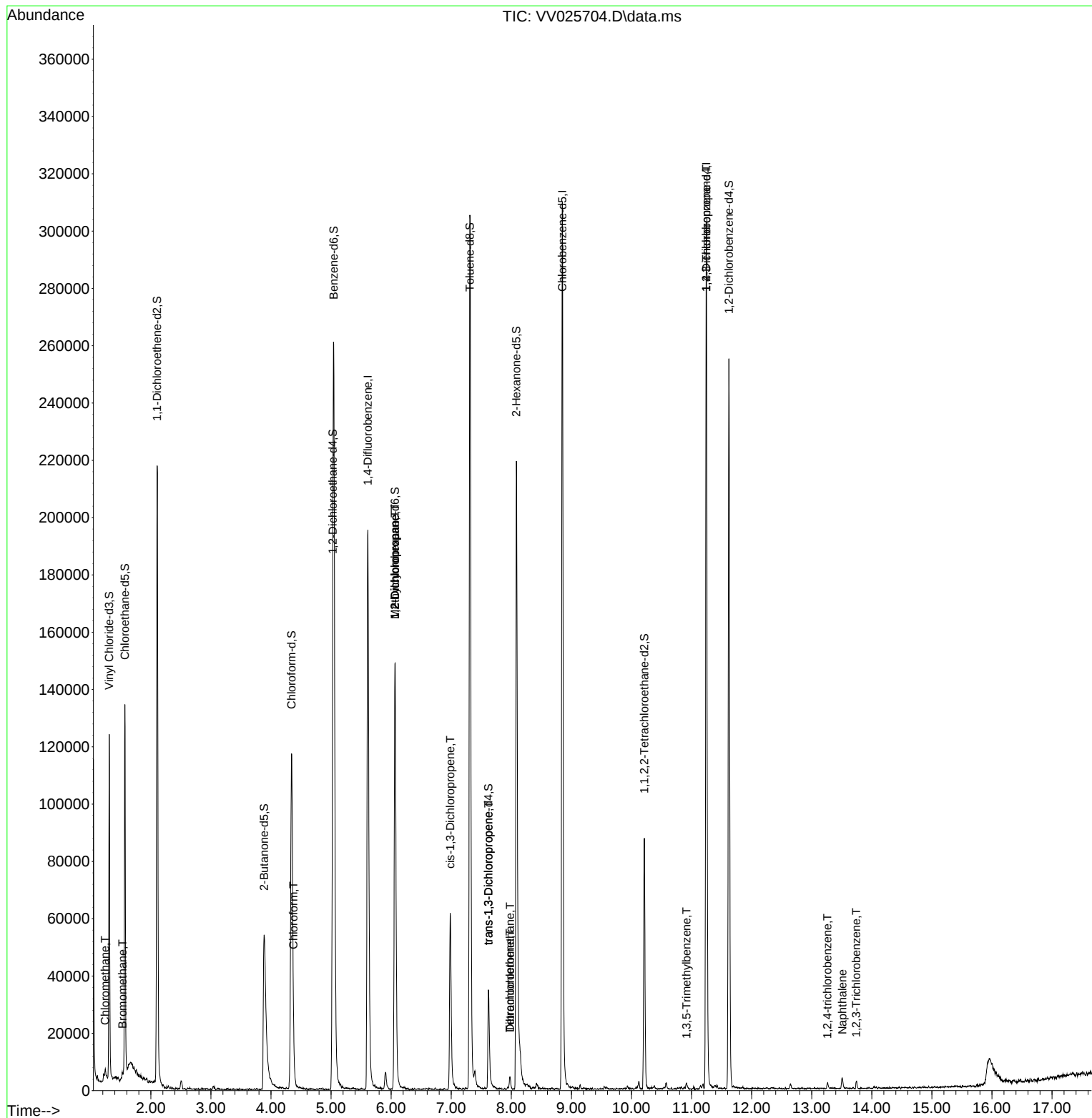
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	169232	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76401	4.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	79548	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.104	63	116543	3.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.886	46	101847	53.216	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.440%
24) Chloroform-d	4.342	84	120058	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.027	65	55336	5.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.043	84	241697	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.063	67	71458	5.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.310	98	206574	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.619	79	21300	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.085	63	73820	45.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.700%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	40895	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	64649	4.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
3) Chloromethane	1.240	50	2001	0.120	ug/L	90
6) Bromomethane	1.526	94	1181	0.087	ug/L	88
25) Chloroform	4.371	83	2535	0.115	ug/L	89
35) Methylcyclohexane	6.066	83	17572	0.830	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	8024	0.694	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1879	0.124	ug/L	92
44) trans-1,3-Dichloropropene	7.619	75	922	0.078	ug/L #	60
47) Tetrachloroethene	7.976	164	961	0.093	ug/L	86
49) Dibromochloromethane	7.979	129	954	0.112	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	10228	1.983	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.914	105	897	0.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	956	0.072	ug/L #	74
71) Naphthalene	13.512	128	3690	0.190	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.741	180	855	0.078	ug/L	94

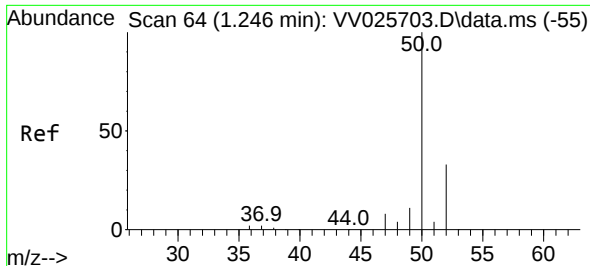
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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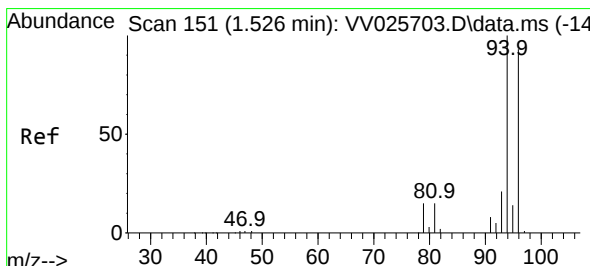
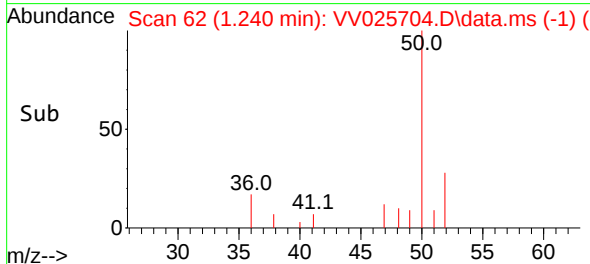
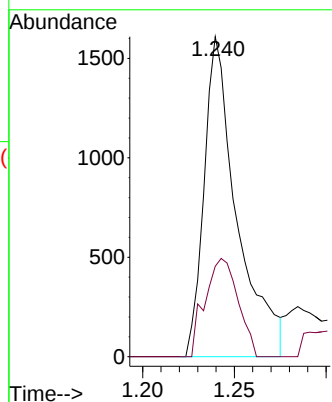
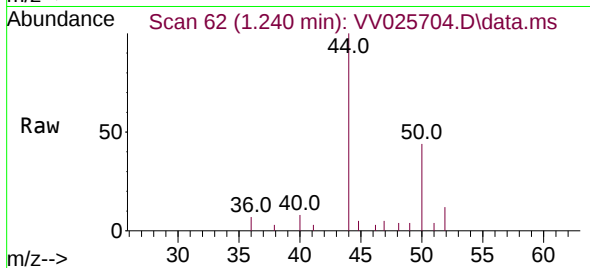




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.240 min Scan# 64
Delta R.T. -0.007 min
Lab File: VV025704.D
Acq: 25 Apr 2022 10:05

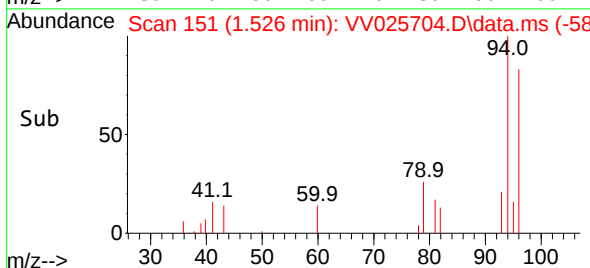
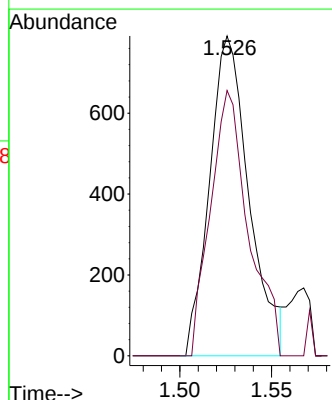
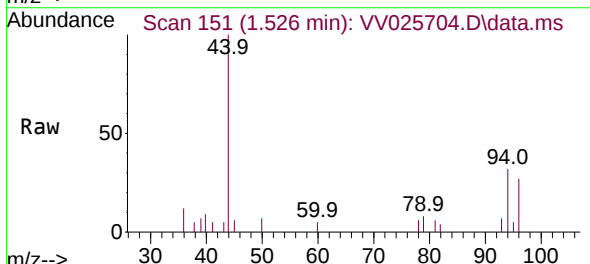
Instrument :
MSVOA_V
ClientSampleId :
VBLK351

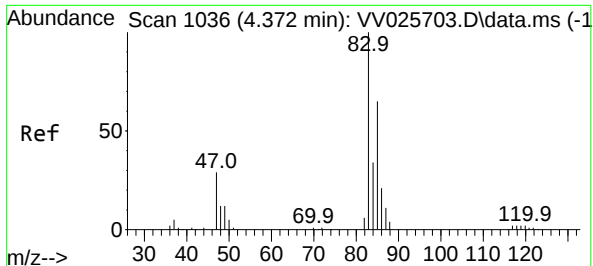
Tgt Ion: 50 Resp: 2001
Ion Ratio Lower Upper
50 100
52 28.3 23.7 43.9



#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.526 min Scan# 151
Delta R.T. -0.000 min
Lab File: VV025704.D
Acq: 25 Apr 2022 10:05

Tgt Ion: 94 Resp: 1181
Ion Ratio Lower Upper
94 100
96 82.9 66.1 122.7

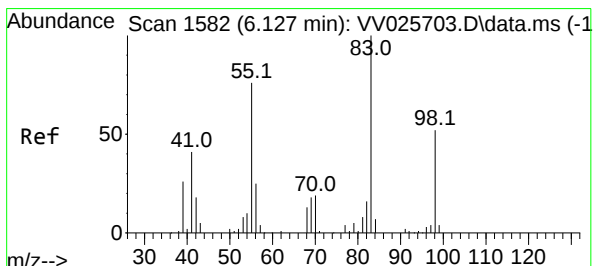
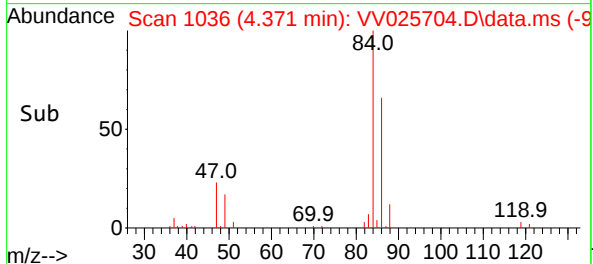
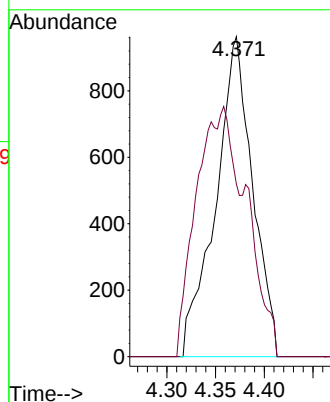
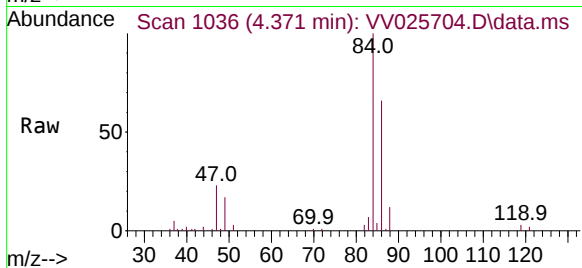




#25
Chloroform
Concen: 0.115 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV025704.D
Acq: 25 Apr 2022 10:05

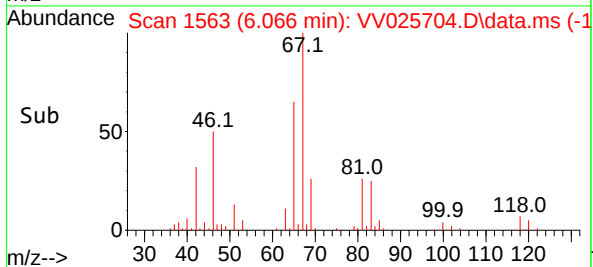
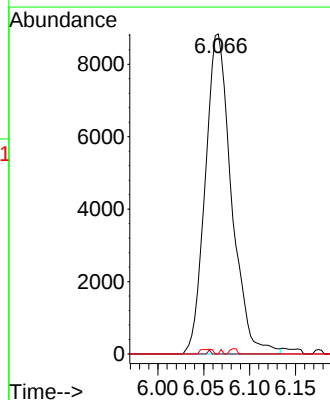
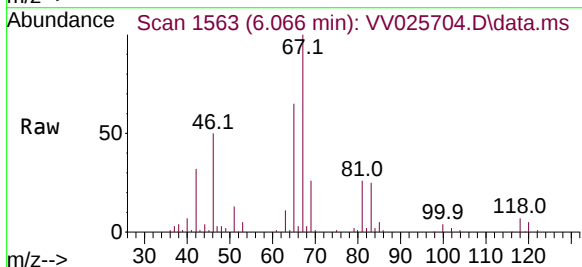
Instrument :
MSVOA_V
ClientSampleId :
VBLK351

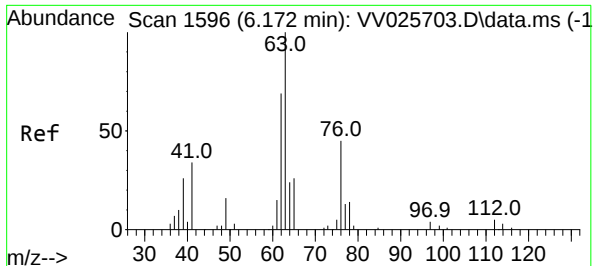
Tgt Ion: 83 Resp: 2535
Ion Ratio Lower Upper
83 100
85 54.0 43.5 80.7



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV025704.D
Acq: 25 Apr 2022 10:05

Tgt Ion: 83 Resp: 17572
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 0.1 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV025704.D

Acq: 25 Apr 2022 10:05

Instrument :

MSVOA_V

ClientSampleId :

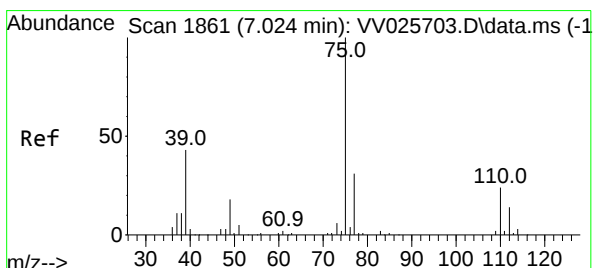
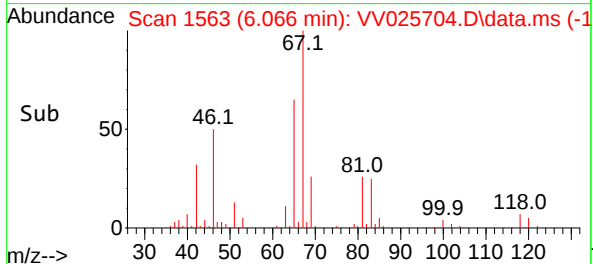
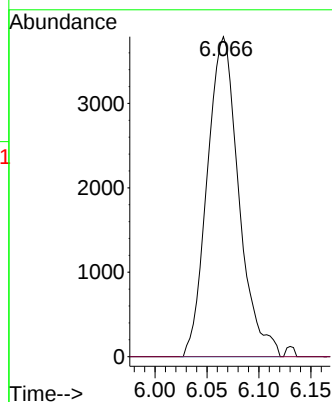
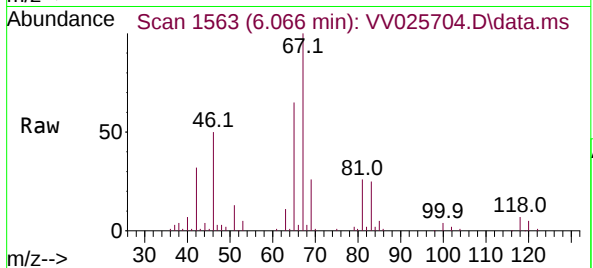
VBLK351

Tgt Ion: 63 Resp: 8024

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV025704.D

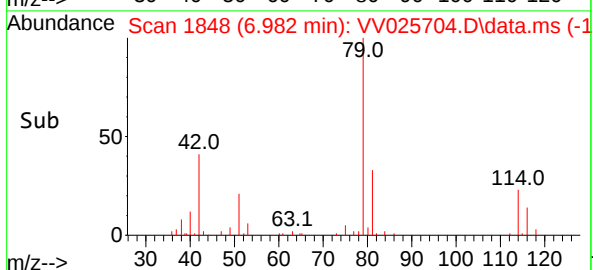
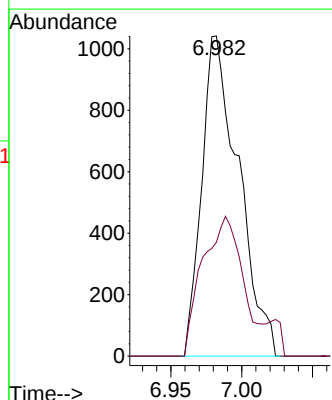
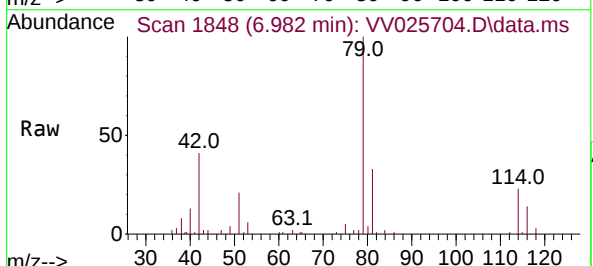
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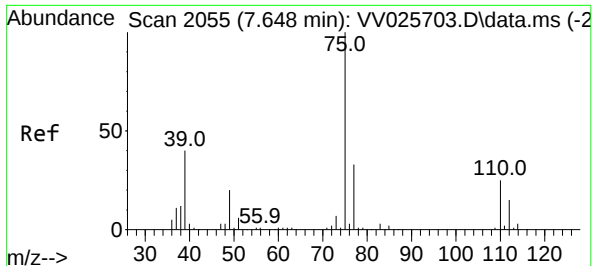
Tgt Ion: 75 Resp: 1879

Ion Ratio Lower Upper

75 100

77 35.5 21.8 40.6

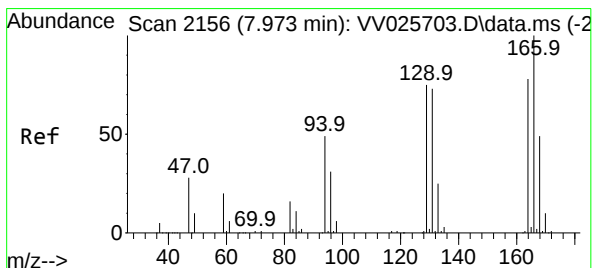
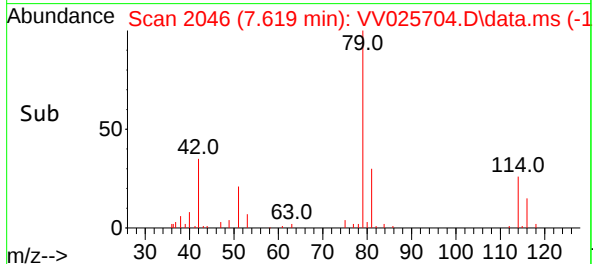
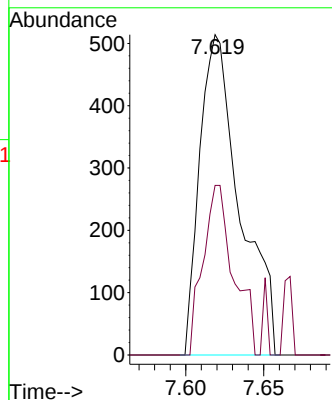
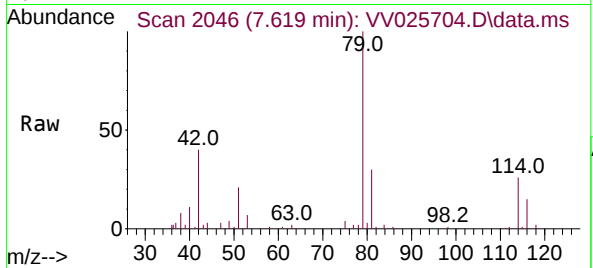




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.619 min Scan# 2055
Delta R.T. -0.029 min
Lab File: VV025704.D
Acq: 25 Apr 2022 10:05

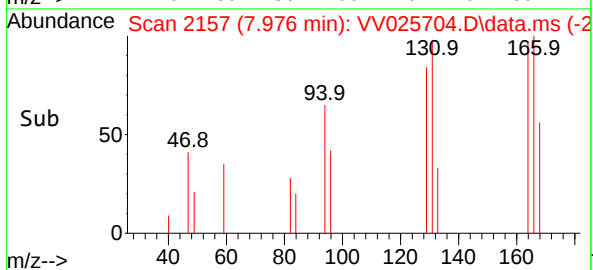
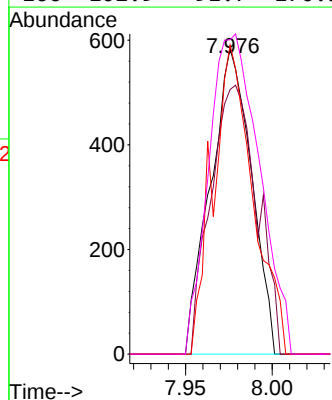
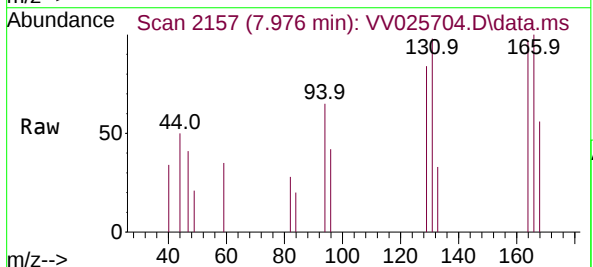
Instrument :
MSVOA_V
ClientSampleId :
VBLK351

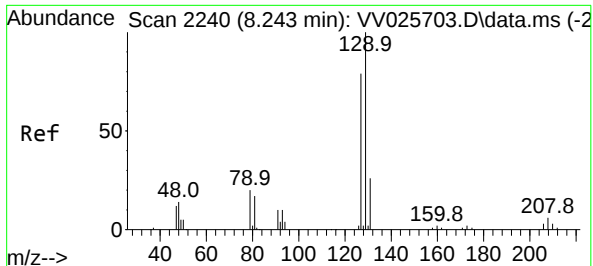
Tgt Ion: 75 Resp: 922
Ion Ratio Lower Upper
75 100
77 52.9 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.093 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025704.D
Acq: 25 Apr 2022 10:05

Tgt Ion: 164 Resp: 961
Ion Ratio Lower Upper
164 100
129 86.6 66.8 124.2
131 101.2 66.4 123.4
166 102.9 91.7 170.3





#49

Dibromochloromethane

Concen: 0.112 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025704.D

Acq: 25 Apr 2022 10:05

Instrument :

MSVOA_V

ClientSampleId :

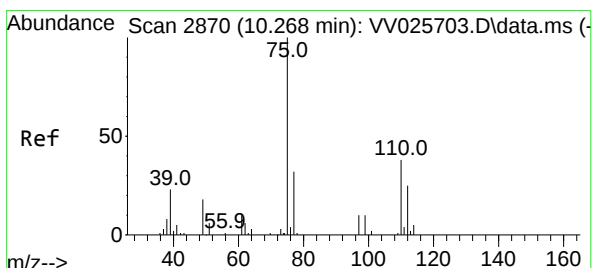
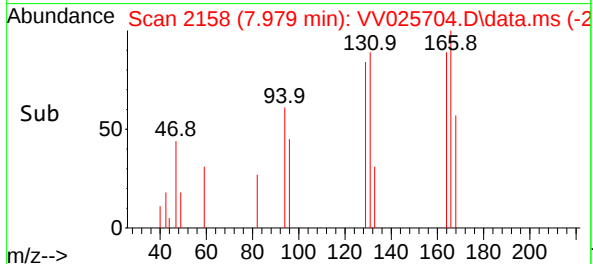
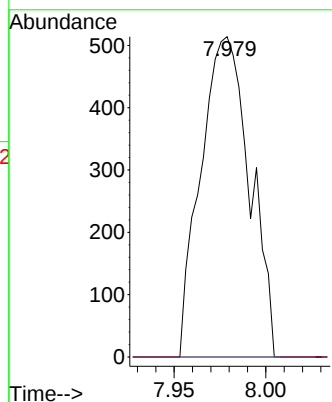
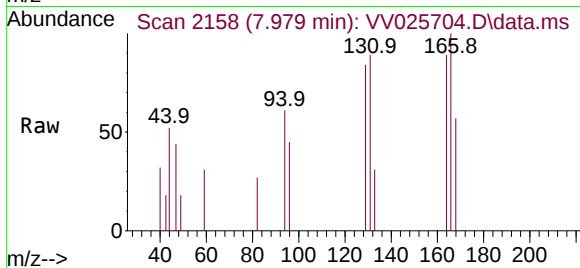
VBLK351

Tgt Ion:129 Resp: 954

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.983 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV025704.D

Acq: 25 Apr 2022 10:05

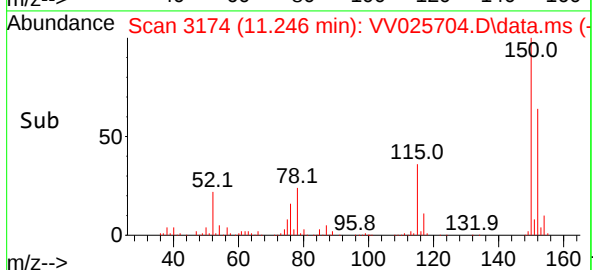
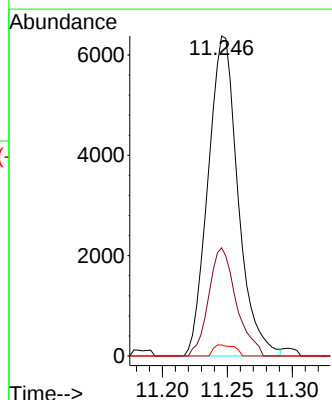
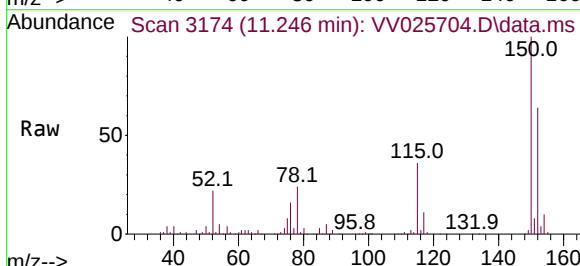
Tgt Ion: 75 Resp: 10228

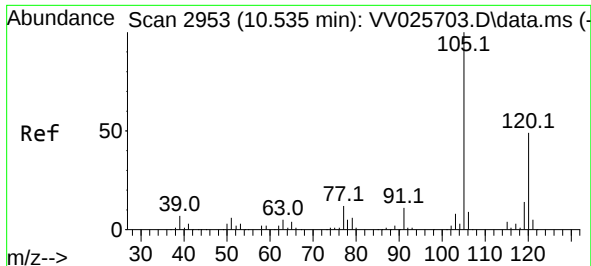
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

110 2.4 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.042 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.379 min

Lab File: VV025704.D

Acq: 25 Apr 2022 10:05

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ClientSampleId :

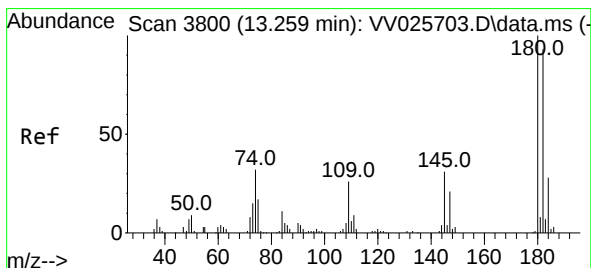
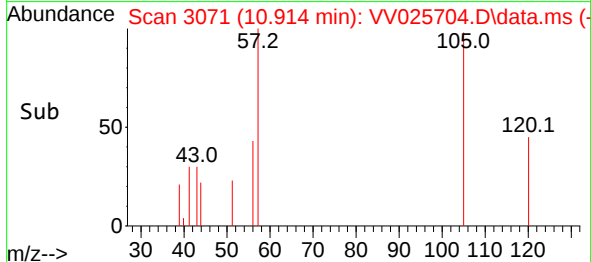
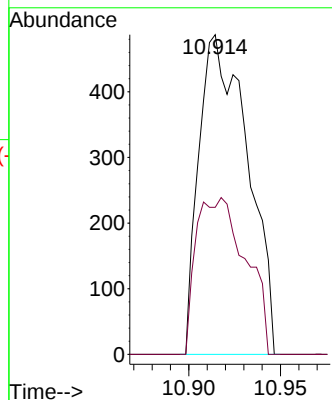
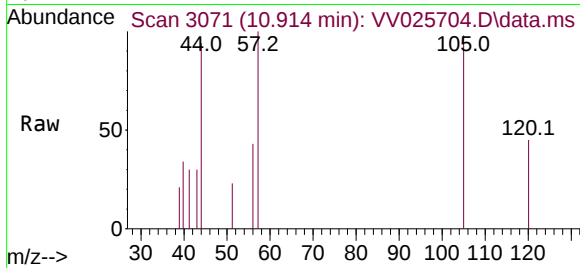
VBLK351

Tgt Ion:105 Resp: 897

Ion Ratio Lower Upper

105 100

120 50.1 39.6 59.4



#70

1,2,4-trichlorobenzene

Concen: 0.072 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025704.D

Acq: 25 Apr 2022 10:05

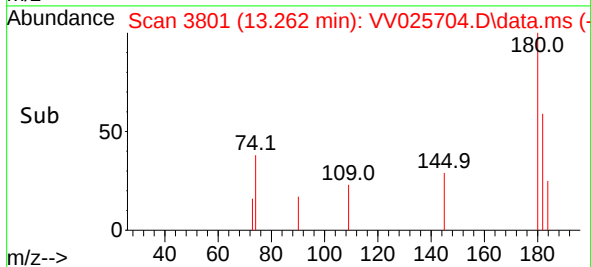
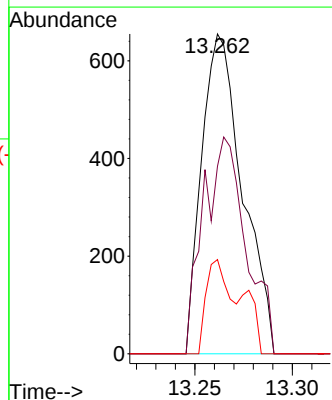
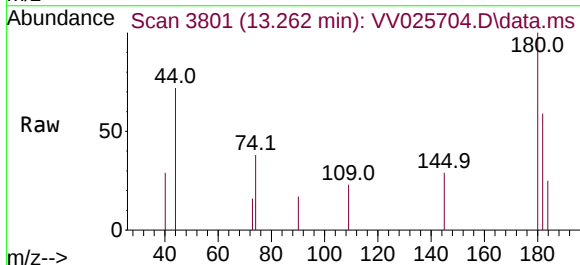
Tgt Ion:180 Resp: 956

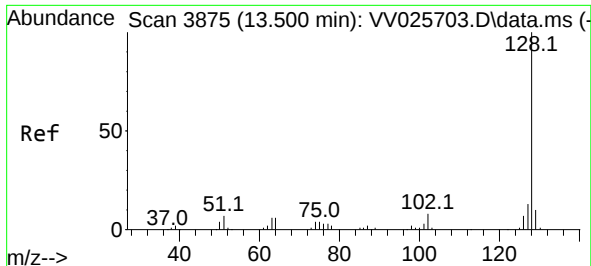
Ion Ratio Lower Upper

180 100

182 70.4 76.6 114.8#

145 17.3 24.6 36.8#





#71
Naphthalene

Concen: 0.190 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV025704.D

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VBLK351

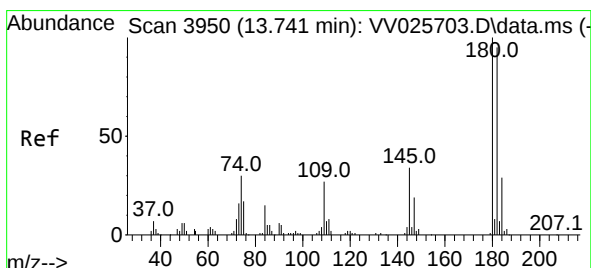
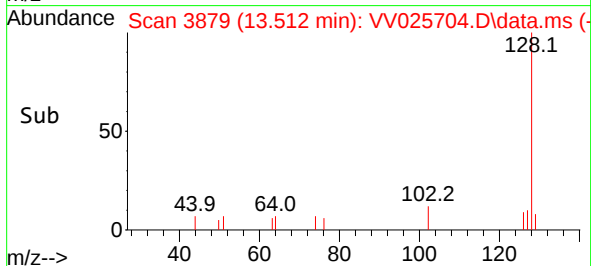
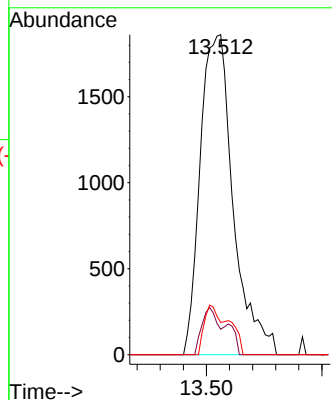
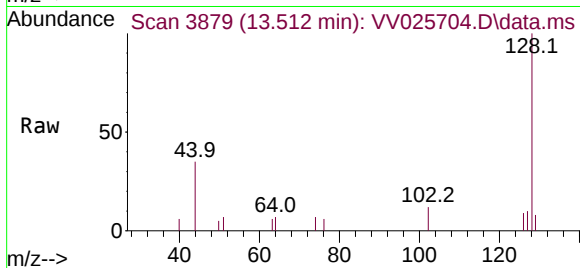
Tgt Ion:128 Resp: 3690

Ion Ratio Lower Upper

128 100

129 7.2 8.8 13.2#

127 11.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.078 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025704.D

Acq: 25 Apr 2022 10:05

Tgt Ion:180 Resp: 855

Ion Ratio Lower Upper

180 100

182 90.5 77.7 116.5

145 32.3 27.4 41.2

