

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025791.D
 Acq On : 03 May 2022 14:29
 Operator : SY/MD
 Sample : VV0503WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK355

Quant Time: May 04 05:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

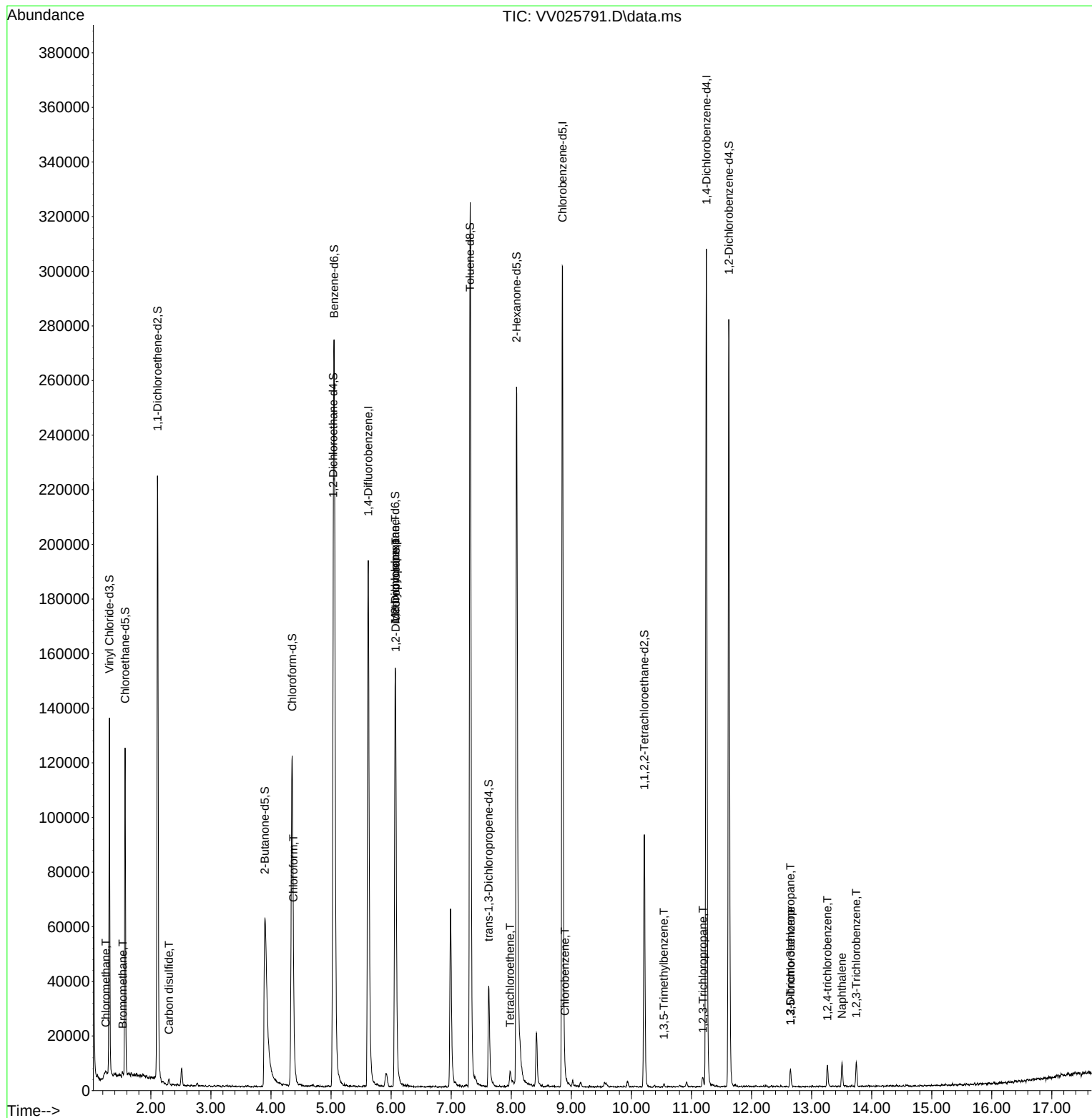
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166610	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	166328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77293	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	82542	4.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.571	69	73673	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.111	63	118901	3.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.899	46	113233	45.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.620%
24) Chloroform-d	4.352	84	124516	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.037	65	56830	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	255984	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	75955	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	215886	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	22532	4.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.088	63	89163	46.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44386	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	69637	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	941	0.041	ug/L #	65
6) Bromomethane	1.532	94	852	0.069	ug/L	75
14) Carbon disulfide	2.301	76	2469	0.059	ug/L	100
25) Chloroform	4.375	83	2620	0.099	ug/L	82
35) Methylcyclohexane	6.069	83	18106	0.801	ug/L #	22
37) 1,2-Dichloropropane	6.075	63	8757	0.647	ug/L #	85
47) Tetrachloroethene	7.982	164	1410	0.113	ug/L	91
51) Chlorobenzene	8.892	112	1394	0.037	ug/L #	75
61) 1,2,3-Trichloropropane	11.191	75	610	0.099	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.538	105	800	0.036	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.648	75	483	0.419	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.651	180	2387	0.133	ug/L	91
70) 1,2,4-trichlorobenzene	13.265	180	2653	0.198	ug/L	92
71) Naphthalene	13.506	128	7447	0.391	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	2647	0.242	ug/L #	87

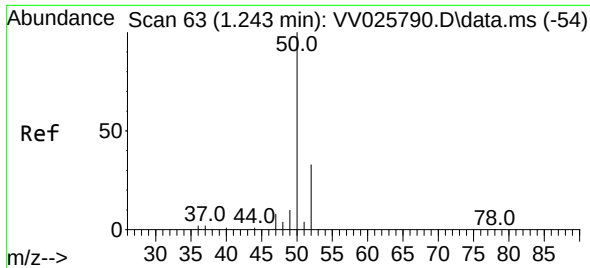
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration

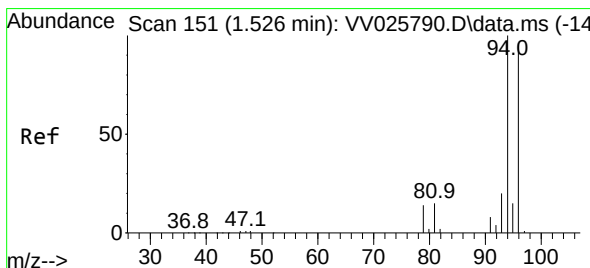
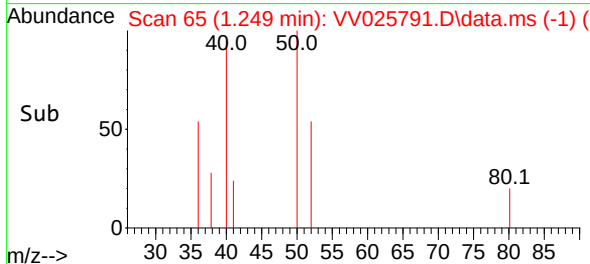
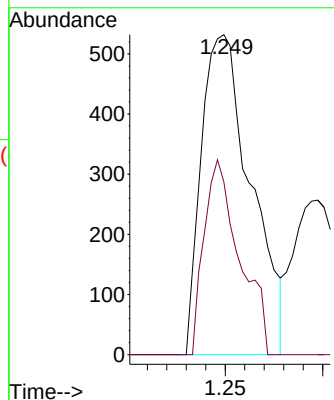
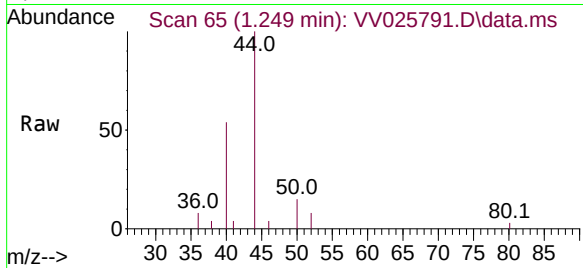




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

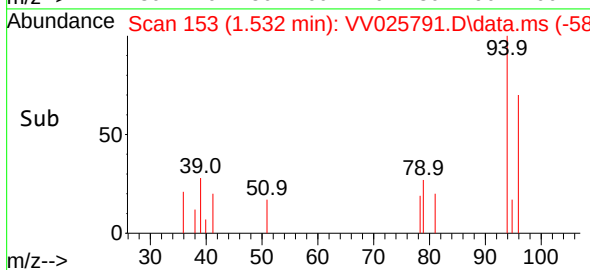
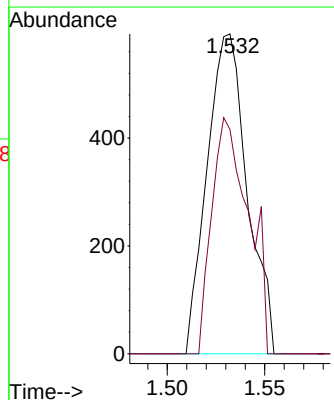
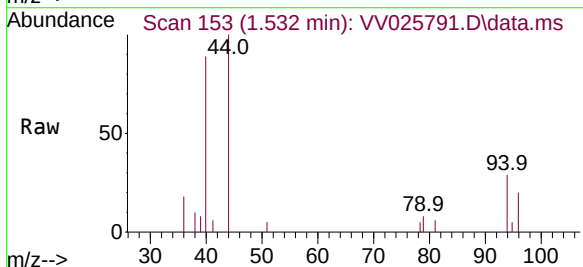
Instrument :
MSVOA_V
ClientSampleId :
VBLK355

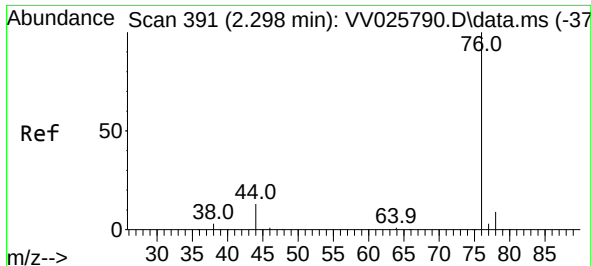
Tgt Ion: 50 Resp: 941
Ion Ratio Lower Upper
50 100
52 53.9 23.7 43.9#



#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.006 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

Tgt Ion: 94 Resp: 852
Ion Ratio Lower Upper
94 100
96 70.2 66.1 122.7

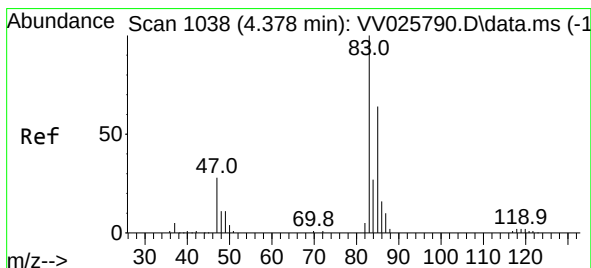
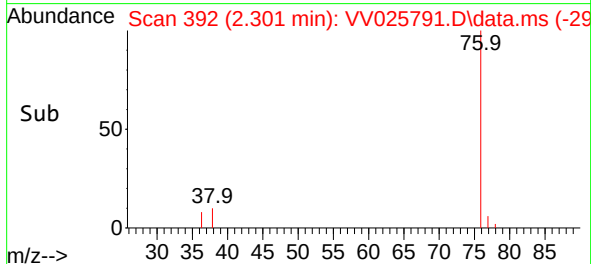
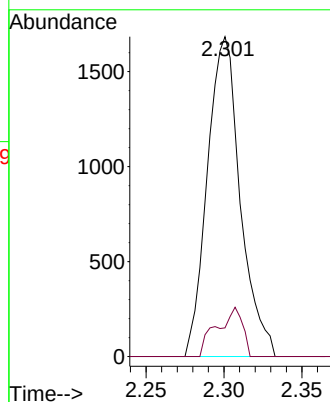
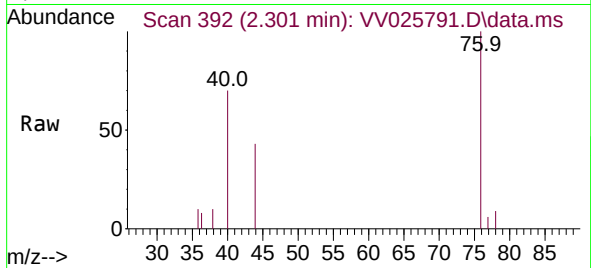




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.301 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

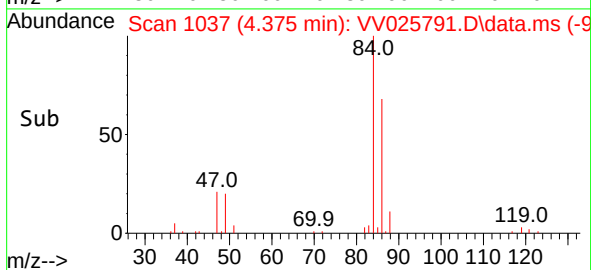
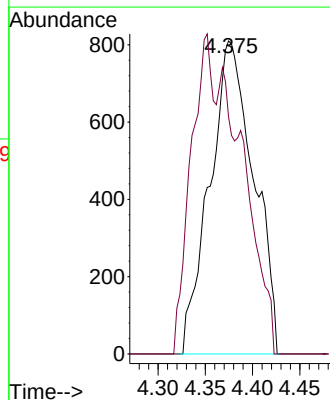
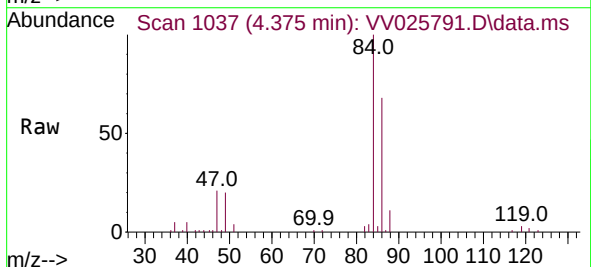
Instrument :
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ClientSampleId :
VBLK355

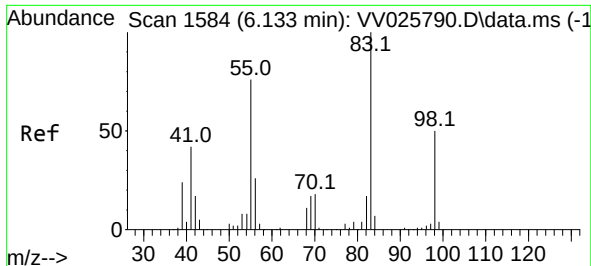
Tgt Ion: 76 Resp: 2469
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#25
Chloroform
Concen: 0.099 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

Tgt Ion: 83 Resp: 2620
Ion Ratio Lower Upper
83 100
85 75.8 43.5 80.7

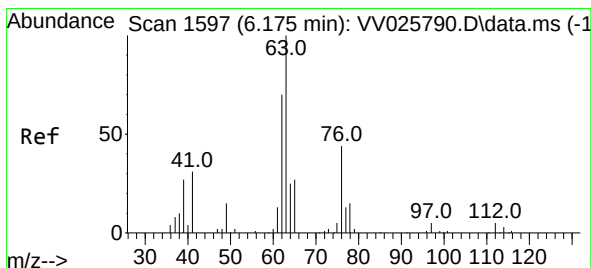
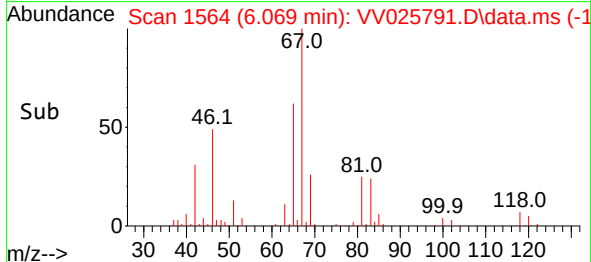
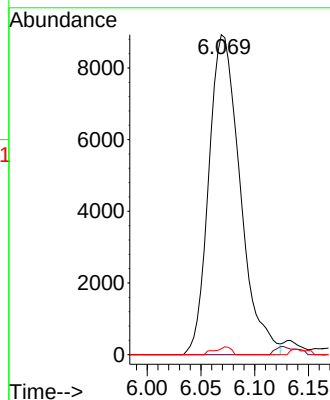
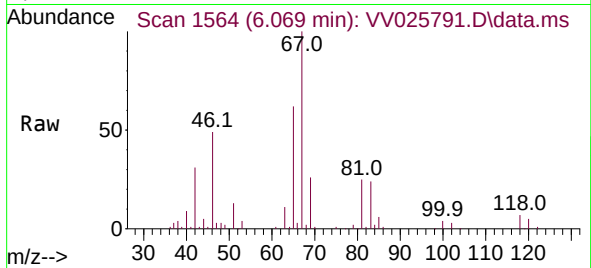




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.069 min Scan# 1566
Delta R.T. -0.064 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

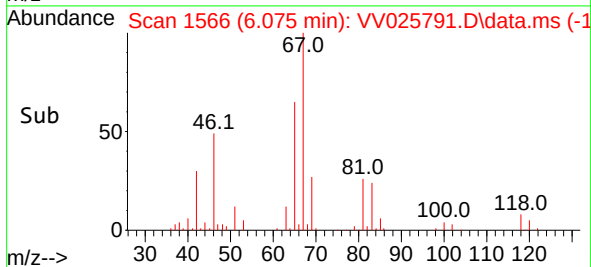
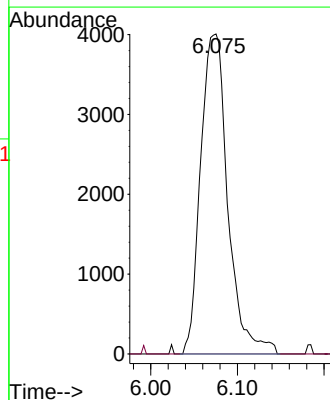
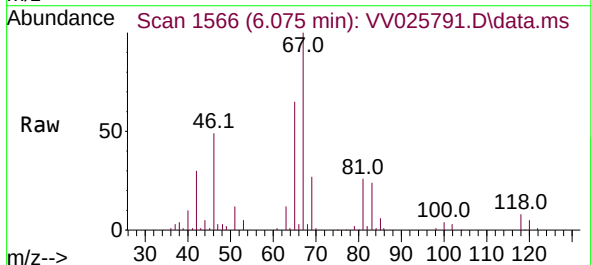
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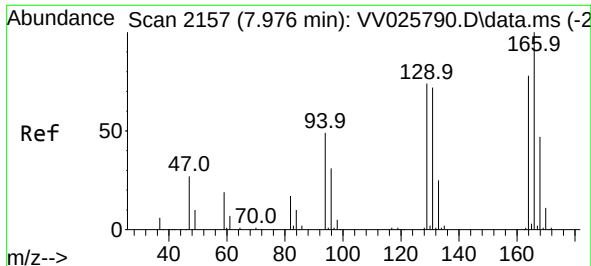
Tgt Ion: 83 Resp: 18106
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 1.2 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

Tgt Ion: 63 Resp: 8757
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#47

Tetrachloroethene

Concen: 0.113 ug/L

RT: 7.982 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV025791.D

Acq: 03 May 2022 14:29

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 1410

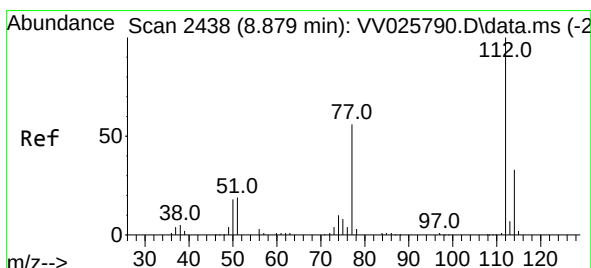
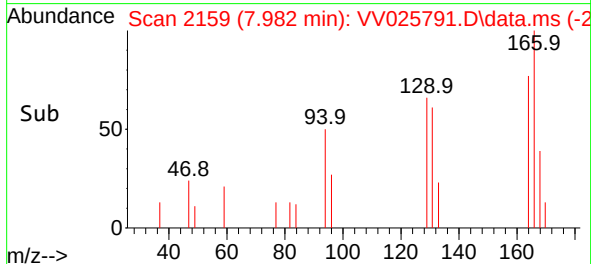
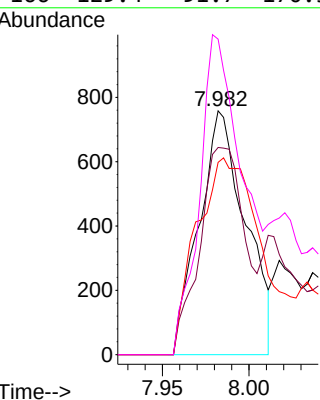
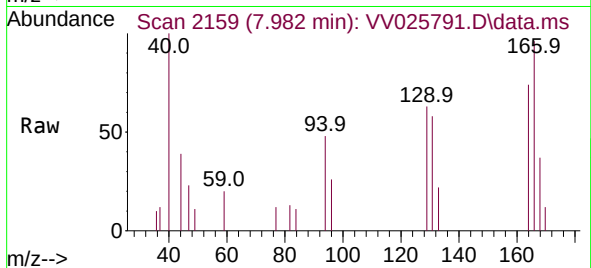
Ion Ratio Lower Upper

164 100

129 85.0 66.8 124.2

131 78.9 66.4 123.4

166 129.4 91.7 170.3



#51

Chlorobenzene

Concen: 0.037 ug/L

RT: 8.892 min Scan# 2442

Delta R.T. 0.013 min

Lab File: VV025791.D

Acq: 03 May 2022 14:29

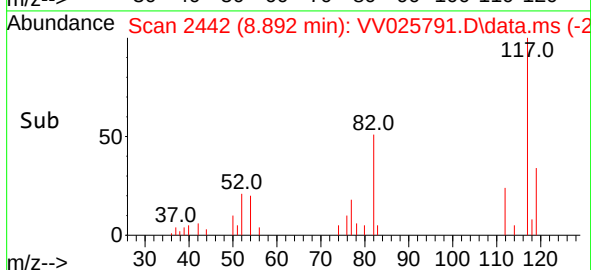
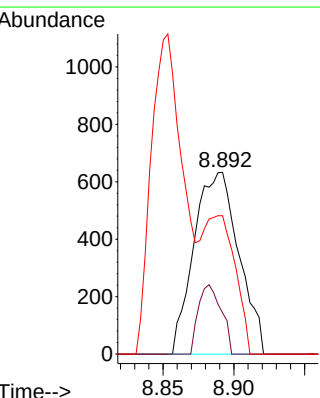
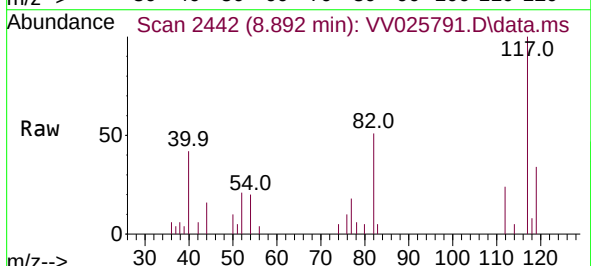
Tgt Ion:112 Resp: 1394

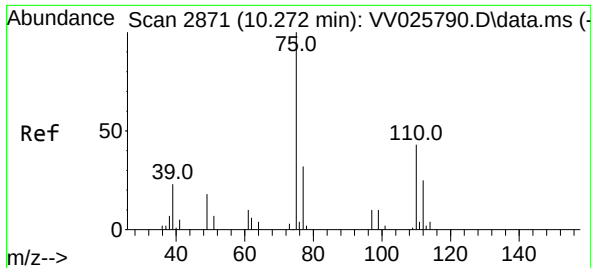
Ion Ratio Lower Upper

112 100

114 22.6 22.4 41.6

77 76.1 43.7 65.5#

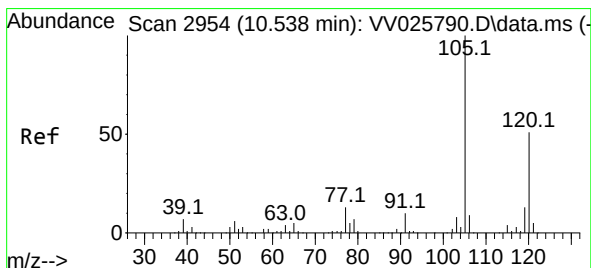
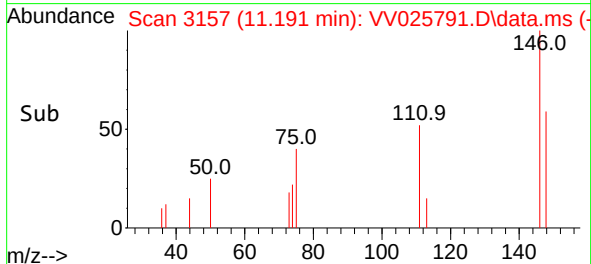
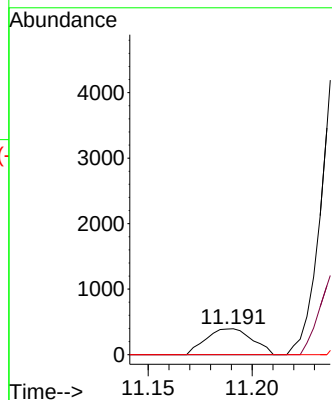
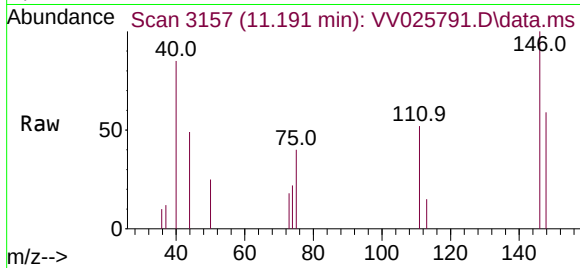




#61
1,2,3-Trichloropropane
Concen: 0.099 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.919 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

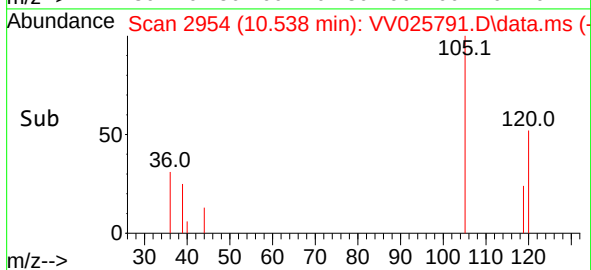
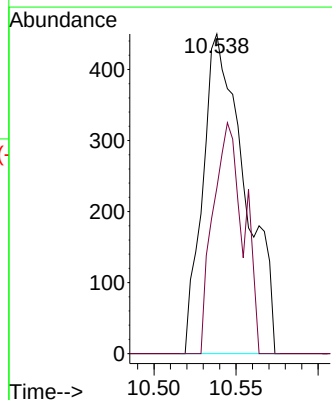
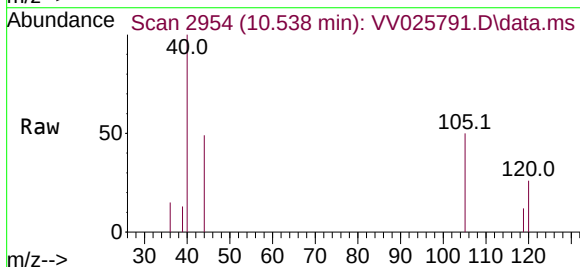
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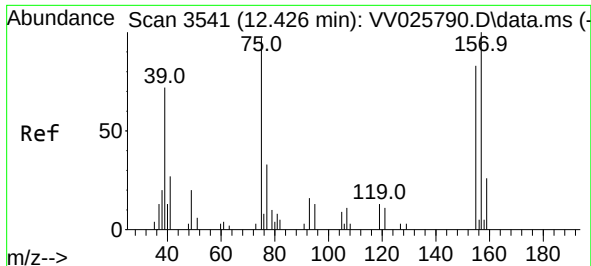
Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.036 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

Tgt Ion: 105 Resp: 800
Ion Ratio Lower Upper
105 100
120 52.1 39.6 59.4

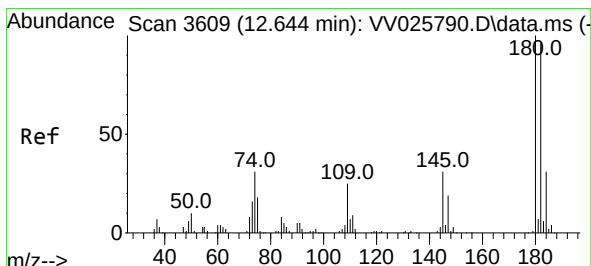
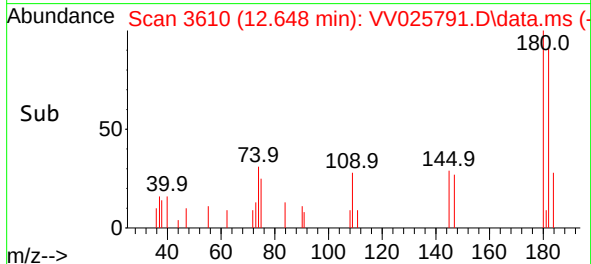
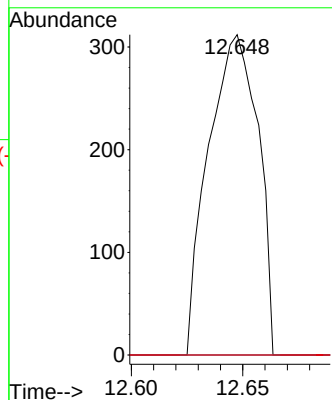
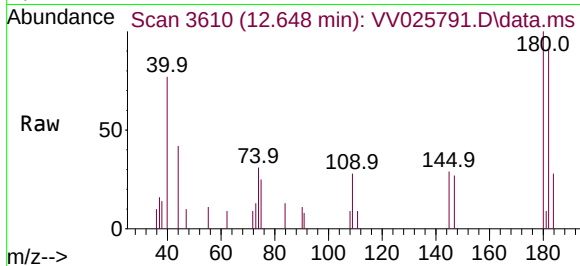




#68
1,2-Dibromo-3-chloropropane
Concen: 0.419 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.222 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

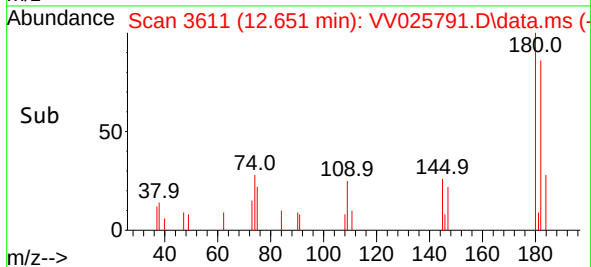
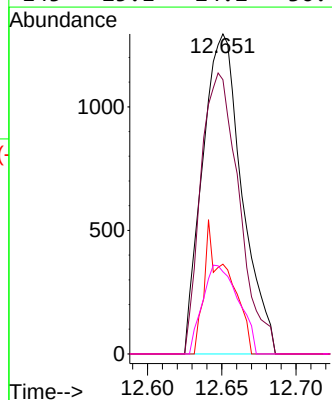
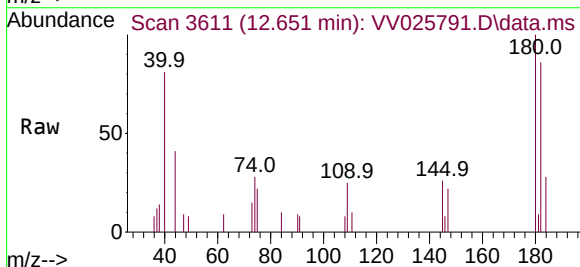
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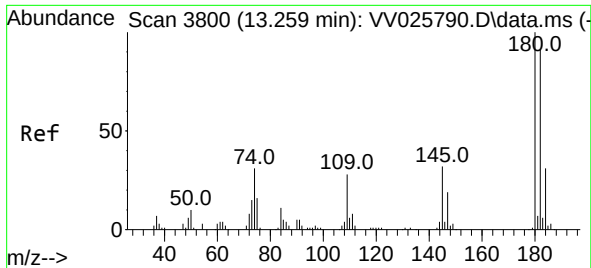
Tgt Ion: 75 Resp: 483
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#69
1,3,5-Trichlorobenzene
Concen: 0.133 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.006 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

Tgt Ion: 180 Resp: 2387
Ion Ratio Lower Upper
180 100
182 85.1 75.3 112.9
184 25.4 23.4 35.2
145 25.1 24.2 36.4

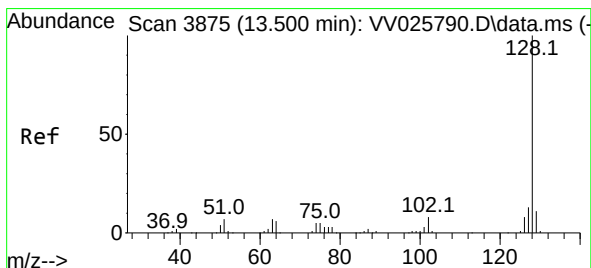
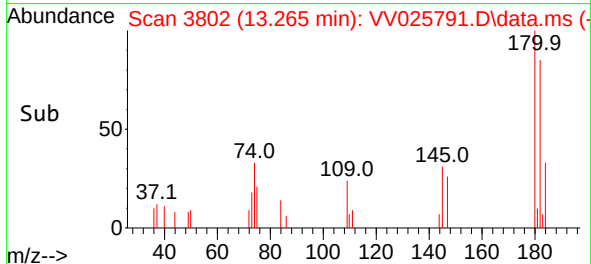
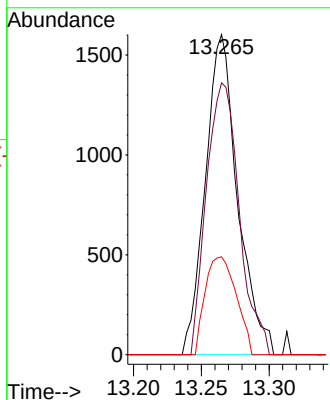
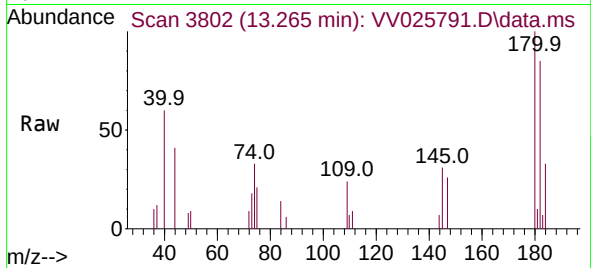




#70
1,2,4-trichlorobenzene
Concen: 0.198 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

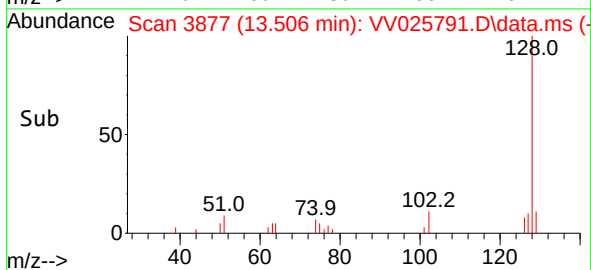
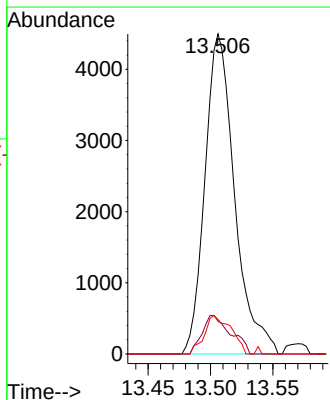
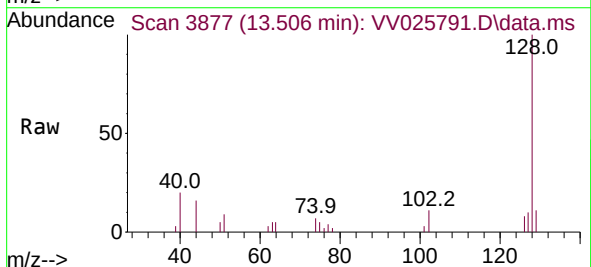
Instrument :
MSVOA_V
ClientSampleId :
VBLK355

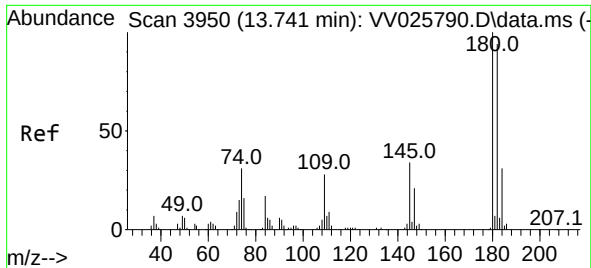
Tgt Ion:180 Resp: 2653
Ion Ratio Lower Upper
180 100
182 86.3 76.6 114.8
145 29.4 24.6 36.8



#71
Naphthalene
Concen: 0.391 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025791.D
Acq: 03 May 2022 14:29

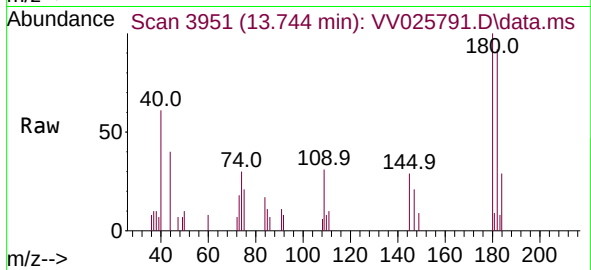
Tgt Ion:128 Resp: 7447
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 10.8 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.242 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV025791.D
 Acq: 03 May 2022 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK355



Tgt Ion:180 Resp: 2647
 Ion Ratio Lower Upper
 180 100
 182 90.5 77.7 116.5
 145 17.2 27.4 41.2#

