

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026437.D
 Acq On : 20 Jun 2022 11:41
 Operator : SY/MD
 Sample : VV0620WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK380

Quant Time: Jun 21 02:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

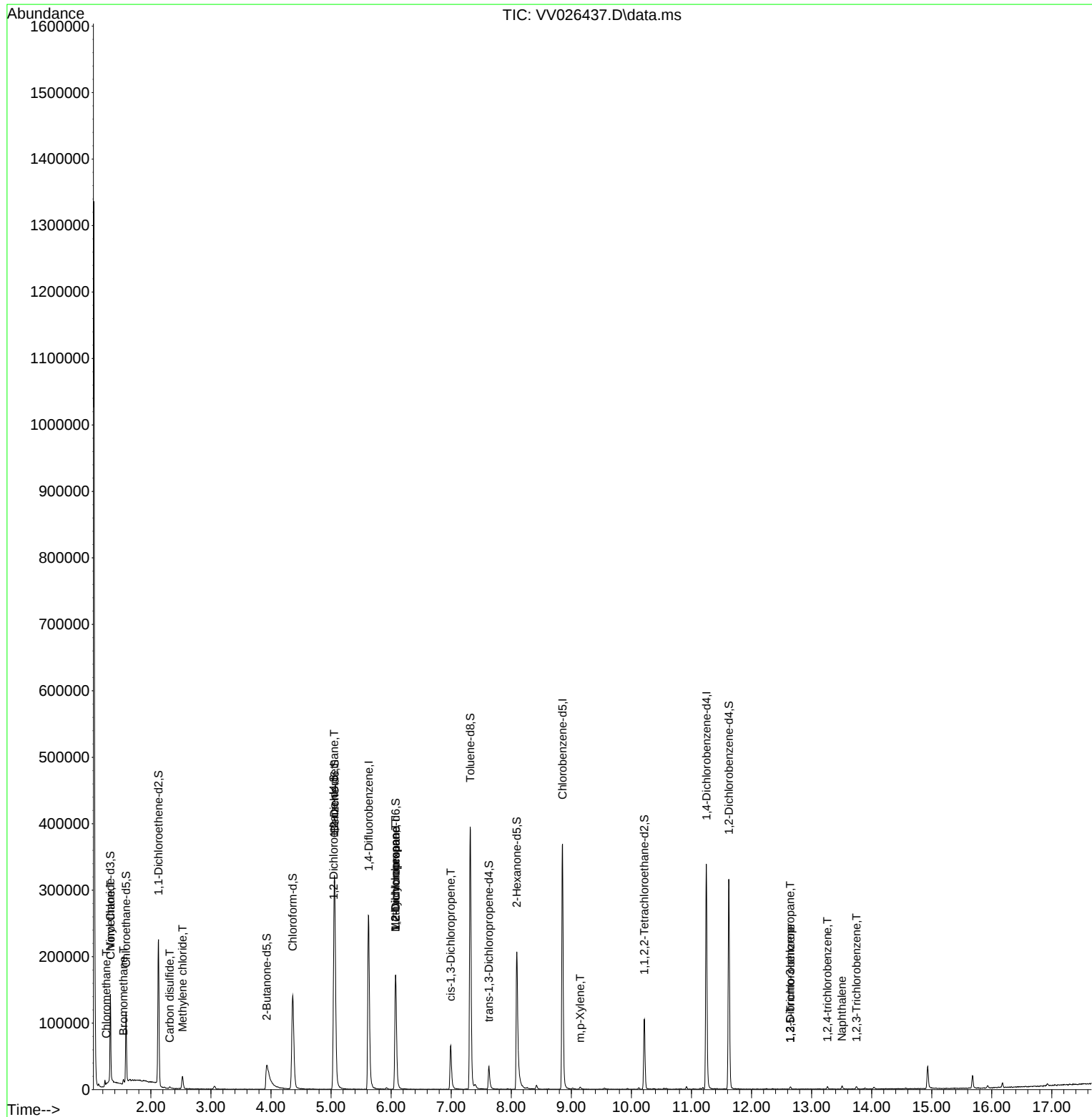
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	242101	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	215794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	79629	3.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.587	69	67702	4.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.127	63	117013	3.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.931	46	93497	45.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.140%
24) Chloroform-d	4.362	84	154035	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.043	65	60879	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.059	84	315373	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.075	67	90987	5.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.317	98	273118	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.628	79	21898	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.091	63	79213	48.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53055	5.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	82868	5.753	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						Qvalue
3) Chloromethane	1.259	50	1436	0.071	ug/L	89
6) Bromomethane	1.545	94	4286	0.367	ug/L	91
8) Chloroethane	1.330	64	2942	0.227	ug/L	96
14) Carbon disulfide	2.314	76	3458	0.092	ug/L	96
16) Methylene chloride	2.526	84	8026	0.411	ug/L	92
27) 1,2-Dichloroethane	5.053	62	1530	0.110	ug/L #	71
35) Methylcyclohexane	6.072	83	21616	1.035	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	9428	0.652	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1433	0.087	ug/L #	52
53) m,p-Xylene	9.146	106	1227	0.054	ug/L	84
68) 1,2-Dibromo-3-chloropr...	12.644	75	164	0.153	ug/L #	3
69) 1,3,5-Trichlorobenzene	12.648	180	1415	0.080	ug/L	93
70) 1,2,4-trichlorobenzene	13.262	180	1372	0.105	ug/L	93
71) Naphthalene	13.506	128	4221	0.233	ug/L	95
72) 1,2,3-Trichlorobenzene	13.747	180	1364	0.125	ug/L #	86

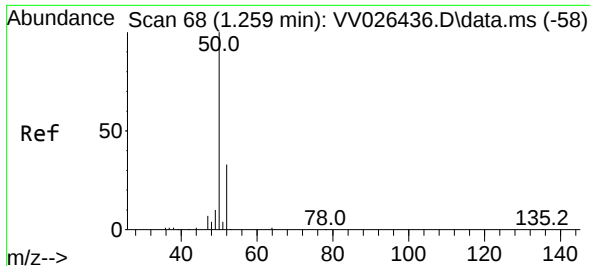
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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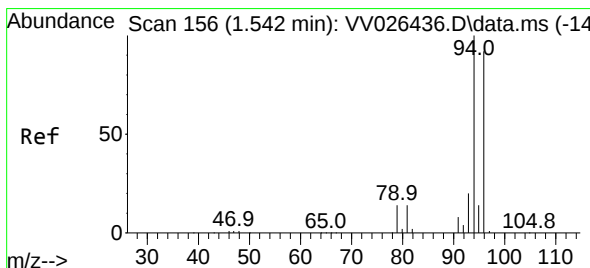
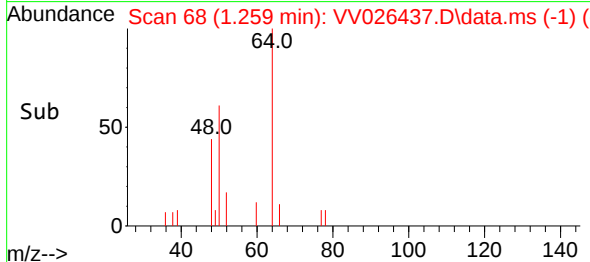
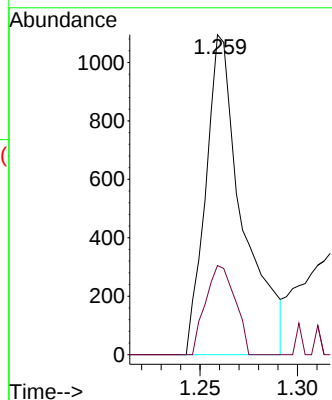
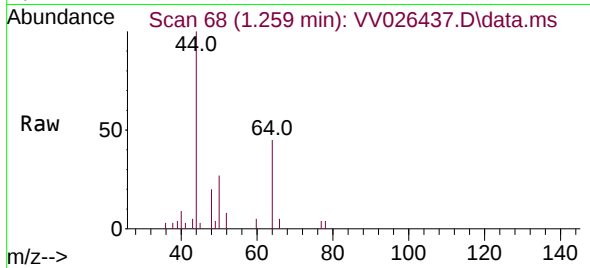




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

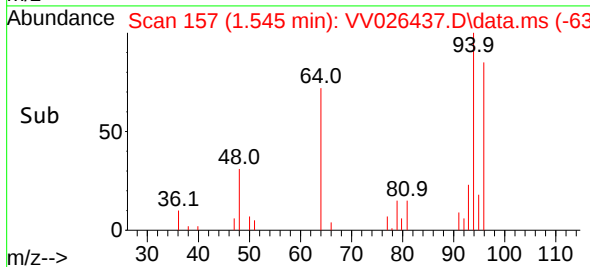
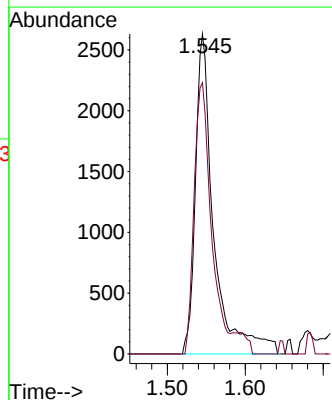
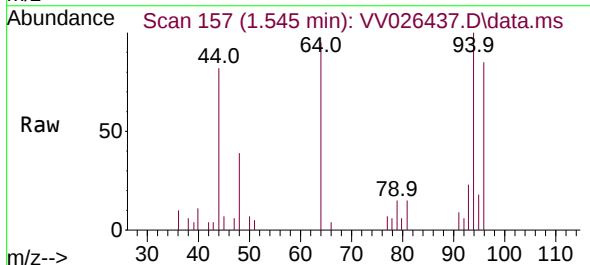
Instrument :
MSVOA_V
ClientSampleId :
VBLK380

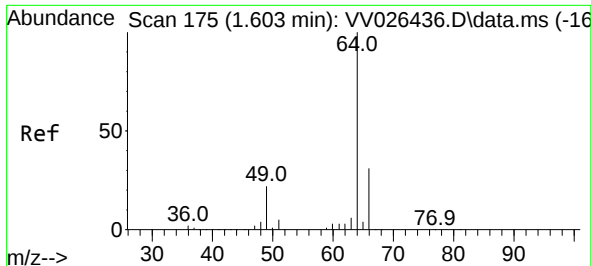
Tgt Ion: 50 Resp: 1436
Ion Ratio Lower Upper
50 100
52 27.9 23.7 44.1



#6
Bromomethane
Concen: 0.367 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

Tgt Ion: 94 Resp: 4286
Ion Ratio Lower Upper
94 100
96 84.8 65.7 121.9

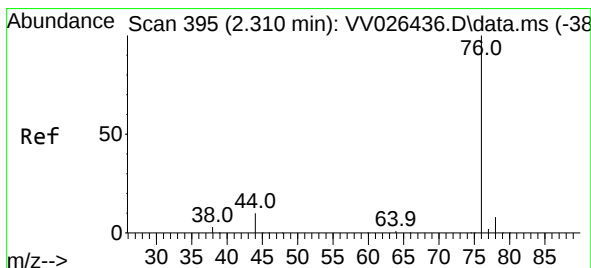
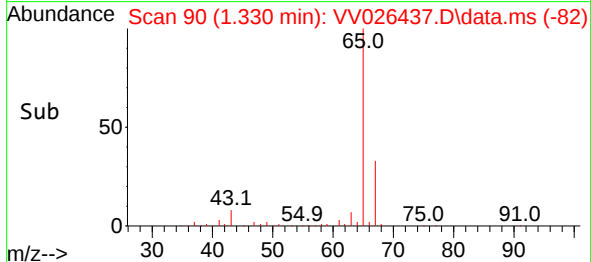
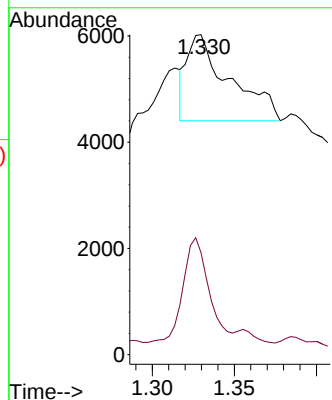
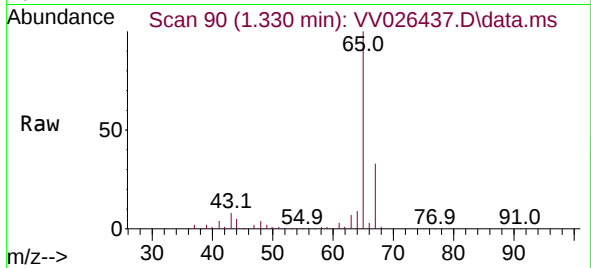




#8
Chloroethane
Concen: 0.227 ug/L
RT: 1.330 min Scan# 90
Delta R.T. -0.273 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

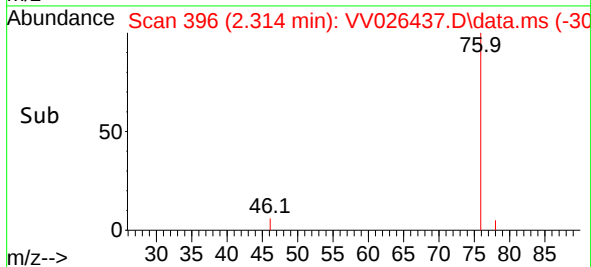
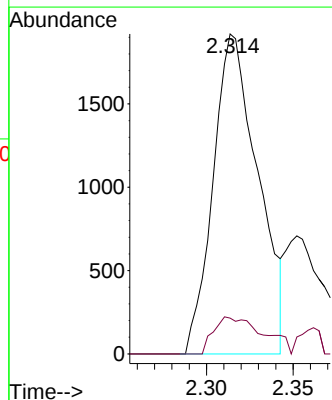
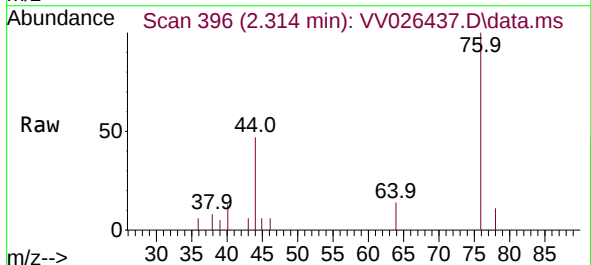
Instrument :
MSVOA_V
ClientSampleId :
VBLK380

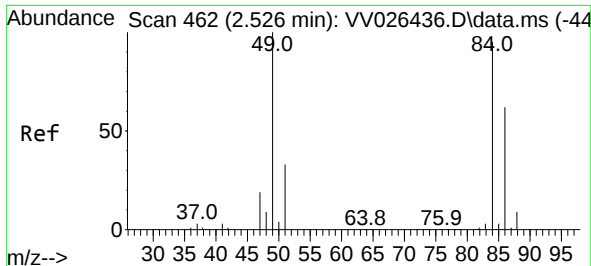
Tgt Ion: 64 Resp: 2942
Ion Ratio Lower Upper
64 100
66 31.9 24.1 44.7



#14
Carbon disulfide
Concen: 0.092 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.003 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

Tgt Ion: 76 Resp: 3458
Ion Ratio Lower Upper
76 100
78 11.2 7.7 11.5

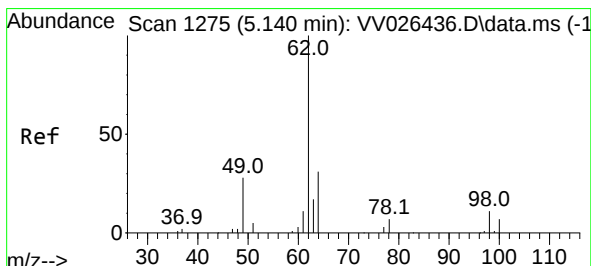
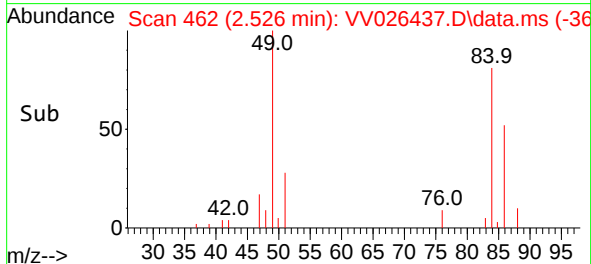
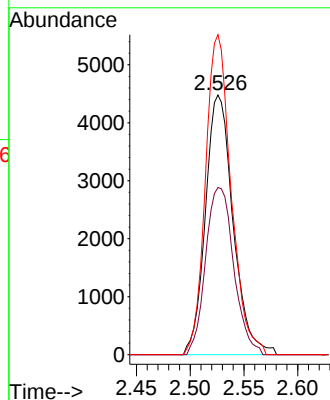
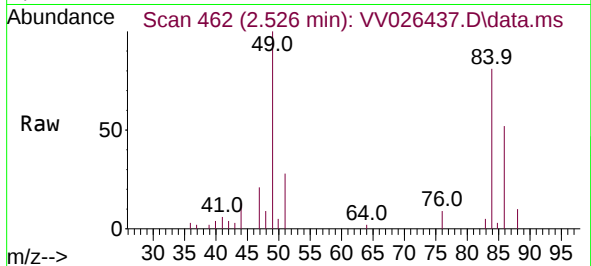




#16
Methylene chloride
Concen: 0.411 ug/L
RT: 2.526 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

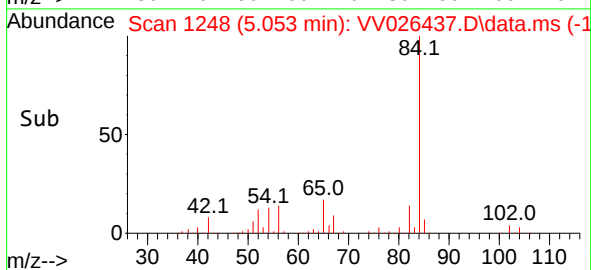
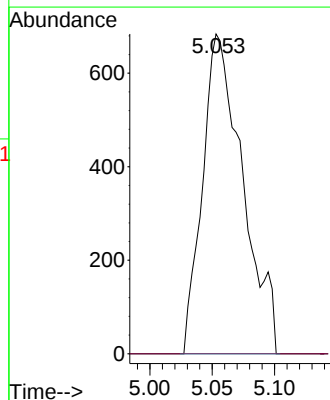
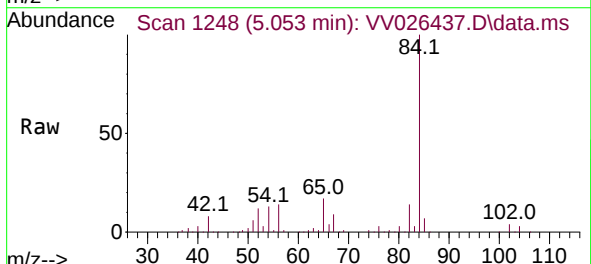
Instrument :
MSVOA_V
ClientSampleId :
VBLK380

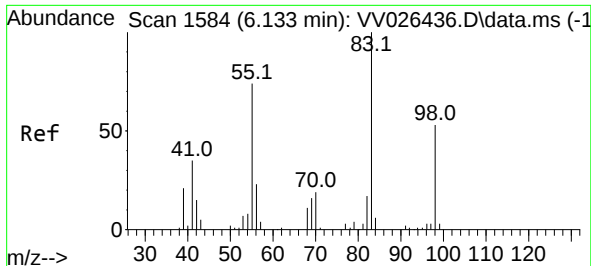
Tgt Ion: 84 Resp: 8026
Ion Ratio Lower Upper
84 100
86 64.4 44.0 81.8
49 123.2 77.3 143.7



#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.087 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

Tgt Ion: 62 Resp: 1530
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#

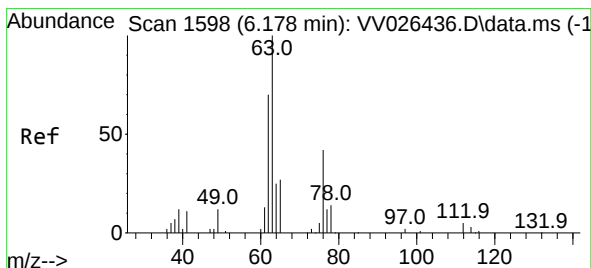
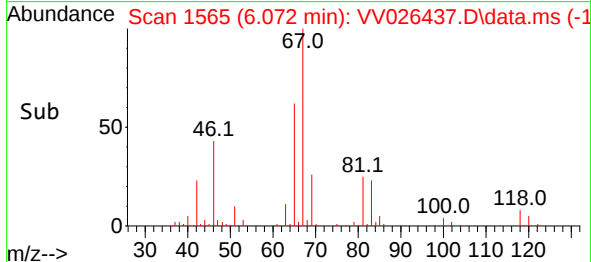
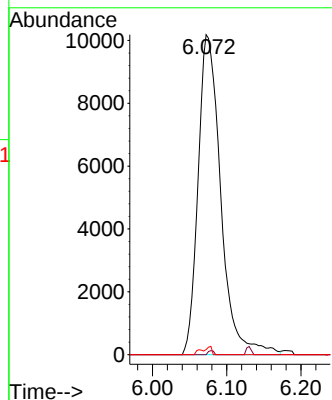
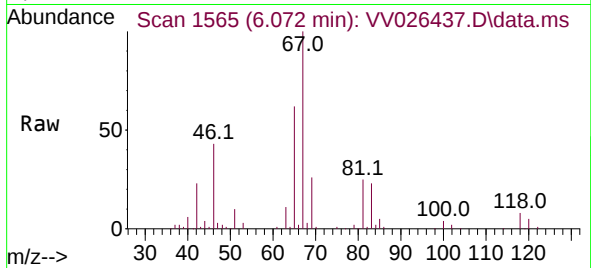




#35
Methylcyclohexane
Concen: 1.035 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

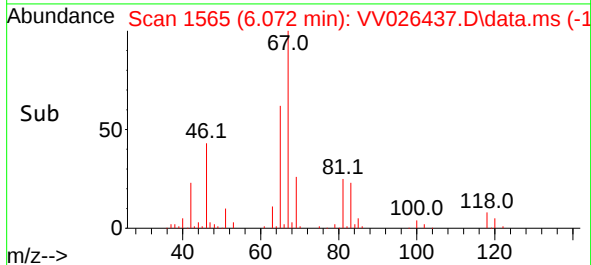
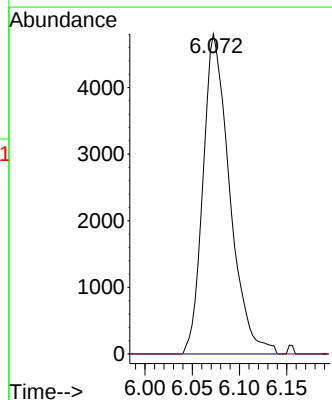
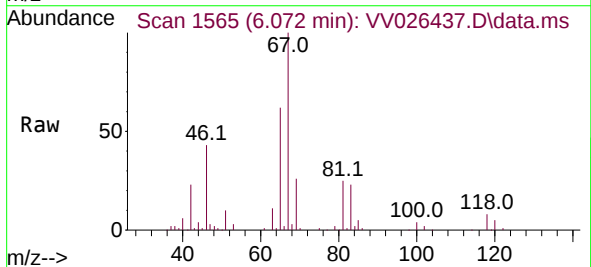
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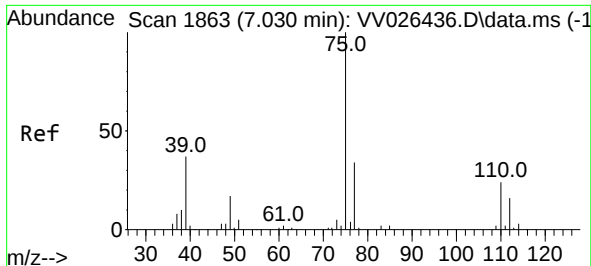
Tgt Ion: 83 Resp: 21616
Ion Ratio Lower Upper
83 100
55 0.3 59.3 88.9#
98 0.6 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV026437.D
Acq: 20 Jun 2022 11:41

Tgt Ion: 63 Resp: 9428
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026437.D

Acq: 20 Jun 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

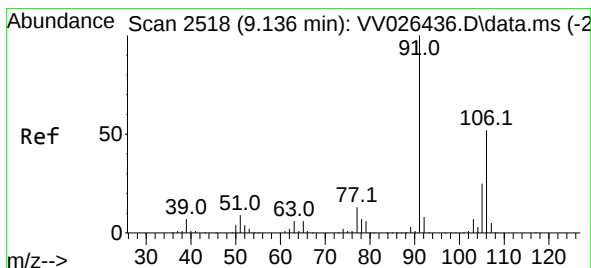
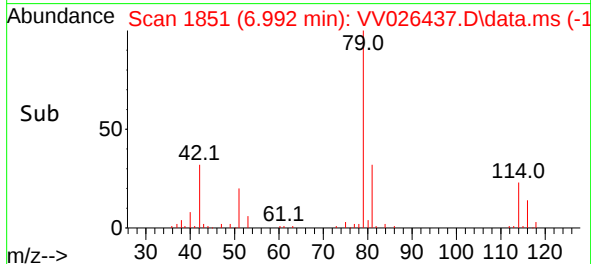
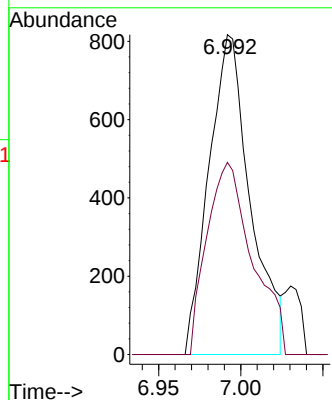
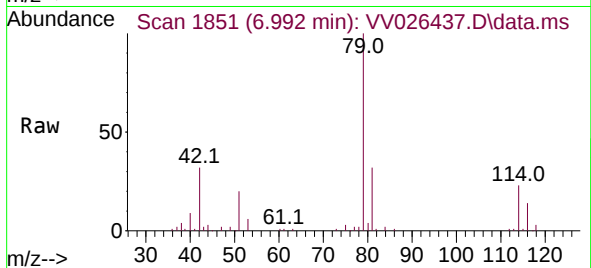
VBLK380

Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

77 60.1 23.0 42.6#



#53

m,p-Xylene

Concen: 0.054 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026437.D

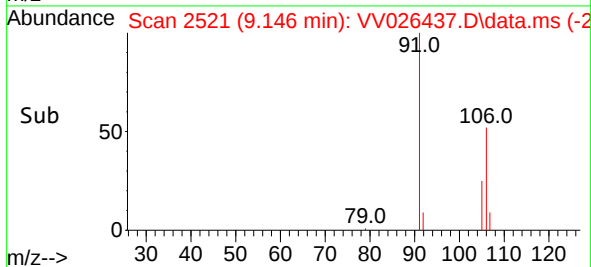
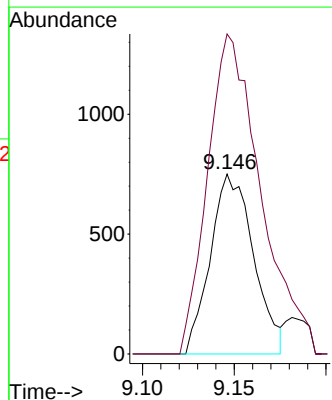
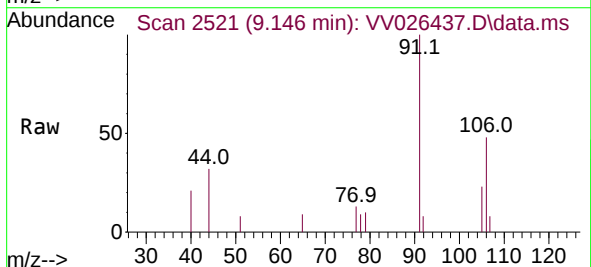
Acq: 20 Jun 2022 11:41

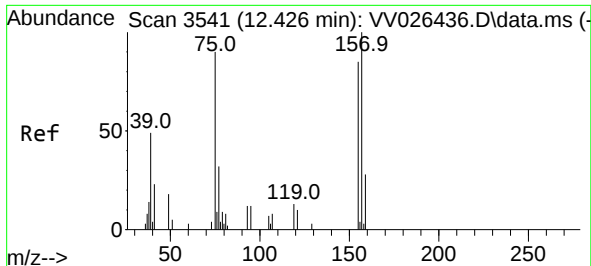
Tgt Ion: 106 Resp: 1227

Ion Ratio Lower Upper

106 100

91 178.0 141.3 262.3

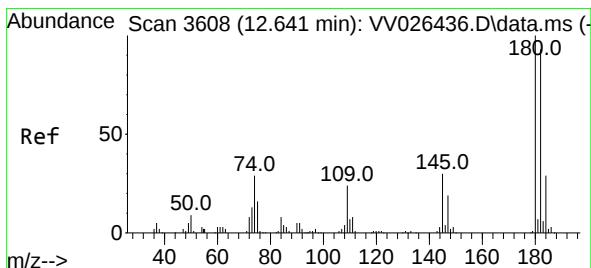
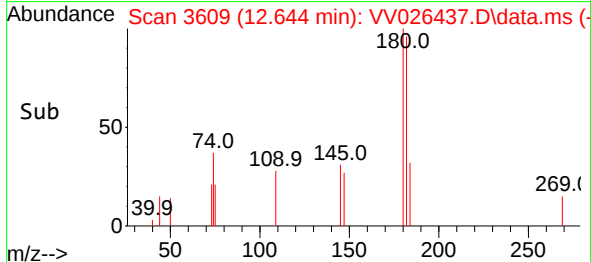
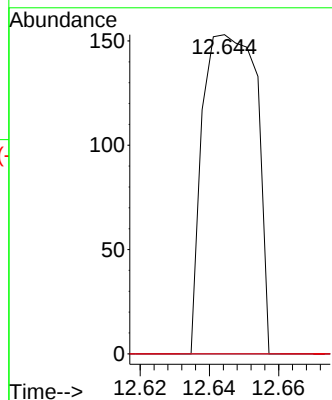
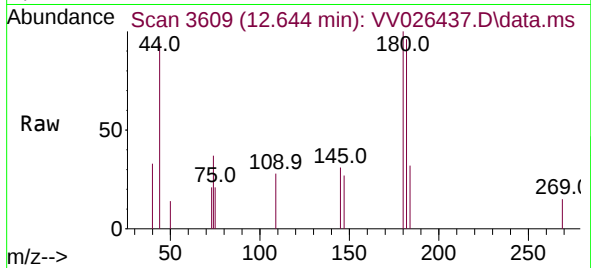




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.153 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.219 min
 Lab File: VV026437.D
 Acq: 20 Jun 2022 11:41

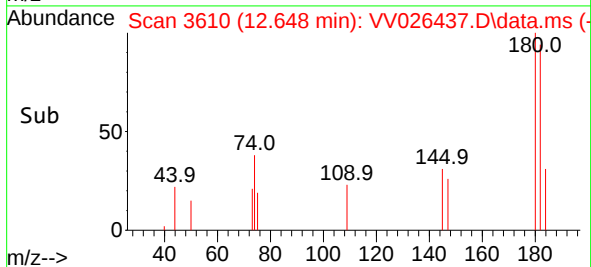
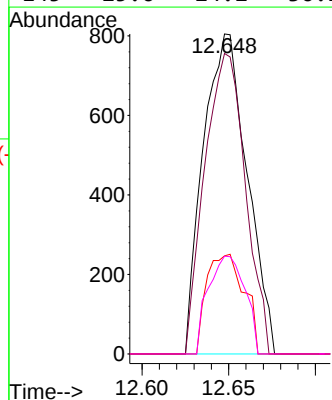
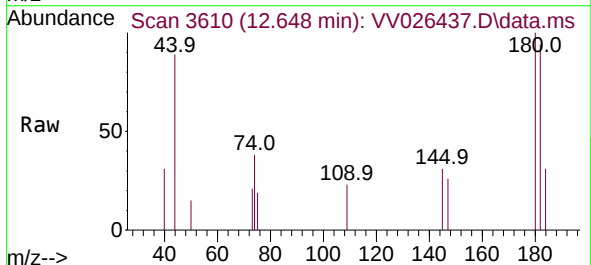
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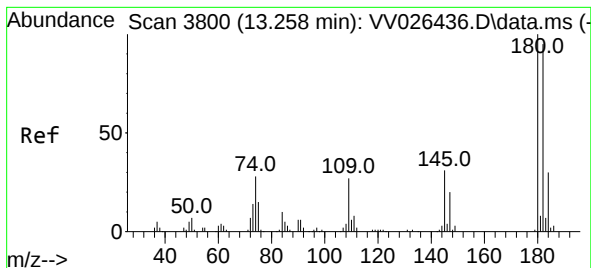
Tgt Ion: 75 Resp: 164
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.080 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.006 min
 Lab File: VV026437.D
 Acq: 20 Jun 2022 11:41

Tgt Ion: 180 Resp: 1415
 Ion Ratio Lower Upper
 180 100
 182 86.9 75.5 113.3
 184 26.6 23.7 35.5
 145 25.6 24.2 36.2





#70

1,2,4-trichlorobenzene

Concen: 0.105 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026437.D

Acq: 20 Jun 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

VBLK380

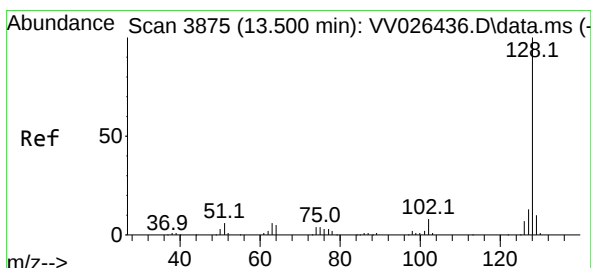
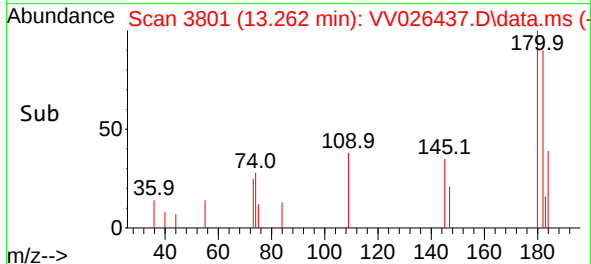
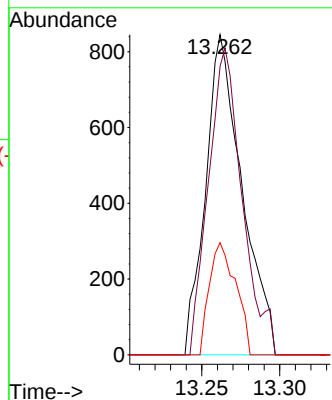
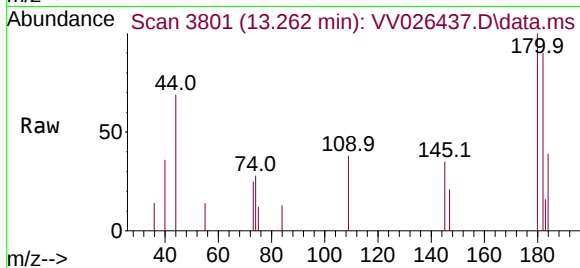
Tgt Ion:180 Resp: 1372

Ion Ratio Lower Upper

180 100

182 88.7 76.2 114.2

145 25.4 23.9 35.9



#71

Naphthalene

Concen: 0.233 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV026437.D

Acq: 20 Jun 2022 11:41

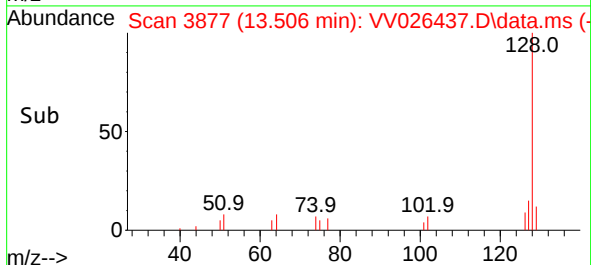
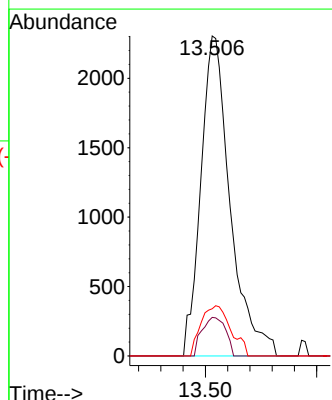
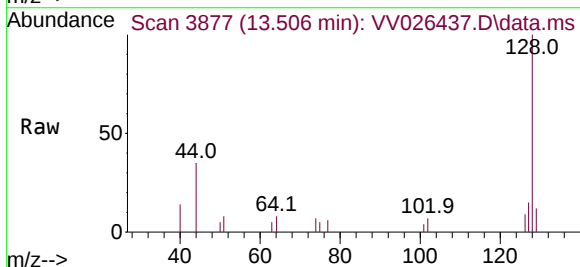
Tgt Ion:128 Resp: 4221

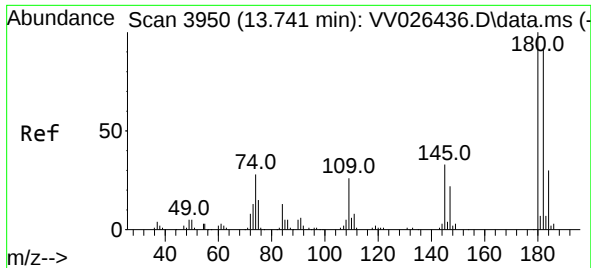
Ion Ratio Lower Upper

128 100

129 9.7 8.7 13.1

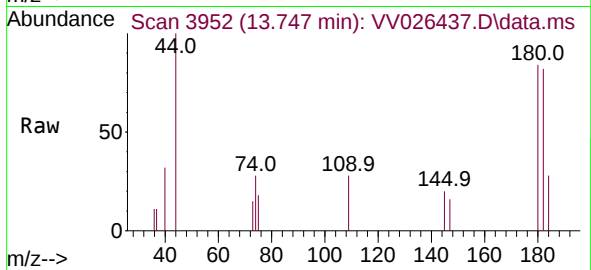
127 15.9 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.125 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV026437.D
 Acq: 20 Jun 2022 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK380



Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	77.9	116.9
145	13.9	26.7	40.1

