

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025776.D
 Acq On : 02 May 2022 19:15
 Operator : SY/MD
 Sample : N2625-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 03 05:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 05:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44089	3.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.571	69	50605	3.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.111	63	70442	2.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.902	46	106505	66.604	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.200%#
24) Chloroform-d	4.352	84	100146	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.034	65	48745	5.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	5.053	84	186970	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.069	67	62451	5.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.317	98	147244	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.628	79	11847	3.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.400%
46) 2-Hexanone-d5	8.088	63	79187	59.514	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40926	5.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50266	5.405	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1118	0.081	ug/L	100
13) Acetone	2.198	43	16273	14.993	ug/L	99
14) Carbon disulfide	2.297	76	5693	0.194	ug/L #	93
15) Methyl Acetate	2.436	43	4931	2.044	ug/L #	48
21) 2-Butanone	4.008	43	3992	2.662	ug/L	72
25) Chloroform	4.384	83	3928	0.214	ug/L	92
30) Cyclohexane	4.677	56	1758	0.117	ug/L #	64
33) Benzene	5.108	78	8834	0.214	ug/L	100
35) Methylcyclohexane	6.072	83	14864	0.850	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	7010	0.734	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	980	0.078	ug/L #	64
42) Toluene	7.394	91	17819	0.397	ug/L	94
47) Tetrachloroethene	7.982	164	1233	0.144	ug/L	89
49) Dibromochloromethane	7.985	129	1209	0.172	ug/L #	11
52) Ethylbenzene	9.017	91	7461	0.156	ug/L	92
53) m,p-Xylene	9.143	106	3559	0.195	ug/L	83
54) o-Xylene	9.551	106	1372	0.078	ug/L	82
61) 1,2,3-Trichloropropane	10.005	75	401	0.110	ug/L #	35
62) 1,3,5-Trimethylbenzene	10.542	105	906	0.059	ug/L	89

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QLast Update : Tue May 03 05:22:31 2022
Response via : Initial Calibration

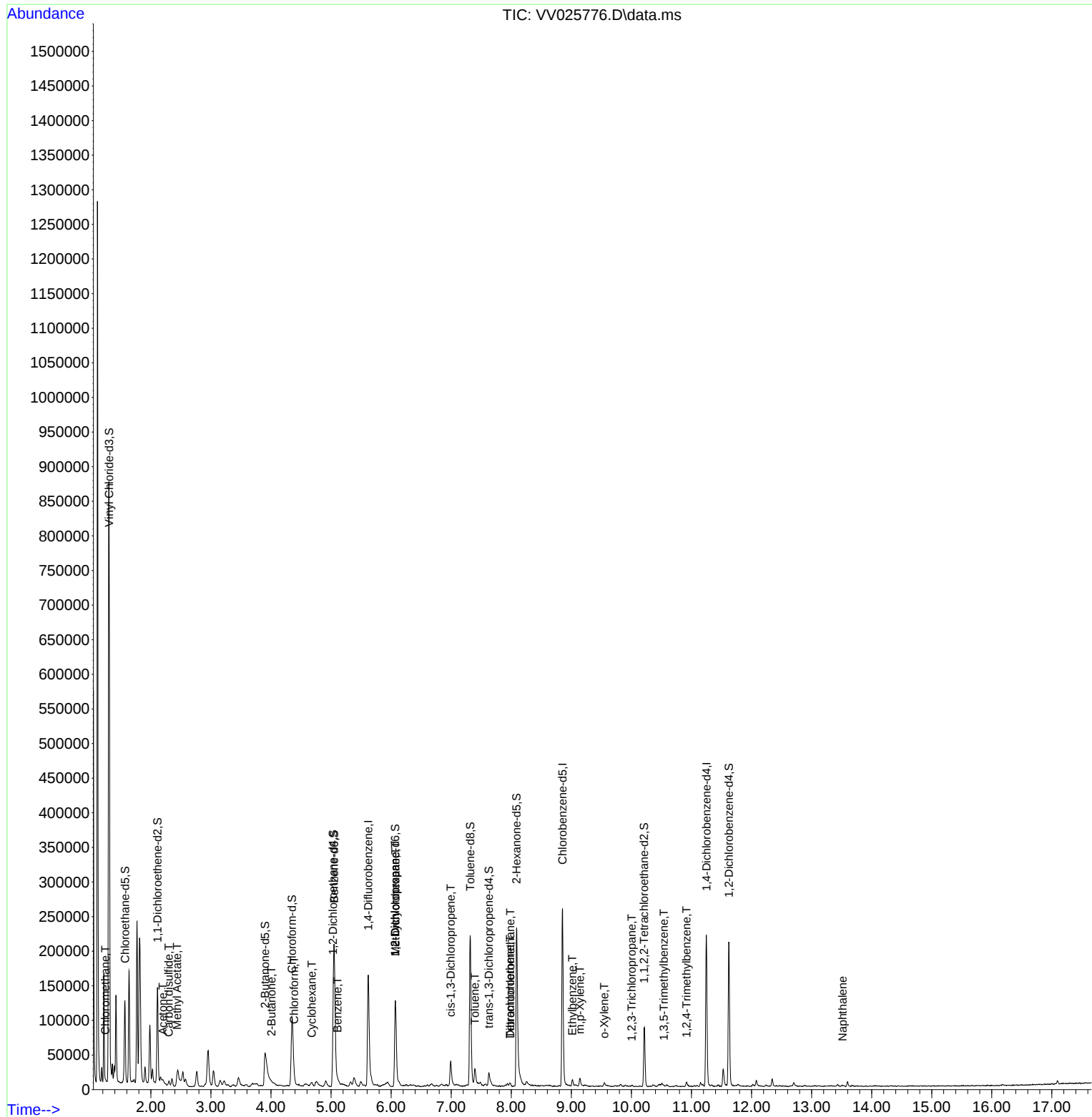
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.918	105	3785	0.137	ug/L	99
71) Naphthalene	13.516	128	1268	0.092	ug/L #	82

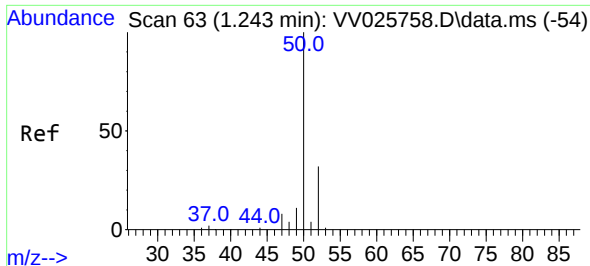
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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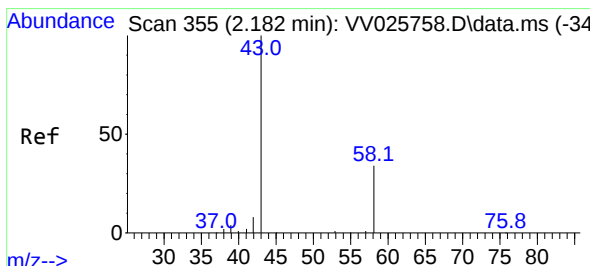
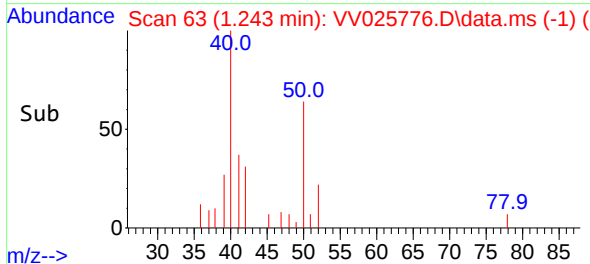
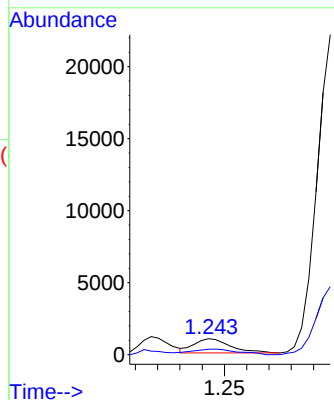
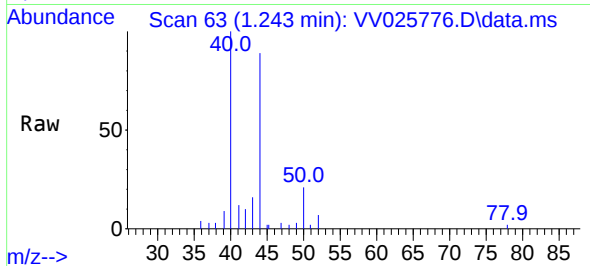




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

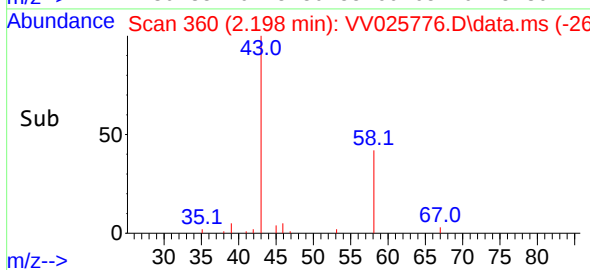
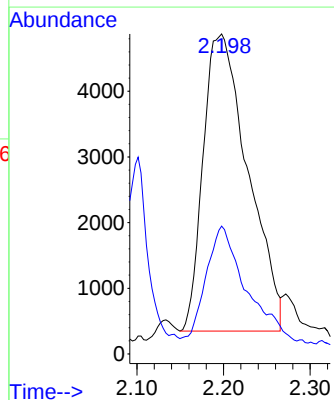
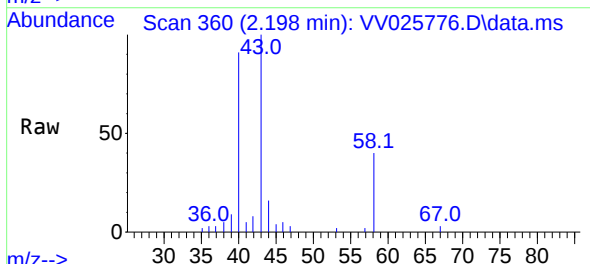
Instrument :
MSVOA_V
ClientSampleId :

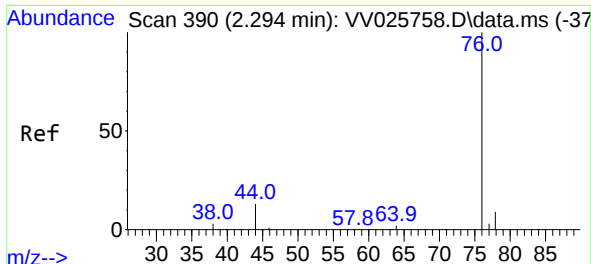
Tgt Ion: 50 Resp: 1118
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



#13
Acetone
Concen: 14.993 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.016 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Tgt Ion: 43 Resp: 16273
Ion Ratio Lower Upper
43 100
58 36.8 0.0 72.2

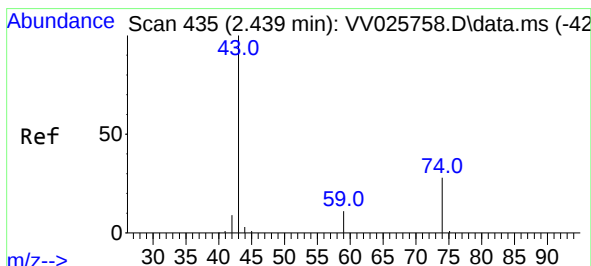
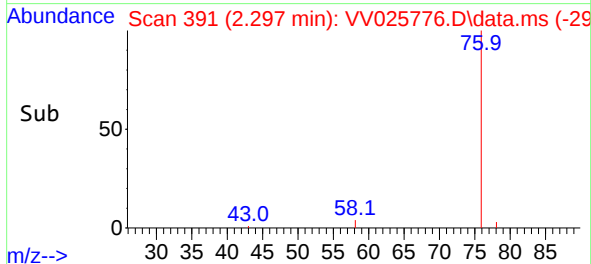
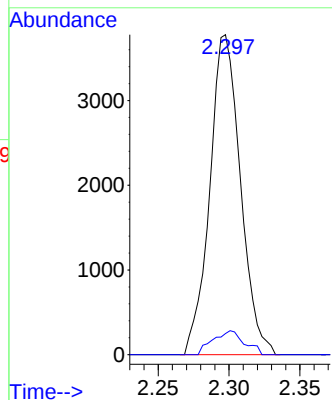
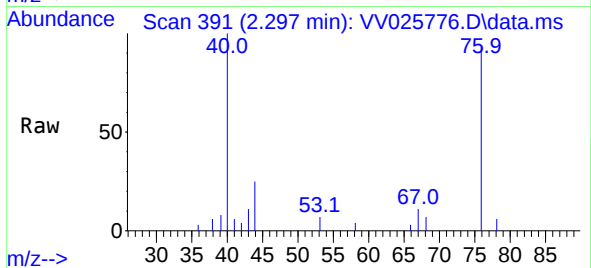




#14
Carbon disulfide
Concen: 0.194 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

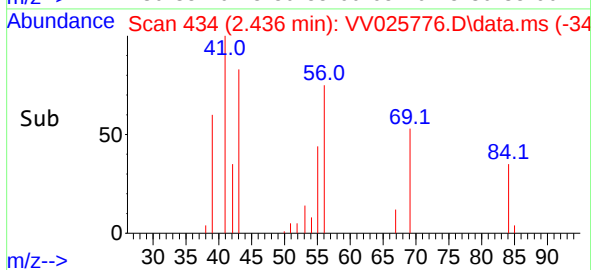
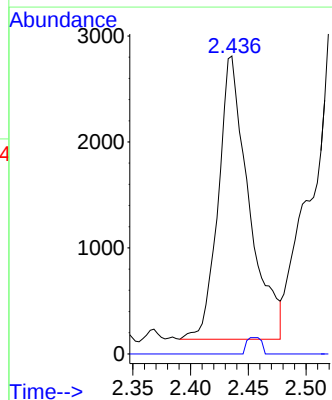
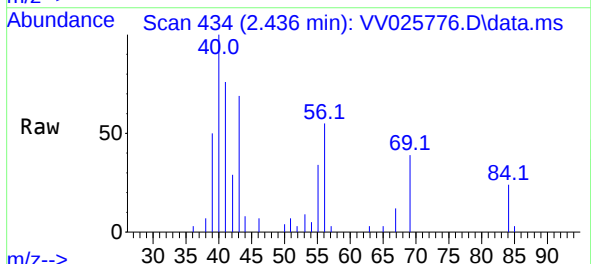
Instrument :
MSVOA_V
ClientSampleId :

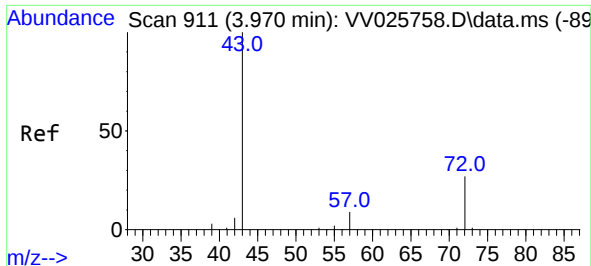
Tgt Ion: 76 Resp: 5693
Ion Ratio Lower Upper
76 100
78 6.6 7.3 10.9#



#15
Methyl Acetate
Concen: 2.044 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Tgt Ion: 43 Resp: 4931
Ion Ratio Lower Upper
43 100
74 2.8 25.2 37.8#





#21

2-Butanone

Concen: 2.662 ug/L

RT: 4.008 min Scan# 911

Delta R.T. 0.038 min

Lab File: VV025776.D

Acq: 02 May 2022 19:15

Instrument :

MSVOA_V

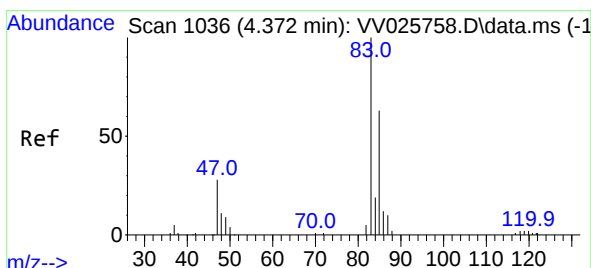
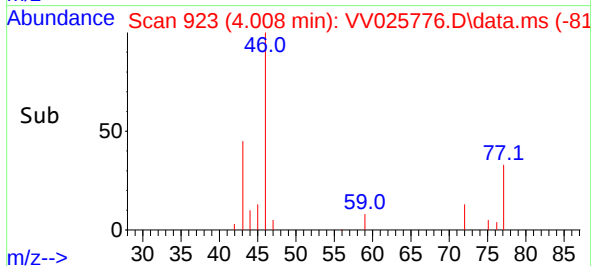
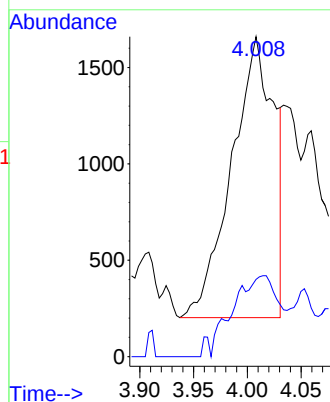
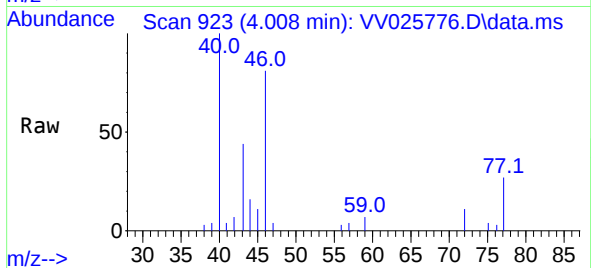
ClientSampleId :

Tgt Ion: 43 Resp: 3992

Ion Ratio Lower Upper

43 100

72 15.3 15.2 45.6



#25

Chloroform

Concen: 0.214 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV025776.D

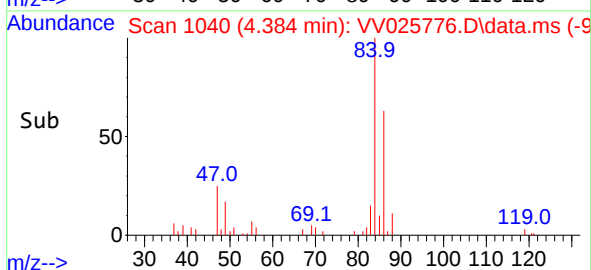
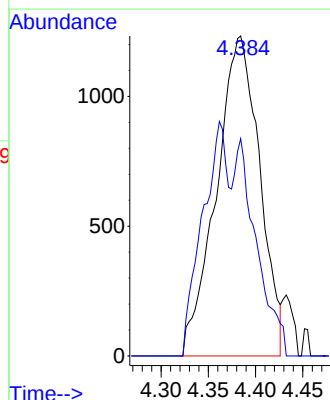
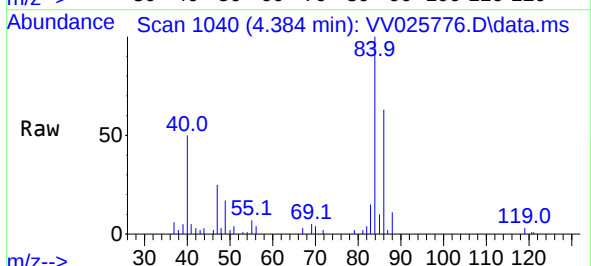
Acq: 02 May 2022 19:15

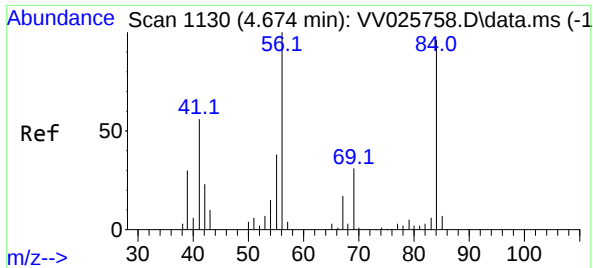
Tgt Ion: 83 Resp: 3928

Ion Ratio Lower Upper

83 100

85 67.9 43.5 80.7





#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025776.D

Acq: 02 May 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

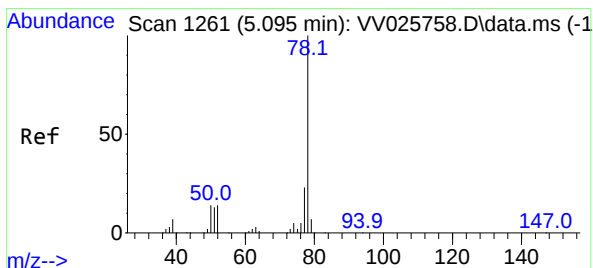
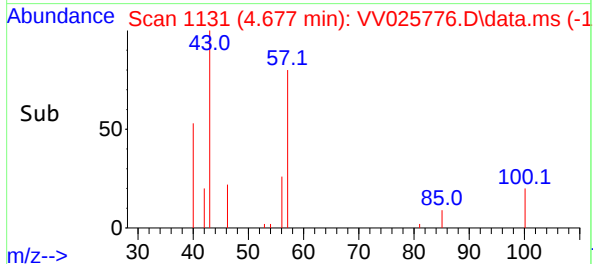
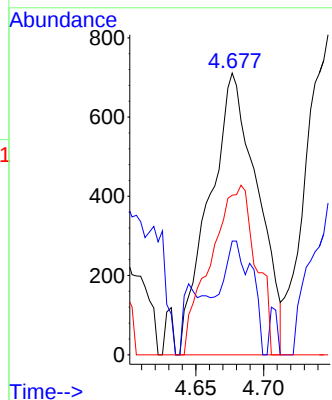
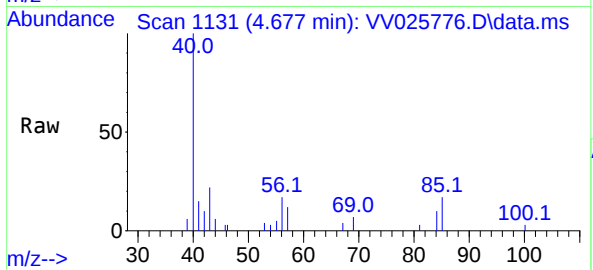
Tgt Ion: 56 Resp: 1758

Ion Ratio Lower Upper

56 100

69 23.8 26.1 39.1#

84 56.4 78.6 118.0#



#33

Benzene

Concen: 0.214 ug/L

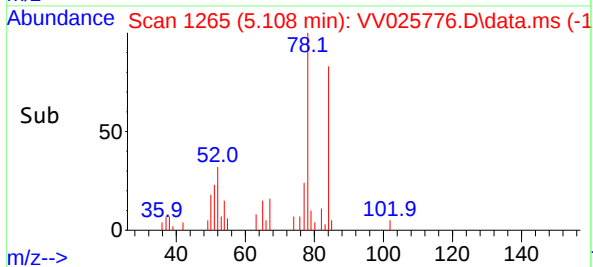
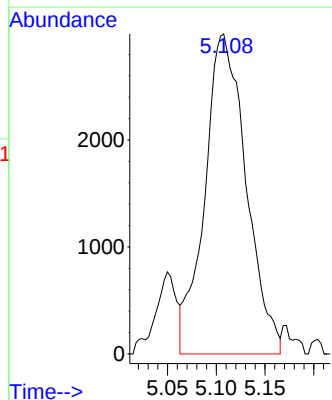
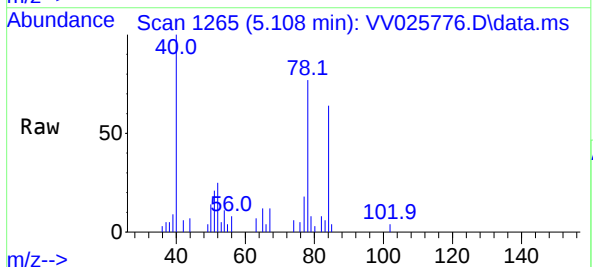
RT: 5.108 min Scan# 1265

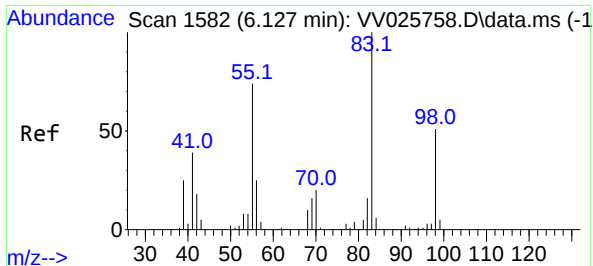
Delta R.T. 0.013 min

Lab File: VV025776.D

Acq: 02 May 2022 19:15

Tgt Ion: 78 Resp: 8834





#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

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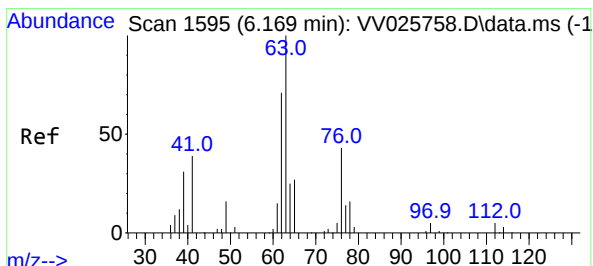
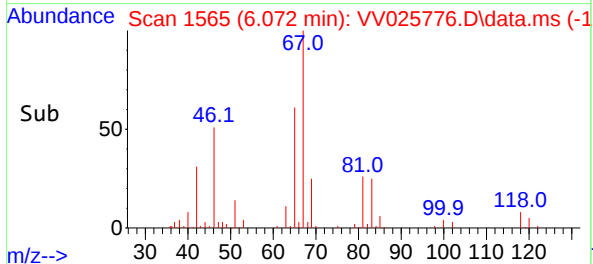
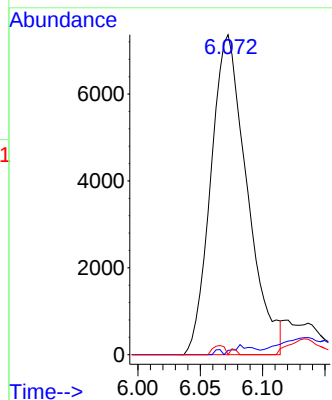
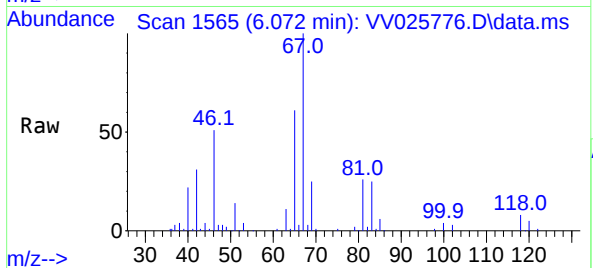
Tgt Ion: 83 Resp: 14864

Ion Ratio Lower Upper

83 100

55 1.6 53.7 80.5#

98 0.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.734 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025776.D

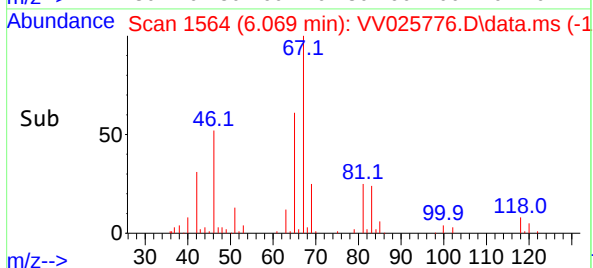
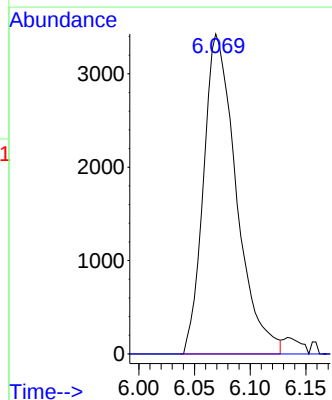
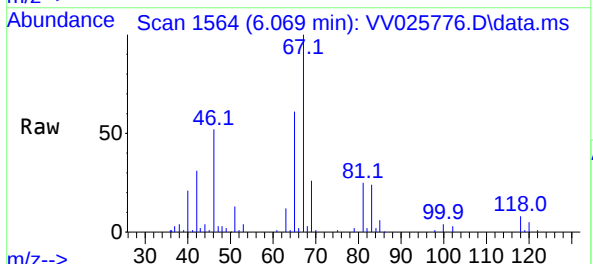
Acq: 02 May 2022 19:15

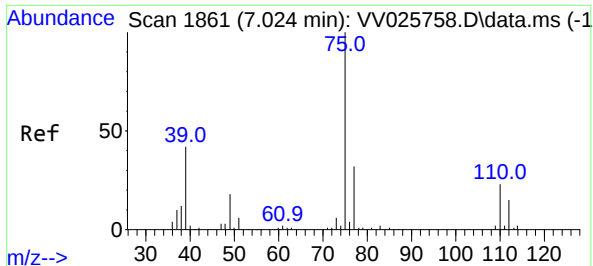
Tgt Ion: 63 Resp: 7010

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025776.D

Acq: 02 May 2022 19:15

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MSVOA_V

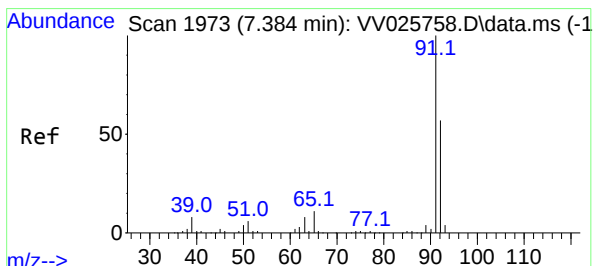
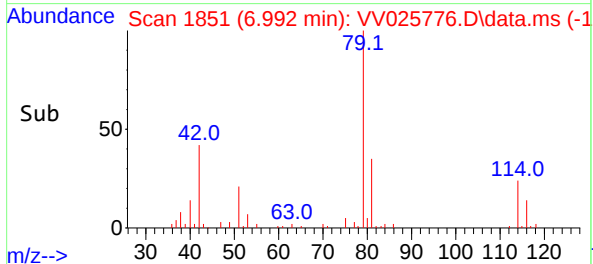
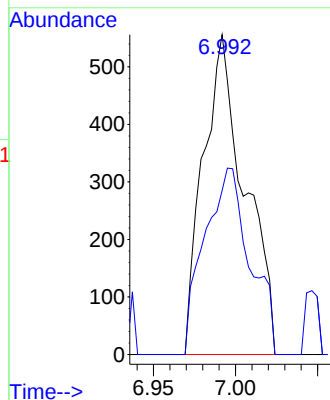
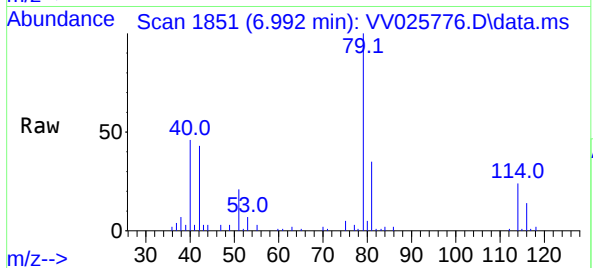
ClientSampleId :

Tgt Ion: 75 Resp: 980

Ion Ratio Lower Upper

75 100

77 51.3 21.8 40.6#



#42

Toluene

Concen: 0.397 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.009 min

Lab File: VV025776.D

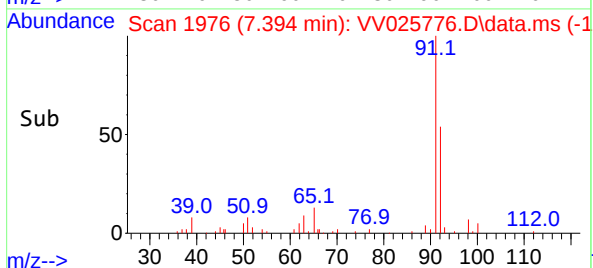
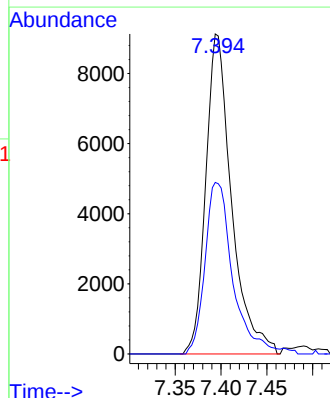
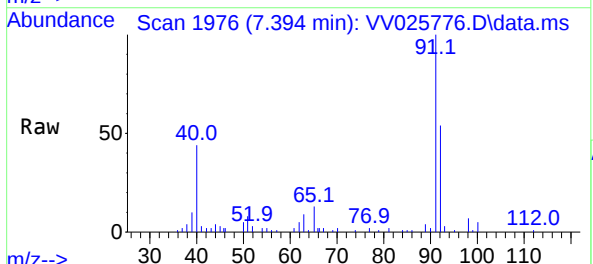
Acq: 02 May 2022 19:15

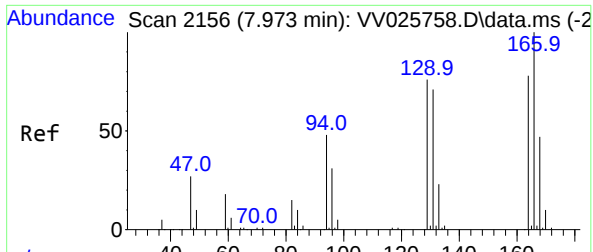
Tgt Ion: 91 Resp: 17819

Ion Ratio Lower Upper

91 100

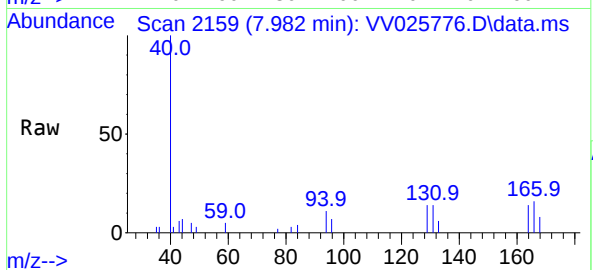
92 53.6 40.8 75.8



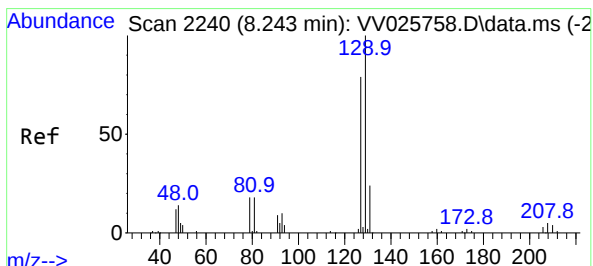
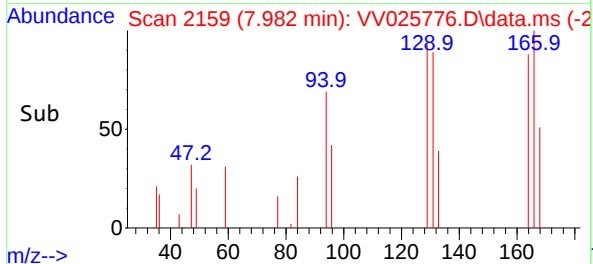
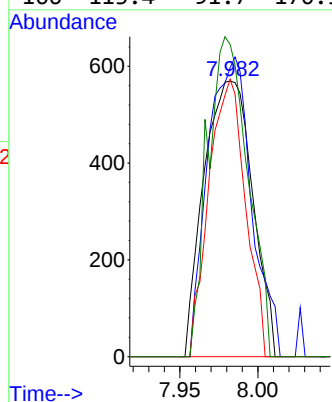


#47
Tetrachloroethene
Concen: 0.144 ug/L
RT: 7.982 min Scan# 2156
Delta R.T. 0.009 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Instrument :
MSVOA_V
ClientSampleId :

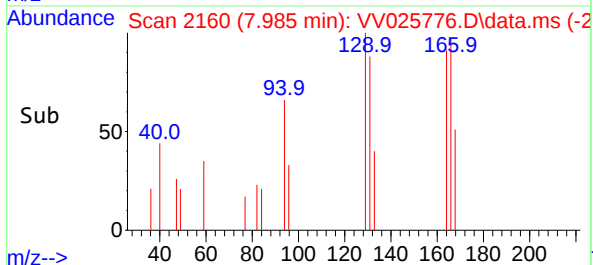
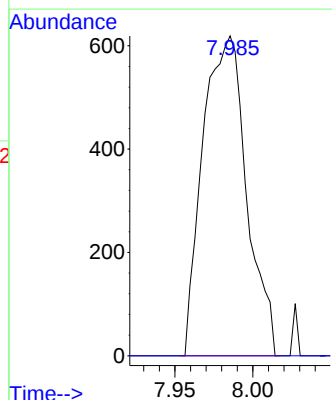
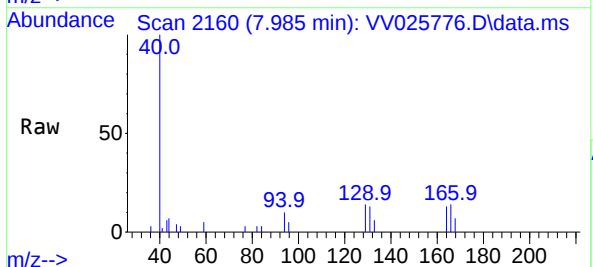


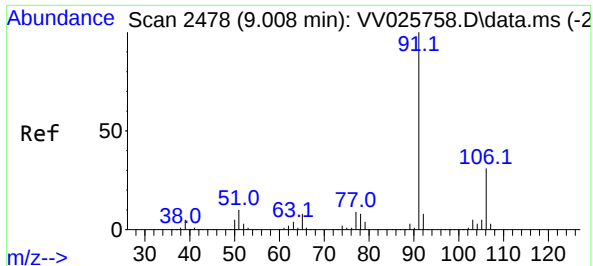
Tgt Ion:164 Resp: 1233
Ion Ratio Lower Upper
164 100
129 104.9 66.8 124.2
131 100.7 66.4 123.4
166 113.4 91.7 170.3



#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. -0.257 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Tgt Ion:129 Resp: 1209
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#

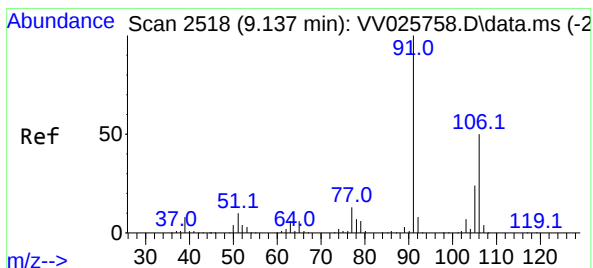
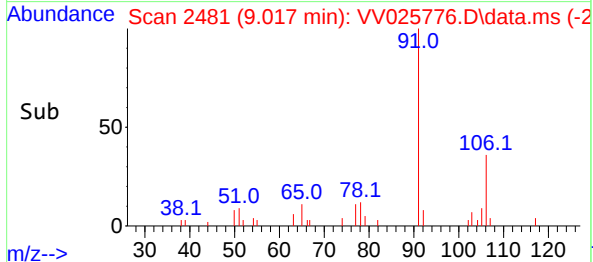
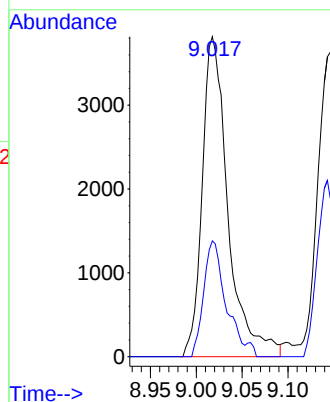
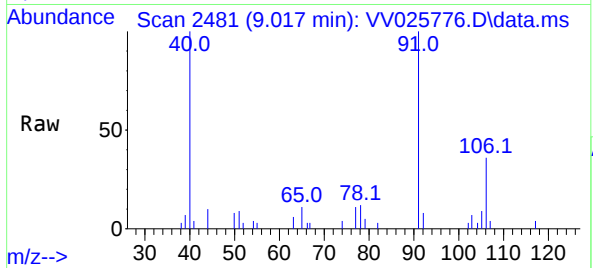




#52
Ethylbenzene
Concen: 0.156 ug/L
RT: 9.017 min Scan# 2478
Delta R.T. 0.009 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

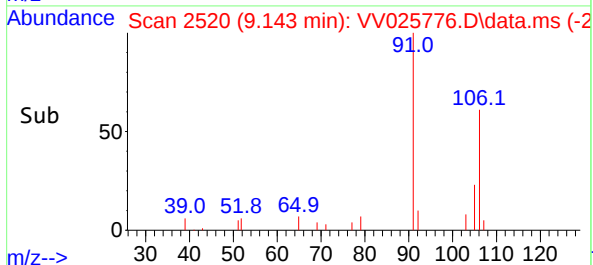
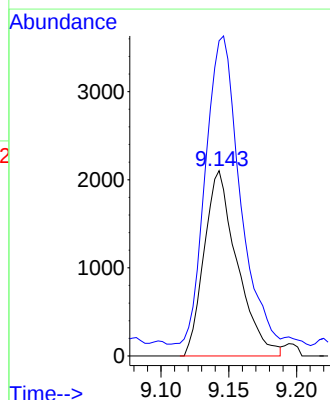
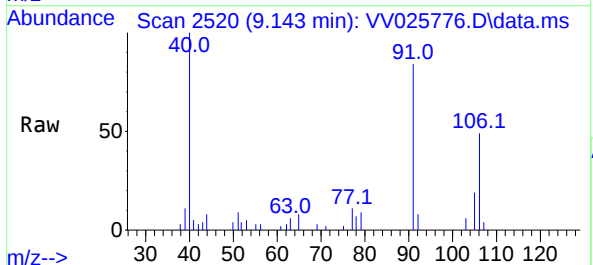
Instrument :
MSVOA_V
ClientSampleId :

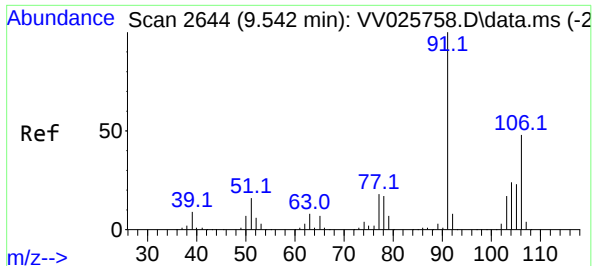
Tgt Ion: 91 Resp: 7461
Ion Ratio Lower Upper
91 100
106 36.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Tgt Ion: 106 Resp: 3559
Ion Ratio Lower Upper
106 100
91 170.1 136.4 253.4

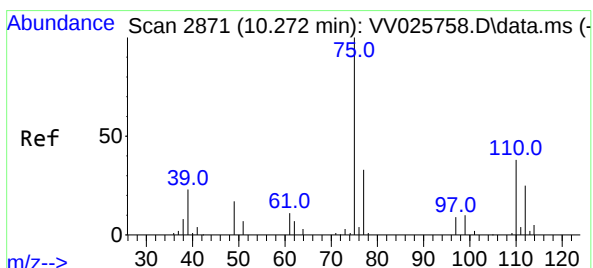
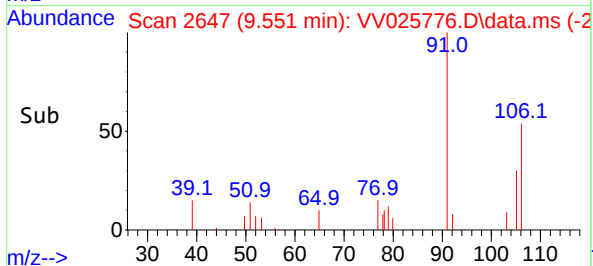
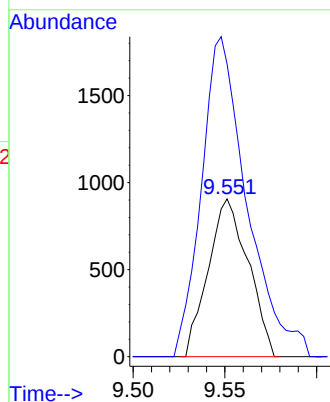
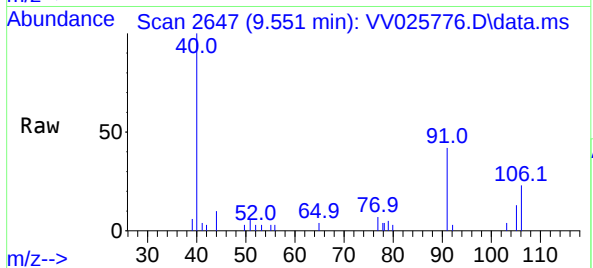




#54
o-Xylene
Concen: 0.078 ug/L
RT: 9.551 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

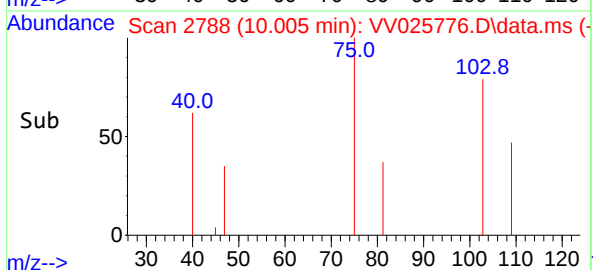
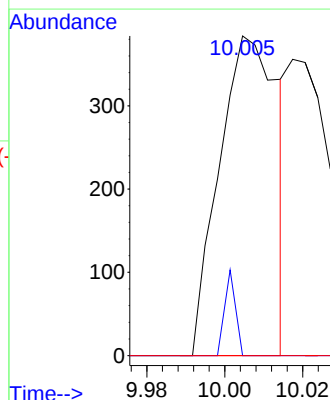
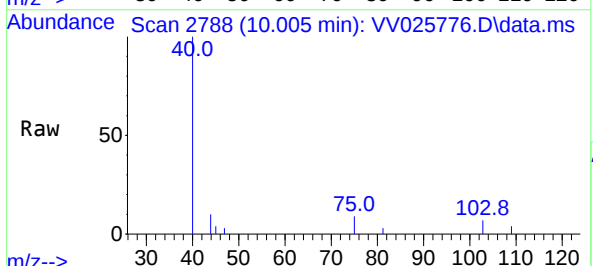
Instrument :
MSVOA_V
ClientSampleId :

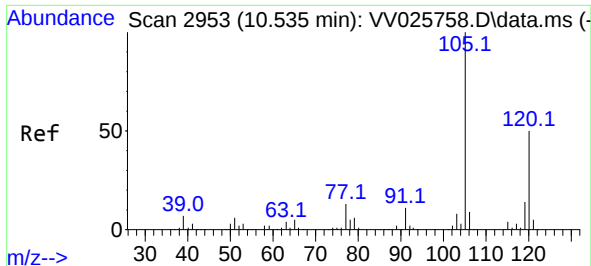
Tgt Ion:106 Resp: 1372
Ion Ratio Lower Upper
106 100
91 185.7 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 0.110 ug/L
RT: 10.005 min Scan# 2788
Delta R.T. -0.267 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Tgt Ion: 75 Resp: 401
Ion Ratio Lower Upper
75 100
77 66.8 25.6 38.4#
110 0.0 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.059 ug/L

RT: 10.542 min Scan# 2953

Delta R.T. 0.006 min

Lab File: VV025776.D

Acq: 02 May 2022 19:15

Instrument :

MSVOA_V

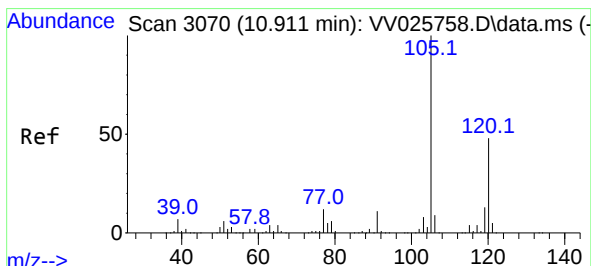
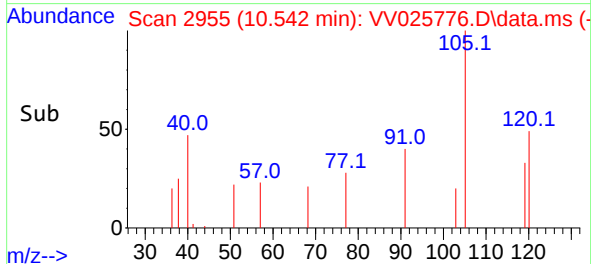
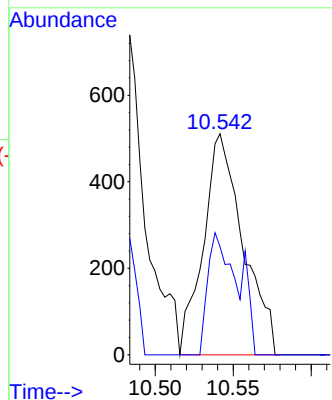
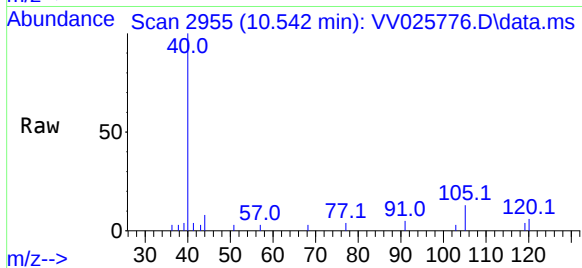
ClientSampleId :

Tgt Ion:105 Resp: 906

Ion Ratio Lower Upper

105 100

120 41.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.137 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV025776.D

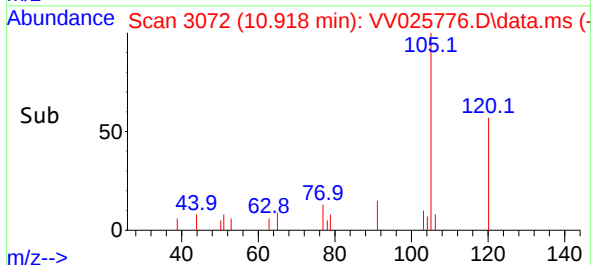
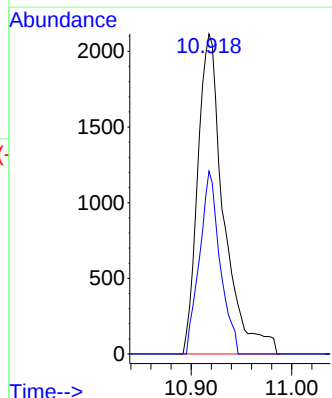
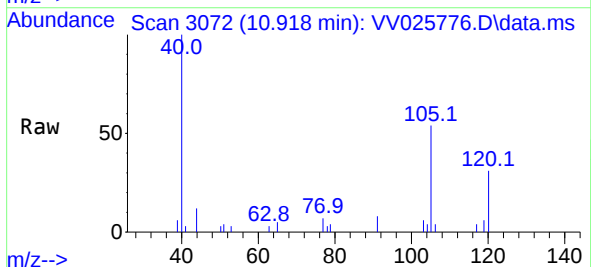
Acq: 02 May 2022 19:15

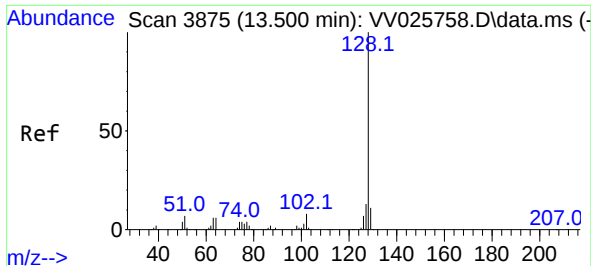
Tgt Ion:105 Resp: 3785

Ion Ratio Lower Upper

105 100

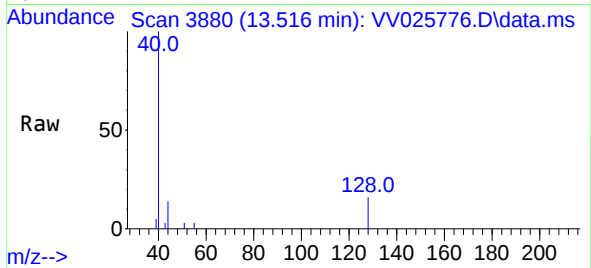
120 45.0 36.6 55.0





#71
Naphthalene
Concen: 0.092 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV025776.D
Acq: 02 May 2022 19:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1268
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	9.3	10.4	15.6#

