

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023866.D
 Acq On : 09 Dec 2021 17:06
 Operator : SY/MD
 Sample : M4984-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:43:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

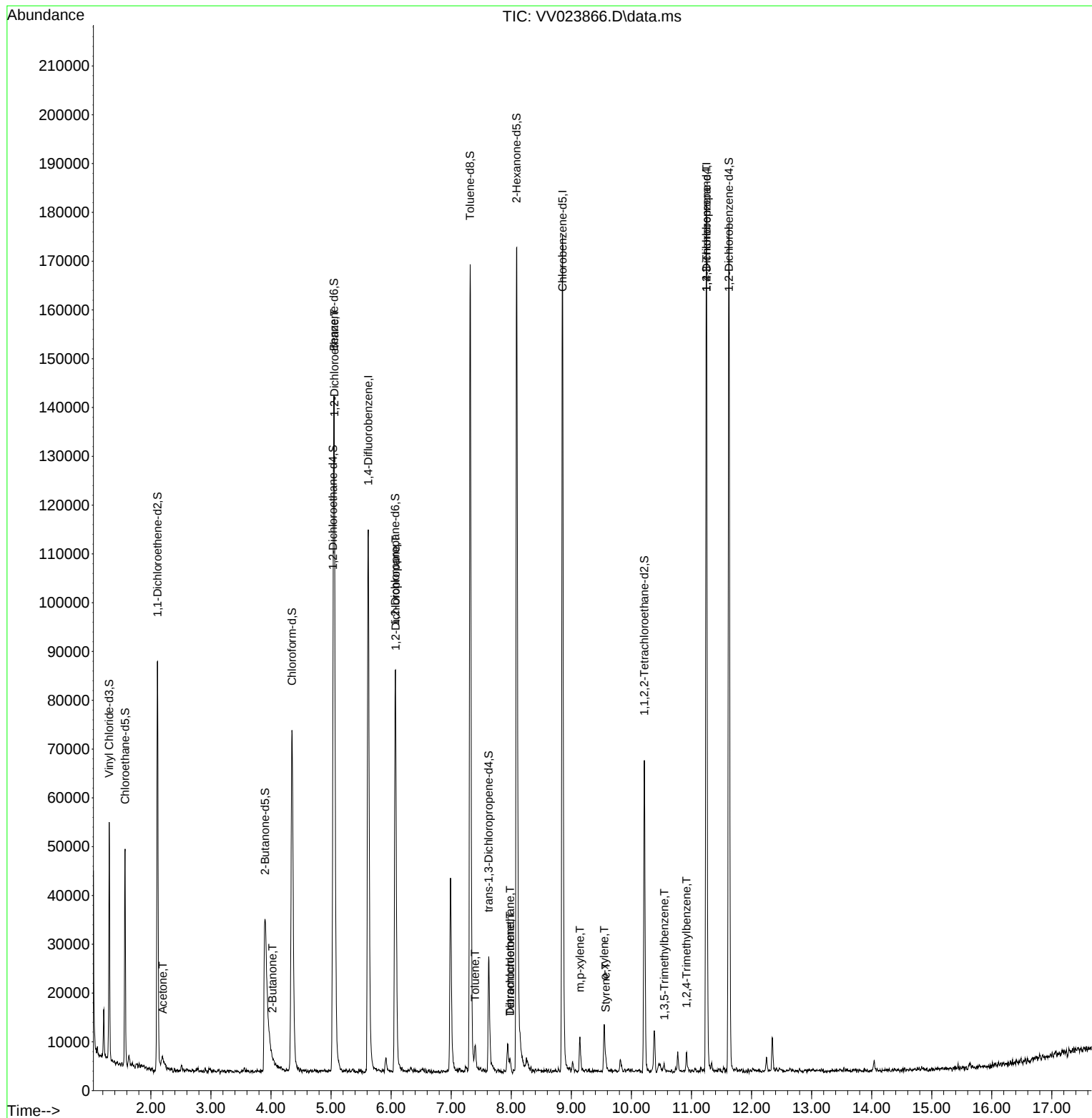
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101384	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	99483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27028	3.247	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.000%	
7) Chloroethane-d5	1.571	69	26670	4.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.111	63	41800	2.850	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.000%#	
20) 2-Butanone-d5	3.902	46	73932	73.893	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	147.780%#	
24) Chloroform-d	4.349	84	69615	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.034	65	33759	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.050	84	126334	4.662	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.069	67	38859	5.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.316	98	110757	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.625	79	13929	4.548	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.088	63	62315	61.245	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28651	5.241	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47665	5.405	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
					Qvalue	
13) Acetone	2.198	43	5150	5.720	ug/L	83
21) 2-Butanone	4.024	43	1384	1.215	ug/L	86
27) 1,2-Dichloroethane	5.056	62	827	0.107	ug/L #	73
37) 1,2-Dichloropropane	6.075	63	4685	0.695	ug/L #	84
42) Toluene	7.400	91	4087	0.133	ug/L	96
47) Tetrachloroethene	7.982	164	637	0.092	ug/L	78
49) Dibromochloromethane	7.982	129	602	0.094	ug/L #	11
53) m,p-xylene	9.143	106	2075	0.162	ug/L	95
54) o-xylene	9.548	106	2251	0.185	ug/L	86
55) Styrene	9.574	104	1629	0.079	ug/L	100
61) 1,2,3-Trichloropropane	11.249	75	4947	1.399	ug/L #	59
62) 1,3,5-Trimethylbenzene	10.548	105	1255	0.051	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	2366	0.097	ug/L	93

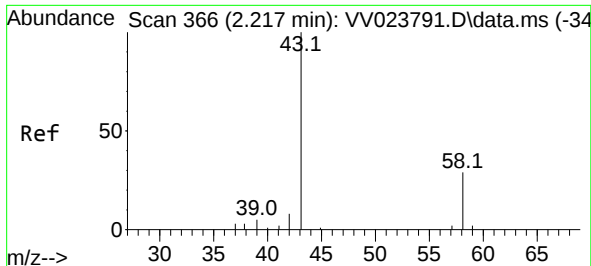
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.720 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.026 min

Lab File: VV023866.D

Acq: 09 Dec 2021 17:06

Instrument :

MSVOA_V

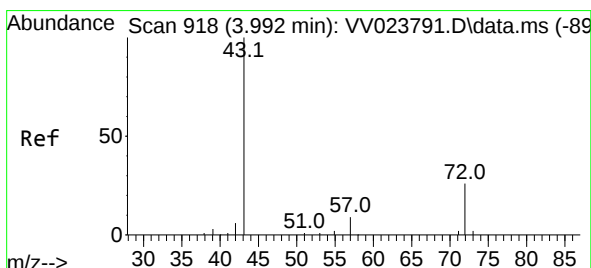
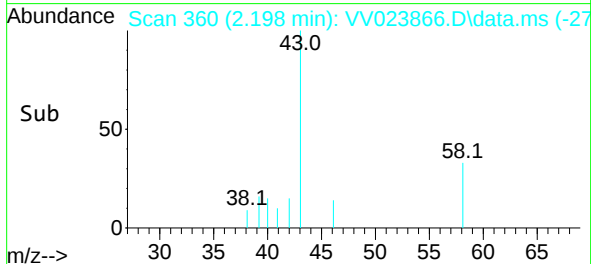
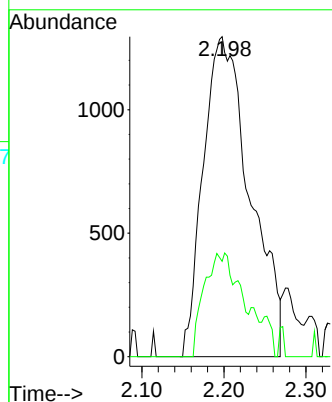
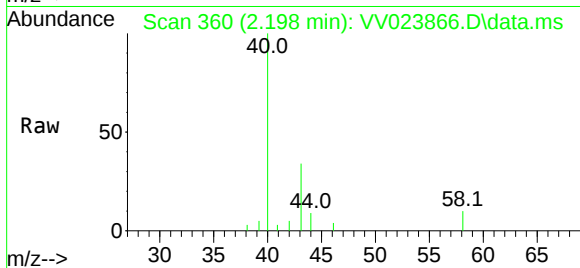
ClientSampleId :

Tgt Ion: 43 Resp: 5150

Ion Ratio Lower Upper

43 100

58 12.8 0.0 41.4



#21

2-Butanone

Concen: 1.215 ug/L

RT: 4.024 min Scan# 928

Delta R.T. 0.022 min

Lab File: VV023866.D

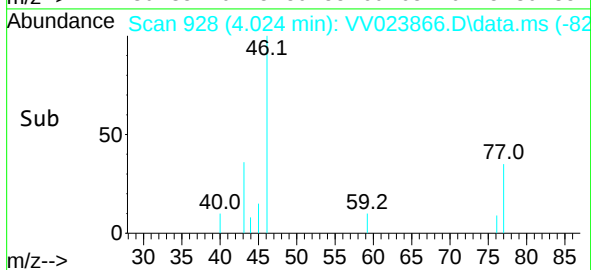
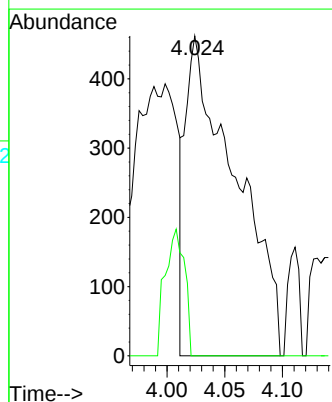
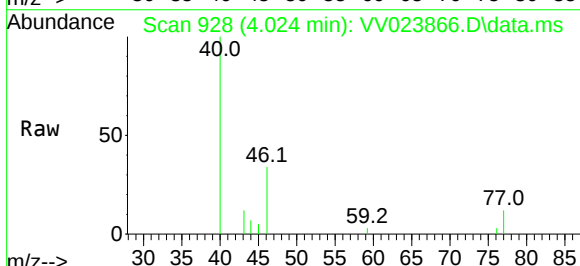
Acq: 09 Dec 2021 17:06

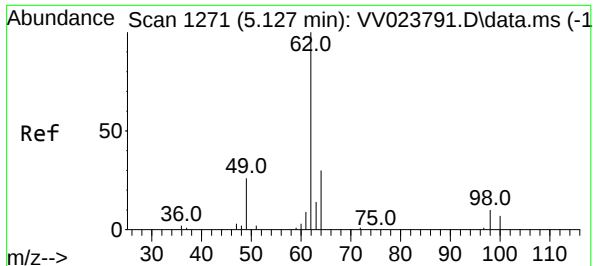
Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

72 15.4 11.1 33.1





#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV023866.D

Acq: 09 Dec 2021 17:06

Instrument :

MSVOA_V

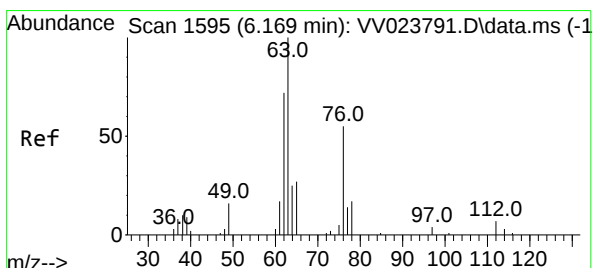
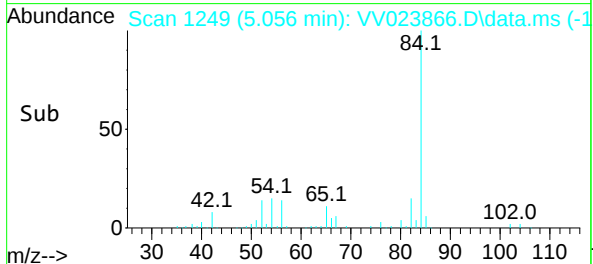
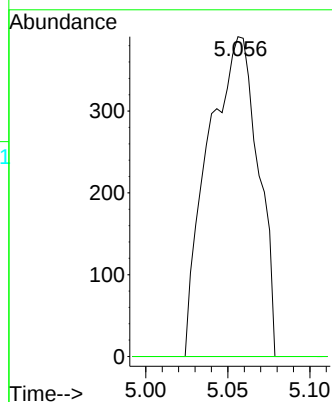
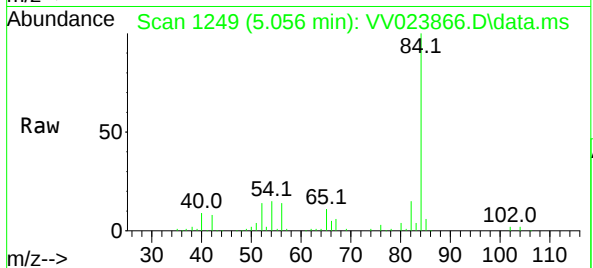
ClientSampleId :

Tgt Ion: 62 Resp: 827

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#37

1,2-Dichloropropane

Concen: 0.695 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.093 min

Lab File: VV023866.D

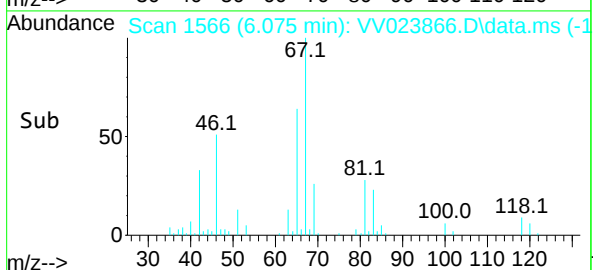
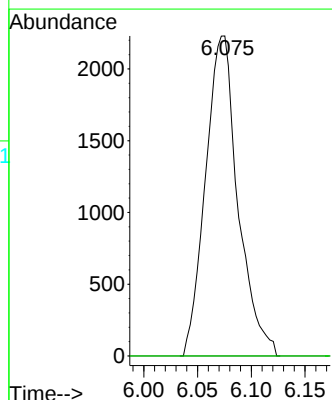
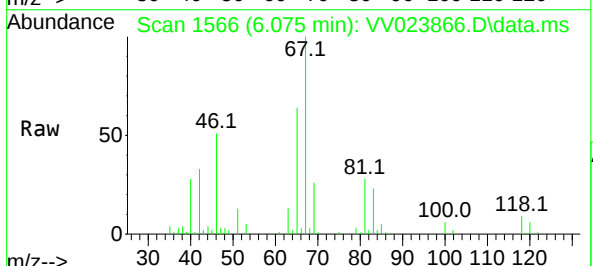
Acq: 09 Dec 2021 17:06

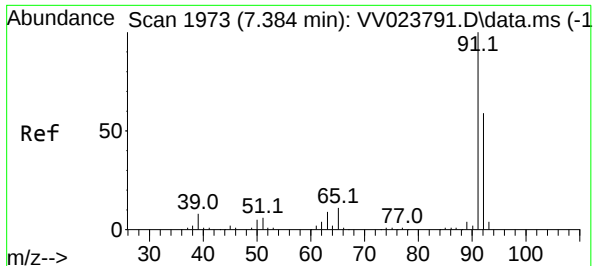
Tgt Ion: 63 Resp: 4685

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.133 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023866.D

Acq: 09 Dec 2021 17:06

Instrument :

MSVOA_V

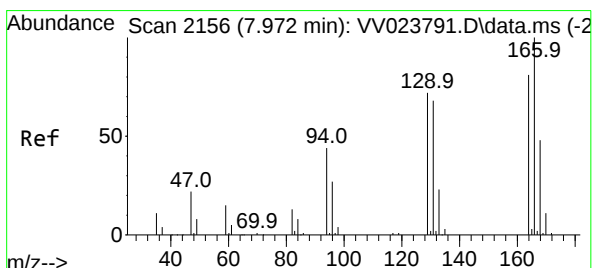
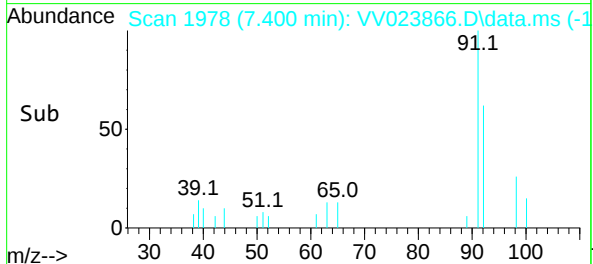
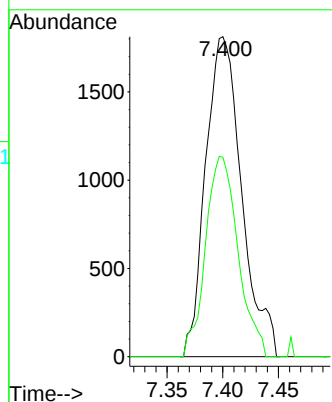
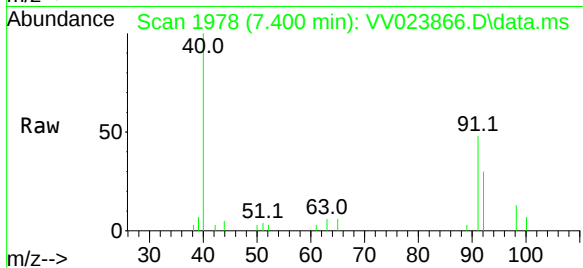
ClientSampleId :

Tgt Ion: 91 Resp: 4087

Ion Ratio Lower Upper

91 100

92 62.3 41.5 77.1



#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV023866.D

Acq: 09 Dec 2021 17:06

Tgt Ion: 164 Resp: 637

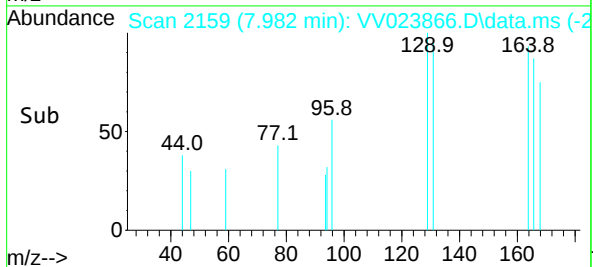
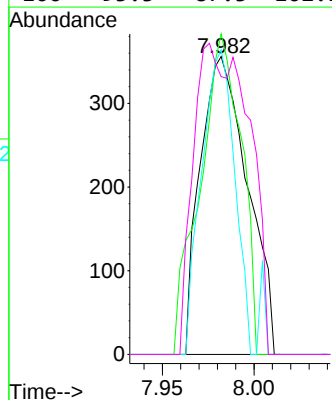
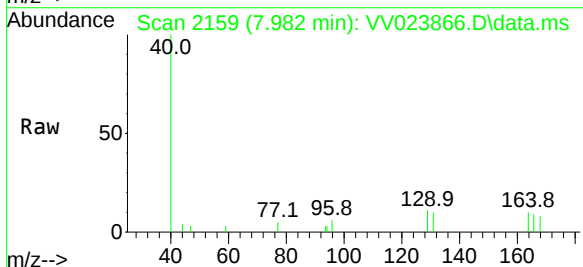
Ion Ratio Lower Upper

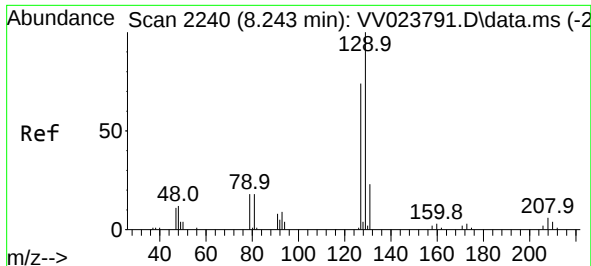
164 100

129 107.6 62.6 116.2

131 102.2 61.0 113.4

166 93.3 87.3 162.1





#49

Dibromochloromethane

Concen: 0.094 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV023866.D

Acq: 09 Dec 2021 17:06

Instrument :

MSVOA_V

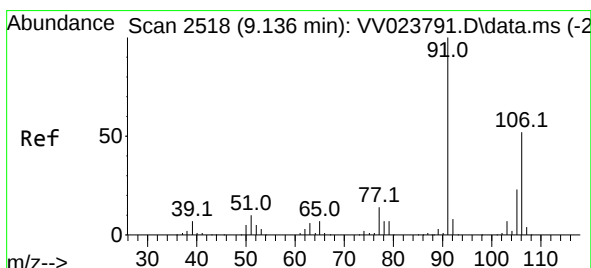
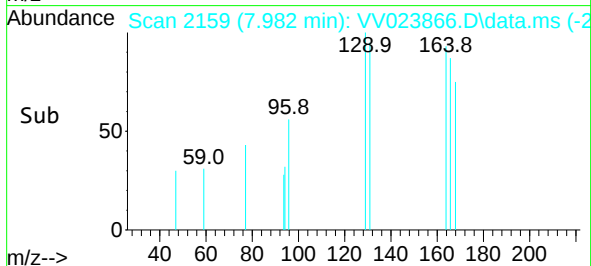
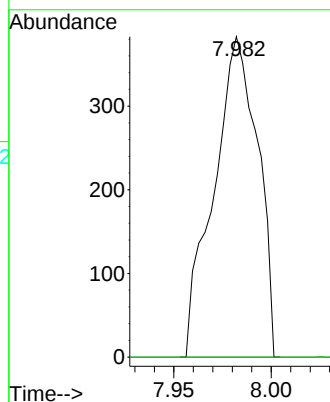
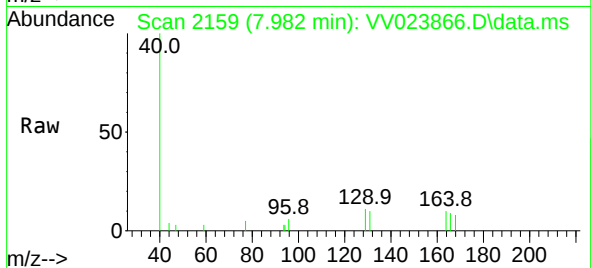
ClientSampleId :

Tgt Ion:129 Resp: 602

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#53

m,p-xylene

Concen: 0.162 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV023866.D

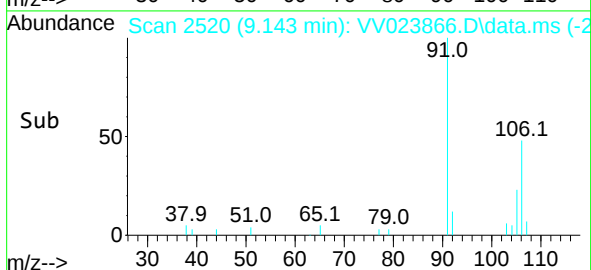
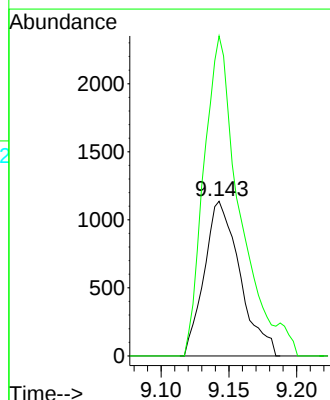
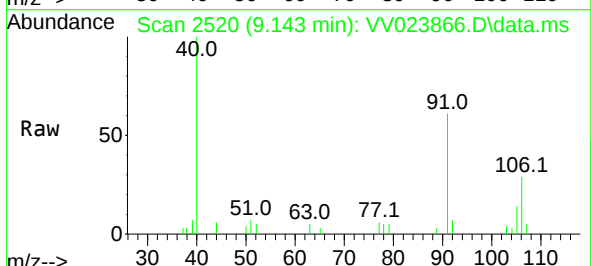
Acq: 09 Dec 2021 17:06

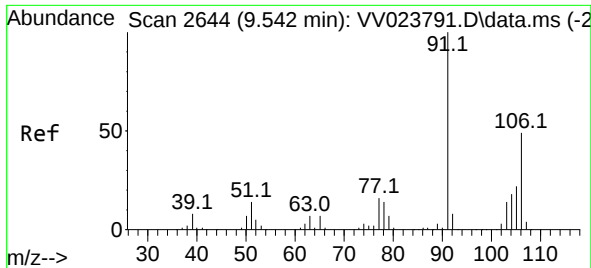
Tgt Ion:106 Resp: 2075

Ion Ratio Lower Upper

106 100

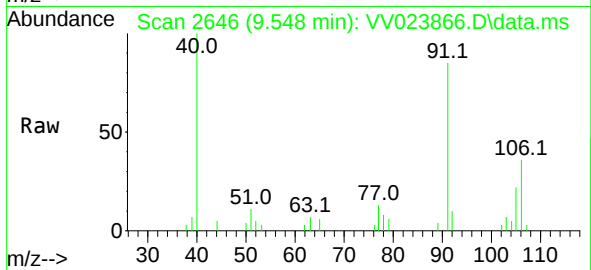
91 207.0 139.5 259.1



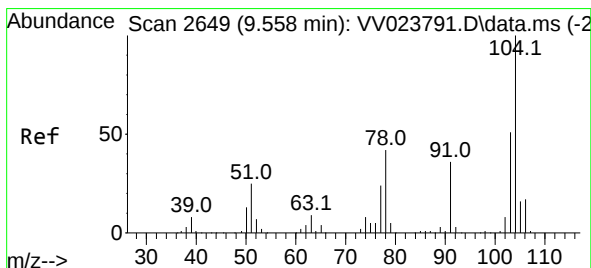
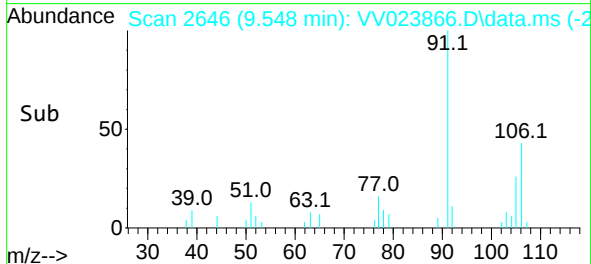
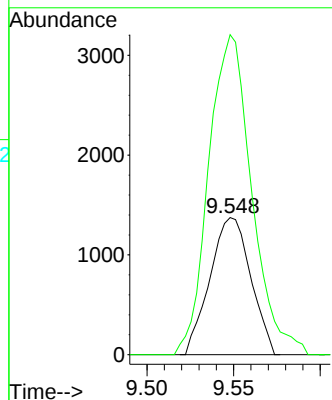


#54
o-xylene
Concen: 0.185 ug/L
RT: 9.548 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV023866.D
Acq: 09 Dec 2021 17:06

Instrument :
MSVOA_V
ClientSampleId :

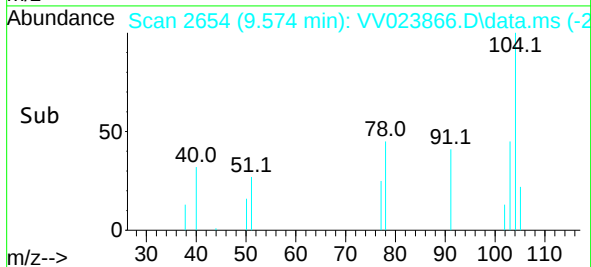
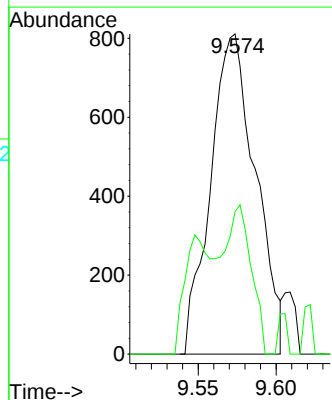
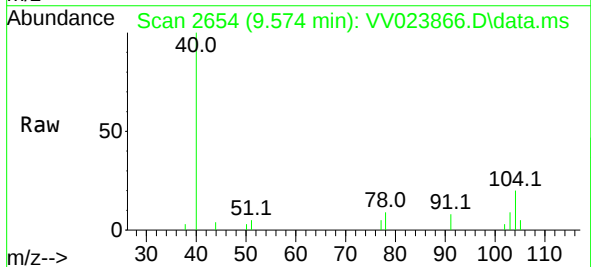


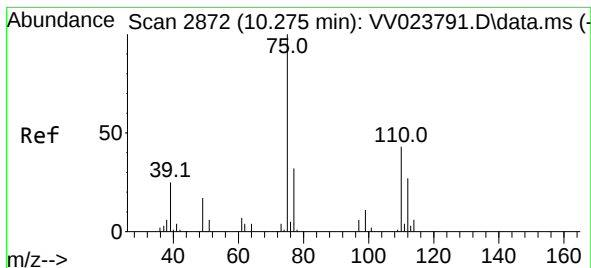
Tgt Ion:106 Resp: 2251
Ion Ratio Lower Upper
106 100
91 233.4 147.9 274.7



#55
Styrene
Concen: 0.079 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.016 min
Lab File: VV023866.D
Acq: 09 Dec 2021 17:06

Tgt Ion:104 Resp: 1629
Ion Ratio Lower Upper
104 100
78 44.5 31.0 57.6





#61

1,2,3-Trichloropropane

Concen: 1.399 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023866.D

Acq: 09 Dec 2021 17:06

Instrument :

MSVOA_V

ClientSampleId :

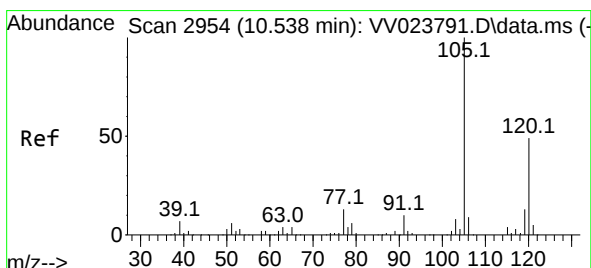
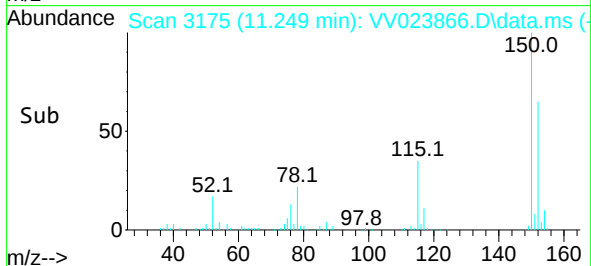
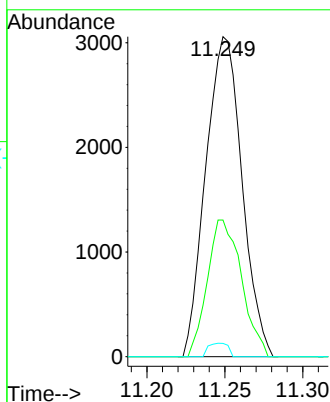
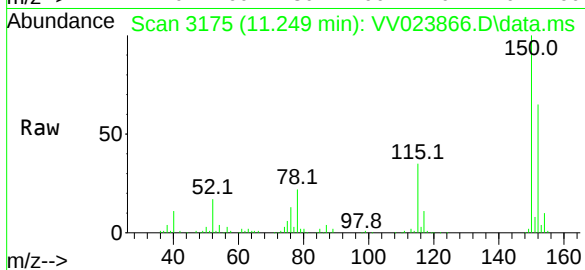
Tgt Ion: 75 Resp: 4947

Ion Ratio Lower Upper

75 100

77 40.2 26.4 39.6#

110 2.3 34.2 51.2#



#62

1,3,5-Trimethylbenzene

Concen: 0.051 ug/L

RT: 10.548 min Scan# 2957

Delta R.T. 0.010 min

Lab File: VV023866.D

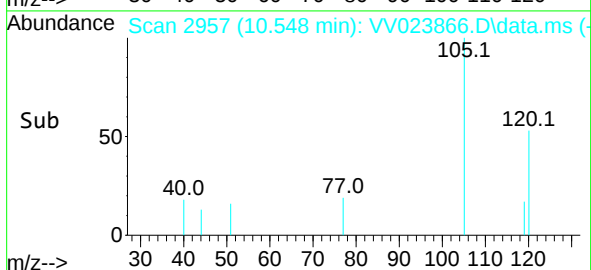
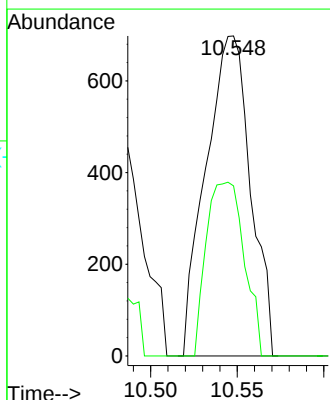
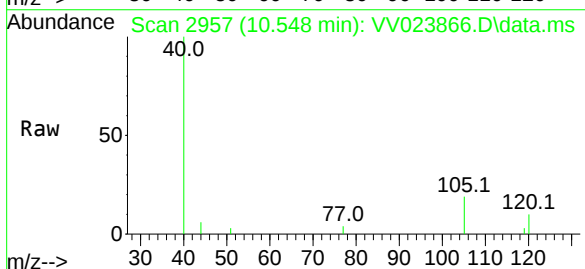
Acq: 09 Dec 2021 17:06

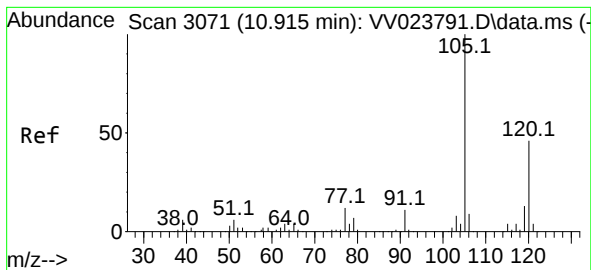
Tgt Ion: 105 Resp: 1255

Ion Ratio Lower Upper

105 100

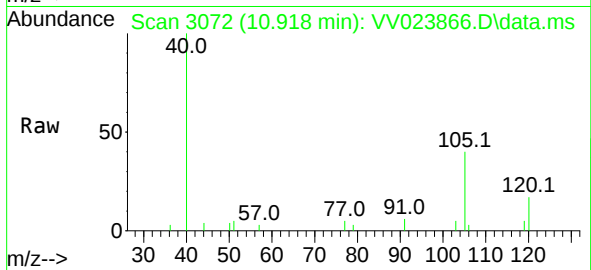
120 45.9 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.097 ug/L
 RT: 10.918 min Scan# 3071
 Delta R.T. 0.006 min
 Lab File: VV023866.D
 Acq: 09 Dec 2021 17:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 2366
 Ion Ratio Lower Upper
 105 100
 120 41.5 36.7 55.1

