

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025662.D
 Acq On : 21 Apr 2022 13:27
 Operator : SY/MD
 Sample : N2492-12RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Y9

Quant Time: Apr 22 03:08:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130467	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56693	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	45859	3.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.571	69	46577	3.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.111	63	75051	3.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.909	46	81446	55.201	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.400%
24) Chloroform-d	4.352	84	89187	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.034	65	42542	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.053	84	168107	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.072	67	52693	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.317	98	140987	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.629	79	15083	4.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.088	63	56357	44.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31857	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	49522	5.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	877	0.068	ug/L #	78
16) Methylene chloride	2.513	84	7402	0.675	ug/L	91
25) Chloroform	4.381	83	2089	0.123	ug/L	89
27) 1,2-Dichloroethane	5.050	62	780	0.087	ug/L #	71
35) Methylcyclohexane	6.072	83	13409	0.801	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6387	0.699	ug/L #	85
42) Toluene	7.394	91	37690	0.877	ug/L	96
44) trans-1,3-Dichloropropene	7.629	75	786	0.085	ug/L #	76
47) Tetrachloroethene	7.982	164	2089	0.254	ug/L	91
49) Dibromochloromethane	7.979	129	1581	0.235	ug/L #	11
52) Ethylbenzene	9.024	91	3159	0.069	ug/L	99
53) m,p-Xylene	9.143	106	6090	0.350	ug/L	100
54) o-Xylene	9.551	106	922	0.054	ug/L	63
61) 1,2,3-Trichloropropane	11.246	75	7280	1.950	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.465	105	661	0.042	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.246	75	125	0.194	ug/L #	2

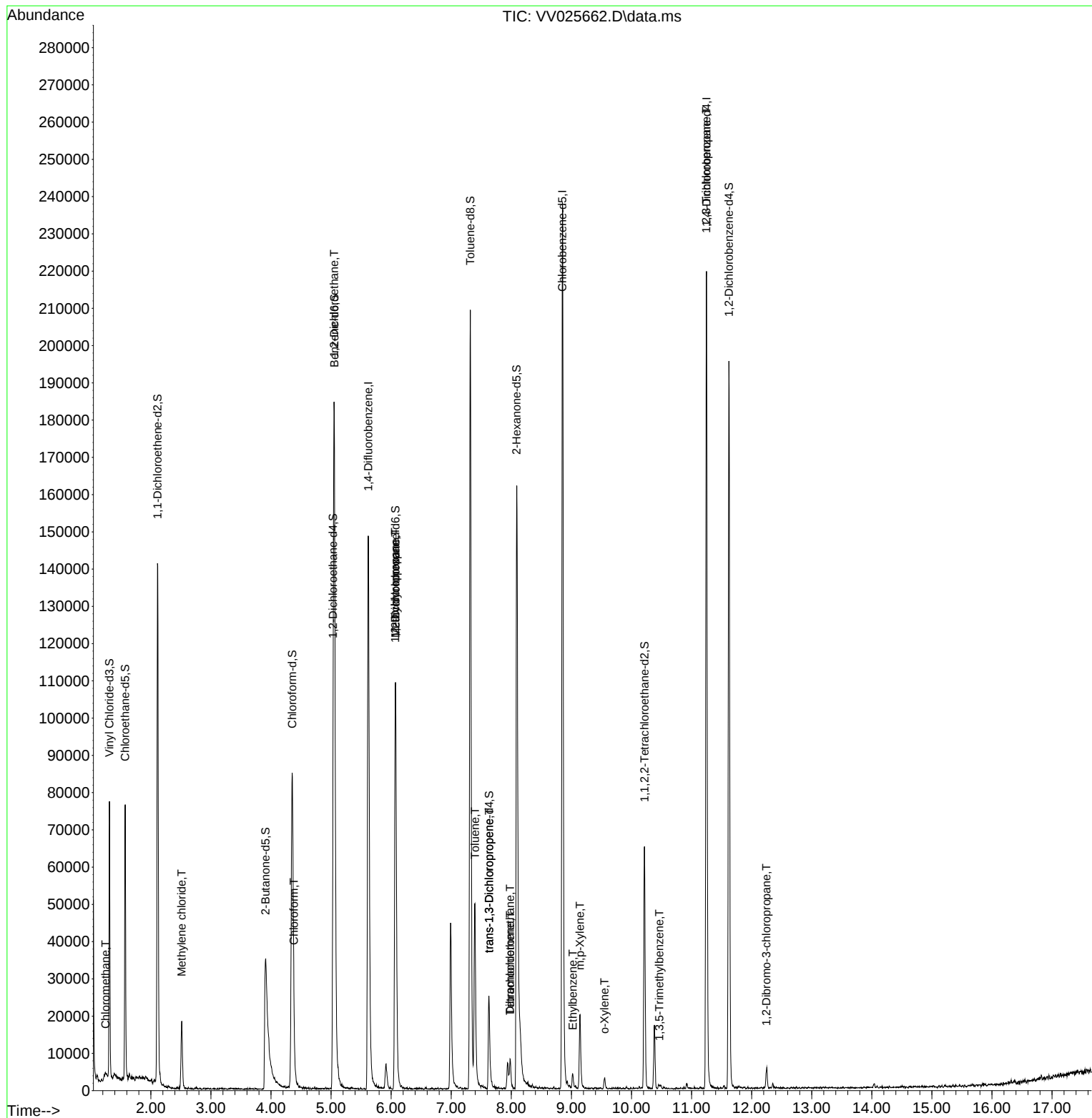
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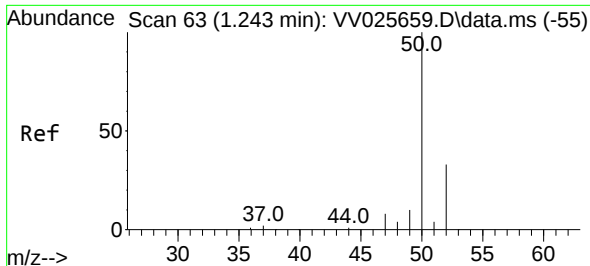
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

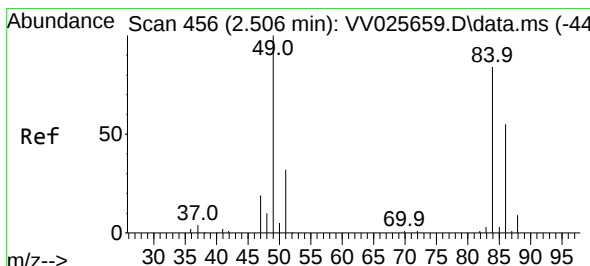
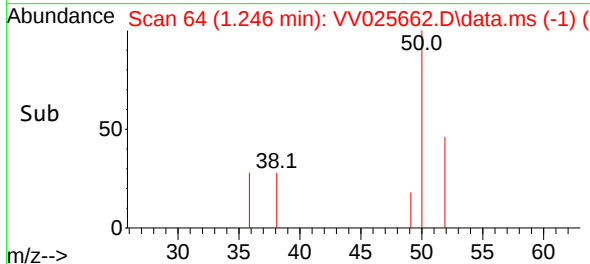
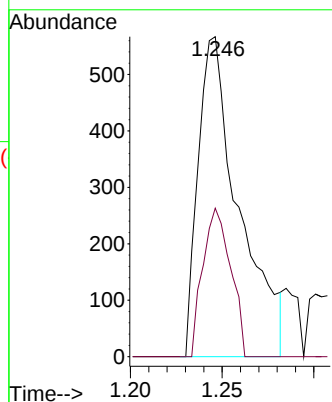
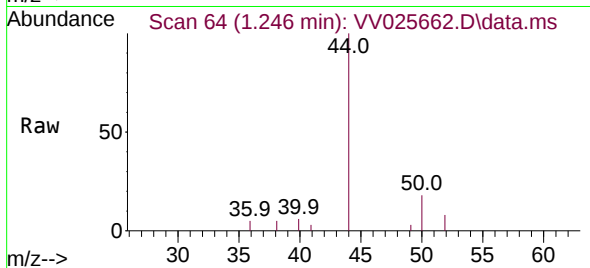




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025662.D
Acq: 21 Apr 2022 13:27

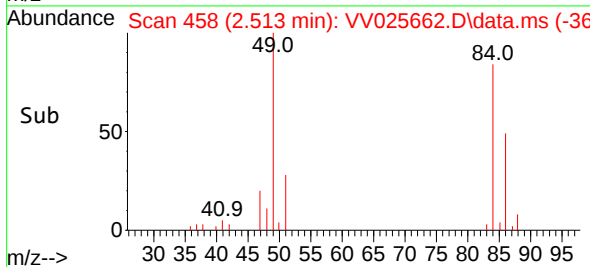
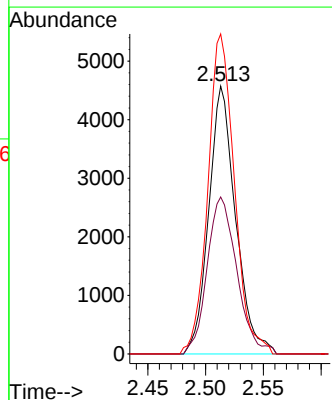
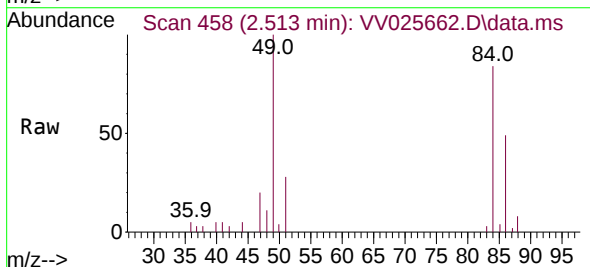
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MSVOA_V
ClientSampleId :
EW6Y9

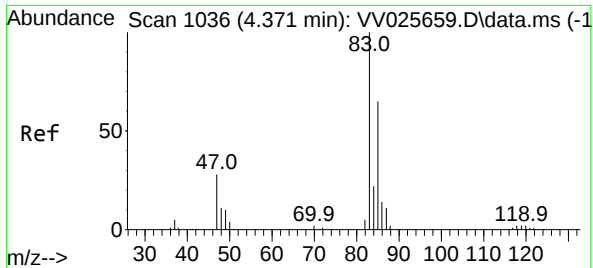
Tgt Ion: 50 Resp: 877
Ion Ratio Lower Upper
50 100
52 46.4 23.7 43.9#



#16
Methylene chloride
Concen: 0.675 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.007 min
Lab File: VV025662.D
Acq: 21 Apr 2022 13:27

Tgt Ion: 84 Resp: 7402
Ion Ratio Lower Upper
84 100
86 58.6 45.9 85.3
49 119.5 76.6 142.3

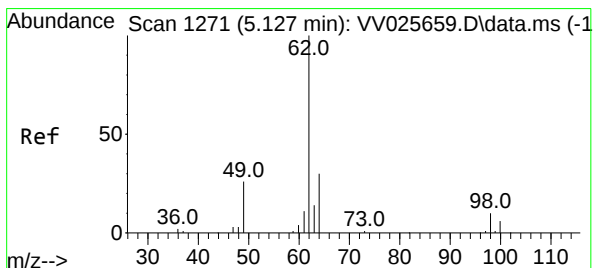
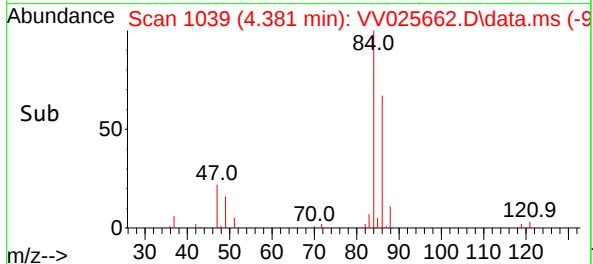
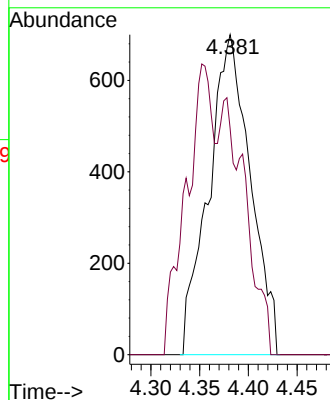
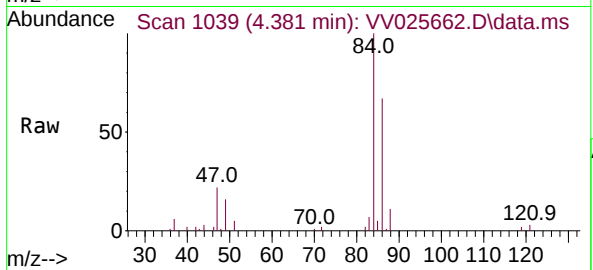




#25
Chloroform
Concen: 0.123 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025662.D
Acq: 21 Apr 2022 13:27

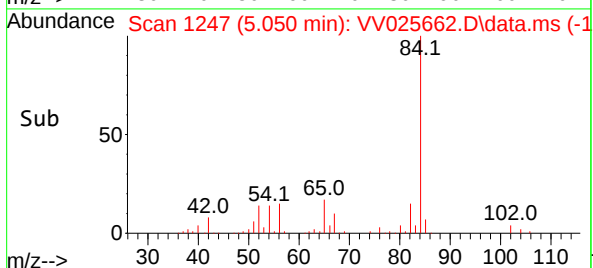
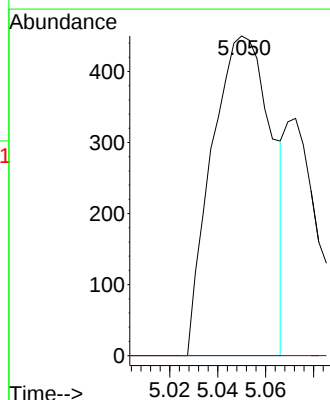
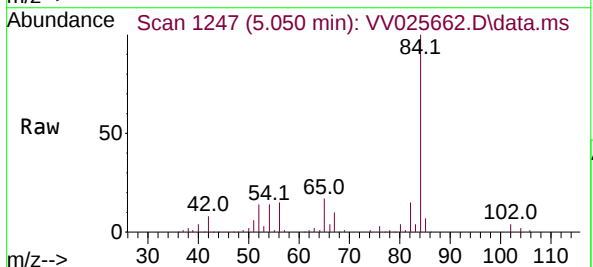
Instrument :
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ClientSampleId :
EW6Y9

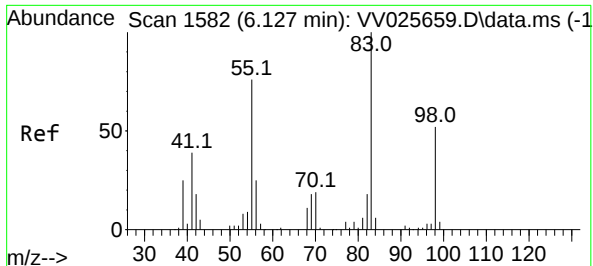
Tgt Ion: 83 Resp: 2089
Ion Ratio Lower Upper
83 100
85 70.7 43.5 80.7



#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV025662.D
Acq: 21 Apr 2022 13:27

Tgt Ion: 62 Resp: 780
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV025662.D

Acq: 21 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

EW6Y9

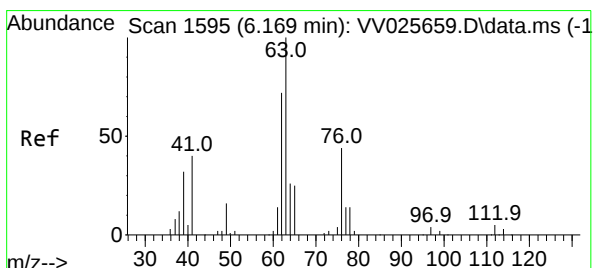
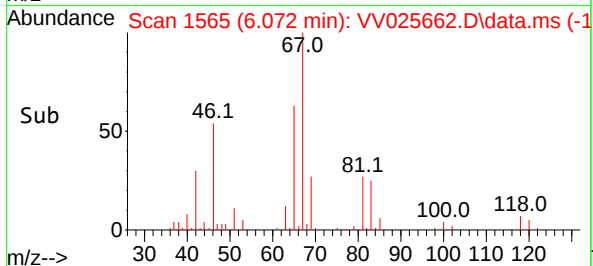
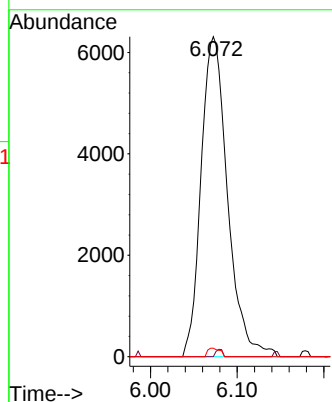
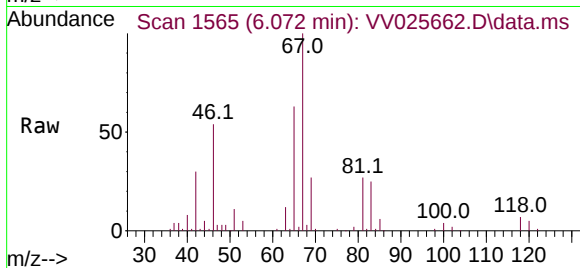
Tgt Ion: 83 Resp: 13409

Ion Ratio Lower Upper

83 100

55 0.6 53.7 80.5#

98 1.2 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.699 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.099 min

Lab File: VV025662.D

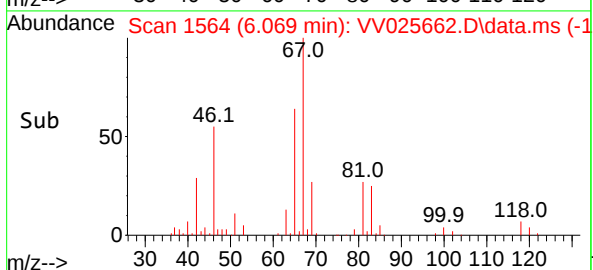
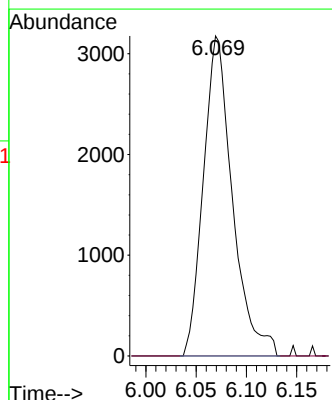
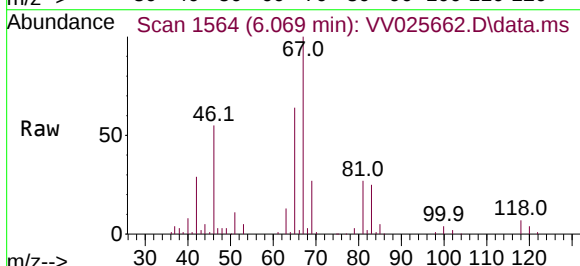
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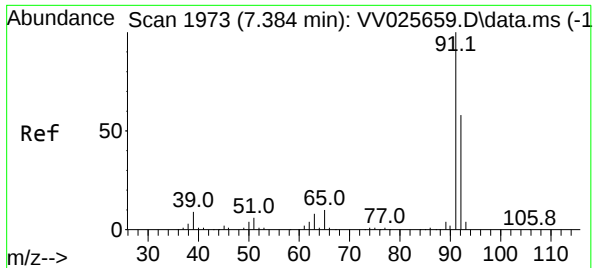
Tgt Ion: 63 Resp: 6387

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.877 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV025662.D

Acq: 21 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

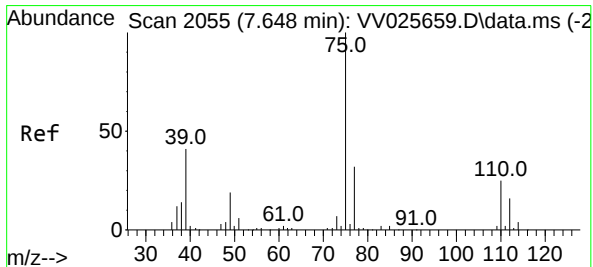
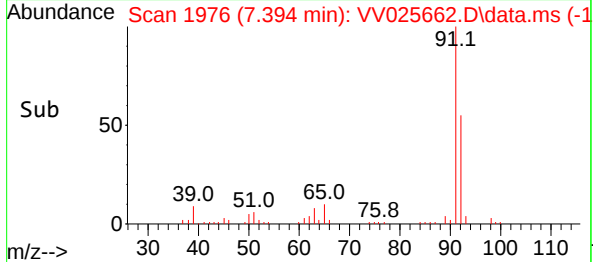
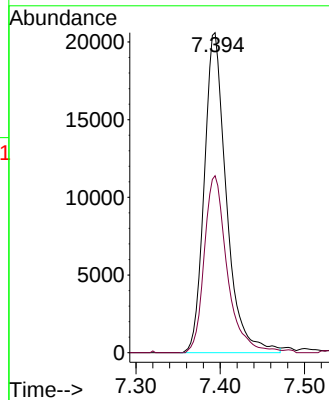
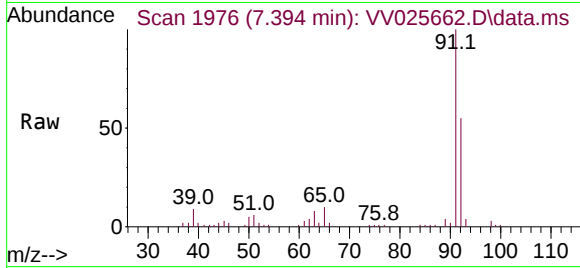
EW6Y9

Tgt Ion: 91 Resp: 37690

Ion Ratio Lower Upper

91 100

92 55.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.019 min

Lab File: VV025662.D

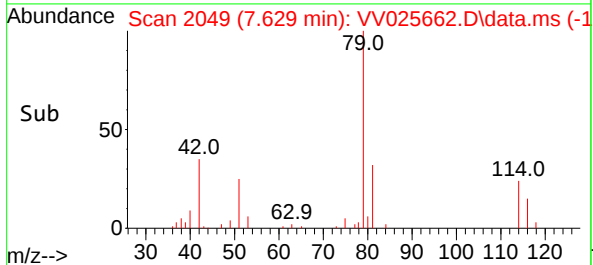
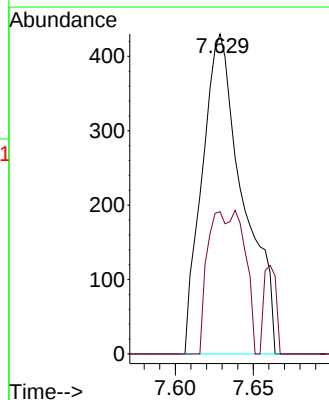
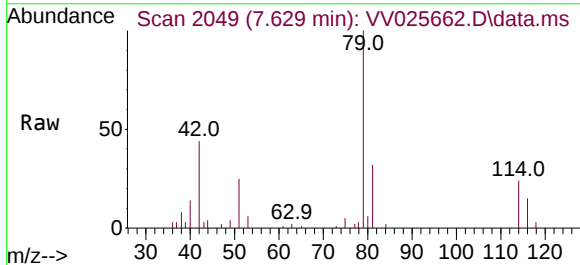
Acq: 21 Apr 2022 13:27

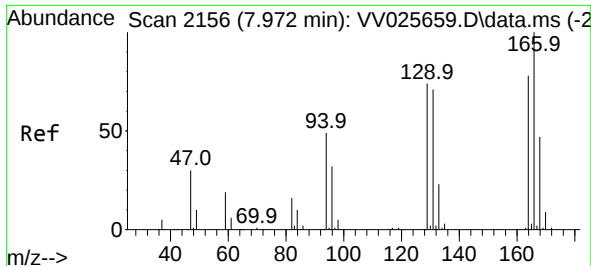
Tgt Ion: 75 Resp: 786

Ion Ratio Lower Upper

75 100

77 44.4 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.254 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025662.D

Acq: 21 Apr 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

EW6Y9

Tgt Ion:164 Resp: 2089

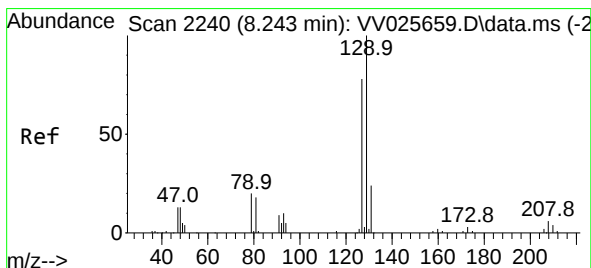
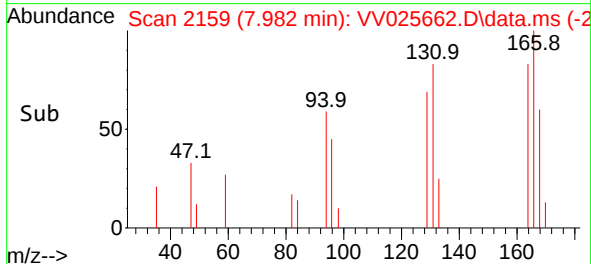
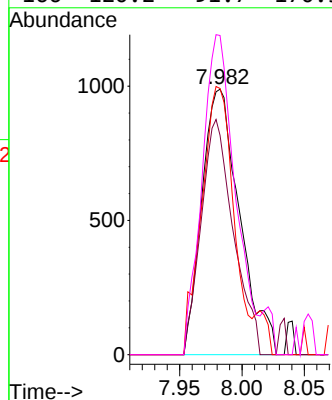
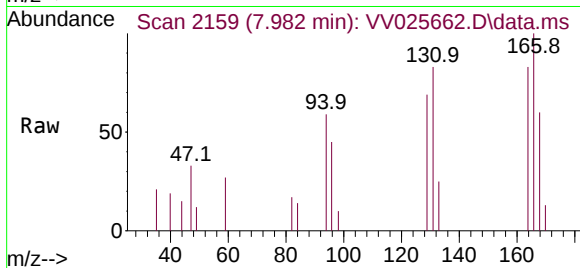
Ion Ratio Lower Upper

164 100

129 82.6 66.8 124.2

131 100.3 66.4 123.4

166 120.2 91.7 170.3



#49

Dibromochloromethane

Concen: 0.235 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV025662.D

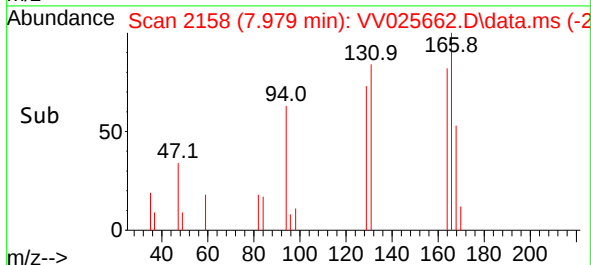
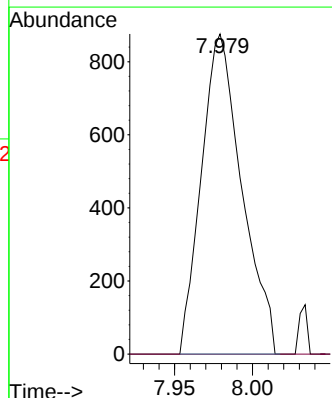
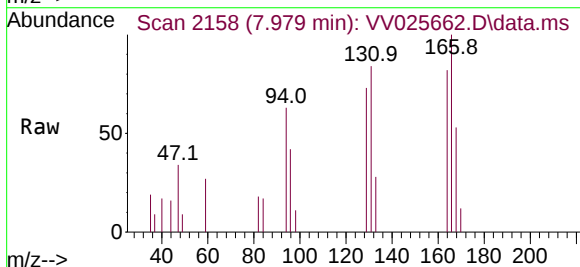
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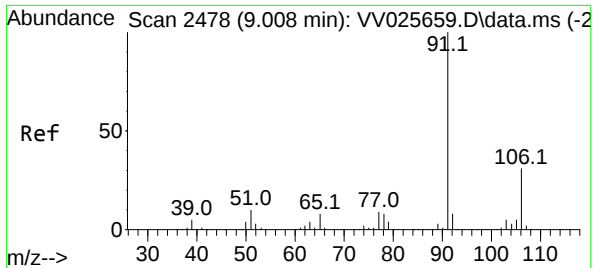
Tgt Ion:129 Resp: 1581

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.069 ug/L

RT: 9.024 min Scan# 24

Delta R.T. 0.016 min

Lab File: VV025662.D

Acq: 21 Apr 2022 13:27

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ClientSampleId :

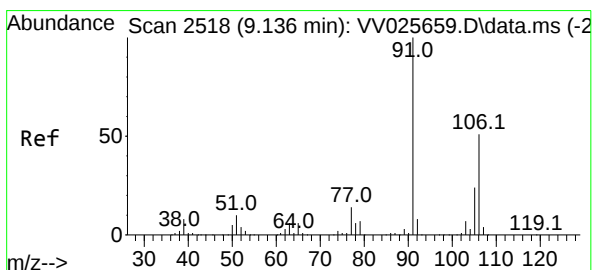
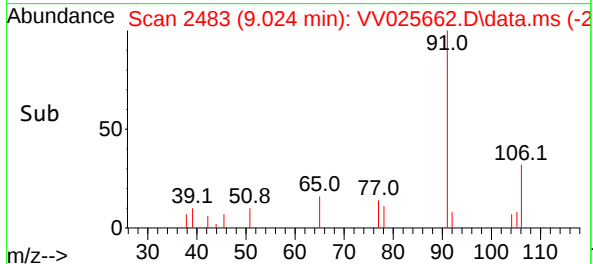
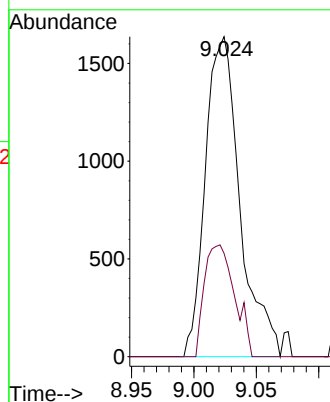
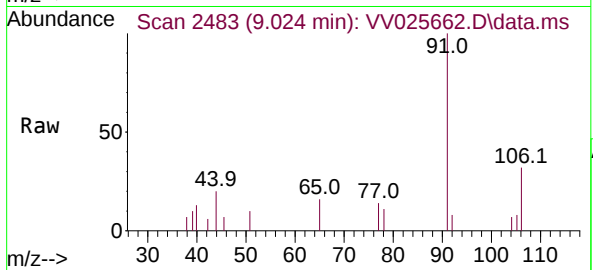
EW6Y9

Tgt Ion: 91 Resp: 3159

Ion Ratio Lower Upper

91 100

106 32.3 22.3 41.3



#53

m,p-Xylene

Concen: 0.350 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.007 min

Lab File: VV025662.D

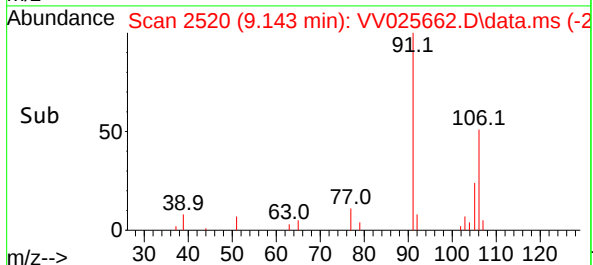
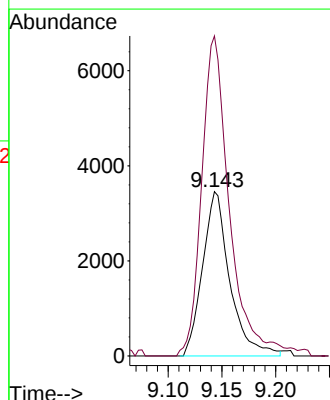
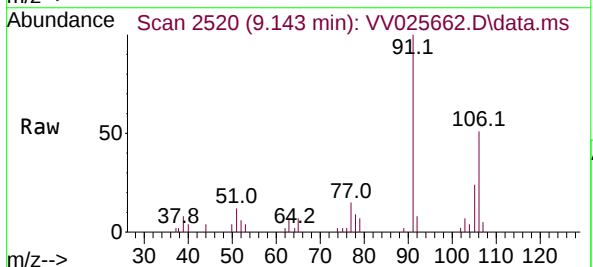
Acq: 21 Apr 2022 13:27

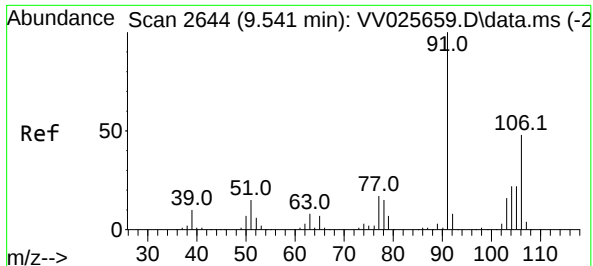
Tgt Ion: 106 Resp: 6090

Ion Ratio Lower Upper

106 100

91 194.8 136.4 253.4

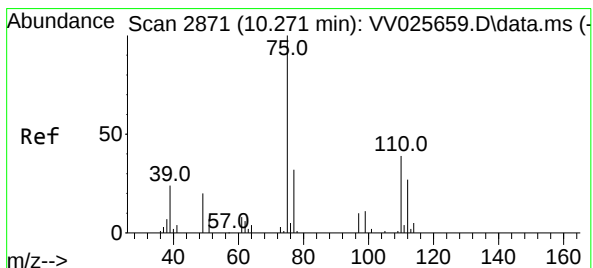
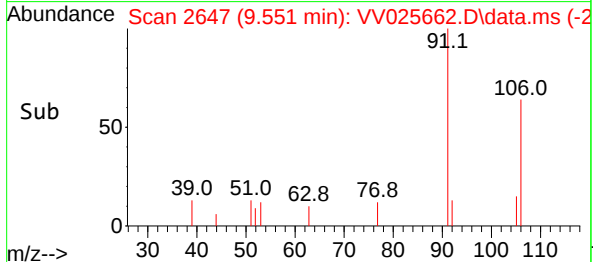
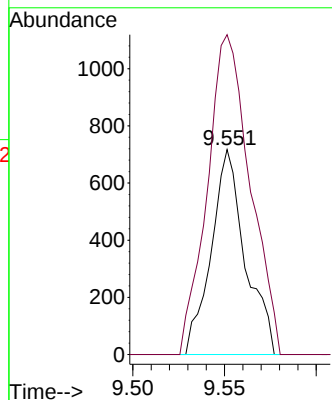
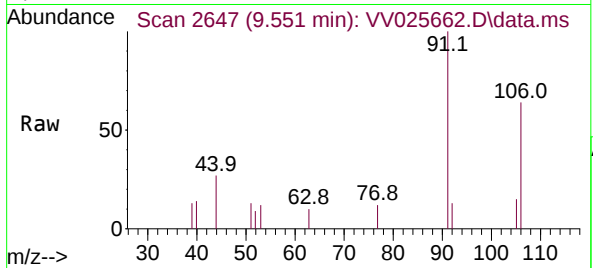




#54
o-Xylene
Concen: 0.054 ug/L
RT: 9.551 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025662.D
Acq: 21 Apr 2022 13:27

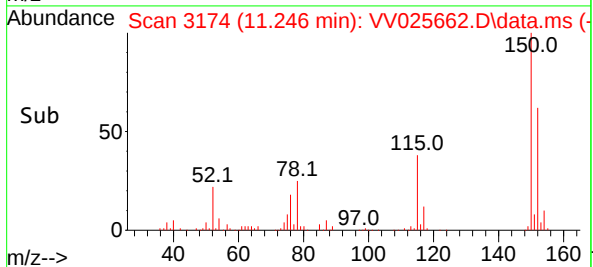
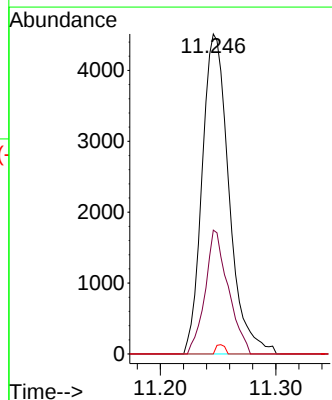
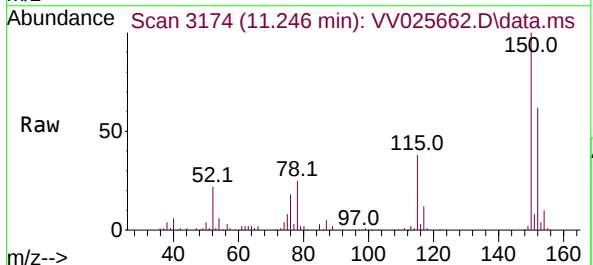
Instrument :
MSVOA_V
ClientSampleId :
EW6Y9

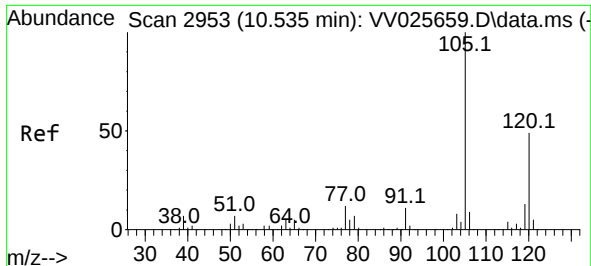
Tgt Ion:106 Resp: 922
Ion Ratio Lower Upper
106 100
91 156.1 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.950 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025662.D
Acq: 21 Apr 2022 13:27

Tgt Ion: 75 Resp: 7280
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
110 1.0 34.7 52.1#

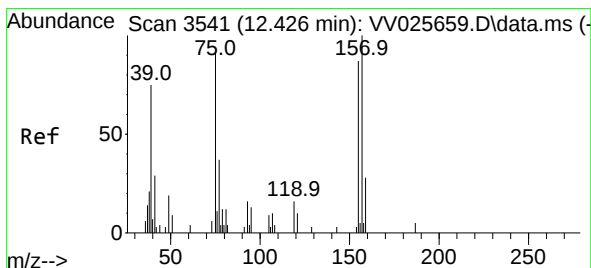
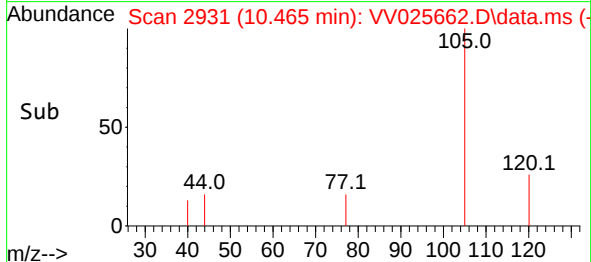
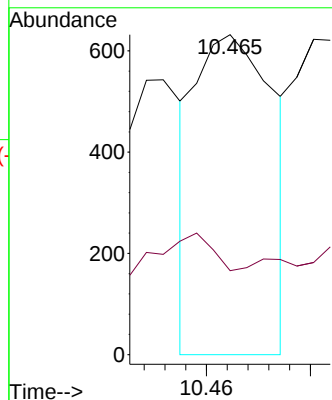
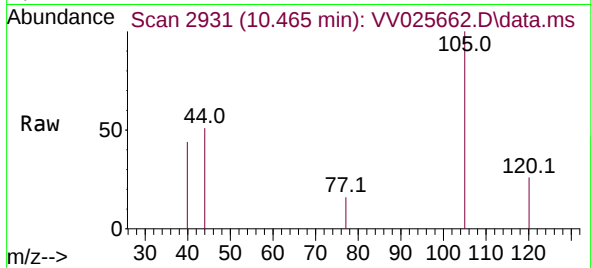




#62
 1,3,5-Trimethylbenzene
 Concen: 0.042 ug/L
 RT: 10.465 min Scan# 2953
 Delta R.T. -0.070 min
 Lab File: VV025662.D
 Acq: 21 Apr 2022 13:27

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Y9

Tgt Ion:105 Resp: 661
 Ion Ratio Lower Upper
 105 100
 120 45.7 39.6 59.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.194 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025662.D
 Acq: 21 Apr 2022 13:27

Tgt Ion: 75 Resp: 125
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

