

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025554.D
 Acq On : 14 Apr 2022 18:25
 Operator : SY/MD
 Sample : N2384-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R3

Quant Time: Apr 15 07:25:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60836	5.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.600%
7) Chloroethane-d5	1.571	69	54604	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.111	63	92096	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.924	46	57297	42.046	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.100%
24) Chloroform-d	4.355	84	85740	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.040	65	39496	5.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.053	84	163003	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	49503	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.316	98	139236	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.628	79	15210	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.091	63	52929	44.157	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.320%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31169	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52632	4.948	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	508	0.043	ug/L #	81
6) Bromomethane	1.529	94	481	0.050	ug/L	92
16) Methylene chloride	2.513	84	4372	0.431	ug/L	92
25) Chloroform	4.381	83	27779	1.774	ug/L	98
27) 1,2-Dichloroethane	5.056	62	941	0.114	ug/L #	71
35) Methylcyclohexane	6.072	83	12276	0.779	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5685	0.661	ug/L #	85
38) Bromodichloromethane	6.516	83	3975	0.372	ug/L #	93
39) cis-1,3-Dichloropropene	6.989	75	1264	0.112	ug/L	83
40) 4-Methyl-2-pentanone	7.239	43	9220	2.676	ug/L #	81
49) Dibromochloromethane	8.252	129	291	0.046	ug/L	81
53) m,p-Xylene	9.149	106	578	0.035	ug/L	92
60) Isopropylbenzene	10.188	105	2084	0.053	ug/L #	1
61) 1,2,3-Trichloropropane	10.381	75	441	0.106	ug/L #	72
62) 1,3,5-Trimethylbenzene	10.545	105	946	0.054	ug/L #	54
71) Naphthalene	13.506	128	1690	0.107	ug/L #	96

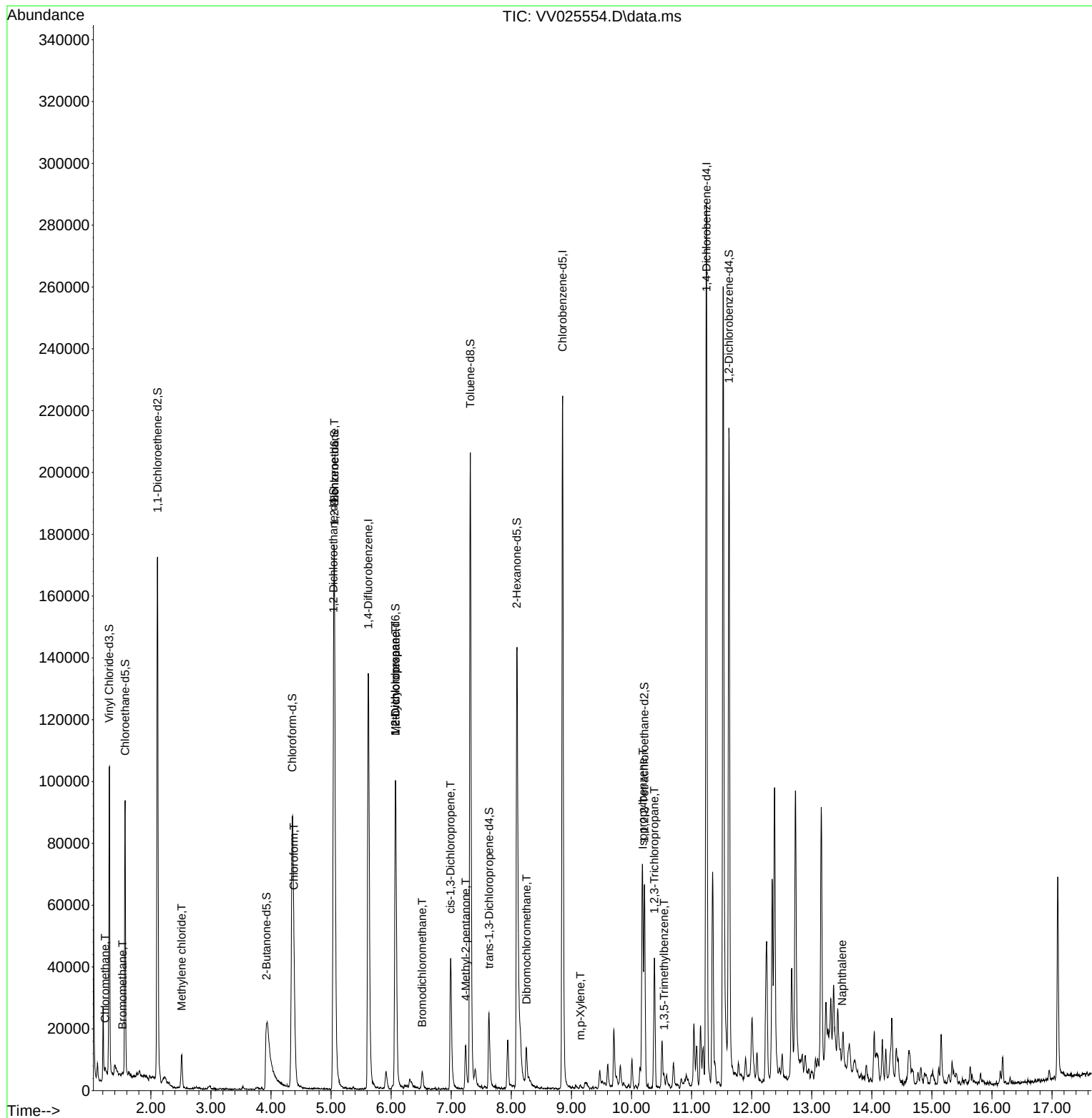
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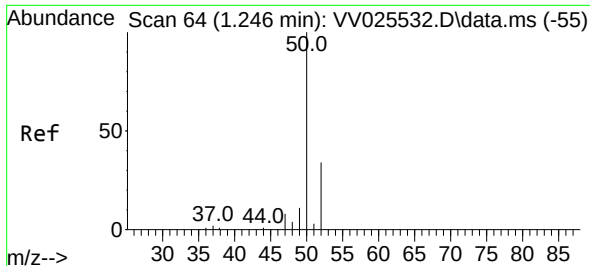
Instrument :
MSVOA_V
ClientSampleId :
EW6R3

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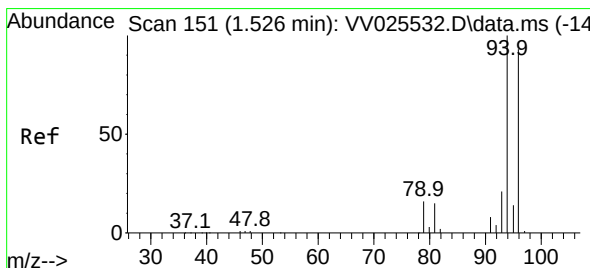
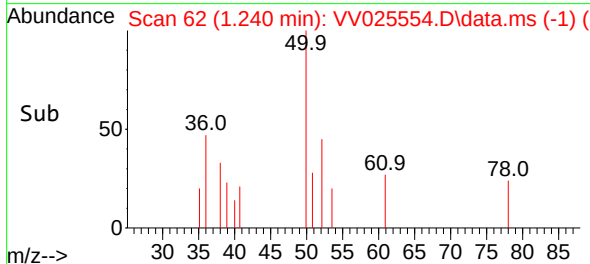
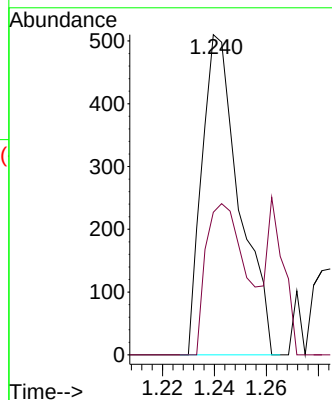
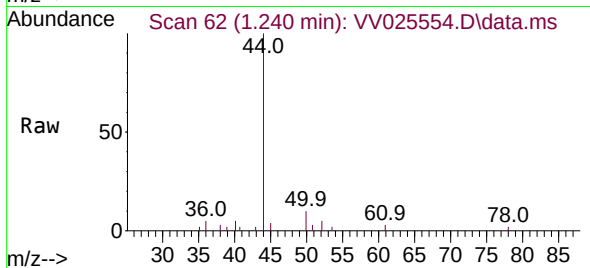




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.007 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

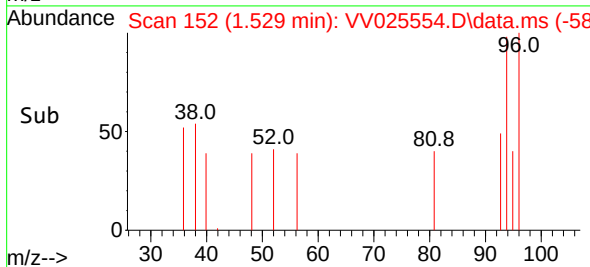
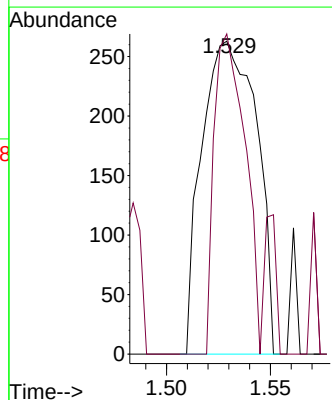
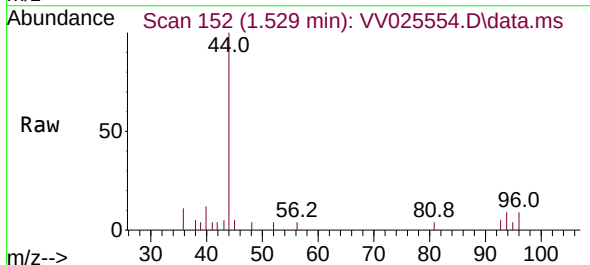
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MSVOA_V
ClientSampleId :
EW6R3

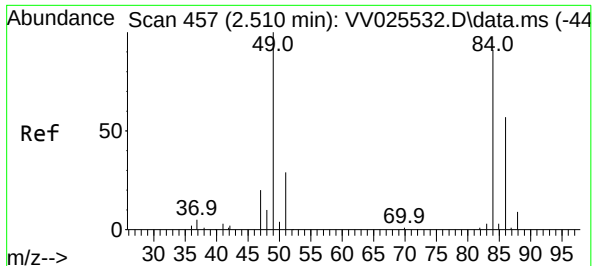
Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 44.5 23.7 43.9#



#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.003 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 102.3 66.1 122.7

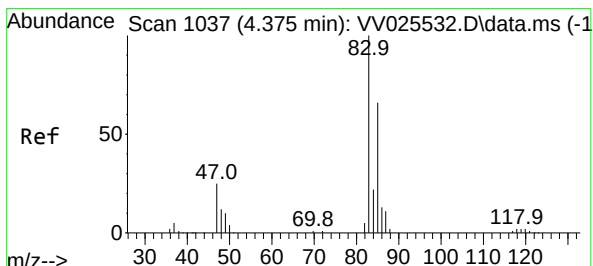
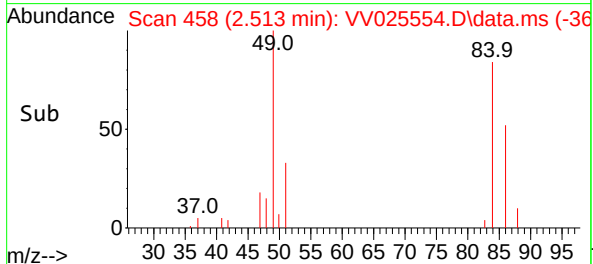
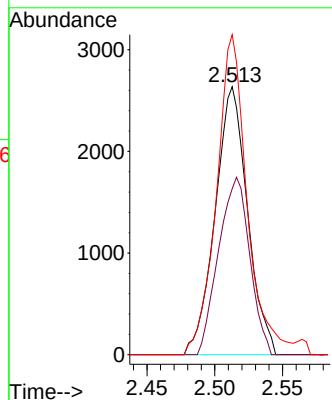
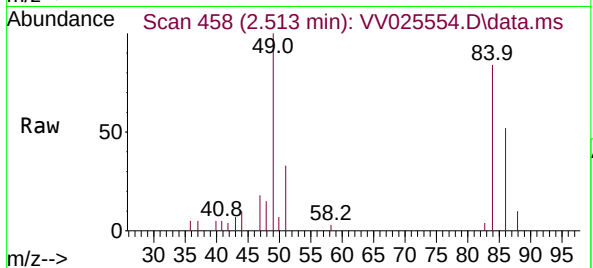




#16
Methylene chloride
Concen: 0.431 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

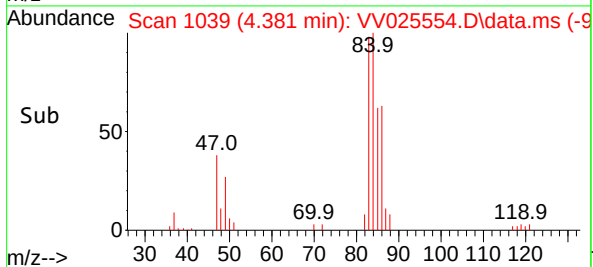
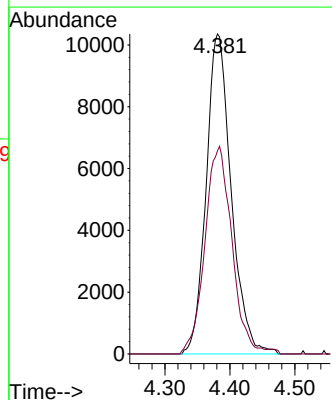
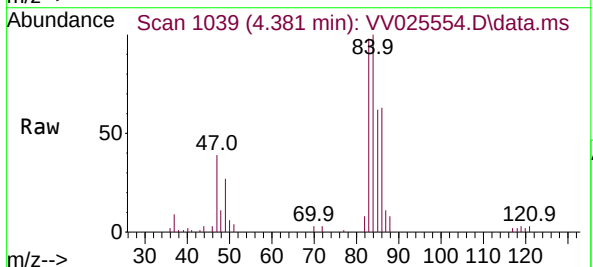
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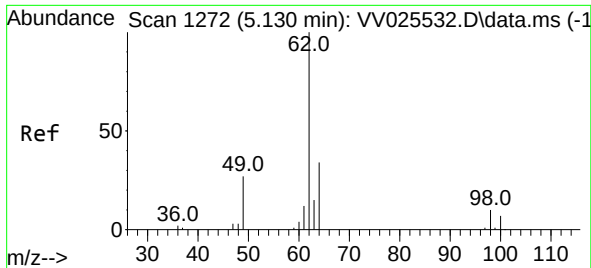
Tgt Ion: 84 Resp: 4372
Ion Ratio Lower Upper
84 100
86 61.9 45.9 85.3
49 119.4 76.6 142.3



#25
Chloroform
Concen: 1.774 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

Tgt Ion: 83 Resp: 27779
Ion Ratio Lower Upper
83 100
85 63.5 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.056 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV025554.D

Acq: 14 Apr 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

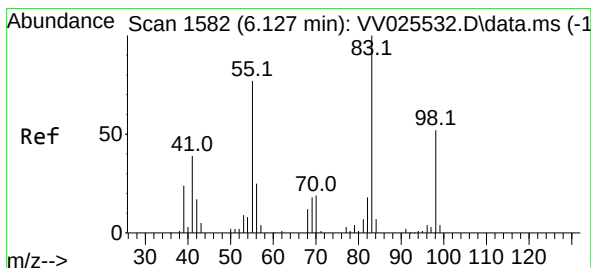
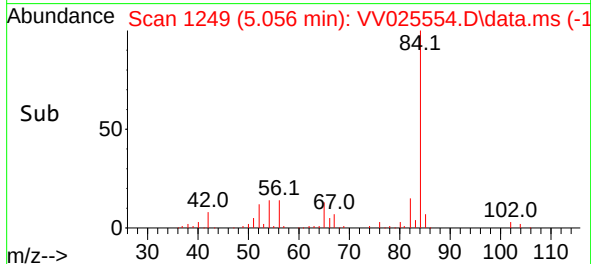
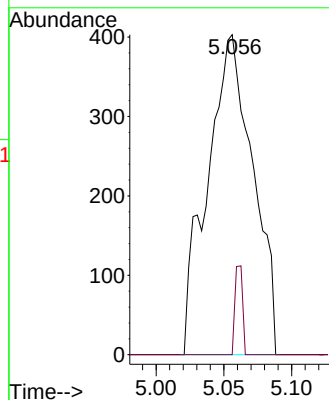
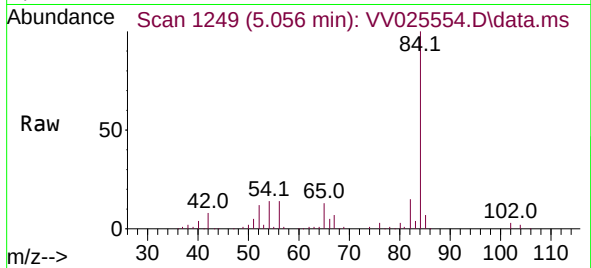
EW6R3

Tgt Ion: 62 Resp: 941

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025554.D

Acq: 14 Apr 2022 18:25

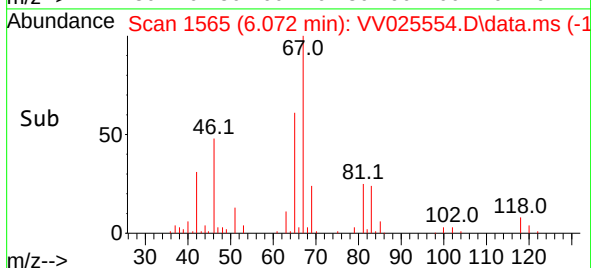
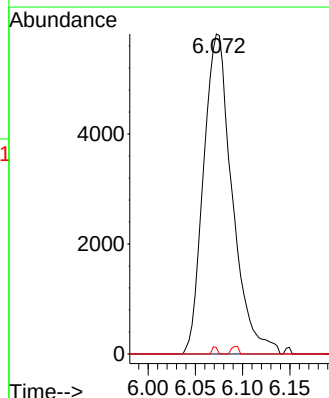
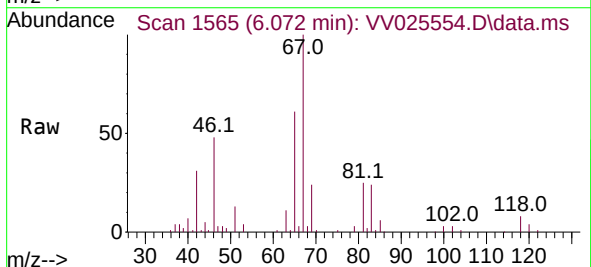
Tgt Ion: 83 Resp: 12276

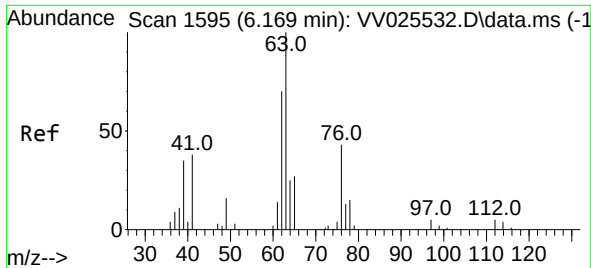
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.4 39.6 59.4#

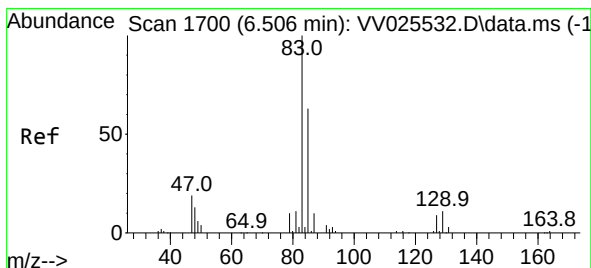
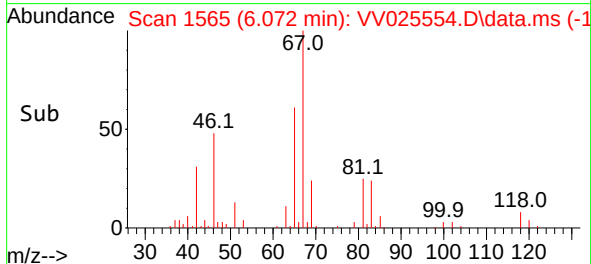
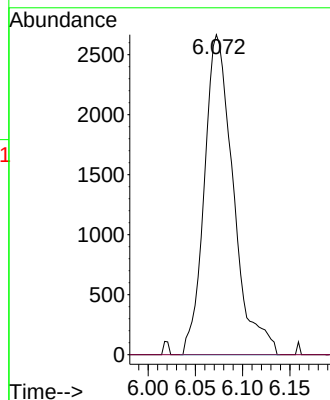
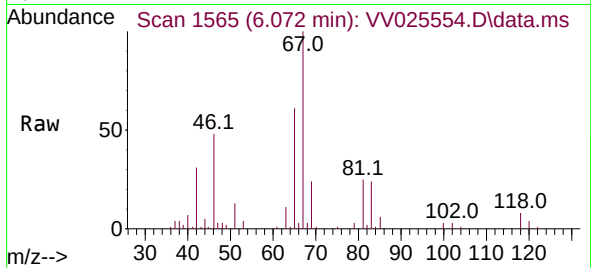




#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.097 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

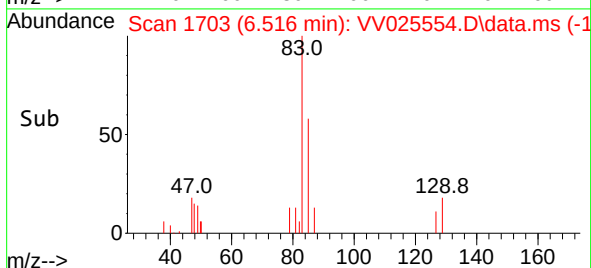
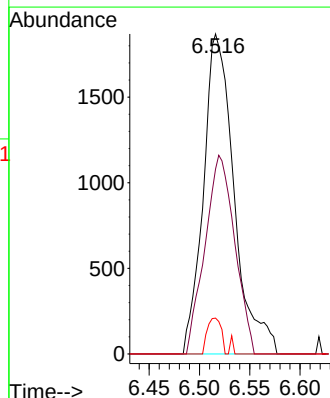
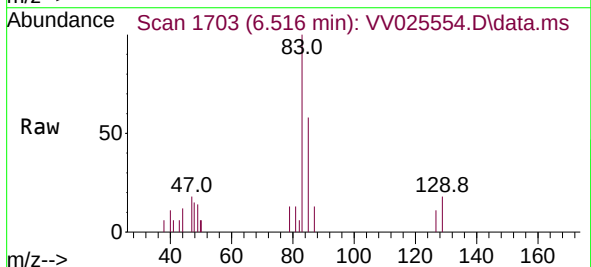
Instrument :
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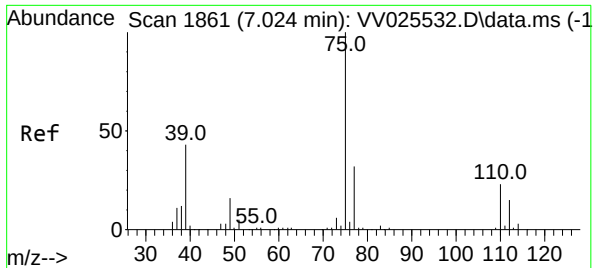
Tgt Ion: 63 Resp: 5685
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.372 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.009 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

Tgt Ion: 83 Resp: 3975
Ion Ratio Lower Upper
83 100
85 57.8 44.4 82.4
127 11.2 7.2 10.8#

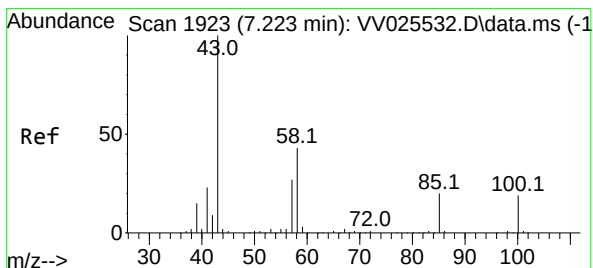
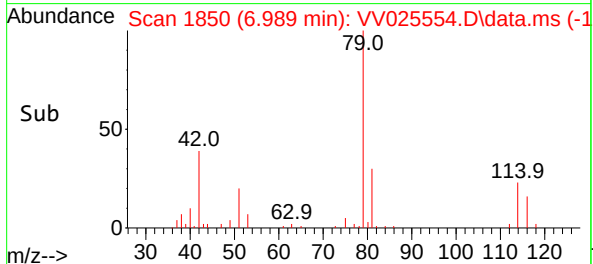
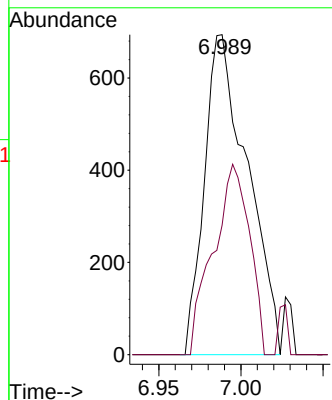
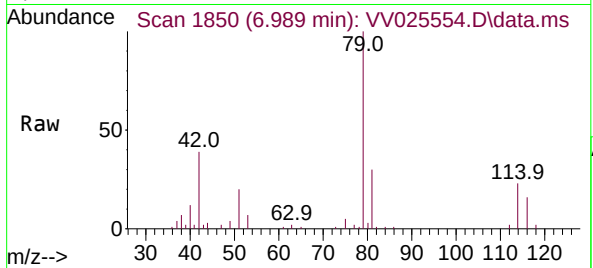




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 6.989 min Scan# 1861
 Delta R.T. -0.036 min
 Lab File: VV025554.D
 Acq: 14 Apr 2022 18:25

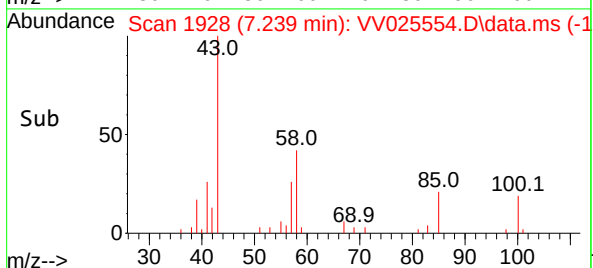
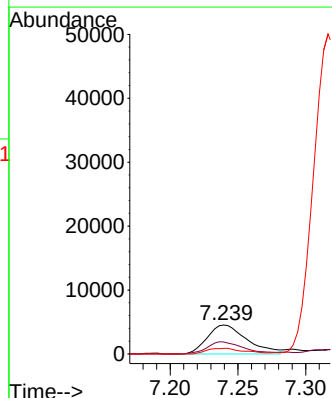
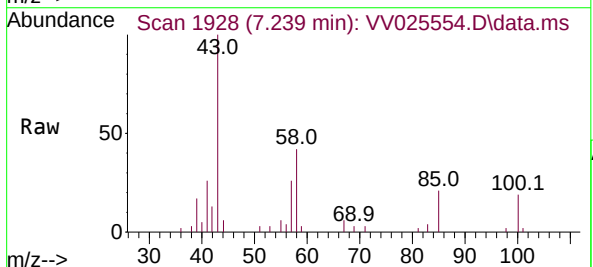
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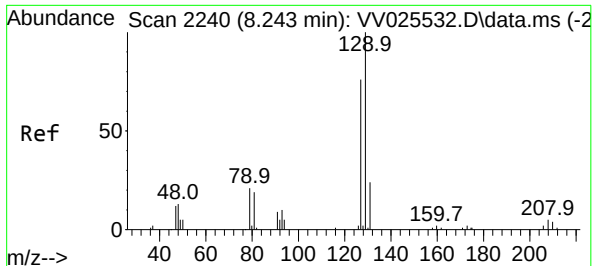
Tgt Ion: 75 Resp: 1264
 Ion Ratio Lower Upper
 75 100
 77 40.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 2.676 ug/L
 RT: 7.239 min Scan# 1928
 Delta R.T. 0.016 min
 Lab File: VV025554.D
 Acq: 14 Apr 2022 18:25

Tgt Ion: 43 Resp: 9220
 Ion Ratio Lower Upper
 43 100
 58 38.5 35.1 52.7
 100 0.0 15.3 22.9





#49

Dibromochloromethane

Concen: 0.046 ug/L

RT: 8.252 min Scan# 21

Delta R.T. 0.009 min

Lab File: VV025554.D

Acq: 14 Apr 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

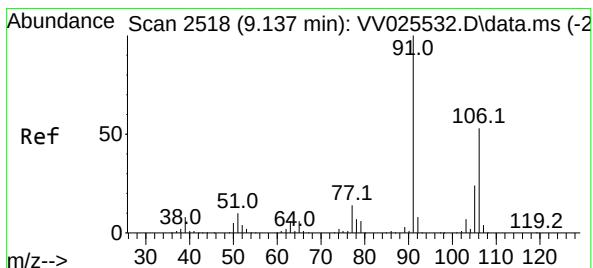
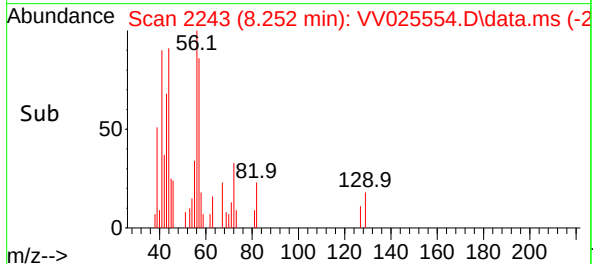
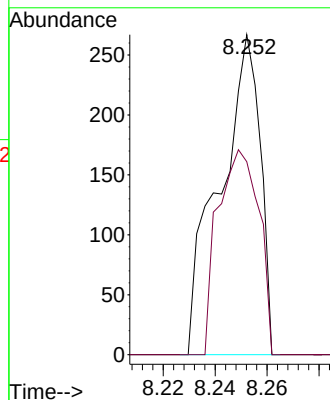
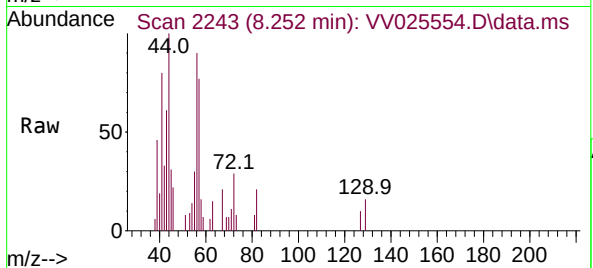
EW6R3

Tgt Ion:129 Resp: 291

Ion Ratio Lower Upper

129 100

127 60.3 53.8 100.0



#53

m,p-Xylene

Concen: 0.035 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV025554.D

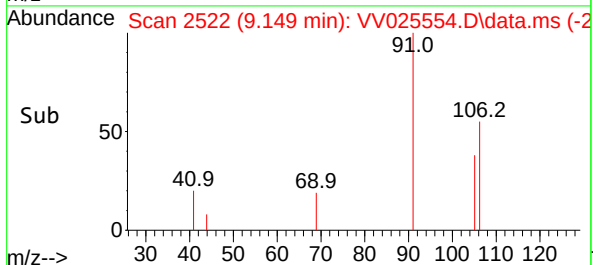
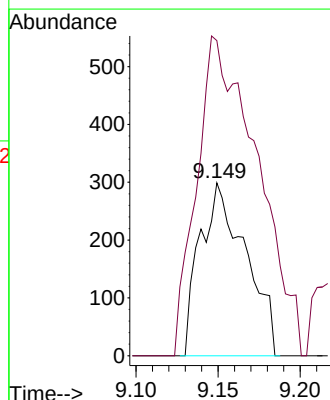
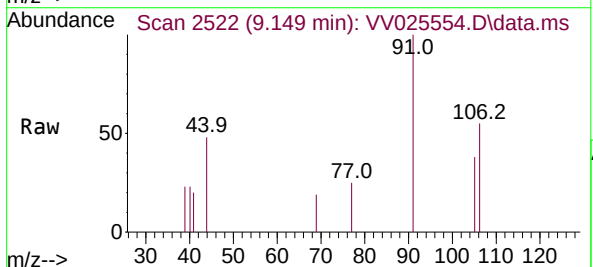
Acq: 14 Apr 2022 18:25

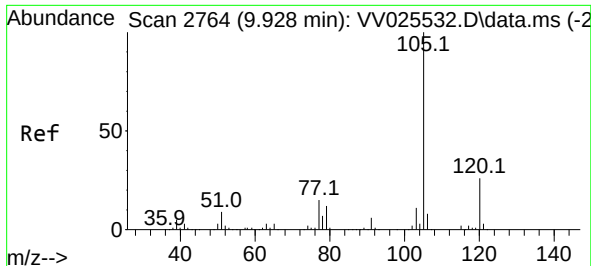
Tgt Ion:106 Resp: 578

Ion Ratio Lower Upper

106 100

91 182.3 136.4 253.4

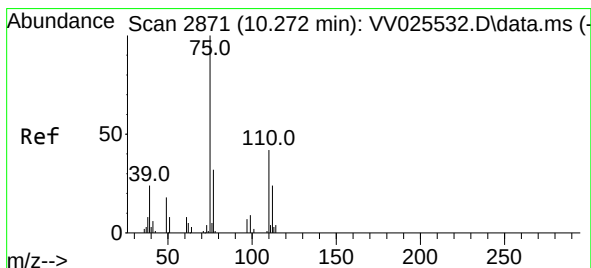
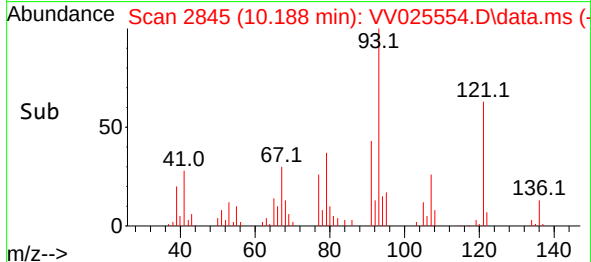
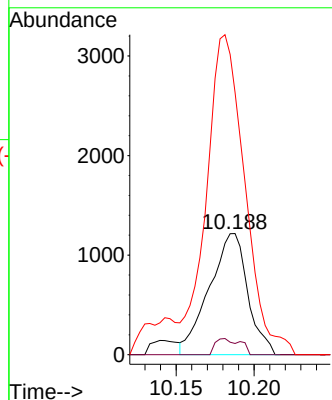
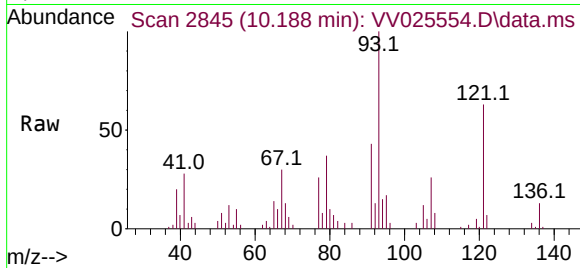




#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 10.188 min Scan# 21
Delta R.T. 0.260 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

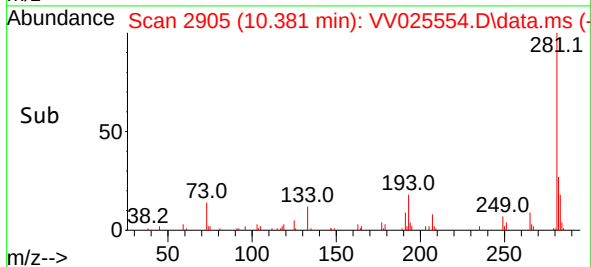
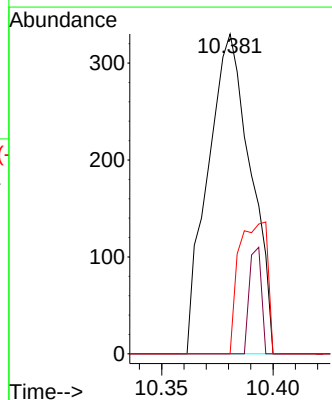
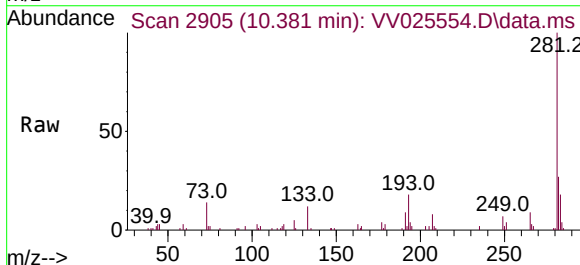
Instrument :
MSVOA_V
ClientSampleId :
EW6R3

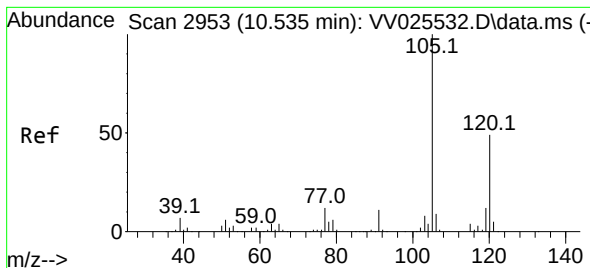
Tgt Ion:105 Resp: 2084
Ion Ratio Lower Upper
105 100
120 8.6 21.2 31.8#
77 263.2 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 0.106 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.109 min
Lab File: VV025554.D
Acq: 14 Apr 2022 18:25

Tgt Ion: 75 Resp: 441
Ion Ratio Lower Upper
75 100
77 50.6 25.6 38.4#
110 27.4 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.054 ug/L

RT: 10.545 min Scan# 2953

Delta R.T. 0.009 min

Lab File: VV025554.D

Acq: 14 Apr 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

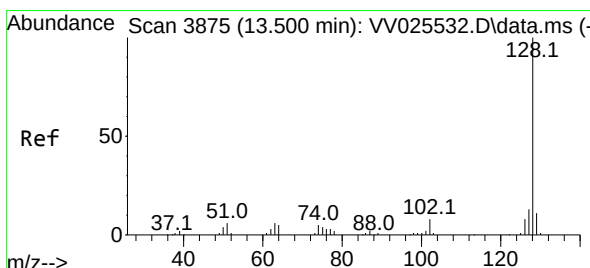
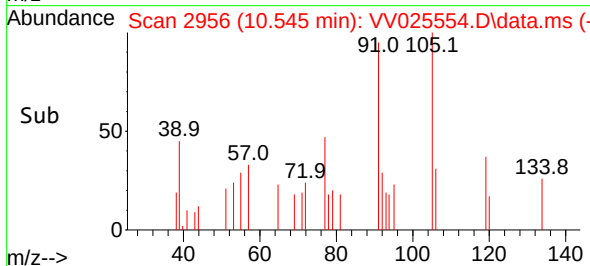
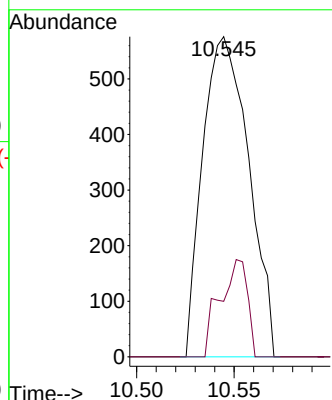
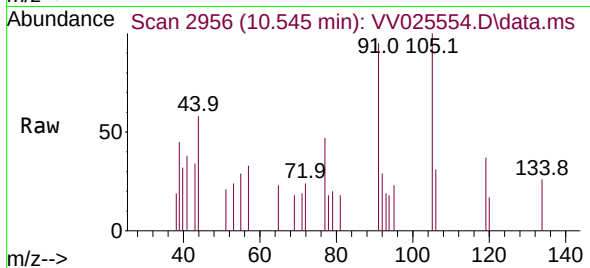
EW6R3

Tgt Ion:105 Resp: 946

Ion Ratio Lower Upper

105 100

120 18.0 39.6 59.4#



#71

Naphthalene

Concen: 0.107 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV025554.D

Acq: 14 Apr 2022 18:25

Tgt Ion:128 Resp: 1690

Ion Ratio Lower Upper

128 100

129 8.5 8.8 13.2#

127 13.5 10.4 15.6

