

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025751.D
 Acq On : 29 Apr 2022 17:20
 Operator : SY/MD
 Sample : N2612-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0B6

Quant Time: May 02 01:26:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154563	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49614	3.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.571	69	54615	3.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.111	63	80723	2.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.896	46	104228	59.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.260%
24) Chloroform-d	4.352	84	107400	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	50235	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.053	84	198216	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.069	67	62869	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	162759	3.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.625	79	16201	3.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.088	63	74643	49.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42422	5.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	58620	4.703	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	577	0.038	ug/L	84
5) Vinyl chloride	1.314	62	10975	0.640	ug/L	86
8) Chloroethane	1.314	64	4830	0.365	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	23885	2.020	ug/L	97
27) 1,2-Dichloroethane	5.156	62	639	0.060	ug/L #	71
33) Benzene	5.104	78	3202	0.068	ug/L	100
35) Methylcyclohexane	6.072	83	15517	0.775	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7240	0.663	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1352	0.094	ug/L #	67
51) Chlorobenzene	8.886	112	3078	0.094	ug/L #	83
52) Ethylbenzene	9.024	91	2159	0.039	ug/L #	82
53) m,p-Xylene	9.146	106	2207	0.106	ug/L	67
60) Isopropylbenzene	10.455	105	2098	0.046	ug/L #	80
61) 1,2,3-Trichloropropane	11.246	75	9957	2.033	ug/L #	61
63) 1,2,4-Trimethylbenzene	10.918	105	2333	0.063	ug/L	94
71) Naphthalene	13.516	128	1198	0.065	ug/L #	78

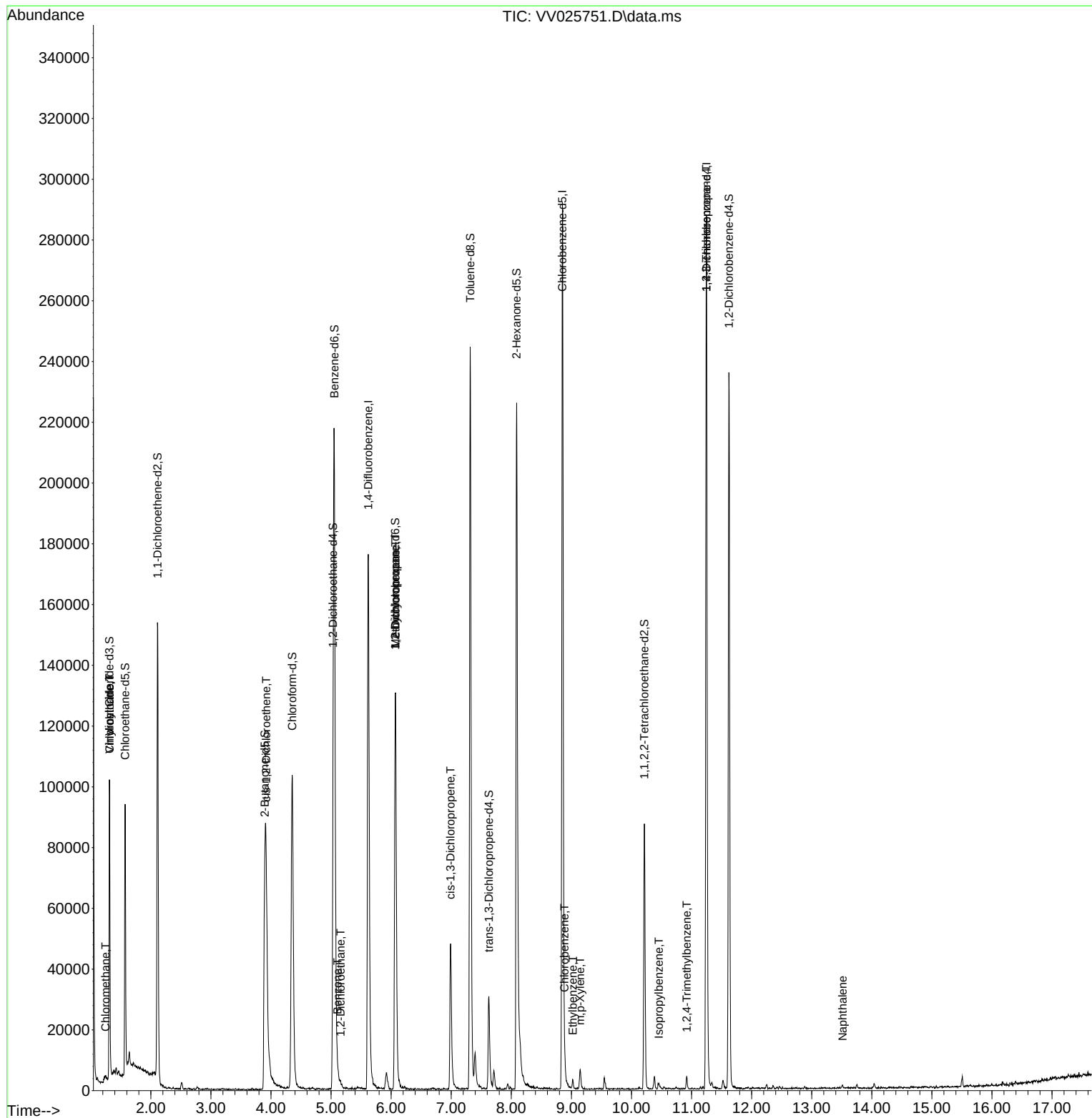
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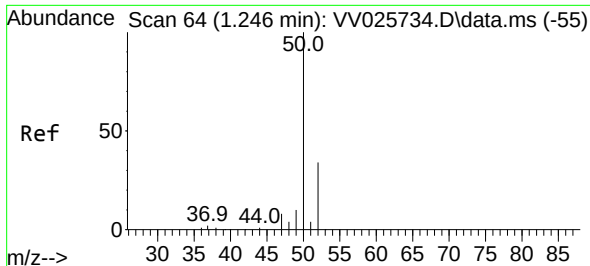
Instrument :
MSVOA_V
ClientSampleId :
BH0B6

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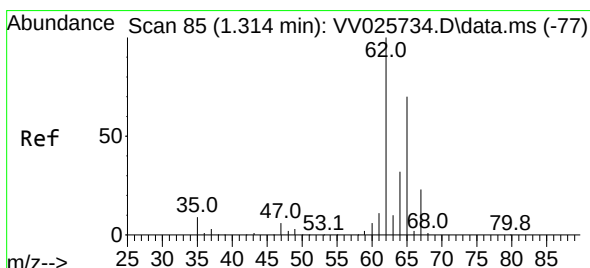
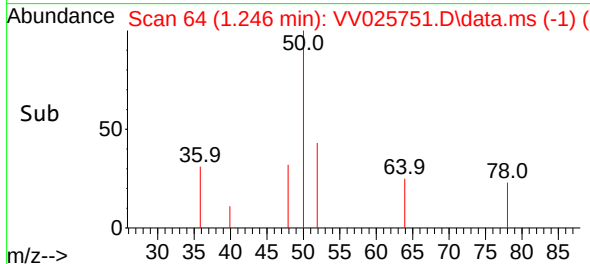
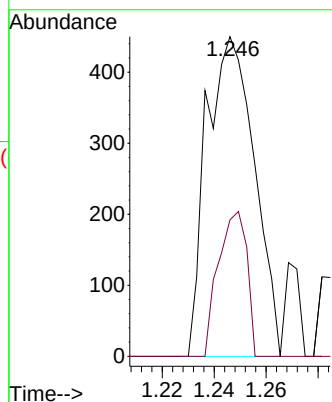
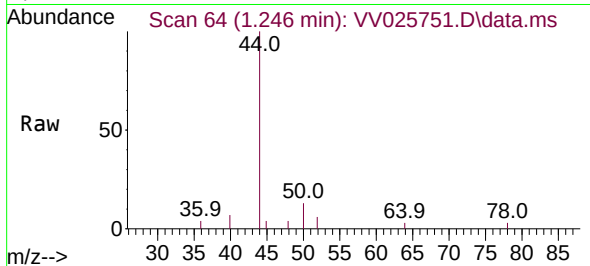




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

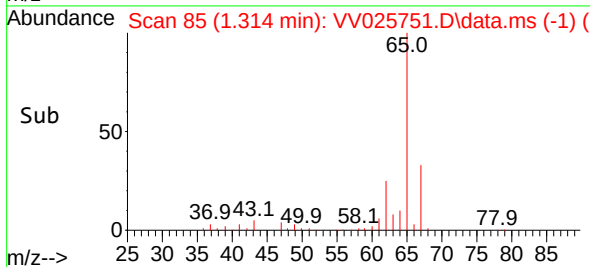
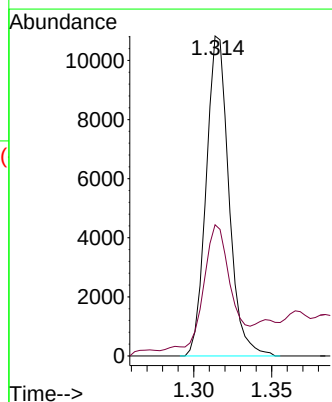
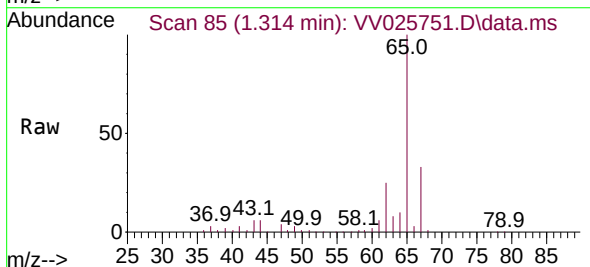
Instrument :
MSVOA_V
ClientSampleId :
BH0B6

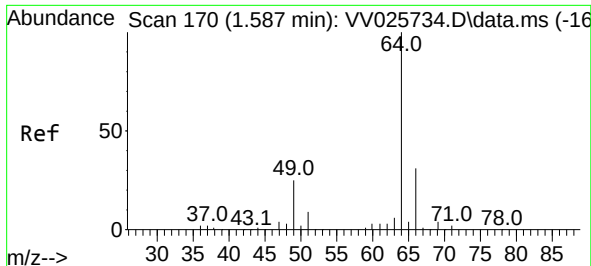
Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 42.7 23.7 43.9



#5
Vinyl chloride
Concen: 0.640 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.000 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

Tgt Ion: 62 Resp: 10975
Ion Ratio Lower Upper
62 100
64 41.0 23.2 43.2

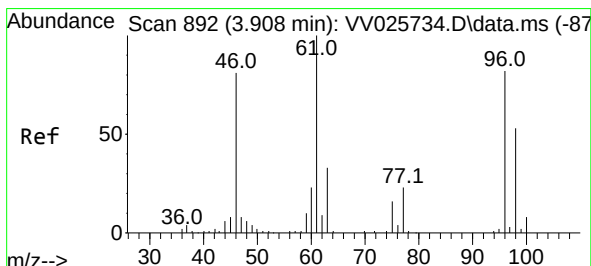
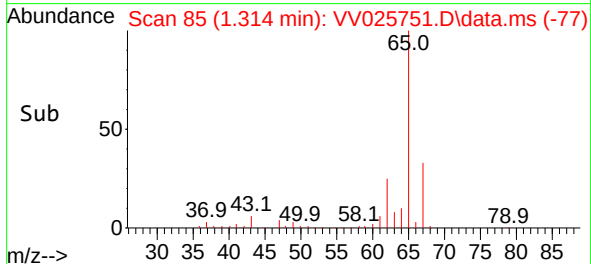
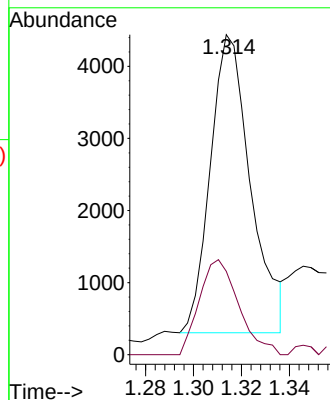
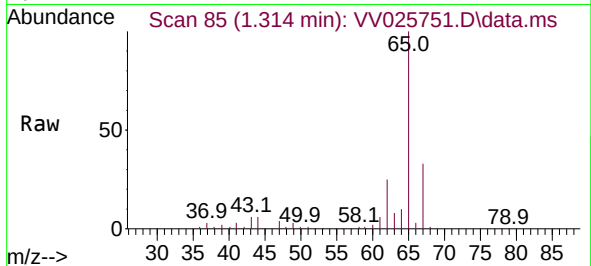




#8
Chloroethane
Concen: 0.365 ug/L
RT: 1.314 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

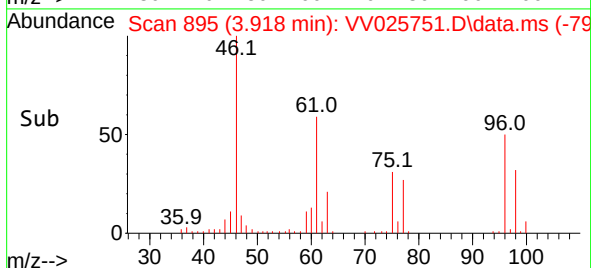
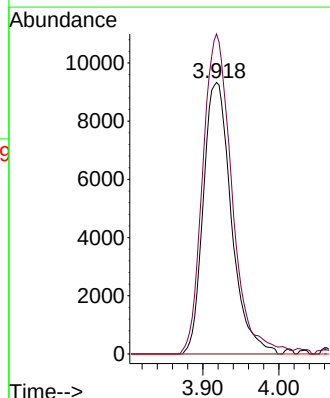
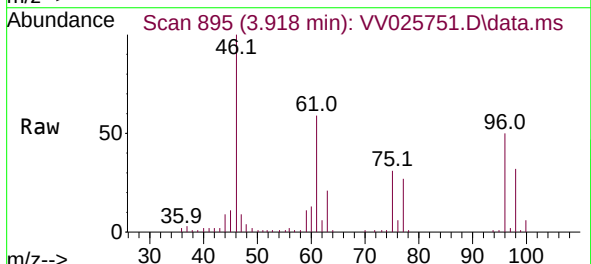
Instrument :
MSVOA_V
ClientSampleId :
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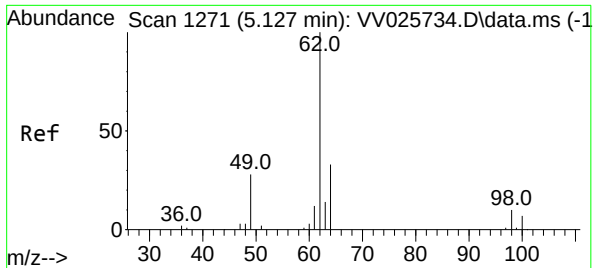
Tgt Ion: 64 Resp: 4830
Ion Ratio Lower Upper
64 100
66 26.0 21.8 40.6



#22
cis-1,2-Dichloroethene
Concen: 2.020 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

Tgt Ion: 96 Resp: 23885
Ion Ratio Lower Upper
96 100
61 117.9 80.0 148.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.060 ug/L

RT: 5.156 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV025751.D

Acq: 29 Apr 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

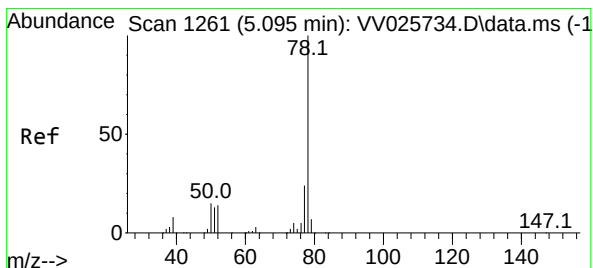
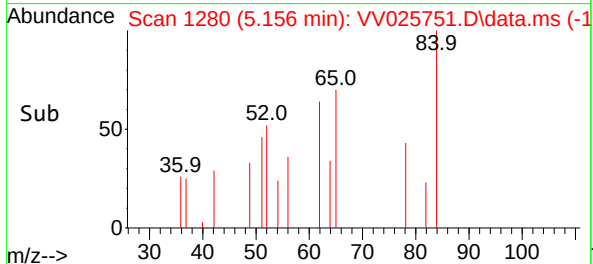
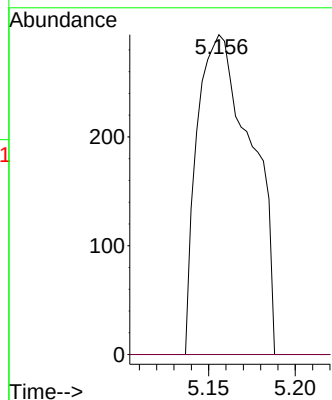
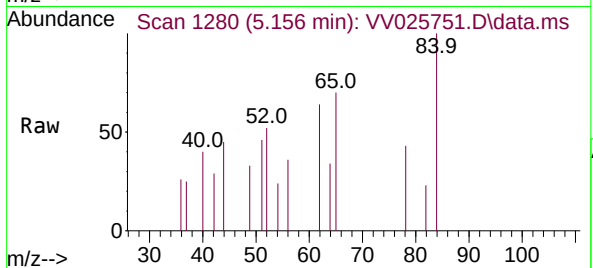
BH0B6

Tgt Ion: 62 Resp: 639

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#33

Benzene

Concen: 0.068 ug/L

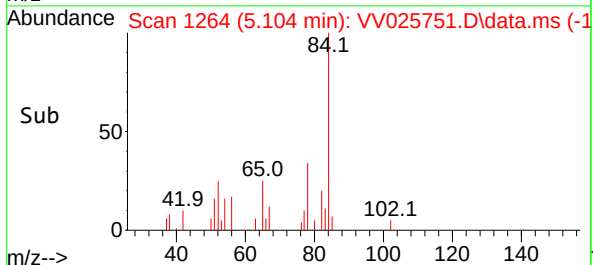
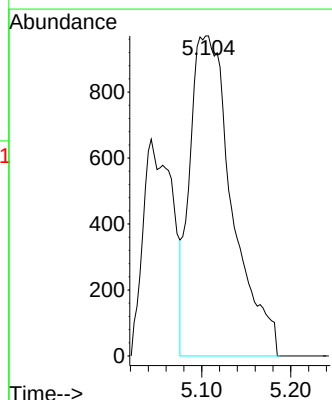
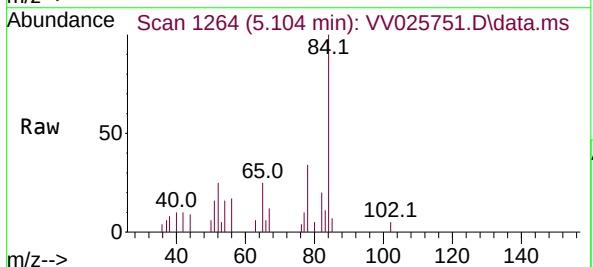
RT: 5.104 min Scan# 1264

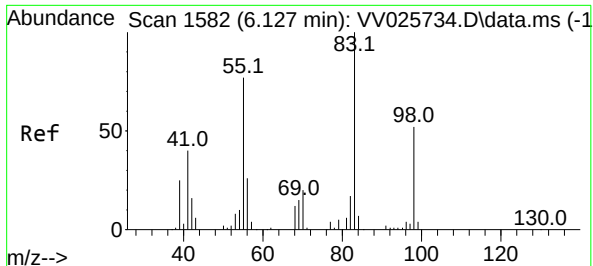
Delta R.T. 0.010 min

Lab File: VV025751.D

Acq: 29 Apr 2022 17:20

Tgt Ion: 78 Resp: 3202





#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025751.D

Acq: 29 Apr 2022 17:20

Instrument :

MSVOA_V

ClientSampleId :

BH0B6

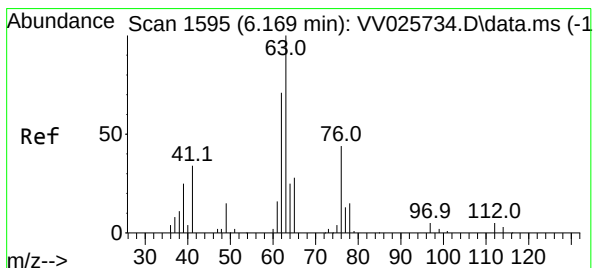
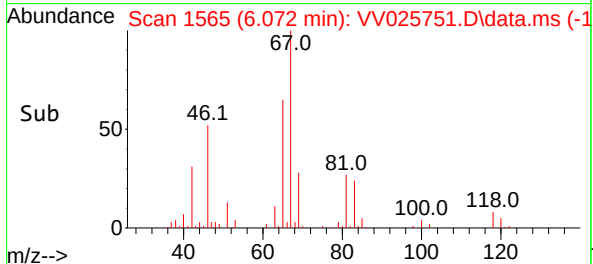
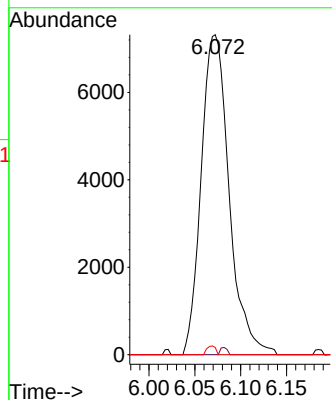
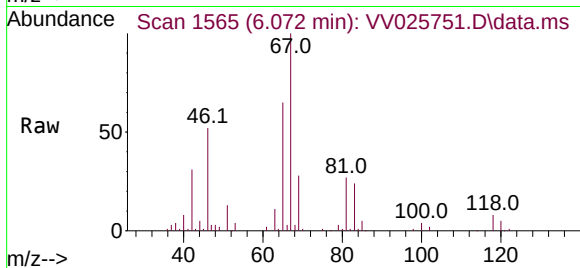
Tgt Ion: 83 Resp: 15517

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 0.8 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV025751.D

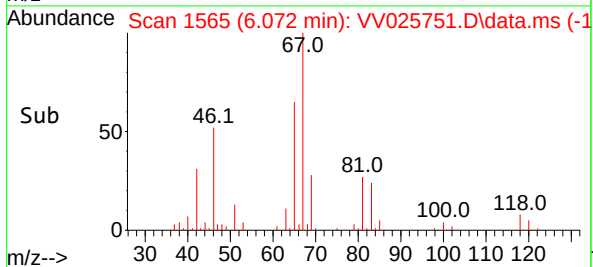
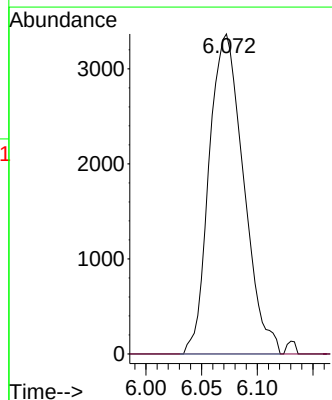
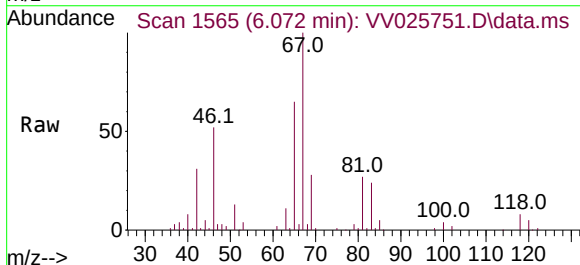
Acq: 29 Apr 2022 17:20

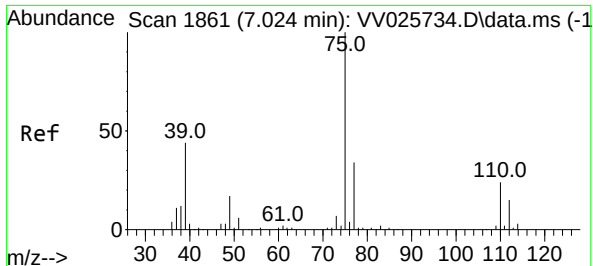
Tgt Ion: 63 Resp: 7240

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025751.D

Acq: 29 Apr 2022 17:20

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ClientSampleId :

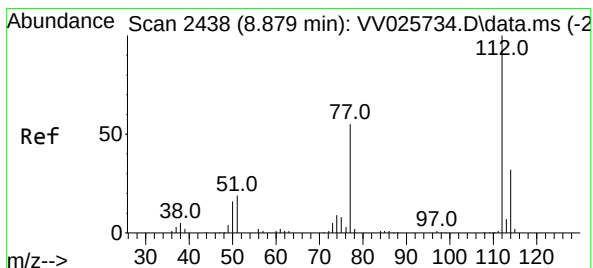
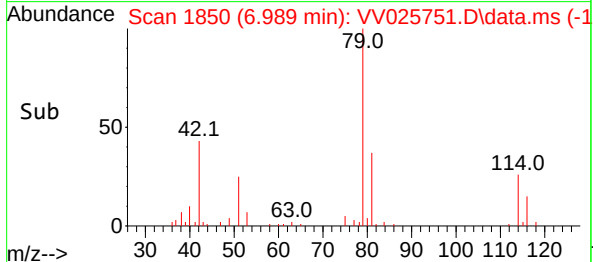
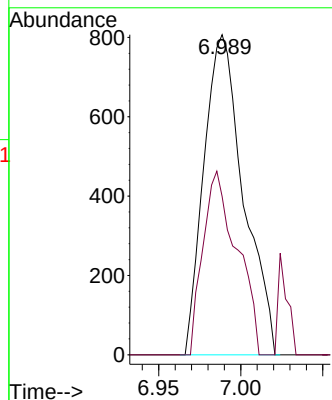
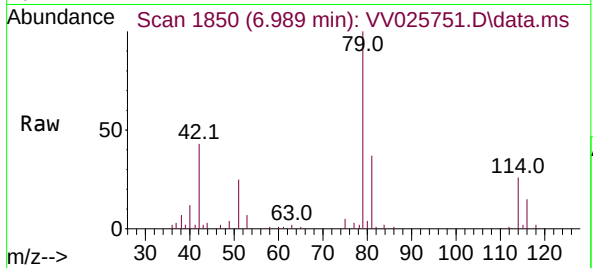
BH0B6

Tgt Ion: 75 Resp: 1352

Ion Ratio Lower Upper

75 100

77 49.4 21.8 40.6#



#51

Chlorobenzene

Concen: 0.094 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.006 min

Lab File: VV025751.D

Acq: 29 Apr 2022 17:20

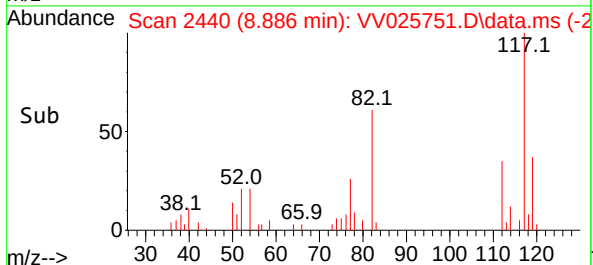
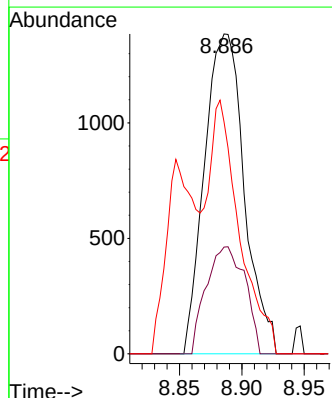
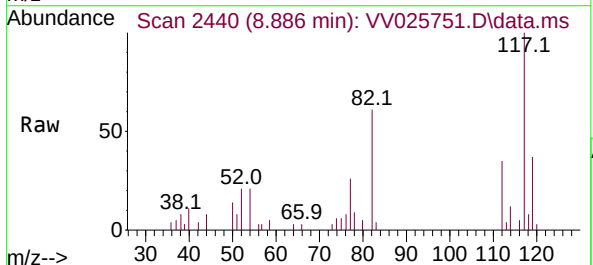
Tgt Ion: 112 Resp: 3078

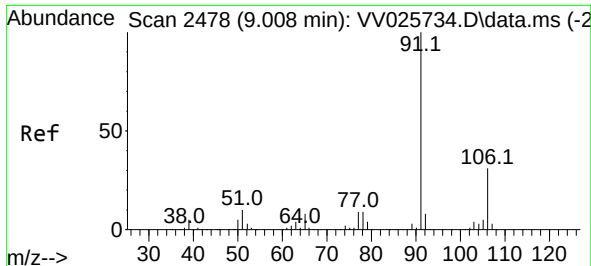
Ion Ratio Lower Upper

112 100

114 33.4 22.4 41.6

77 72.5 43.7 65.5#





#52

Ethylbenzene

Concen: 0.039 ug/L

RT: 9.024 min Scan# 24

Delta R.T. 0.016 min

Lab File: VV025751.D

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Instrument :

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ClientSampleId :

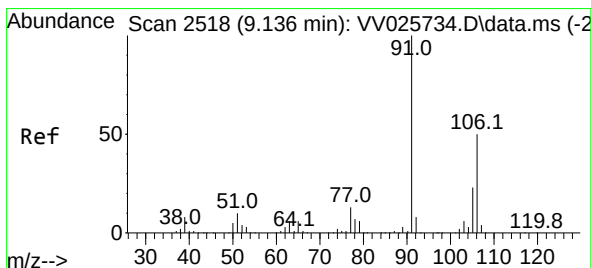
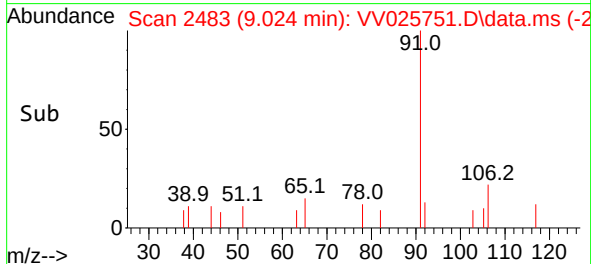
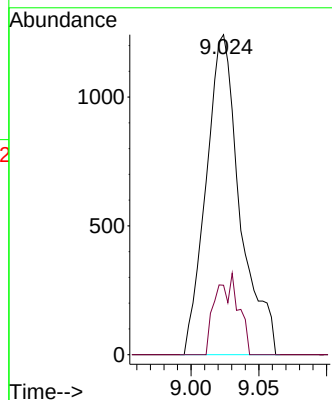
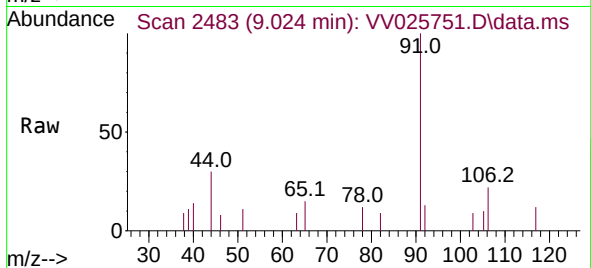
BH0B6

Tgt Ion: 91 Resp: 2159

Ion Ratio Lower Upper

91 100

106 21.7 22.3 41.3#



#53

m,p-Xylene

Concen: 0.106 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV025751.D

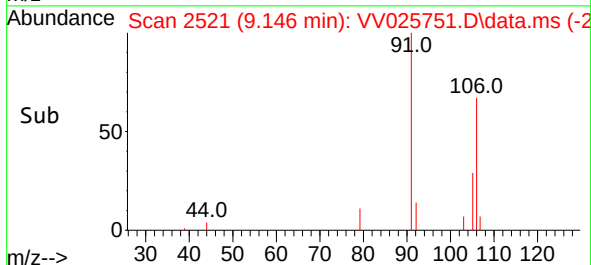
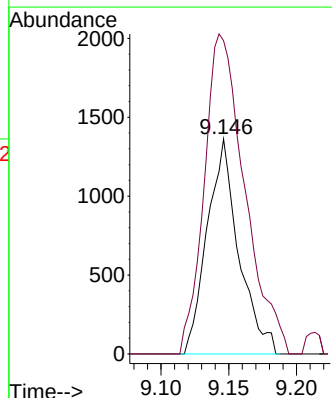
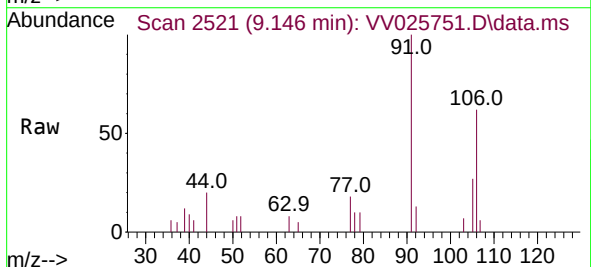
Acq: 29 Apr 2022 17:20

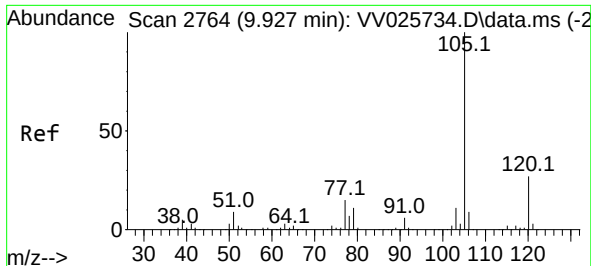
Tgt Ion: 106 Resp: 2207

Ion Ratio Lower Upper

106 100

91 145.6 136.4 253.4

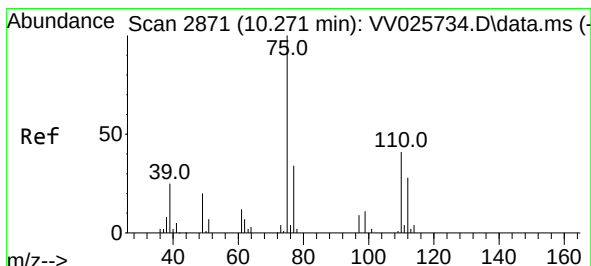
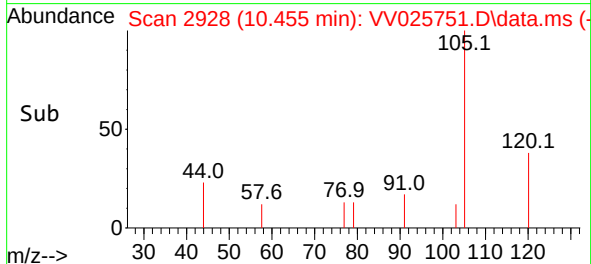
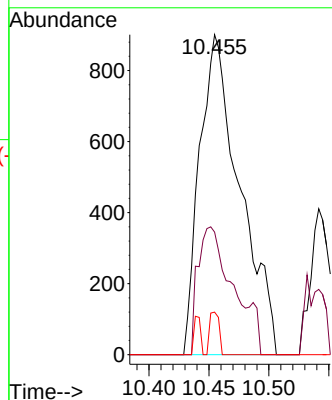
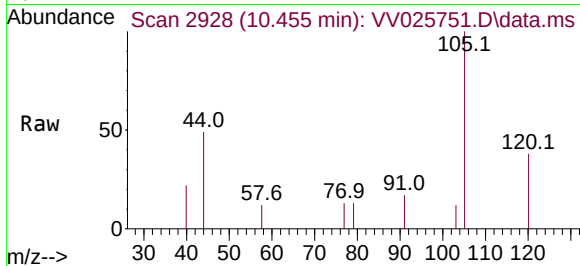




#60
Isopropylbenzene
Concen: 0.046 ug/L
RT: 10.455 min Scan# 2098
Delta R.T. 0.527 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

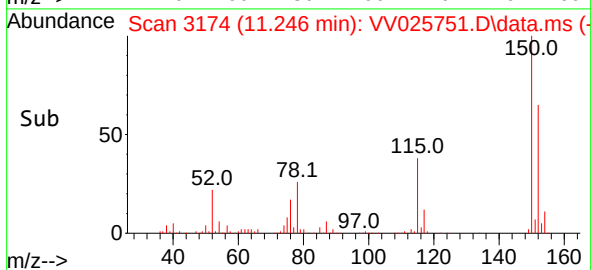
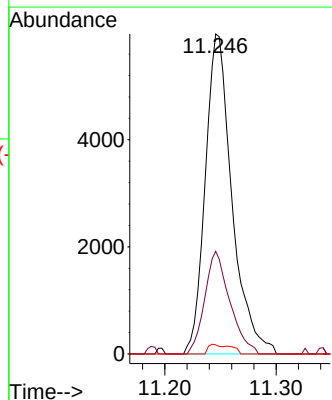
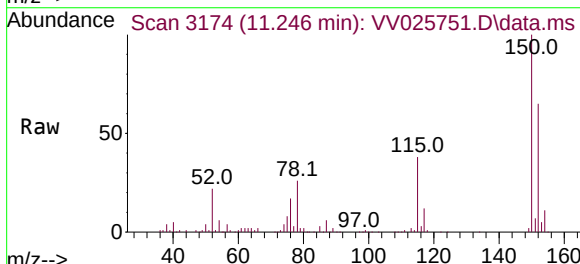
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MSVOA_V
ClientSampleId :
BH0B6

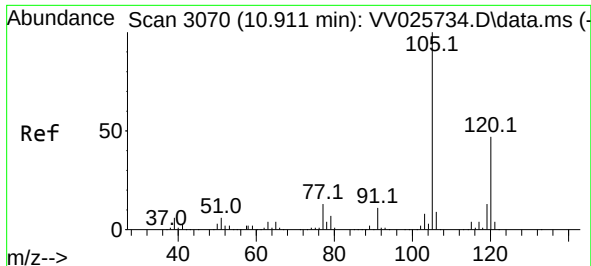
Tgt Ion:105 Resp: 2098
Ion Ratio Lower Upper
105 100
120 31.8 21.2 31.8
77 0.0 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 2.033 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

Tgt Ion: 75 Resp: 9957
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4
110 1.5 34.7 52.1#

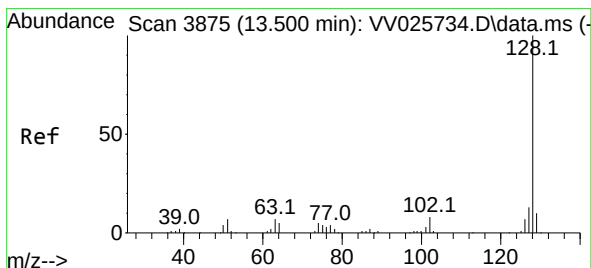
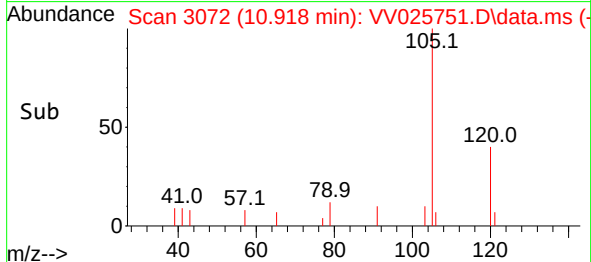
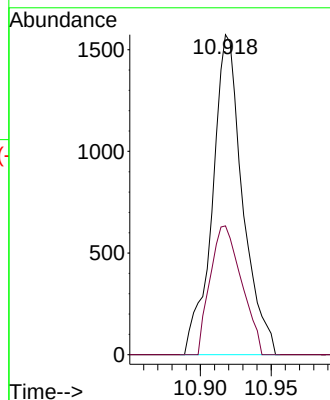
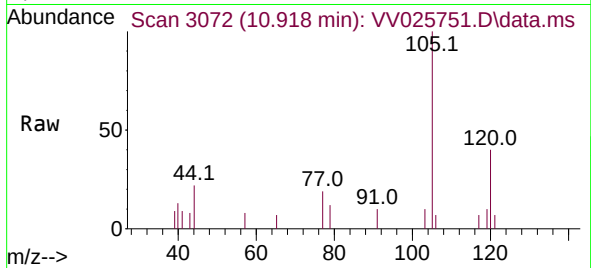




#63
1,2,4-Trimethylbenzene
Concen: 0.063 ug/L
RT: 10.918 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

Instrument :
MSVOA_V
ClientSampleId :
BH0B6

Tgt Ion:105 Resp: 2333
Ion Ratio Lower Upper
105 100
120 41.7 36.6 55.0



#71
Naphthalene
Concen: 0.065 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV025751.D
Acq: 29 Apr 2022 17:20

Tgt Ion:128 Resp: 1198
Ion Ratio Lower Upper
128 100
129 5.4 8.8 13.2#
127 1.7 10.4 15.6#

