

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052766.D
 Acq On : 20 Jan 2023 17:33
 Operator : JC/MD
 Sample : 01216-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH206DL

Quant Time: Jan 21 01:56:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 21 01:44:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	168895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	164512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	99631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51626	3.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.916	69	45376	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.568	65	23336	3.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.649	46	199473	50.278	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.560%
24) Chloroform-d	5.060	84	111373	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.700	65	64029	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.723	84	227723	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.687	67	71621	4.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.893	98	195330	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.176	79	30287	4.583	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.632	63	165418	60.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	67909	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	87332	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	8958	0.460	ug/L	82
33) Benzene	5.771	78	72317	1.111	ug/L	100
35) Methylcyclohexane	6.687	83	16570	0.652	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	7647	0.438	ug/L #	89
42) Toluene	7.964	91	806383	12.432	ug/L	98
45) 1,1,2-Trichloroethane	8.269	97	3859	0.351	ug/L #	16
48) 2-Hexanone	8.632	43	17952	2.453	ug/L #	76
52) Ethylbenzene	9.565	91	213828	3.236	ug/L	97
53) m,p-Xylene	9.687	106	339989	13.584	ug/L	96
54) o-Xylene	10.095	106	150927	6.307	ug/L	99
55) Styrene	10.112	104	130579	3.199	ug/L	99
60) Isopropylbenzene	10.481	105	12739	0.180	ug/L #	54
61) 1,2,3-Trichloropropane	11.462	75	2634	0.227	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.083	105	83707	1.486	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	285009	5.023	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.021	75	17121	6.411	ug/L #	12

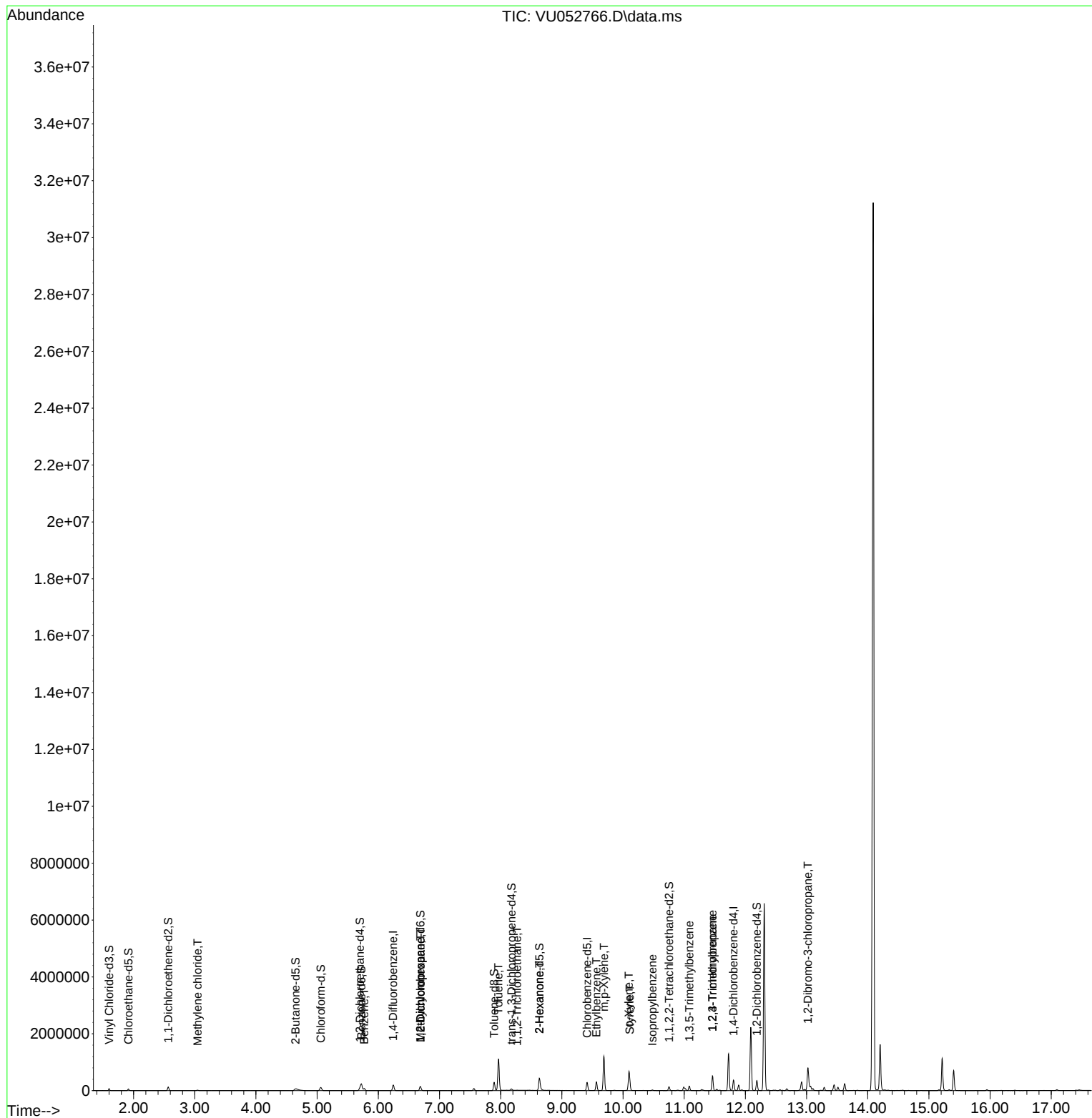
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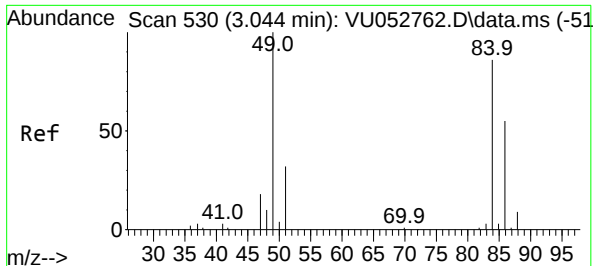
Instrument :
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ClientSampleId :
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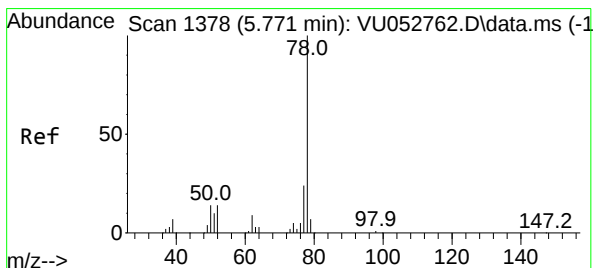
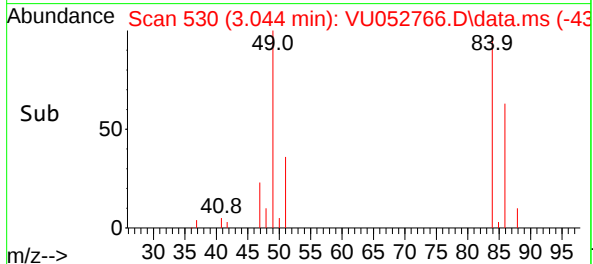
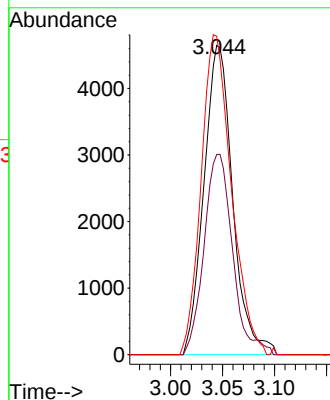
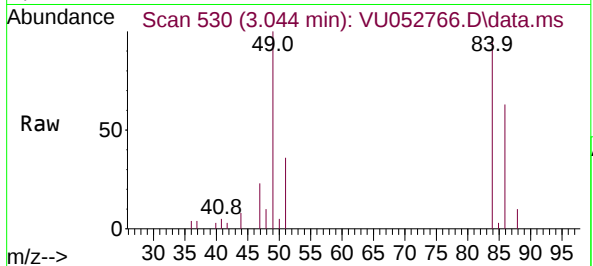




#16
Methylene chloride
Concen: 0.460 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

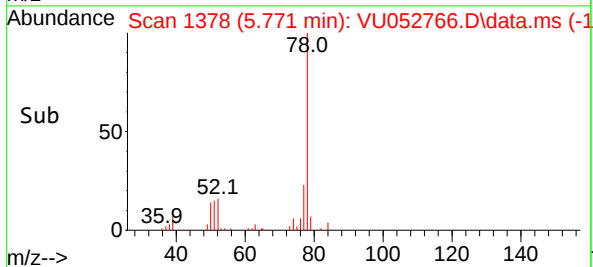
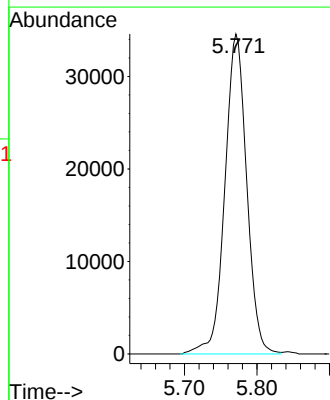
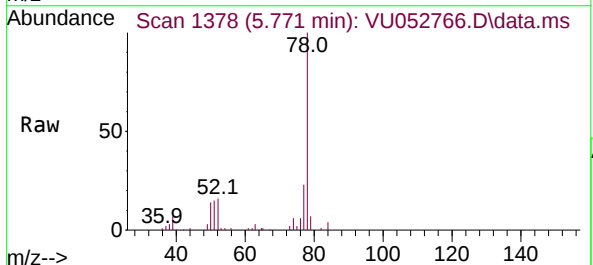
Instrument :
MSVOA_U
ClientSampleId :
BH206DL

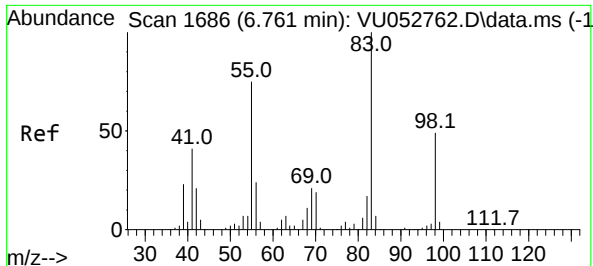
Tgt Ion: 84 Resp: 8958
Ion Ratio Lower Upper
84 100
86 64.7 45.6 84.6
49 103.0 94.8 176.0



#33
Benzene
Concen: 1.111 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

Tgt Ion: 78 Resp: 72317





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052766.D

Acq: 20 Jan 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

BH206DL

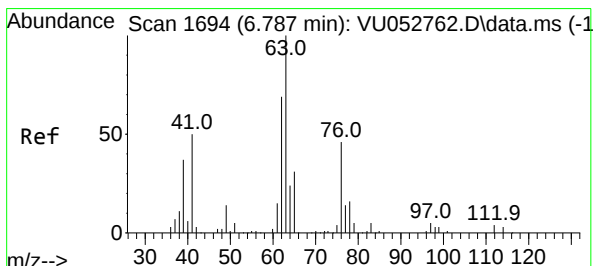
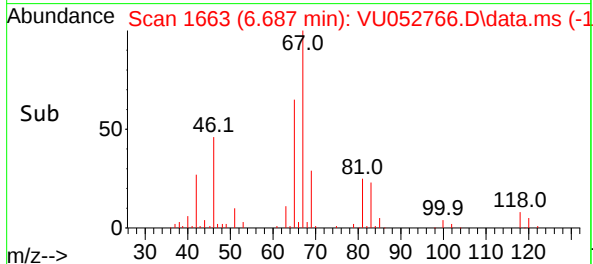
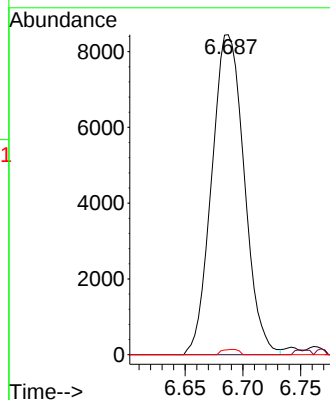
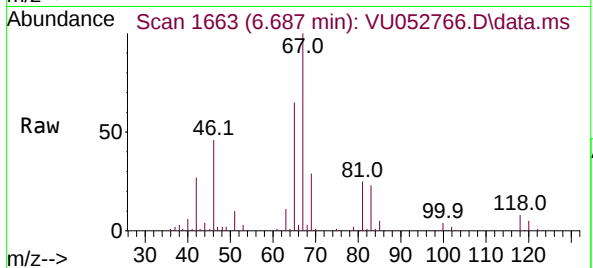
Tgt Ion: 83 Resp: 16570

Ion Ratio Lower Upper

83 100

55 0.7 67.6 101.4#

98 0.9 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.438 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052766.D

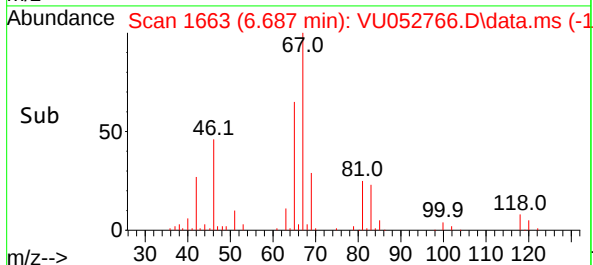
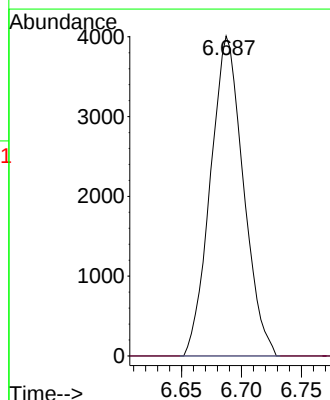
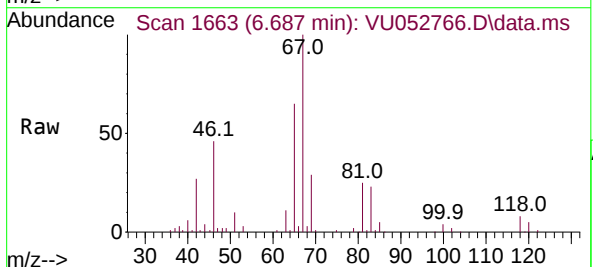
Acq: 20 Jan 2023 17:33

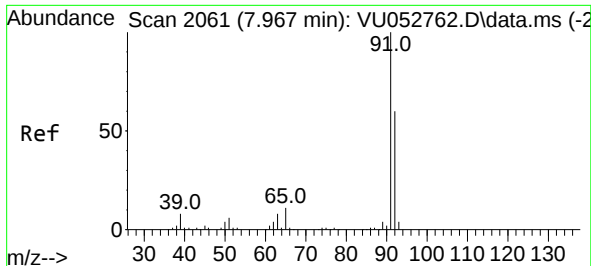
Tgt Ion: 63 Resp: 7647

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#42

Toluene

Concen: 12.432 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.003 min

Lab File: VU052766.D

Acq: 20 Jan 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

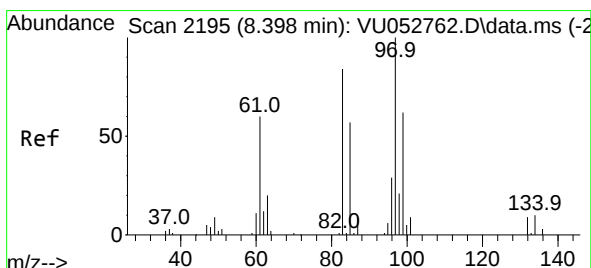
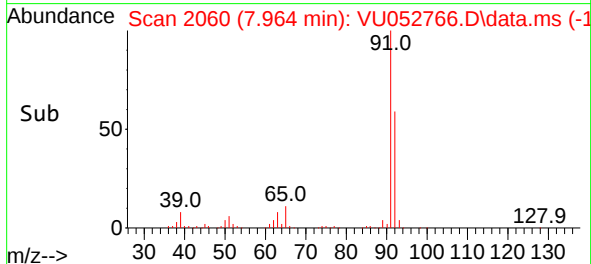
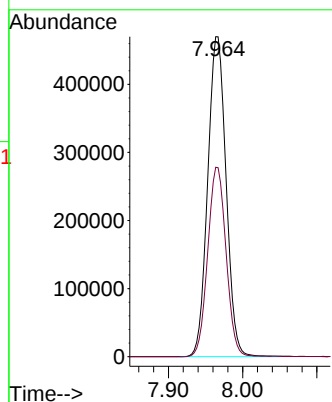
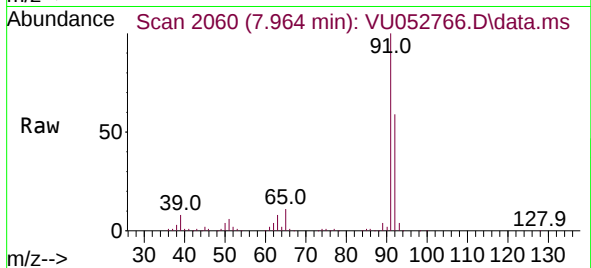
BH206DL

Tgt Ion: 91 Resp: 806383

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.1



#45

1,1,2-Trichloroethane

Concen: 0.351 ug/L

RT: 8.269 min Scan# 2155

Delta R.T. -0.129 min

Lab File: VU052766.D

Acq: 20 Jan 2023 17:33

Tgt Ion: 97 Resp: 3859

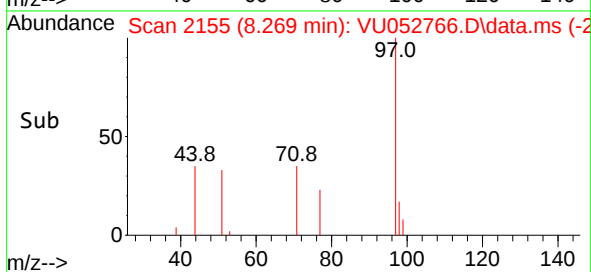
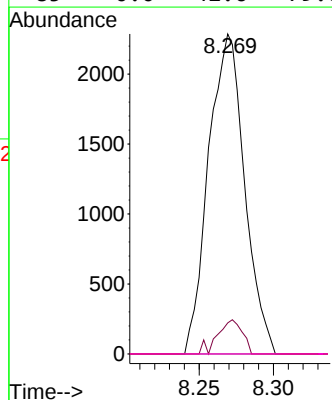
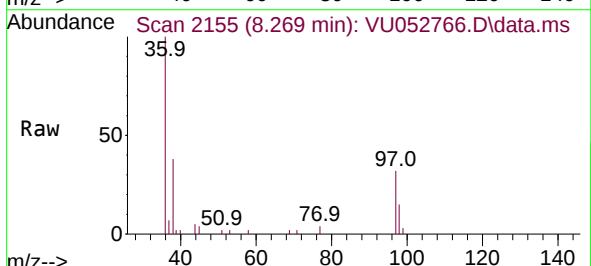
Ion Ratio Lower Upper

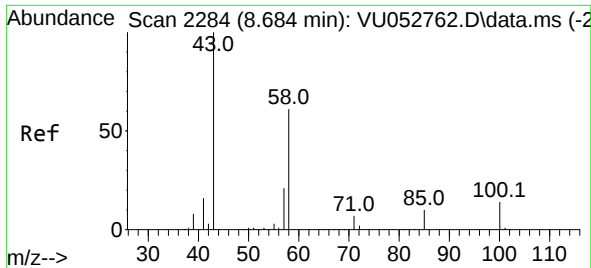
97 100

99 9.7 44.8 83.2#

83 0.0 65.3 121.3#

85 0.0 42.6 79.0#





#48

2-Hexanone

Concen: 2.453 ug/L

RT: 8.632 min Scan# 21

Delta R.T. -0.051 min

Lab File: VU052766.D

Acq: 20 Jan 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

BH206DL

Tgt Ion: 43 Resp: 17952

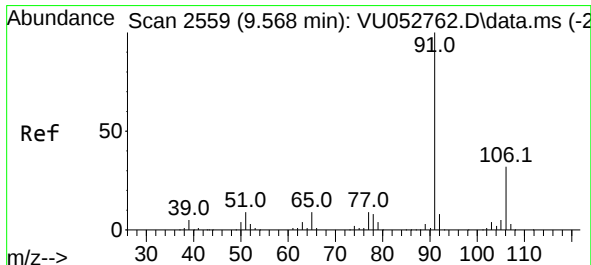
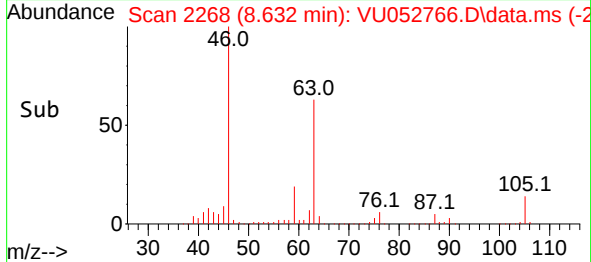
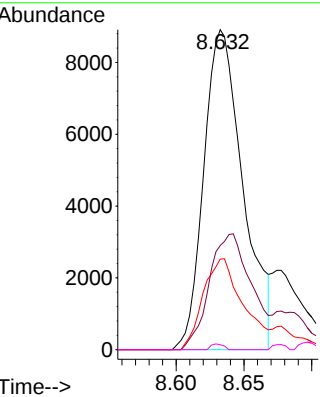
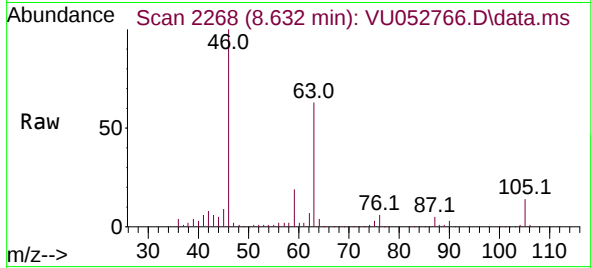
Ion Ratio Lower Upper

43 100

58 38.6 45.1 67.7#

57 28.8 15.1 22.7#

100 0.6 9.0 13.4#



#52

Ethylbenzene

Concen: 3.236 ug/L

RT: 9.565 min Scan# 2558

Delta R.T. -0.003 min

Lab File: VU052766.D

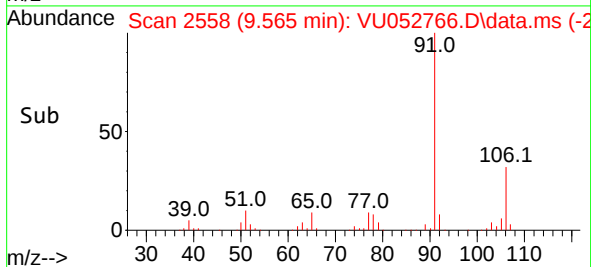
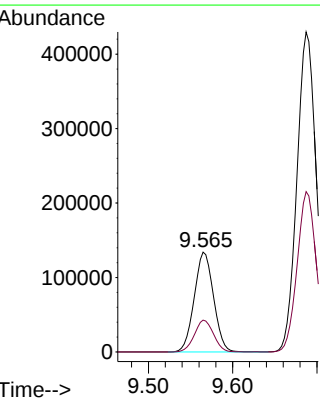
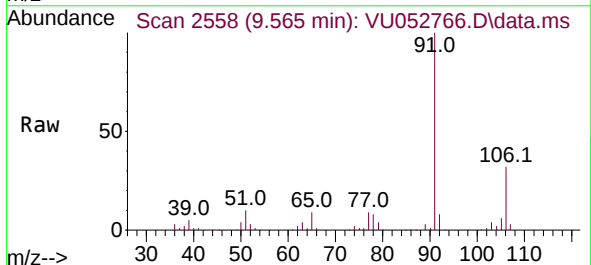
Acq: 20 Jan 2023 17:33

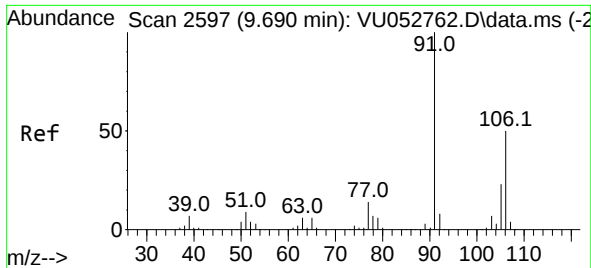
Tgt Ion: 91 Resp: 213828

Ion Ratio Lower Upper

91 100

106 31.8 21.1 39.3

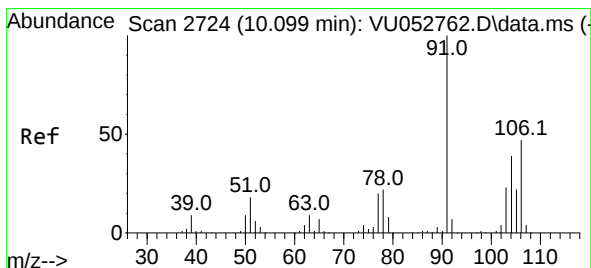
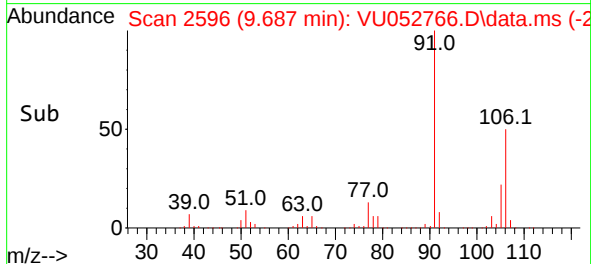
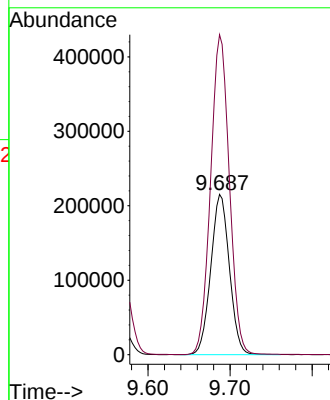
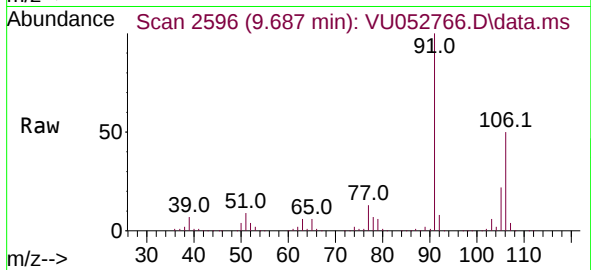




#53
m,p-Xylene
Concen: 13.584 ug/L
RT: 9.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

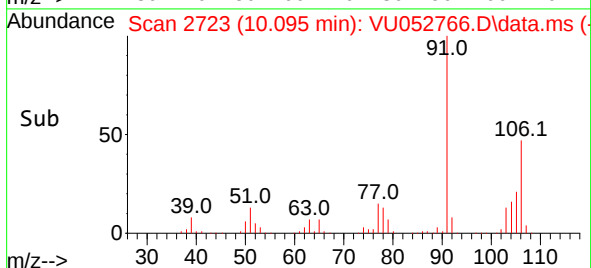
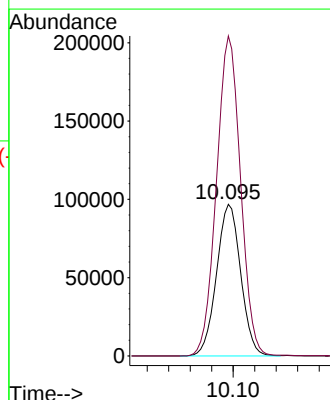
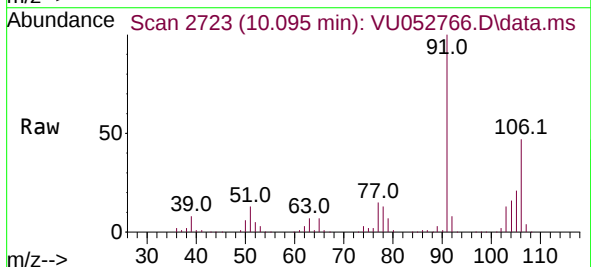
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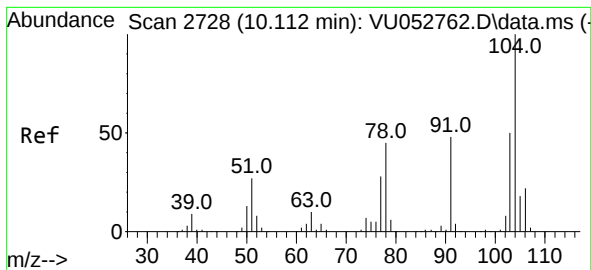
Tgt Ion:106 Resp: 339989
Ion Ratio Lower Upper
106 100
91 199.6 144.3 267.9



#54
o-Xylene
Concen: 6.307 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

Tgt Ion:106 Resp: 150927
Ion Ratio Lower Upper
106 100
91 210.9 148.7 276.1





#55

Styrene

Concen: 3.199 ug/L

RT: 10.112 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052766.D

Acq: 20 Jan 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

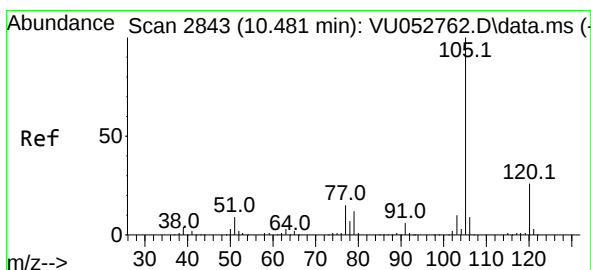
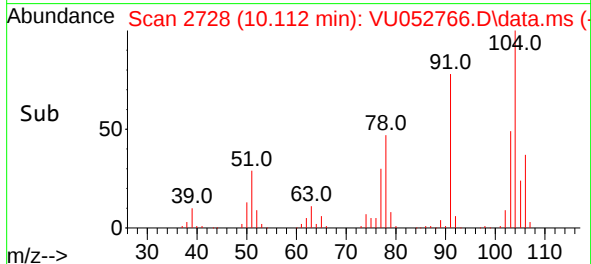
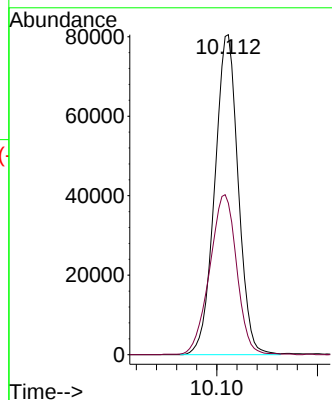
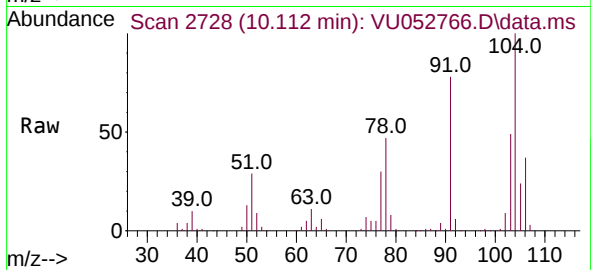
BH206DL

Tgt Ion:104 Resp: 130579

Ion Ratio Lower Upper

104 100

78 47.4 32.8 60.8



#60

Isopropylbenzene

Concen: 0.180 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VU052766.D

Acq: 20 Jan 2023 17:33

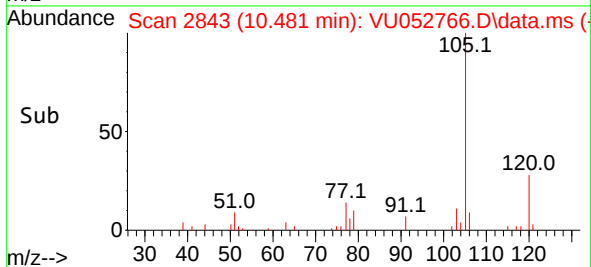
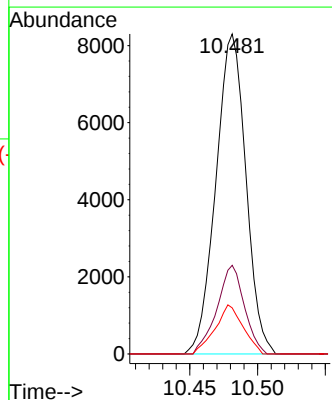
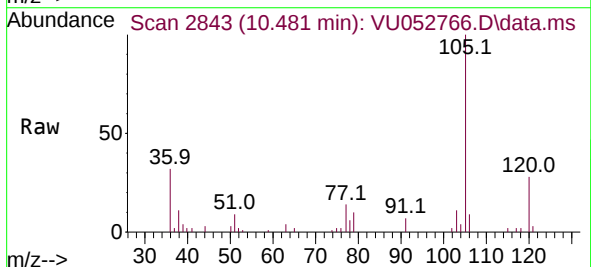
Tgt Ion:105 Resp: 12739

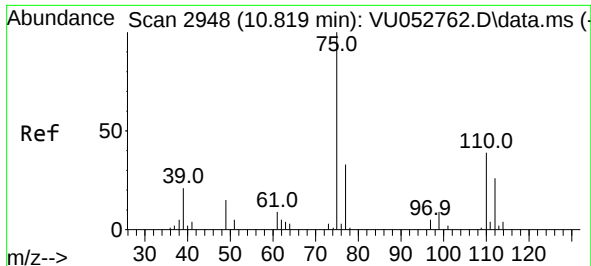
Ion Ratio Lower Upper

105 100

120 0.0 20.4 30.6#

77 0.0 13.2 19.8#

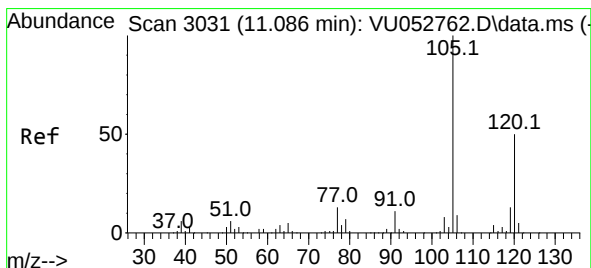
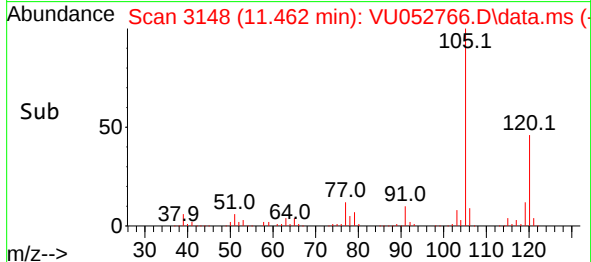
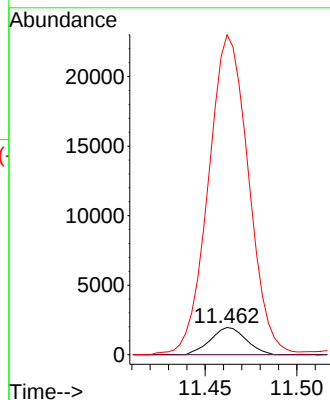
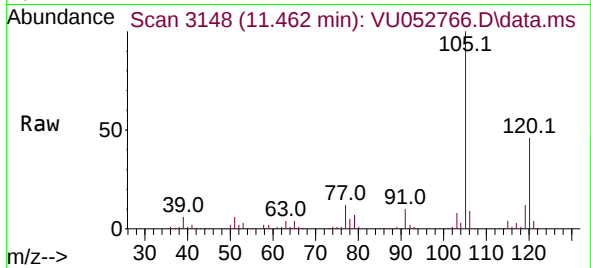




#61
1,2,3-Trichloropropane
Concen: 0.227 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.643 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

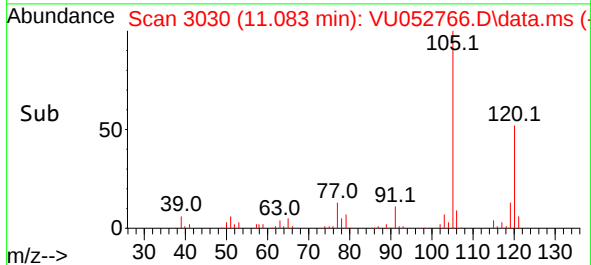
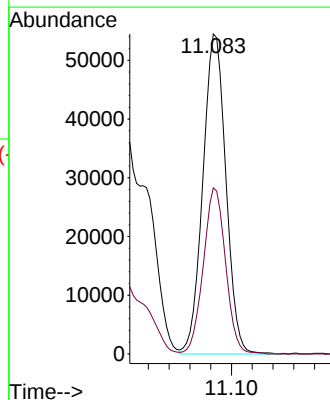
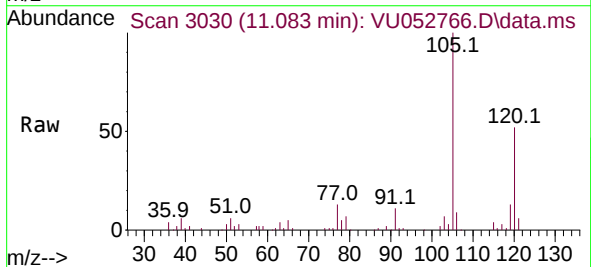
Instrument :
MSVOA_U
ClientSampleId :
BH206DL

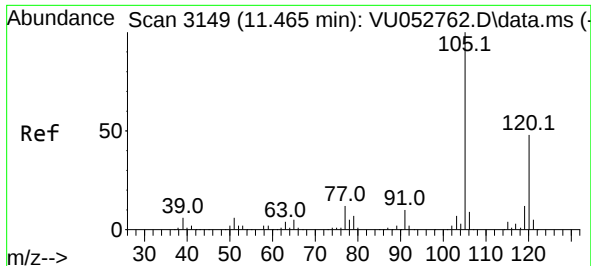
Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
110 0.0 27.2 40.8#
77 1331.9 24.0 36.0#



#62
1,3,5-Trimethylbenzene
Concen: 1.486 ug/L
RT: 11.083 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

Tgt Ion: 105 Resp: 83707
Ion Ratio Lower Upper
105 100
120 50.2 39.0 58.6

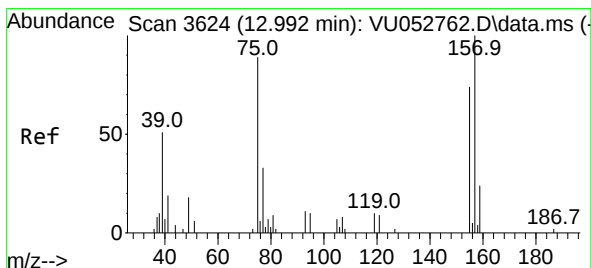
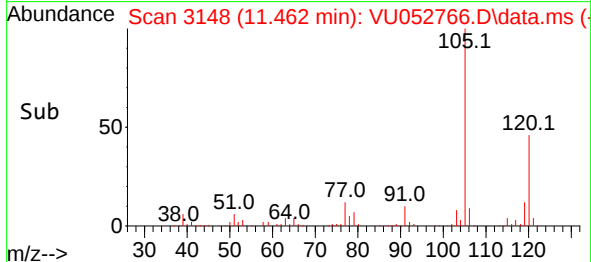
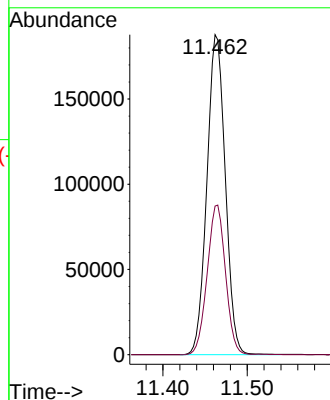
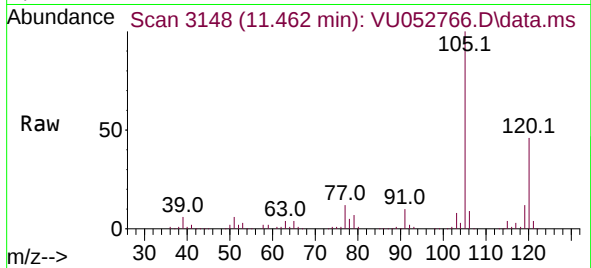




#63
1,2,4-Trimethylbenzene
Concen: 5.023 ug/L
RT: 11.462 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

Instrument :
MSVOA_U
ClientSampleId :
BH206DL

Tgt Ion:105 Resp: 285009
Ion Ratio Lower Upper
105 100
120 46.5 35.9 53.9



#68
1,2-Dibromo-3-chloropropane
Concen: 6.411 ug/L
RT: 13.021 min Scan# 3633
Delta R.T. 0.029 min
Lab File: VU052766.D
Acq: 20 Jan 2023 17:33

Tgt Ion: 75 Resp: 17121
Ion Ratio Lower Upper
75 100
155 0.0 48.0 72.0#
157 0.0 69.3 103.9#

