

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050004.D
 Acq On : 28 Jul 2022 23:21
 Operator : SY/MD
 Sample : N3879-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH7DL

Quant Time: Jul 29 06:39:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30909	4.881	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.912	69	25825	5.678	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.600%	
11) 1,1-Dichloroethene-d2	2.562	65	11358	5.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.000%	
20) 2-Butanone-d5	4.658	46	95307	67.609	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	135.220%#	
24) Chloroform-d	5.063	84	58894	5.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.400%	
26) 1,2-Dichloroethane-d4	5.706	65	31428	5.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.000%	
32) Benzene-d6	5.726	84	113200	5.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.694	67	40425	5.641	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.800%	
41) Toluene-d8	7.899	98	86718	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.182	79	12805	5.098	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.642	63	52414	55.748	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35968	5.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30237	5.607	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	854	0.127	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	362	0.082	ug/L #	21
16) Methylene chloride	3.041	84	6927	1.107	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	911	0.170	ug/L #	70
27) 1,2-Dichloroethane	5.800	62	1391	0.242	ug/L #	73
30) Cyclohexane	5.382	56	1592	0.240	ug/L #	89
33) Benzene	5.771	78	5392	0.250	ug/L	100
35) Methylcyclohexane	6.758	83	1144	0.165	ug/L	97
37) 1,2-Dichloropropane	6.694	63	4033	0.677	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	719	0.093	ug/L #	43
47) Tetrachloroethene	8.552	164	22483	5.948	ug/L	97
48) 2-Hexanone	8.694	43	17242	6.575	ug/L #	89
49) Dibromochloromethane	8.552	129	21992	4.517	ug/L #	10
53) m,p-Xylene	9.700	106	1469	0.179	ug/L	88
54) o-Xylene	10.102	106	1173	0.148	ug/L	69
61) 1,2,3-Trichloropropane	11.816	75	3495	1.035	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.086	105	1173	0.084	ug/L	97

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
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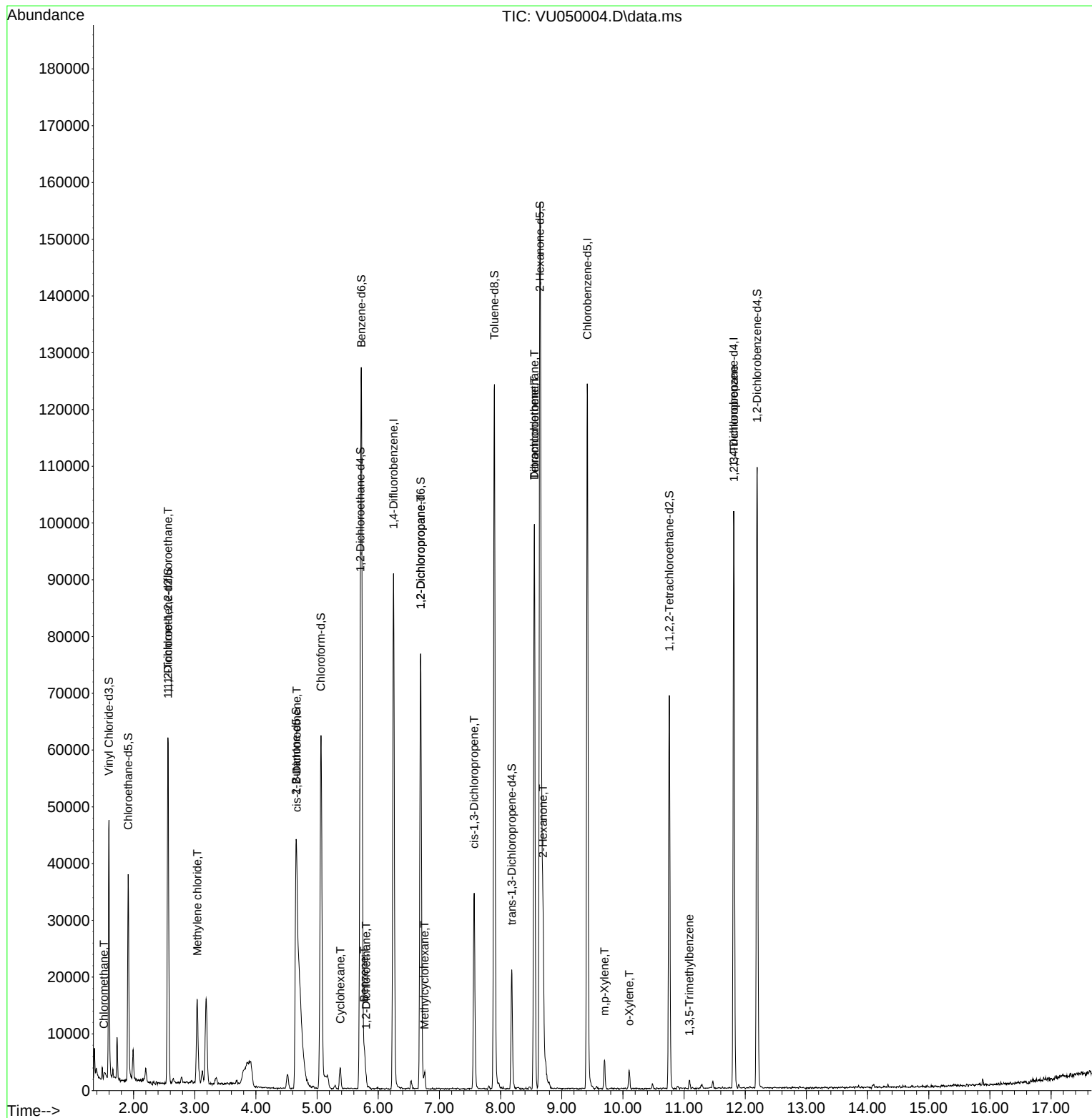
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

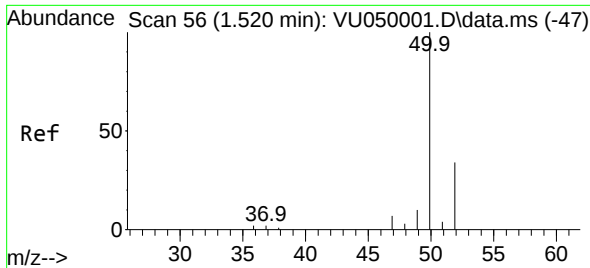
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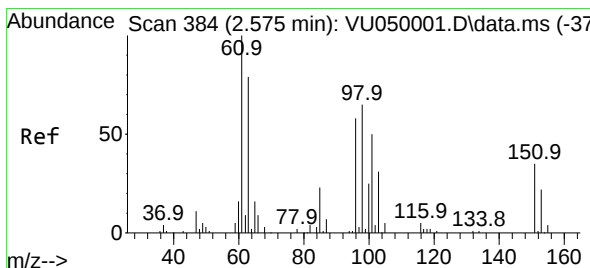
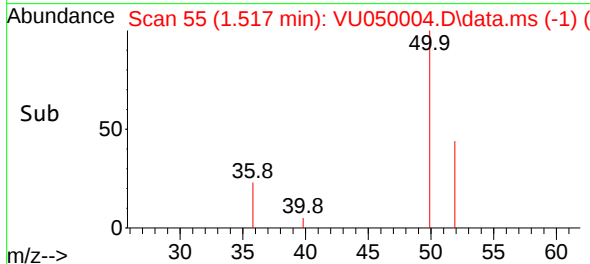
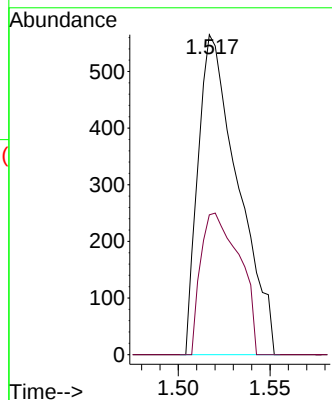
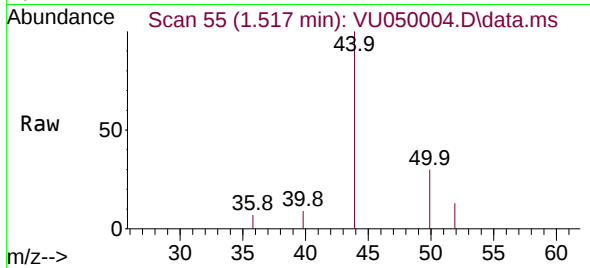




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

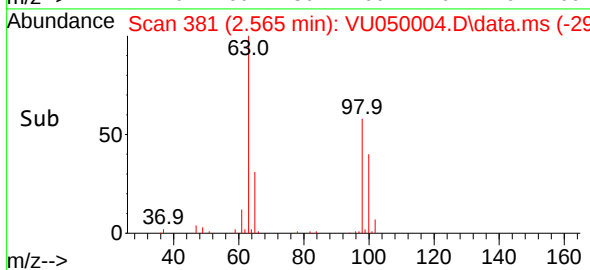
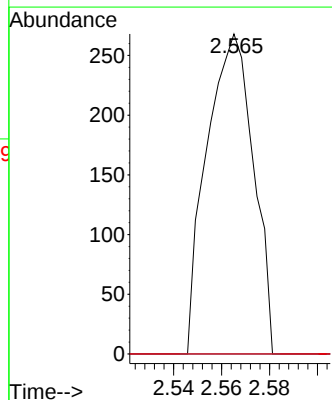
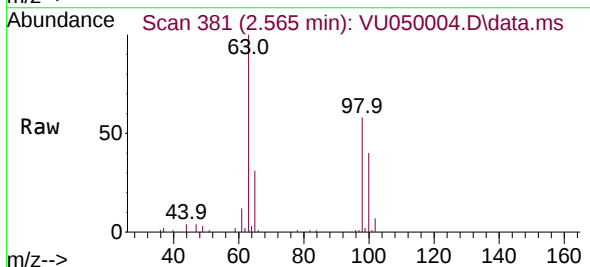
Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

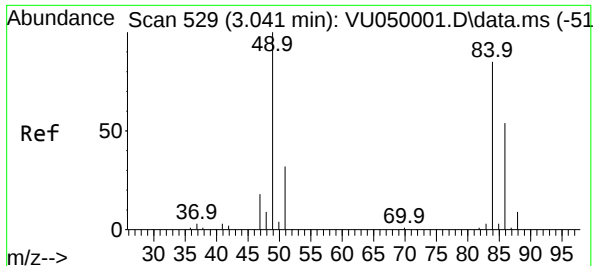
Tgt Ion: 50 Resp: 854
Ion Ratio Lower Upper
50 100
52 43.7 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.082 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.009 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 101 Resp: 362
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

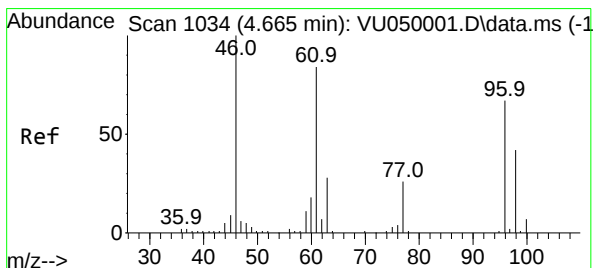
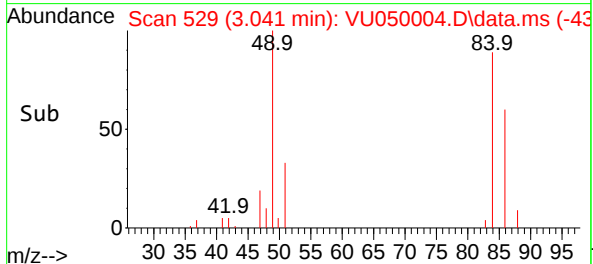
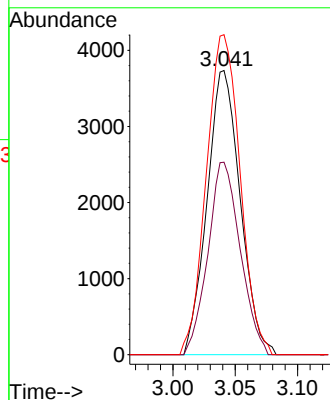
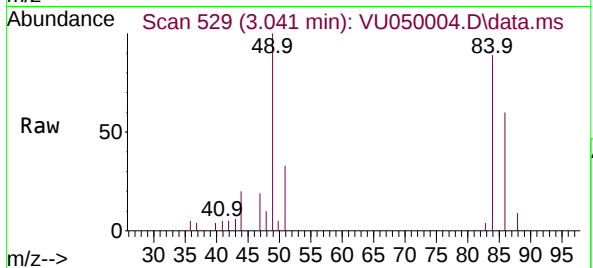




#16
Methylene chloride
Concen: 1.107 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

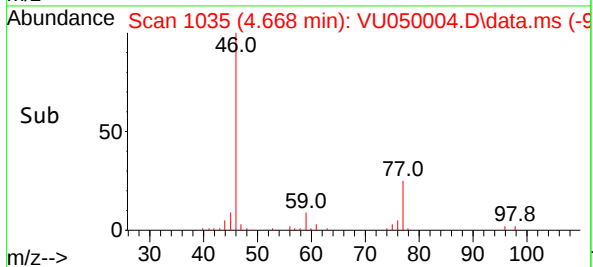
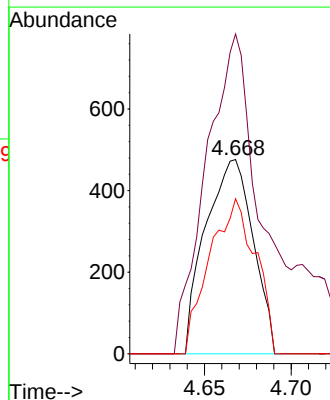
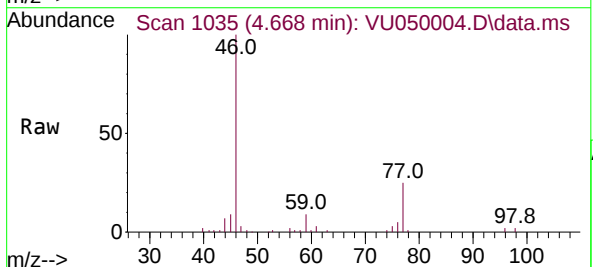
Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

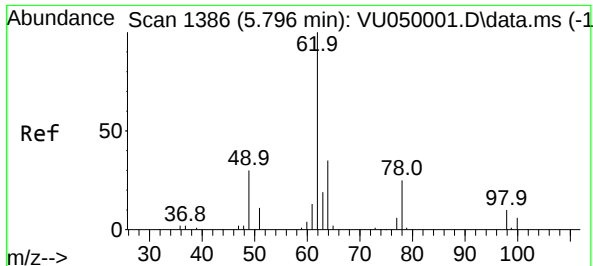
Tgt Ion: 84 Resp: 6927
Ion Ratio Lower Upper
84 100
86 67.8 45.2 84.0
49 118.4 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 96 Resp: 911
Ion Ratio Lower Upper
96 100
61 164.7 87.2 161.9#
98 79.8 44.7 83.1





#27

1,2-Dichloroethane

Concen: 0.242 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU050004.D

Acq: 28 Jul 2022 23:21

Instrument :

MSVOA_U

ClientSampleId :

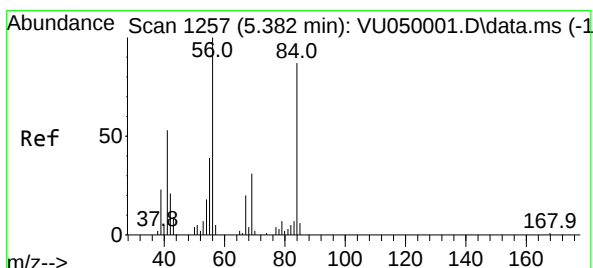
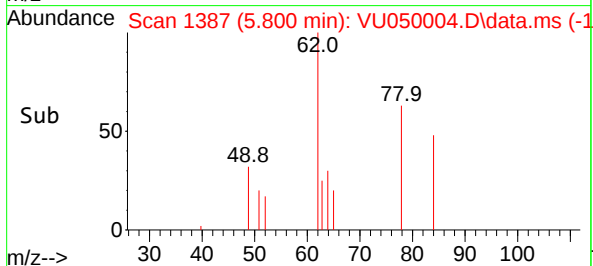
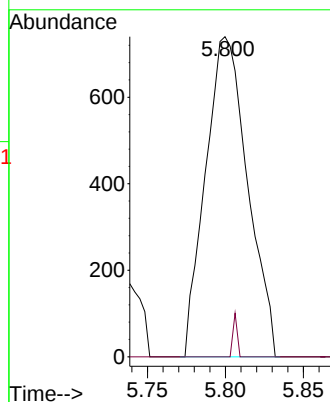
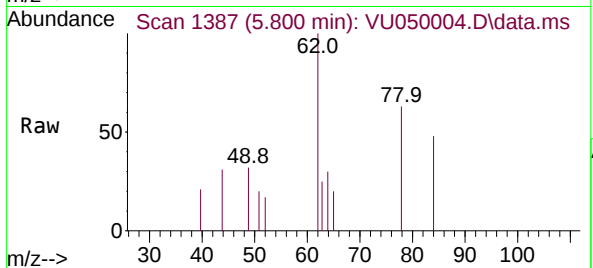
DBUH7DL

Tgt Ion: 62 Resp: 1391

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#30

Cyclohexane

Concen: 0.240 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU050004.D

Acq: 28 Jul 2022 23:21

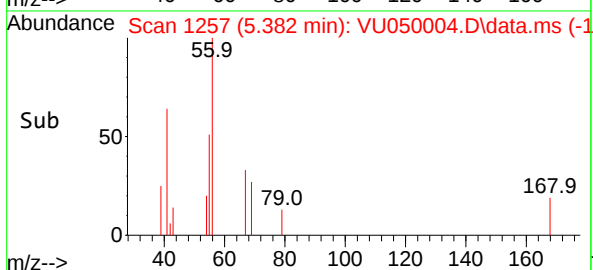
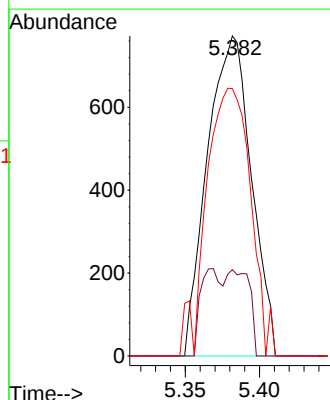
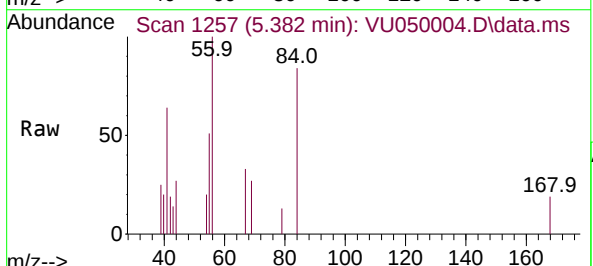
Tgt Ion: 56 Resp: 1592

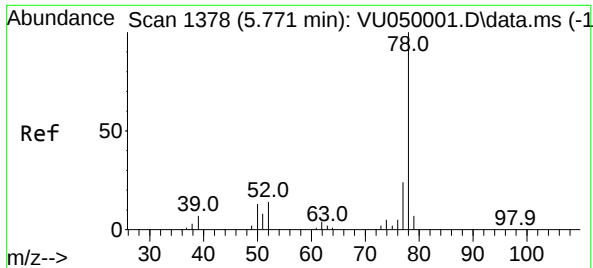
Ion Ratio Lower Upper

56 100

69 13.9 25.1 37.7#

84 84.0 70.1 105.1

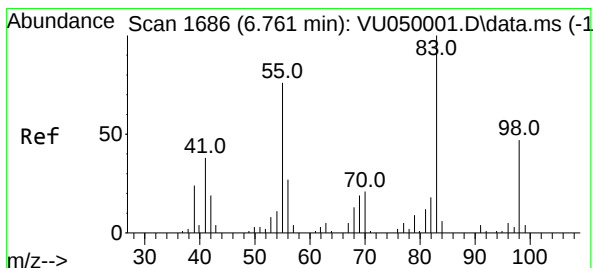
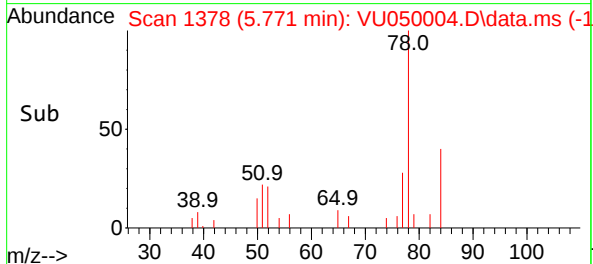
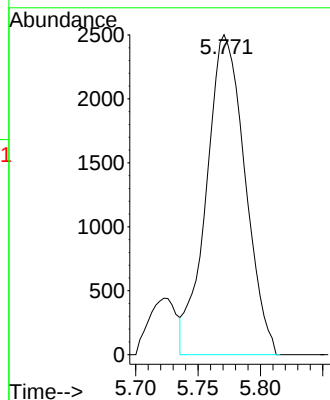
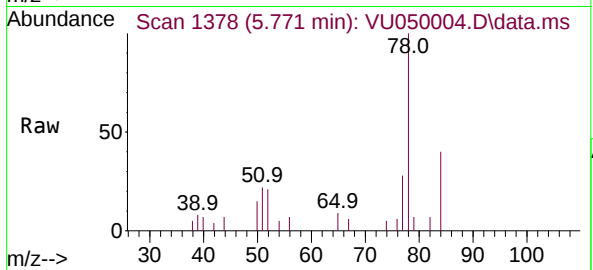




#33
Benzene
Concen: 0.250 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

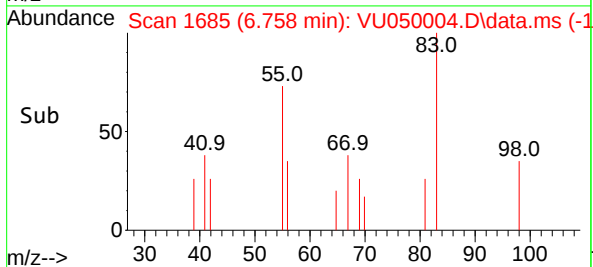
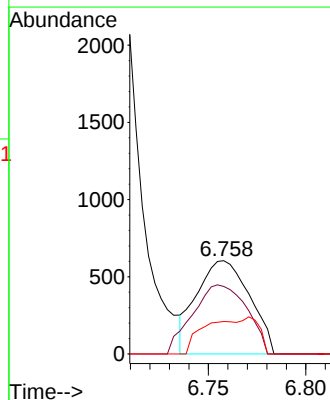
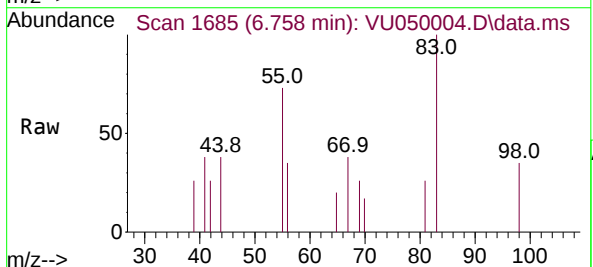
Instrument :
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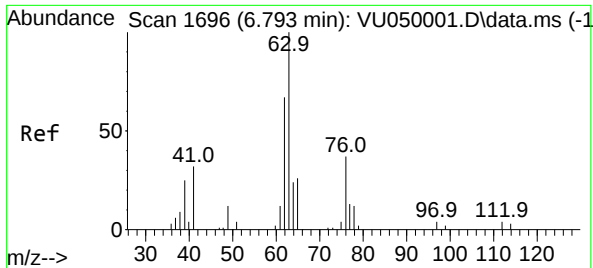
Tgt Ion: 78 Resp: 5392



#35
Methylcyclohexane
Concen: 0.165 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 83 Resp: 1144
Ion Ratio Lower Upper
83 100
55 75.6 61.6 92.4
98 39.2 34.8 52.2





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050004.D

Acq: 28 Jul 2022 23:21

Instrument :

MSVOA_U

ClientSampleId :

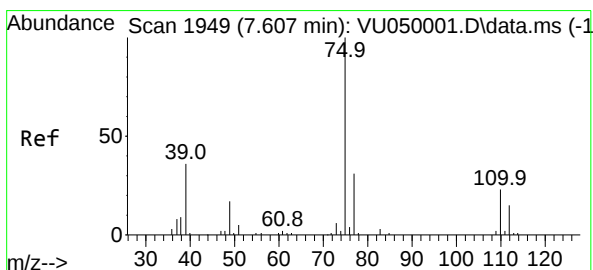
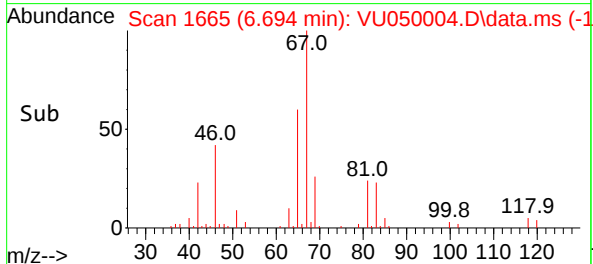
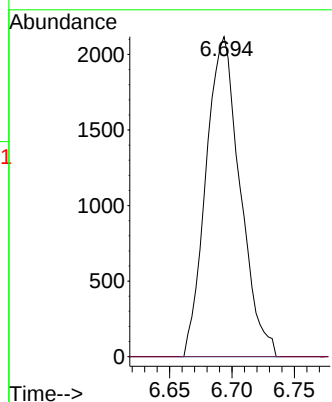
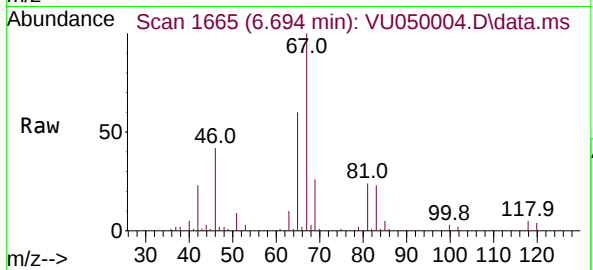
DBUH7DL

Tgt Ion: 63 Resp: 4033

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU050004.D

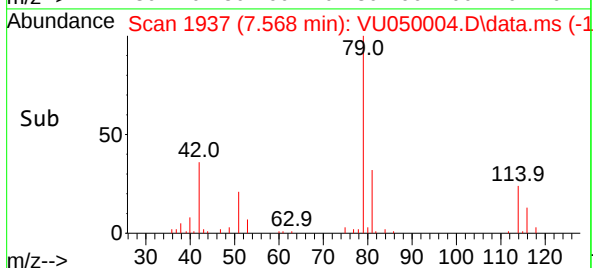
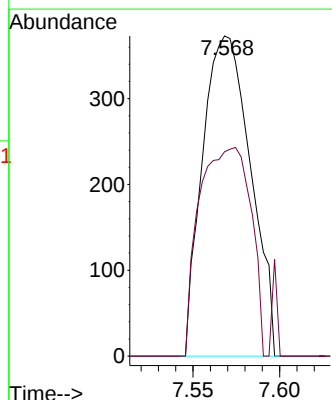
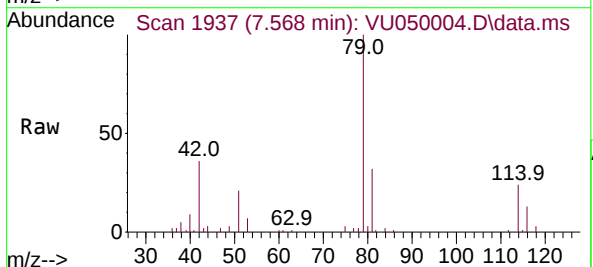
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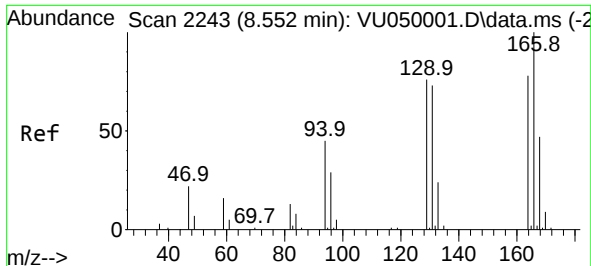
Tgt Ion: 75 Resp: 719

Ion Ratio Lower Upper

75 100

77 63.8 22.5 41.9#





#47

Tetrachloroethene

Concen: 5.948 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050004.D

Acq: 28 Jul 2022 23:21

Instrument :

MSVOA_U

ClientSampleId :

DBUH7DL

Tgt Ion:164 Resp: 22483

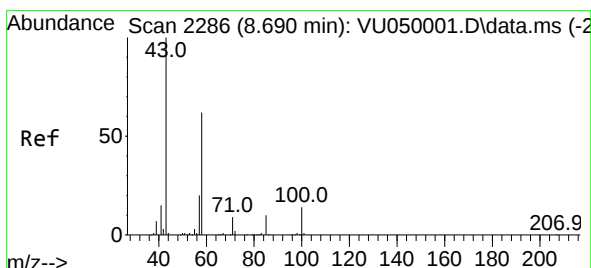
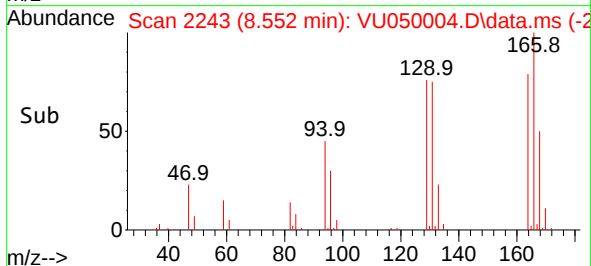
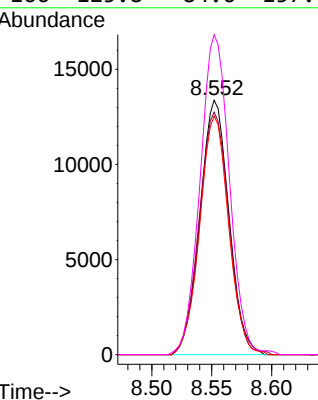
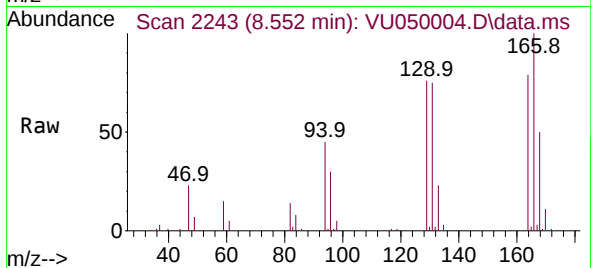
Ion Ratio Lower Upper

164 100

129 95.4 66.3 123.1

131 93.8 63.1 117.1

166 125.8 84.6 157.0



#48

2-Hexanone

Concen: 6.575 ug/L

RT: 8.694 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU050004.D

Acq: 28 Jul 2022 23:21

Tgt Ion: 43 Resp: 17242

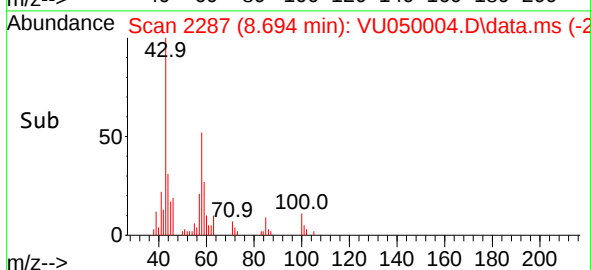
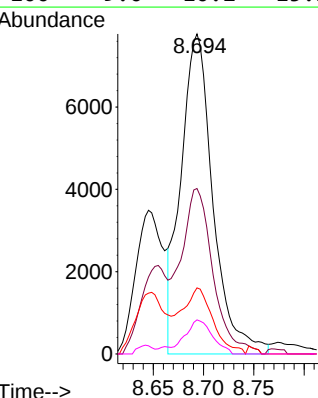
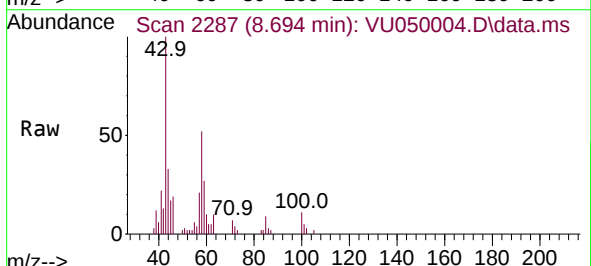
Ion Ratio Lower Upper

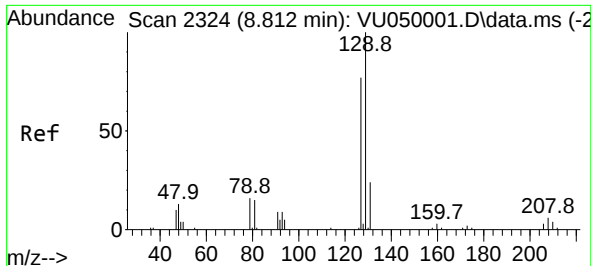
43 100

58 50.7 49.4 74.0

57 19.3 17.0 25.4

100 9.0 10.2 15.2#

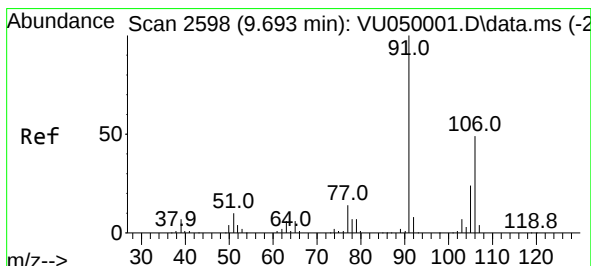
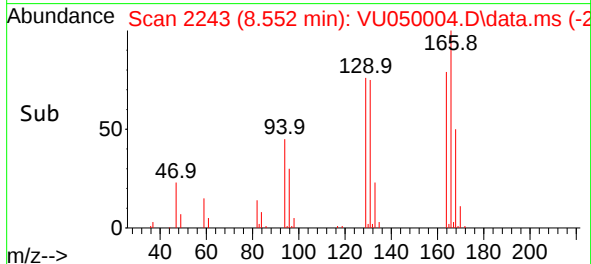
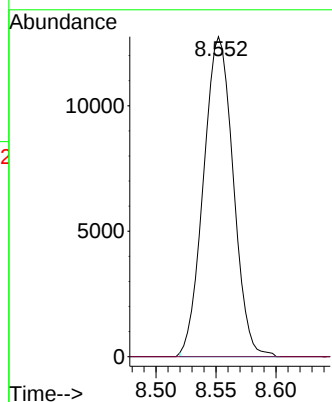
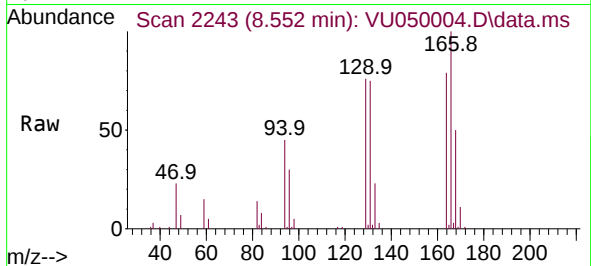




#49
Dibromochloromethane
Concen: 4.517 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

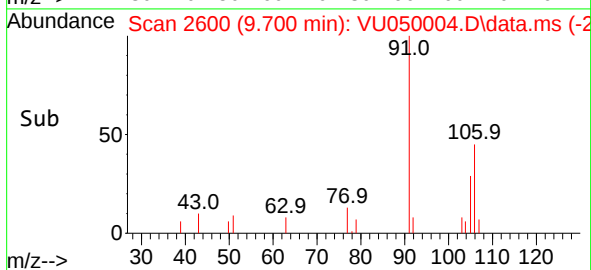
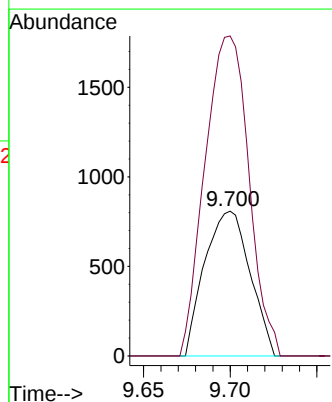
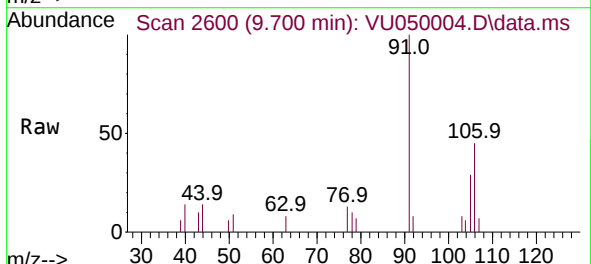
Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

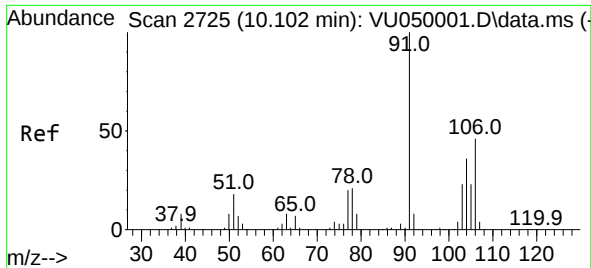
Tgt Ion:129 Resp: 21992
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.007 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion:106 Resp: 1469
Ion Ratio Lower Upper
106 100
91 221.2 142.4 264.4

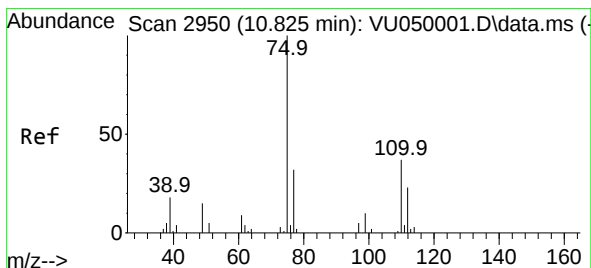
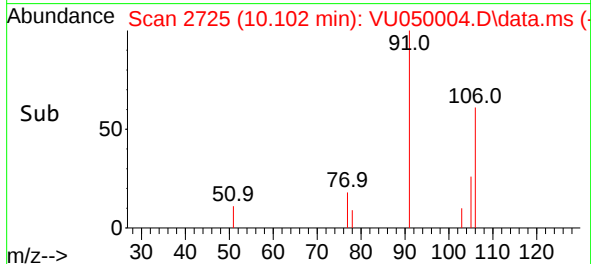
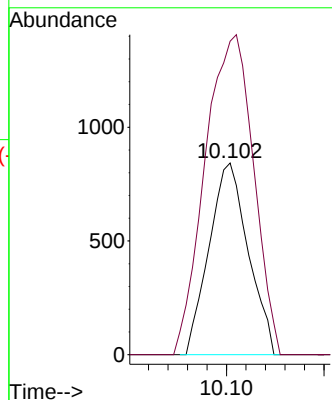
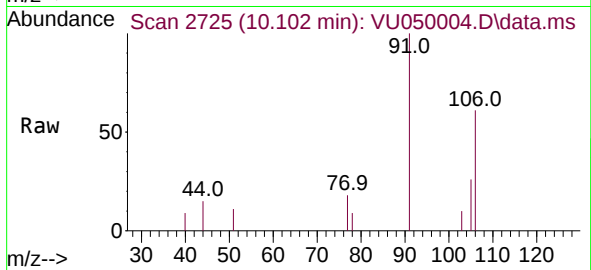




#54
o-Xylene
Concen: 0.148 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

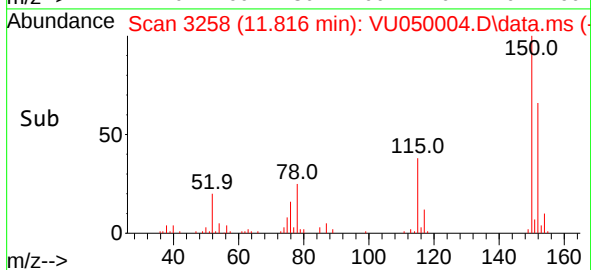
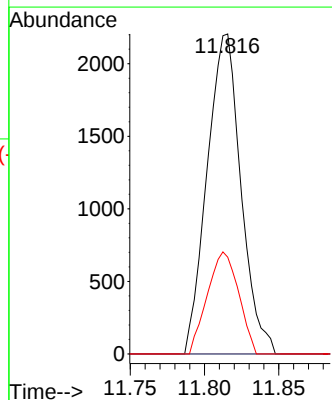
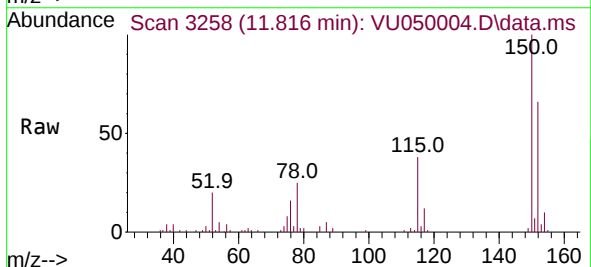
Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

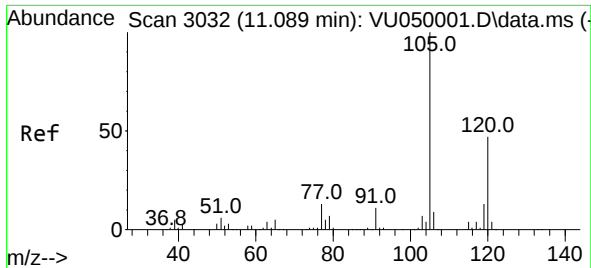
Tgt Ion:106 Resp: 1173
Ion Ratio Lower Upper
106 100
91 163.5 148.7 276.1



#61
1,2,3-Trichloropropane
Concen: 1.035 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 75 Resp: 3495
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 29.4 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 0.084 ug/L

RT: 11.086 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU050004.D

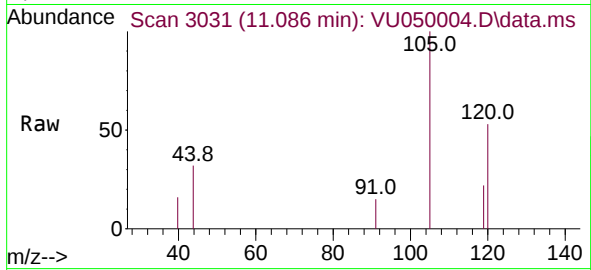
Acq: 28 Jul 2022 23:21

Instrument :

MSVOA_U

ClientSampleId :

DBUH7DL



Tgt Ion:105 Resp: 1173

Ion Ratio Lower Upper

105 100

120 50.0 38.2 57.4

