

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050005.D
 Acq On : 28 Jul 2022 23:46
 Operator : SY/MD
 Sample : N3879-15DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH9DL

Quant Time: Jul 29 06:40:06 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)

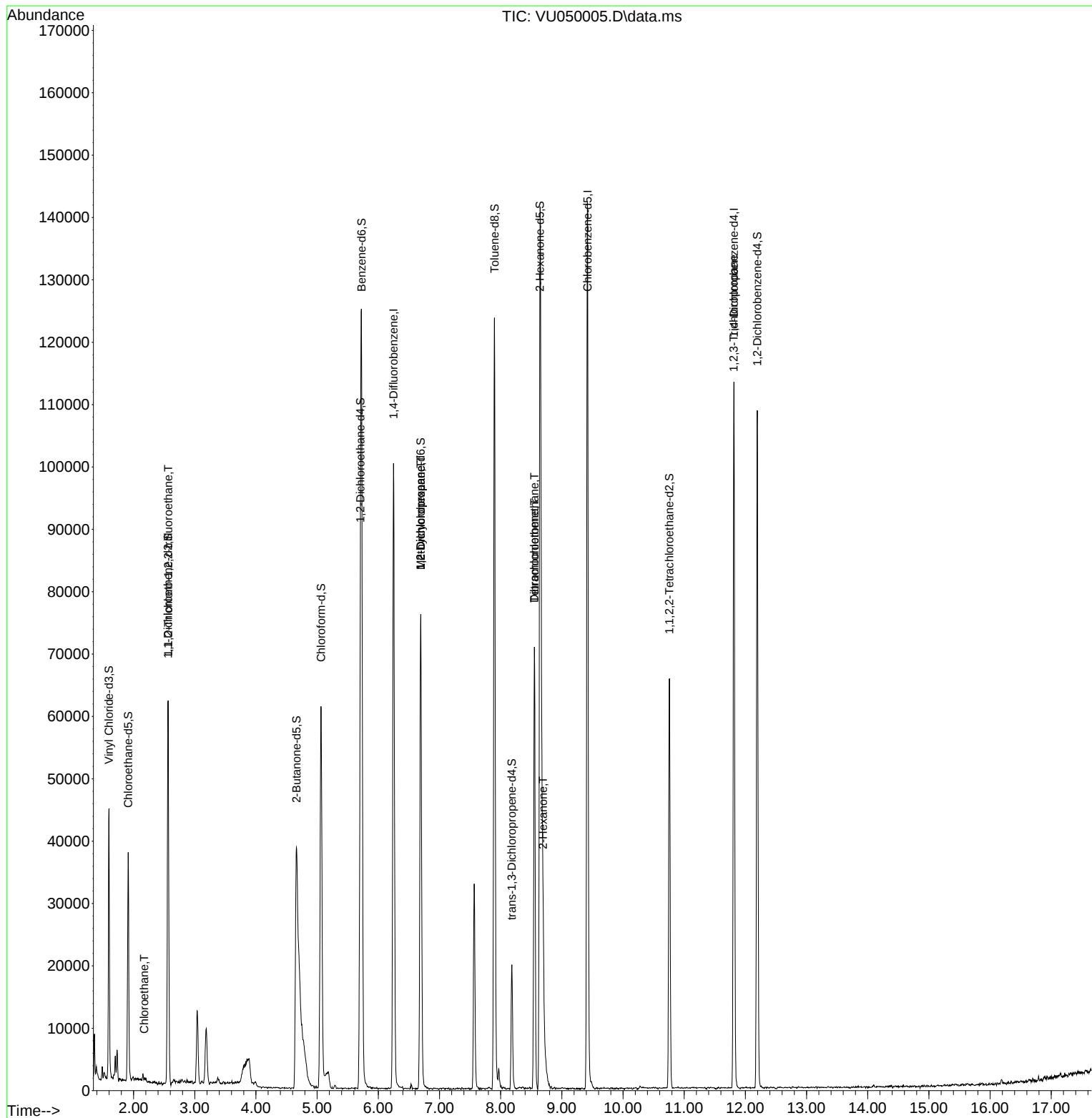
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82528	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	83300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30633	4.323	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.912	69	25977	5.104	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.562	65	11373	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.662	46	76730	48.645	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.280%	
24) Chloroform-d	5.063	84	57781	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.707	65	31114	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.726	84	113205	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.694	67	39238	4.866	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.899	98	87625	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.182	79	12466	4.411	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.642	63	48619	45.954	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35259	5.204	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29390	5.010	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						Qvalue
8) Chloroethane	2.173	64	837	0.208	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	295	0.060	ug/L #	21
35) Methylcyclohexane	6.694	83	8682	1.114	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3996	0.596	ug/L #	88
47) Tetrachloroethene	8.552	164	15940	3.748	ug/L	93
48) 2-Hexanone	8.694	43	14870	5.039	ug/L #	91
49) Dibromochloromethane	8.552	129	15611	2.850	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	3923	1.068	ug/L #	67

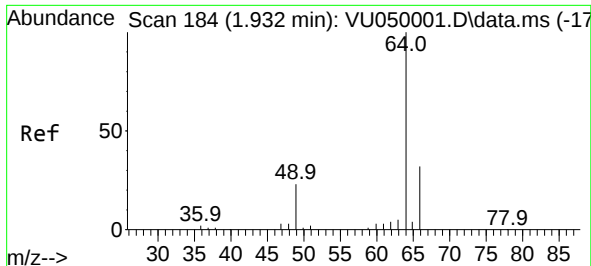
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.208 ug/L

RT: 2.173 min Scan# 21

Delta R.T. 0.241 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

Instrument :

MSVOA_U

ClientSampleId :

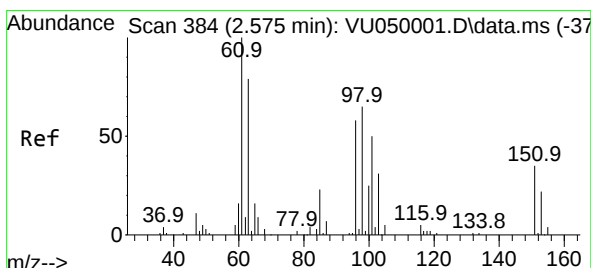
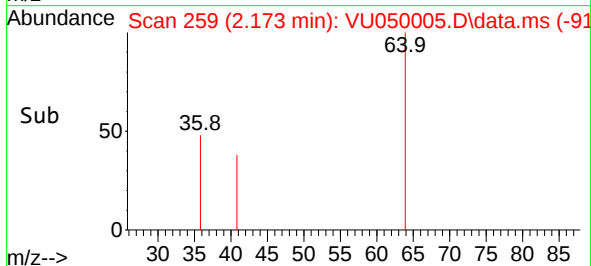
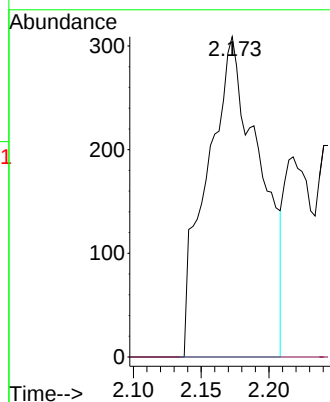
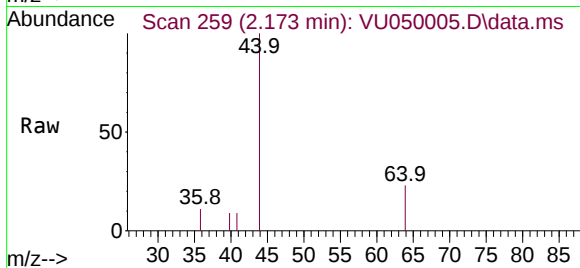
DBUH9DL

Tgt Ion: 64 Resp: 837

Ion Ratio Lower Upper

64 100

66 0.0 21.4 39.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.060 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.009 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

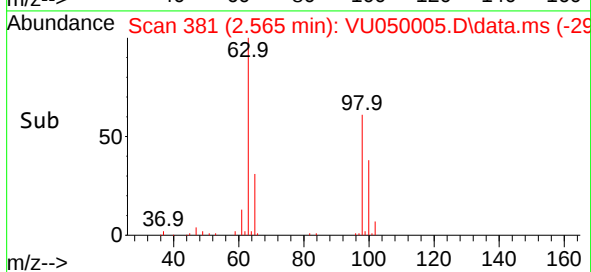
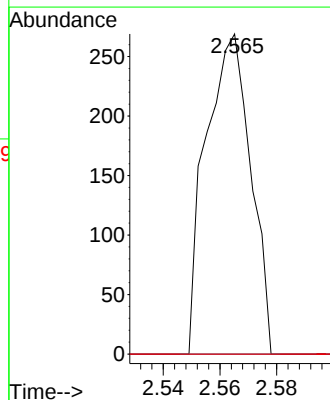
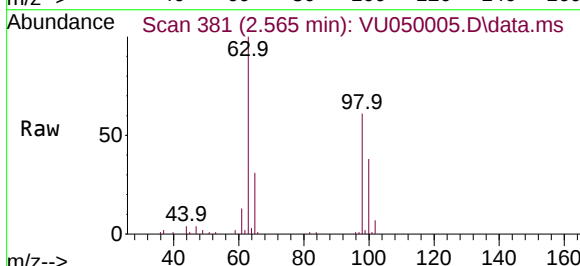
Tgt Ion: 101 Resp: 295

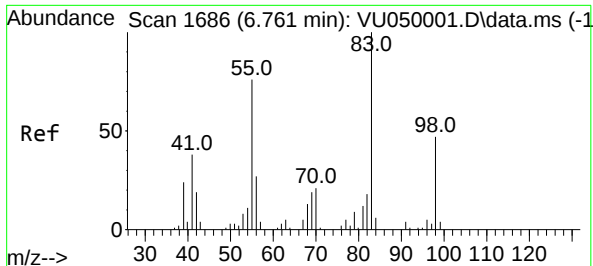
Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 56.6 85.0#





#35

Methylcyclohexane

Concen: 1.114 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.067 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

Instrument :

MSVOA_U

ClientSampleId :

DBUH9DL

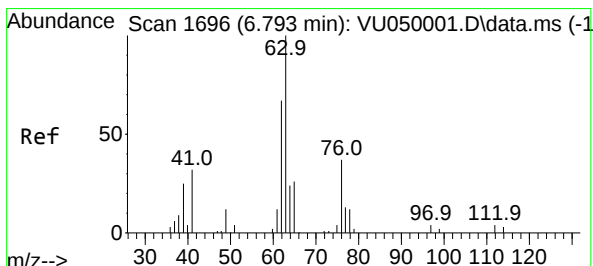
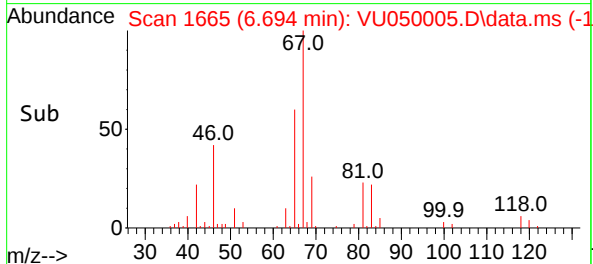
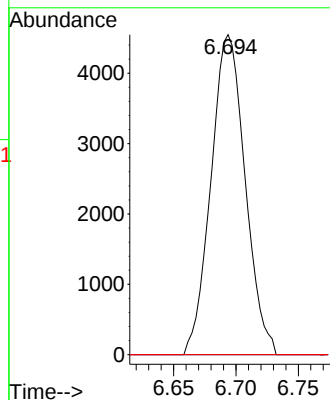
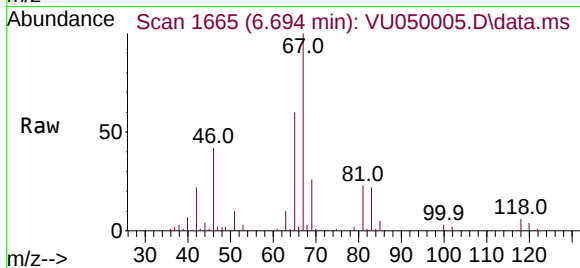
Tgt Ion: 83 Resp: 8682

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.099 min

Lab File: VU050005.D

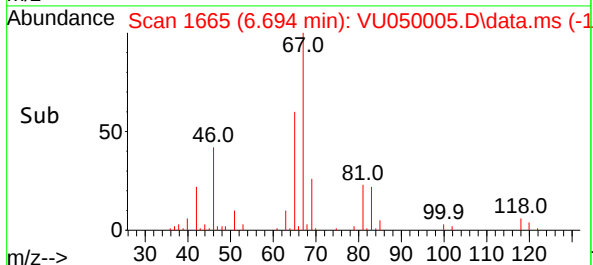
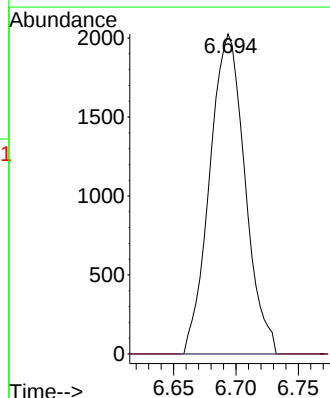
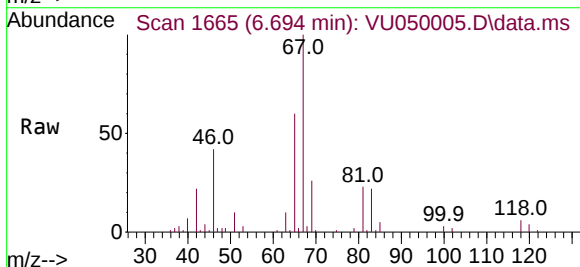
Acq: 28 Jul 2022 23:46

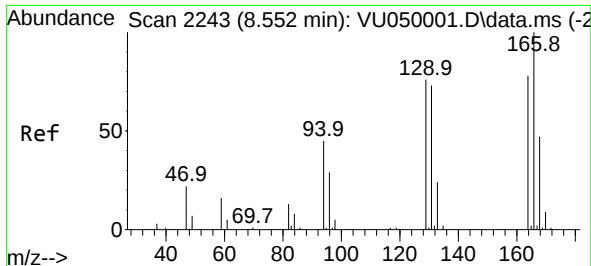
Tgt Ion: 63 Resp: 3996

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#47

Tetrachloroethene

Concen: 3.748 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

Instrument :

MSVOA_U

ClientSampleId :

DBUH9DL

Tgt Ion:164 Resp: 15940

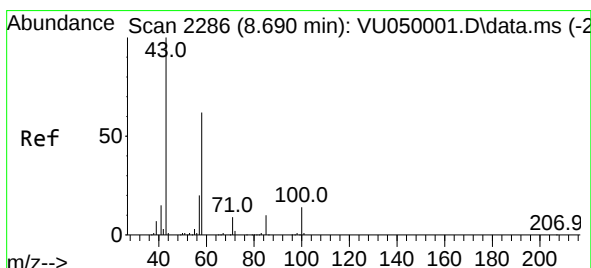
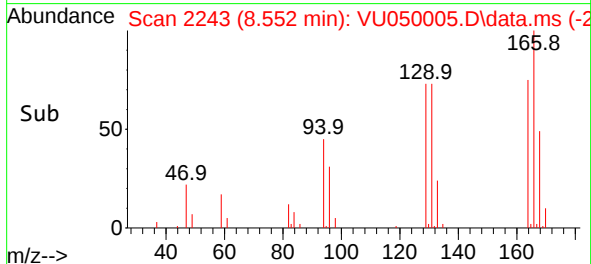
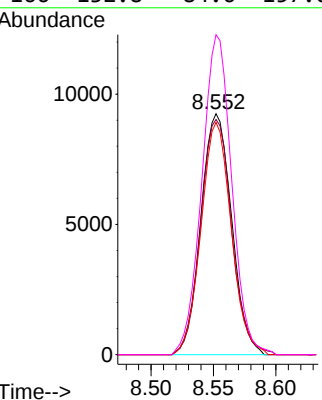
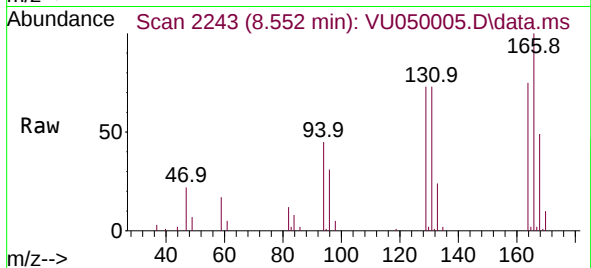
Ion Ratio Lower Upper

164 100

129 97.6 66.3 123.1

131 96.4 63.1 117.1

166 132.8 84.6 157.0



#48

2-Hexanone

Concen: 5.039 ug/L

RT: 8.694 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

Tgt Ion: 43 Resp: 14870

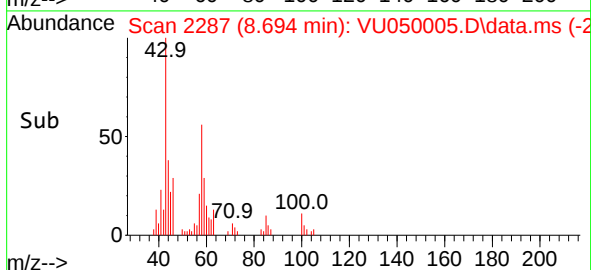
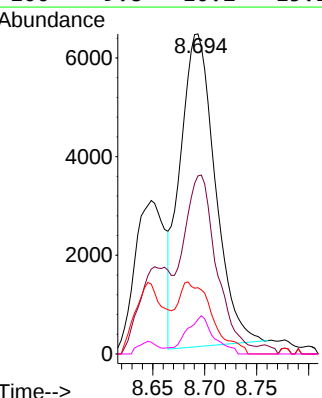
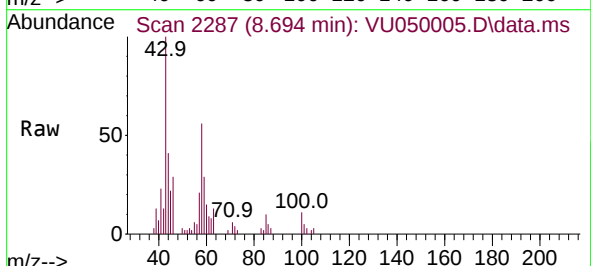
Ion Ratio Lower Upper

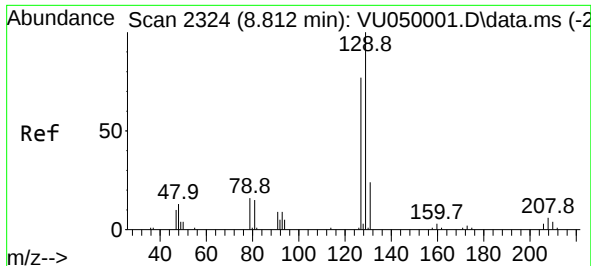
43 100

58 53.4 49.4 74.0

57 22.8 17.0 25.4

100 9.8 10.2 15.2#





#49

Dibromochloromethane

Concen: 2.850 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

Instrument :

MSVOA_U

ClientSampleId :

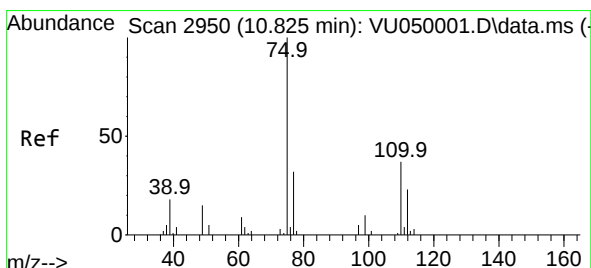
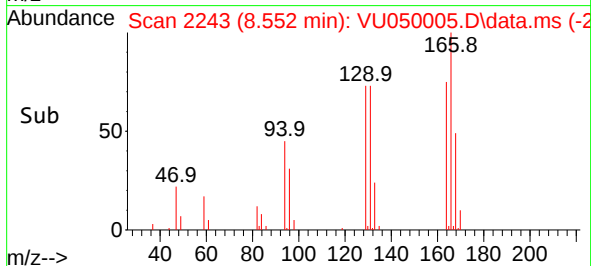
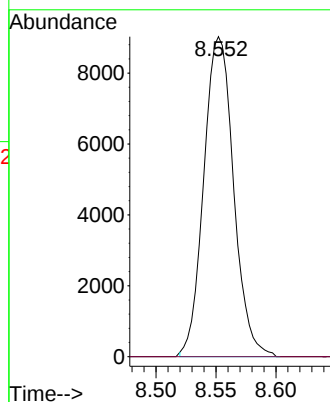
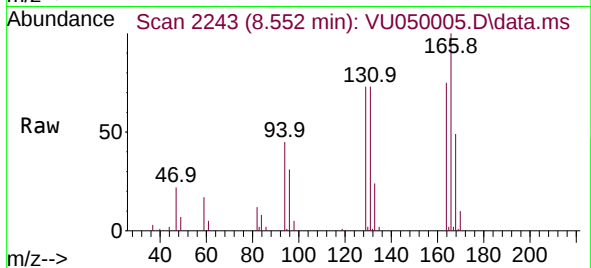
DBUH9DL

Tgt Ion:129 Resp: 15611

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.068 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU050005.D

Acq: 28 Jul 2022 23:46

Tgt Ion: 75 Resp: 3923

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.1 24.7 37.1

