

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050008.D
 Acq On : 29 Jul 2022 00:59
 Operator : SY/MD
 Sample : N3879-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH2

Quant Time: Jul 29 06:40:46 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

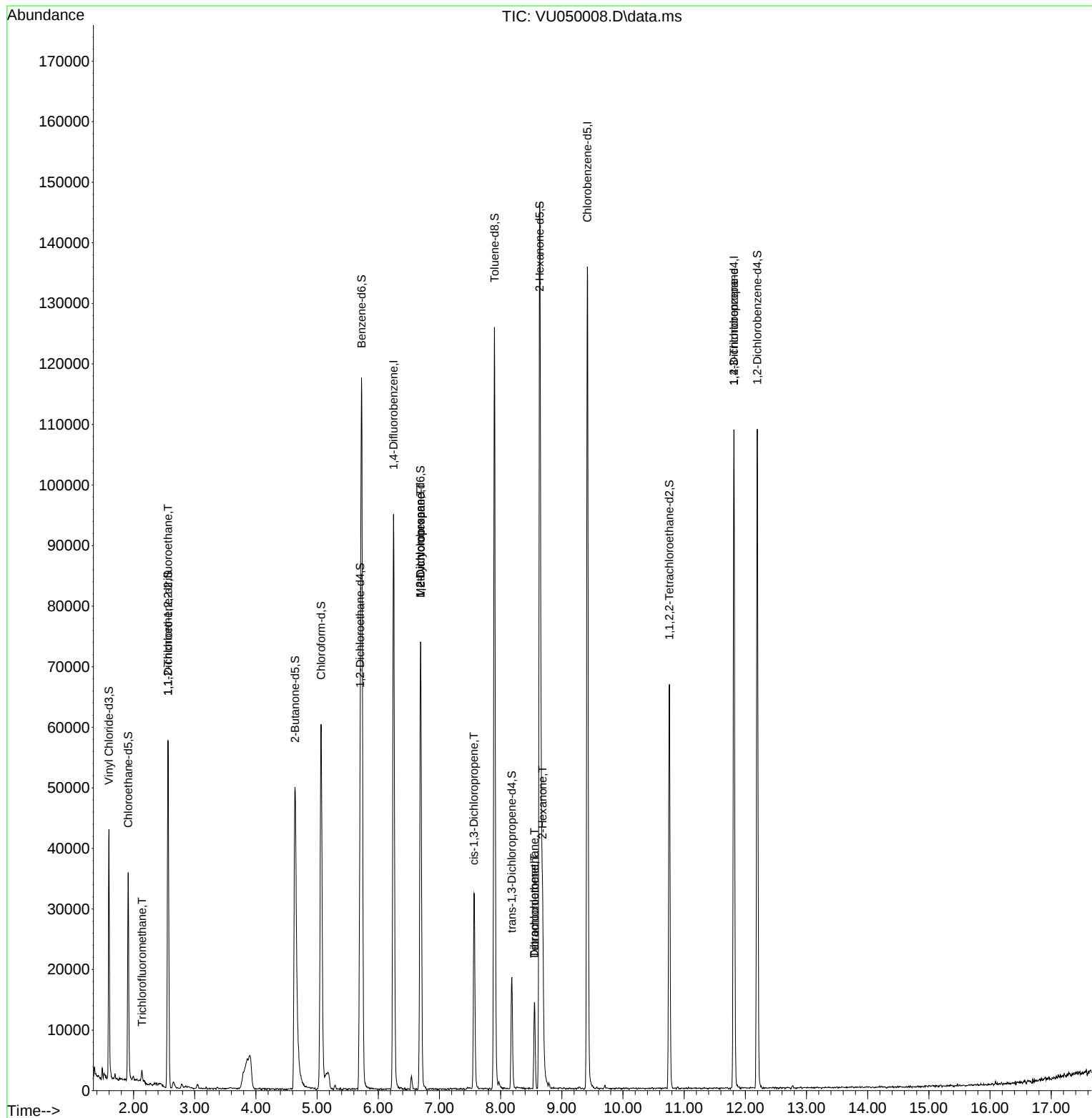
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	30088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	29417	4.319	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.913	69	24896	5.089	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.562	65	10696	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.639	46	85598	56.461	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.920%	
24) Chloroform-d	5.064	84	57449	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.703	65	30299	5.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.729	84	111324	4.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.691	67	38354	4.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.900	98	88294	4.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	8.182	79	11765	4.363	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.636	63	46247	45.816	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34509	5.338	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30095	5.393	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
9) Trichlorofluoromethane	2.138	101	1116	0.139	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	261	0.055	ug/L #	21
35) Methylcyclohexane	6.691	83	8716	1.172	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	3746	0.586	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	783	0.095	ug/L #	47
47) Tetrachloroethene	8.552	164	3294	0.812	ug/L	94
48) 2-Hexanone	8.684	43	16217	5.760	ug/L #	90
49) Dibromochloromethane	8.552	129	3218	0.616	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	3607	1.032	ug/L #	67

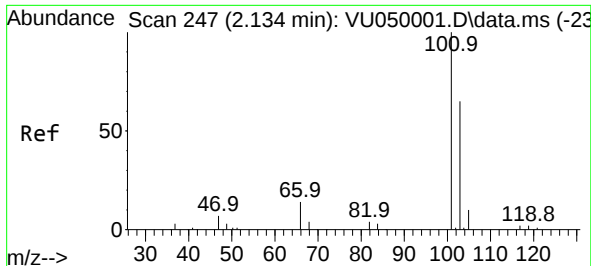
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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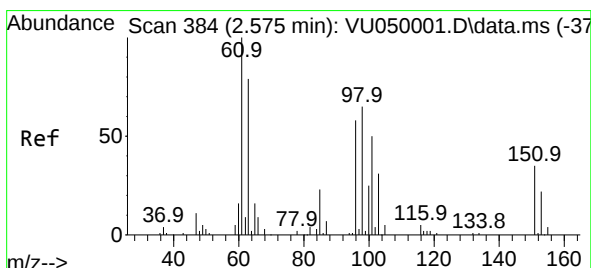
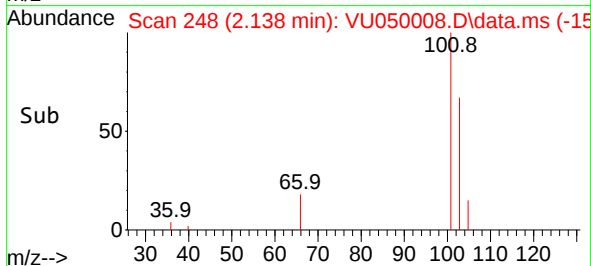
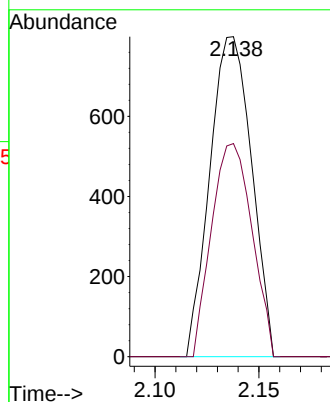
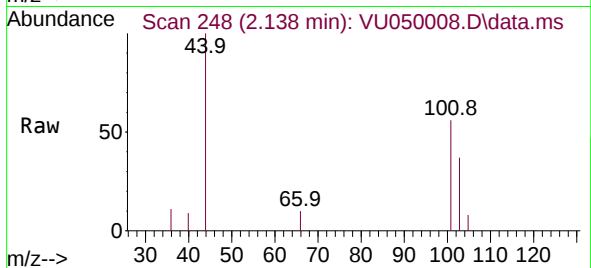




#9
Trichlorofluoromethane
Concen: 0.139 ug/L
RT: 2.138 min Scan# 247
Delta R.T. 0.004 min
Lab File: VU050008.D
Acq: 29 Jul 2022 00:59

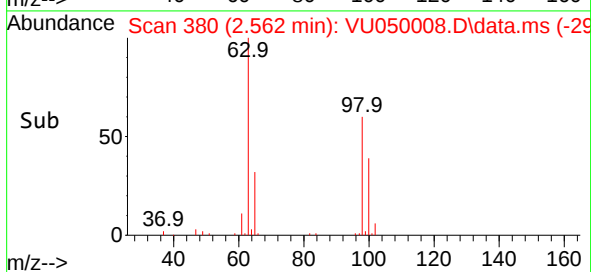
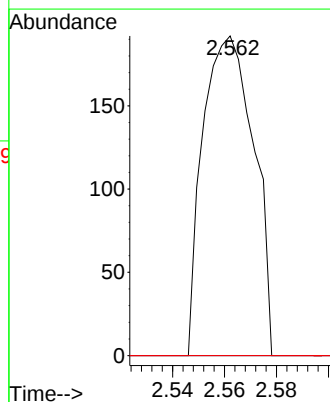
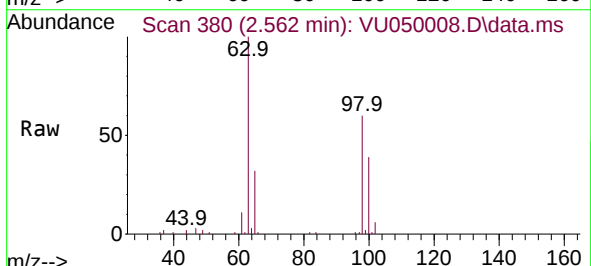
Instrument :
MSVOA_U
ClientSampleId :
DBUH2

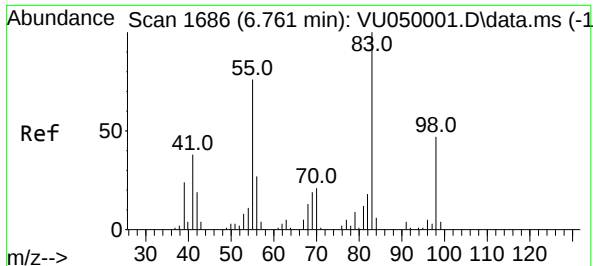
Tgt Ion:101 Resp: 1116
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.012 min
Lab File: VU050008.D
Acq: 29 Jul 2022 00:59

Tgt Ion:101 Resp: 261
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#35

Methylcyclohexane

Concen: 1.172 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.070 min

Lab File: VU050008.D

Acq: 29 Jul 2022 00:59

Instrument :

MSVOA_U

ClientSampleId :

DBUH2

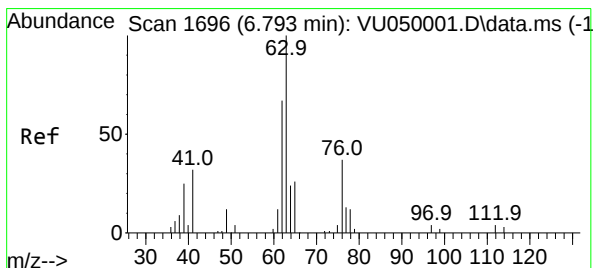
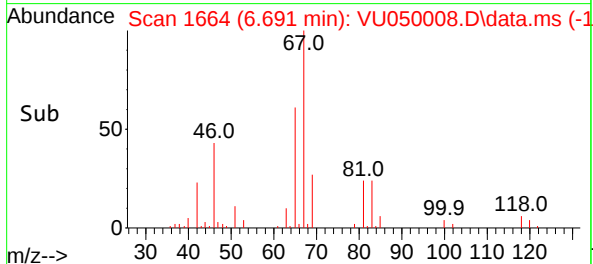
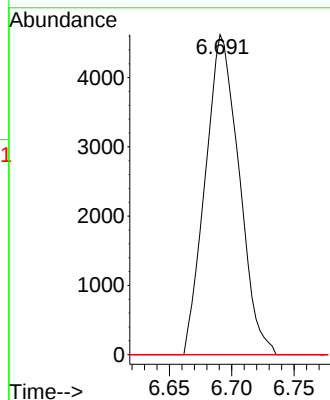
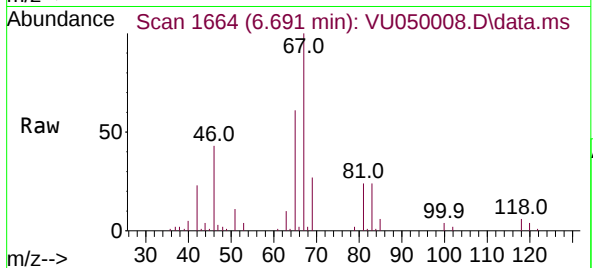
Tgt Ion: 83 Resp: 8716

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: 0.586 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050008.D

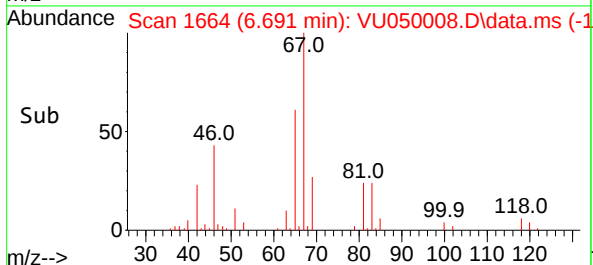
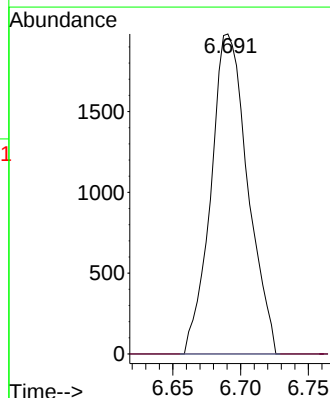
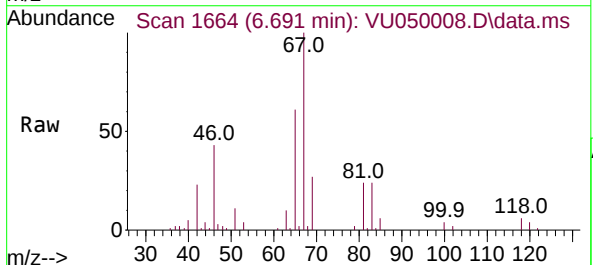
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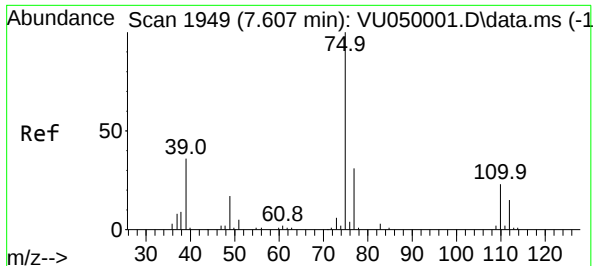
Tgt Ion: 63 Resp: 3746

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050008.D

Acq: 29 Jul 2022 00:59

Instrument :

MSVOA_U

ClientSampleId :

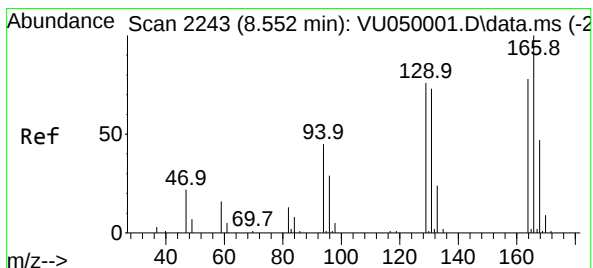
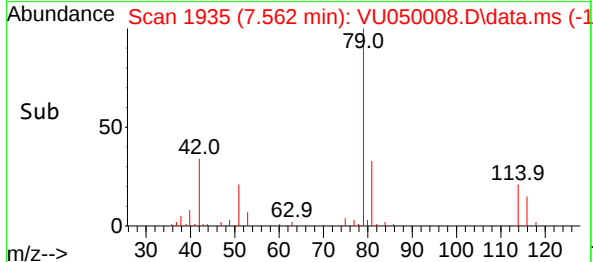
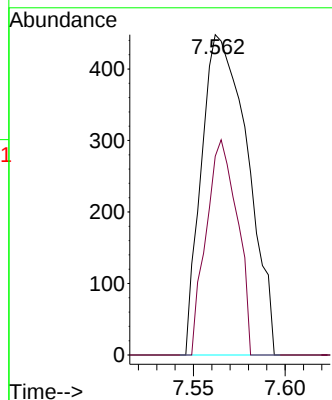
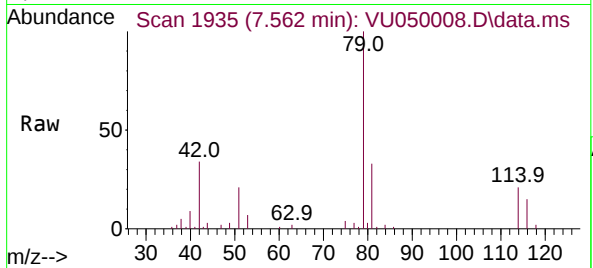
DBUH2

Tgt Ion: 75 Resp: 783

Ion Ratio Lower Upper

75 100

77 62.1 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.812 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050008.D

Acq: 29 Jul 2022 00:59

Tgt Ion:164 Resp: 3294

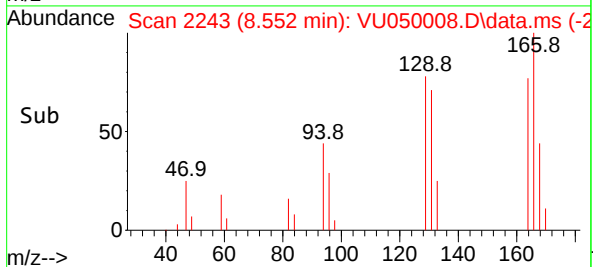
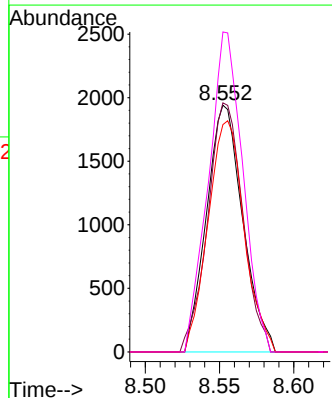
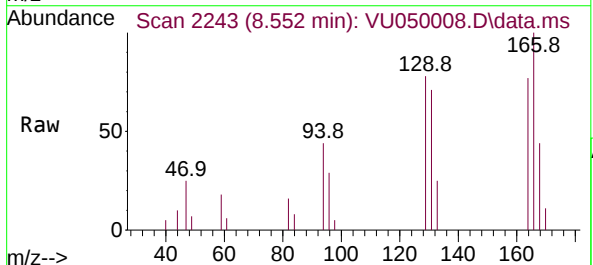
Ion Ratio Lower Upper

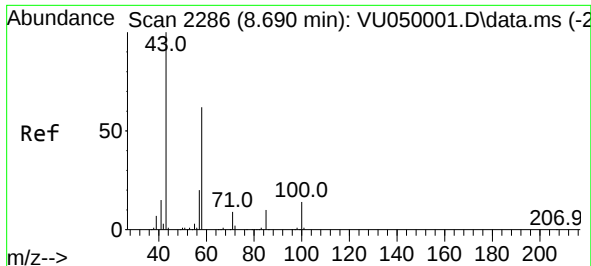
164 100

129 100.9 66.3 123.1

131 92.1 63.1 117.1

166 129.7 84.6 157.0

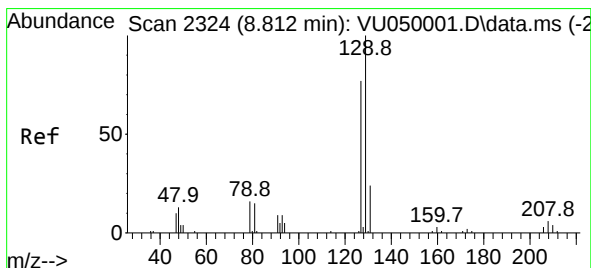
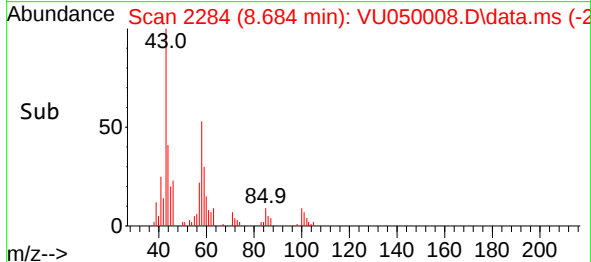
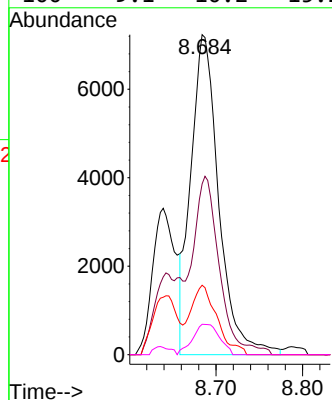
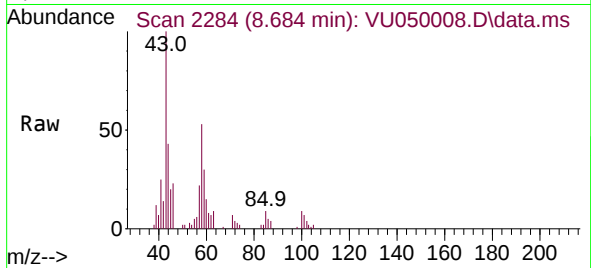




#48
2-Hexanone
Concen: 5.760 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU050008.D
Acq: 29 Jul 2022 00:59

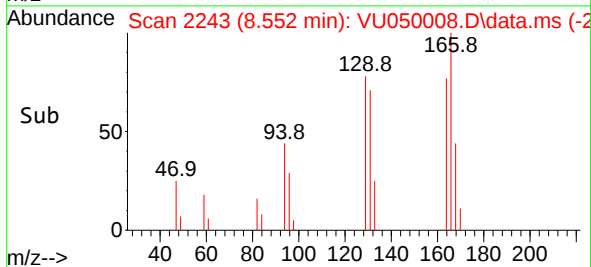
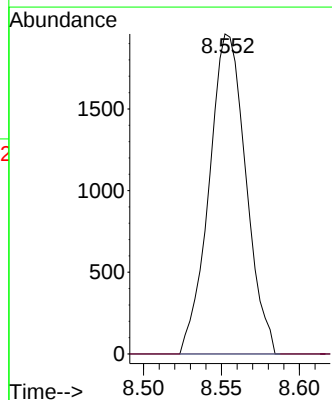
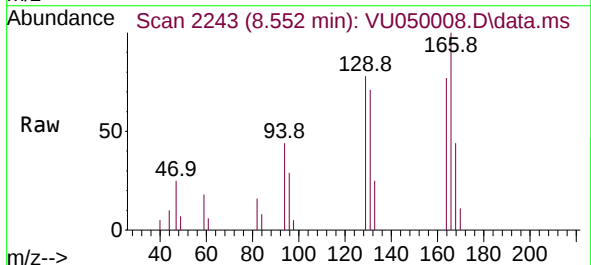
Instrument :
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ClientSampleId :
DBUH2

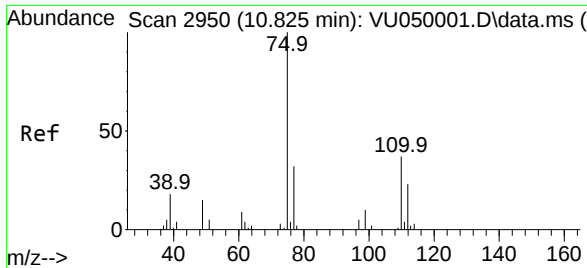
Tgt Ion: 43 Resp: 16217
Ion Ratio Lower Upper
43 100
58 51.5 49.4 74.0
57 20.5 17.0 25.4
100 9.1 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.616 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU050008.D
Acq: 29 Jul 2022 00:59

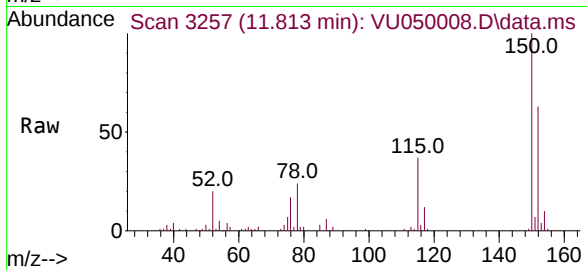
Tgt Ion: 129 Resp: 3218
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61
1,2,3-Trichloropropane
Concen: 1.032 ug/L
RT: 11.813 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU050008.D
Acq: 29 Jul 2022 00:59

Instrument :
MSVOA_U
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.1	42.1#
77	31.9	24.7	37.1

