

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049931.D
 Acq On : 26 Jul 2022 23:44
 Operator : SY/MD
 Sample : N3879-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH3

Quant Time: Jul 27 05:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

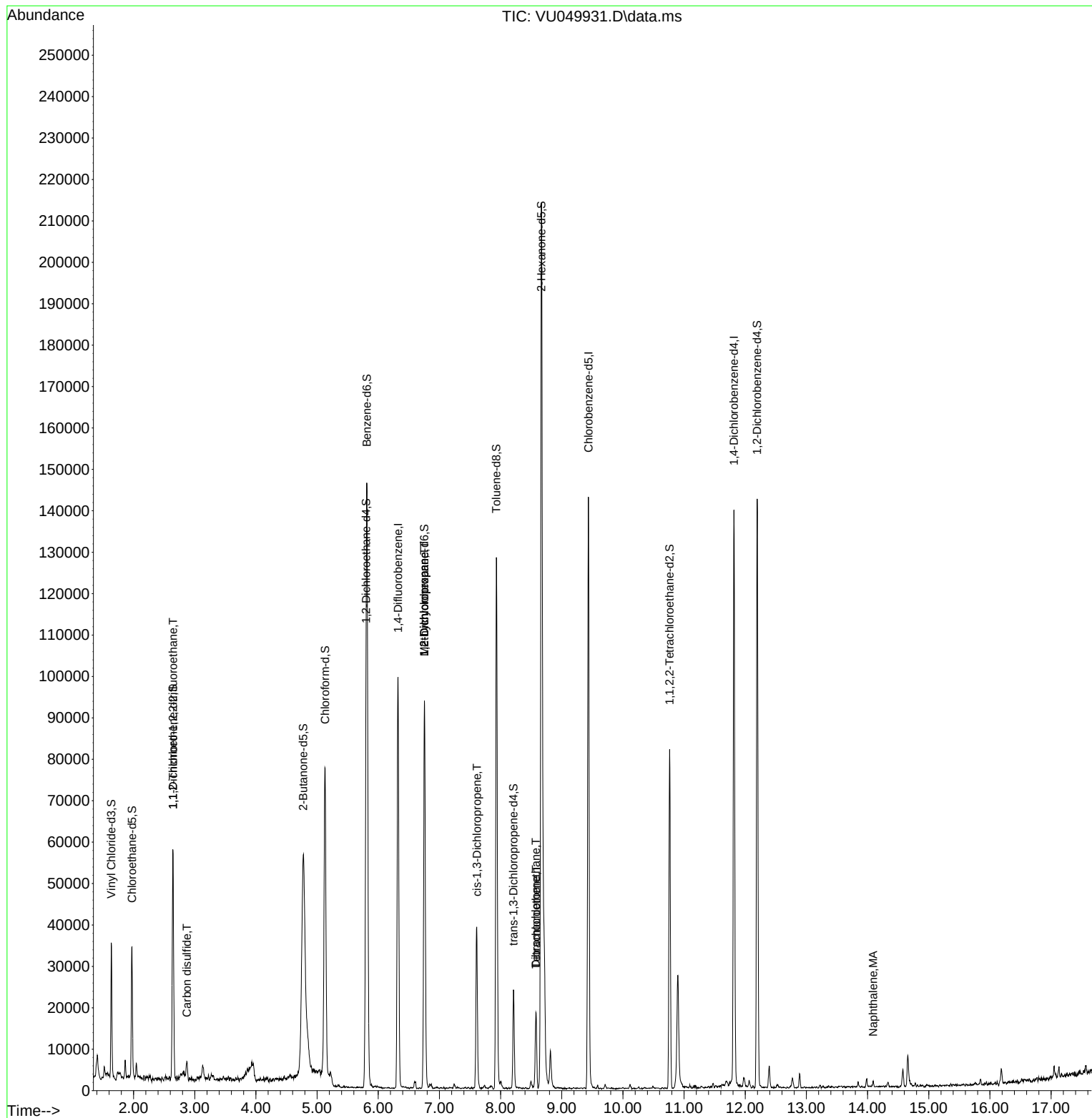
Internal Standards						
1) 1,4-Difluorobenzene	6.324	114	73875	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.436	117	73117	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	33736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.636	65	23295	3.895	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.974	69	22673	4.530	ug/L	0.06
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.646	65	10791	4.042	ug/L	0.08
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.774	46	125277	58.216	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.440%
24) Chloroform-d	5.131	84	65307	4.903	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.800	65	40091	5.133	ug/L	0.10
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.816	84	110728	4.444	ug/L	0.09
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.755	67	42070	4.887	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.931	98	83423	3.831	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.211	79	12735	4.075	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.668	63	61881	49.971	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	39919	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	35165	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.646	101	197	0.041	ug/L #	21
14) Carbon disulfide	2.871	76	4698	0.311	ug/L	95
35) Methylcyclohexane	6.755	83	9713	1.224	ug/L #	15
37) 1,2-Dichloropropane	6.755	63	4684	0.619	ug/L #	89
39) cis-1,3-Dichloropropene	7.613	75	1108	0.111	ug/L #	50
47) Tetrachloroethene	8.581	164	3911	0.883	ug/L	95
49) Dibromochloromethane	8.578	129	3845	0.637	ug/L #	14
71) Naphthalene	14.092	128	1501	0.113	ug/L #	78

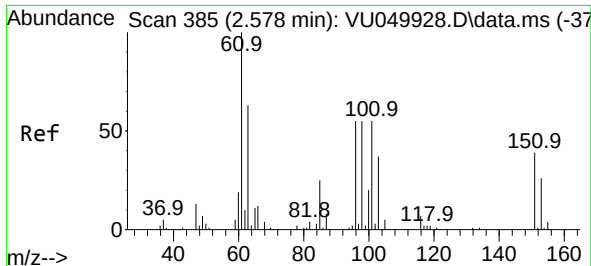
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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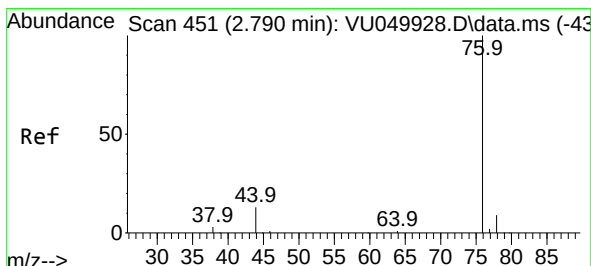
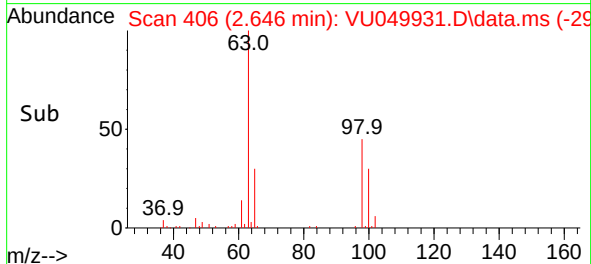
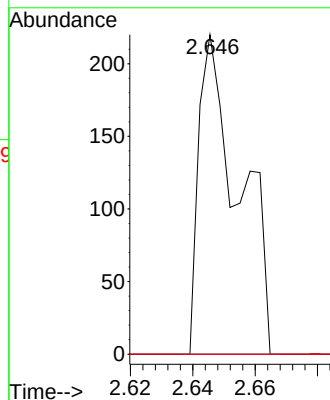
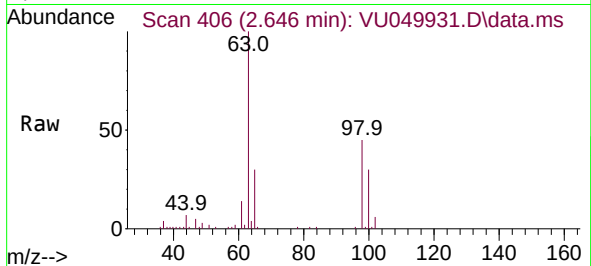




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.041 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.067 min
Lab File: VU049931.D
Acq: 26 Jul 2022 23:44

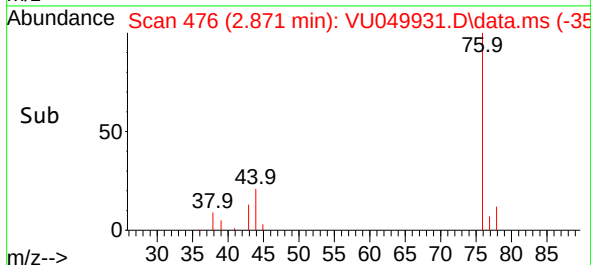
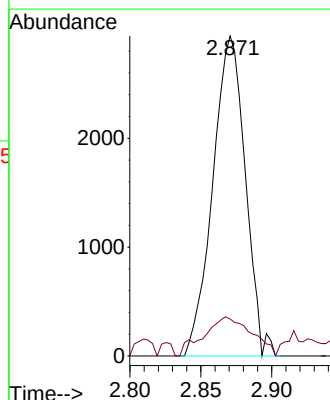
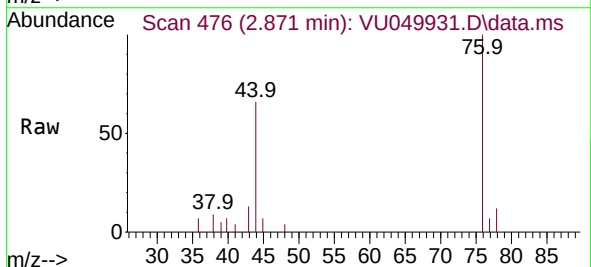
Instrument :
MSVOA_U
ClientSampleId :
DBUH3

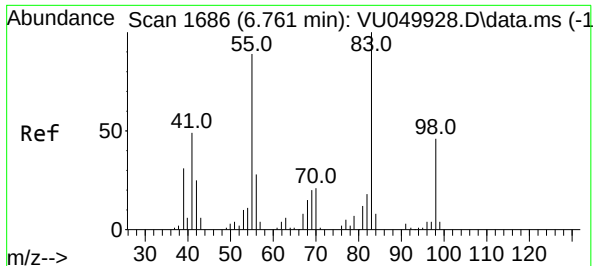
Tgt Ion:101 Resp: 197
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 56.0 84.0#



#14
Carbon disulfide
Concen: 0.311 ug/L
RT: 2.871 min Scan# 476
Delta R.T. 0.080 min
Lab File: VU049931.D
Acq: 26 Jul 2022 23:44

Tgt Ion: 76 Resp: 4698
Ion Ratio Lower Upper
76 100
78 11.6 7.8 11.6

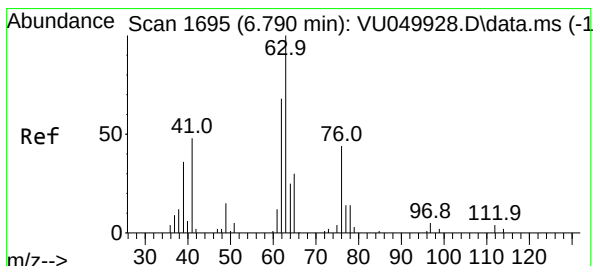
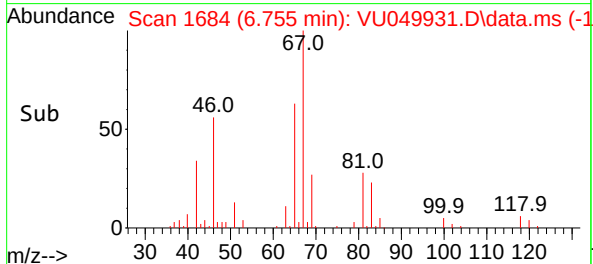
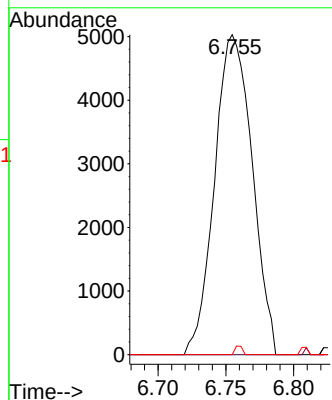
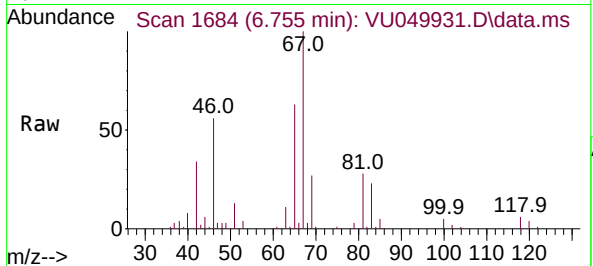




#35
Methylcyclohexane
Concen: 1.224 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.007 min
Lab File: VU049931.D
Acq: 26 Jul 2022 23:44

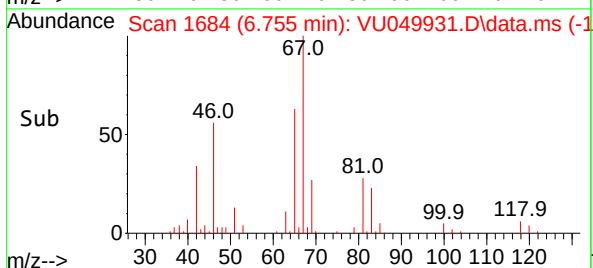
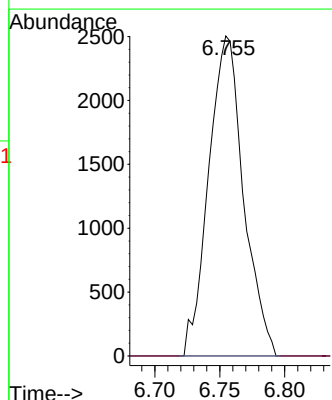
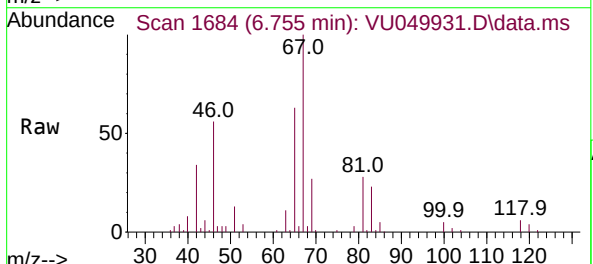
Instrument :
MSVOA_U
ClientSampleId :
DBUH3

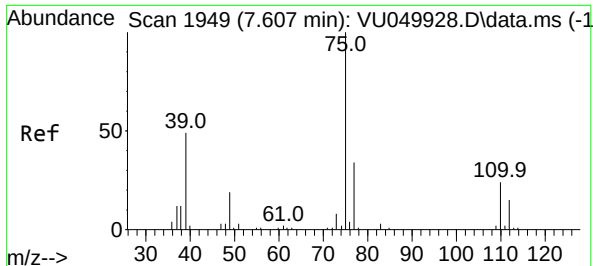
Tgt Ion: 83 Resp: 9713
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.5 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.036 min
Lab File: VU049931.D
Acq: 26 Jul 2022 23:44

Tgt Ion: 63 Resp: 4684
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.613 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU049931.D

Acq: 26 Jul 2022 23:44

Instrument :

MSVOA_U

ClientSampleId :

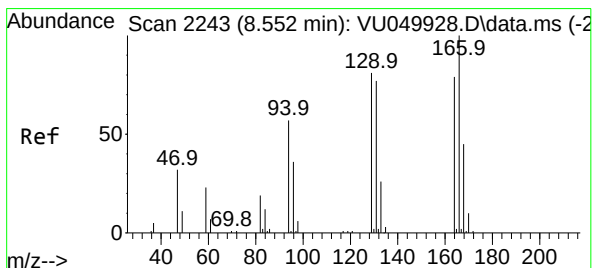
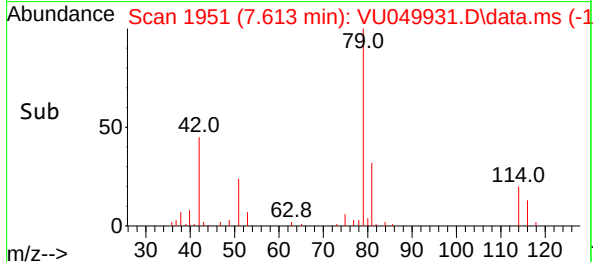
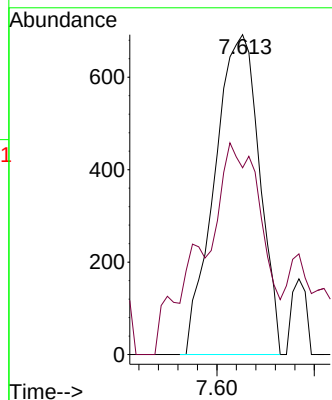
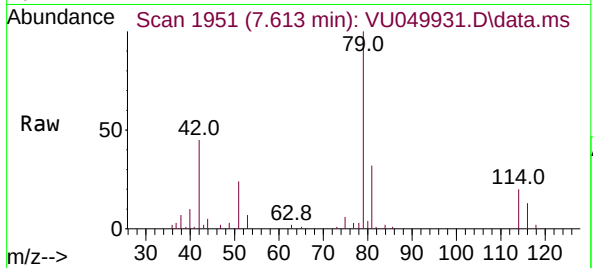
DBUH3

Tgt Ion: 75 Resp: 1108

Ion Ratio Lower Upper

75 100

77 58.4 21.6 40.0#



#47

Tetrachloroethene

Concen: 0.883 ug/L

RT: 8.581 min Scan# 2252

Delta R.T. 0.029 min

Lab File: VU049931.D

Acq: 26 Jul 2022 23:44

Tgt Ion:164 Resp: 3911

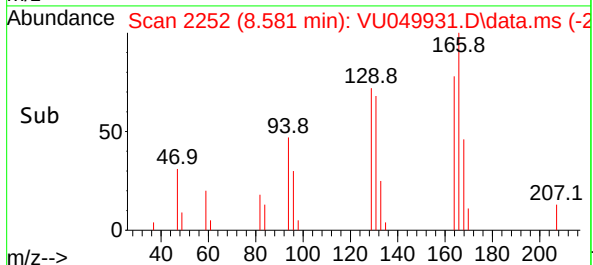
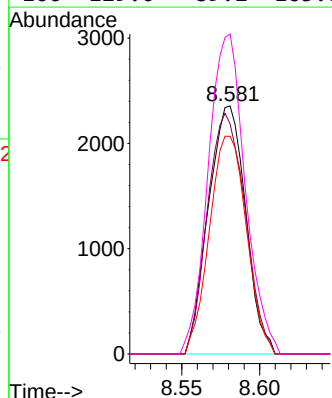
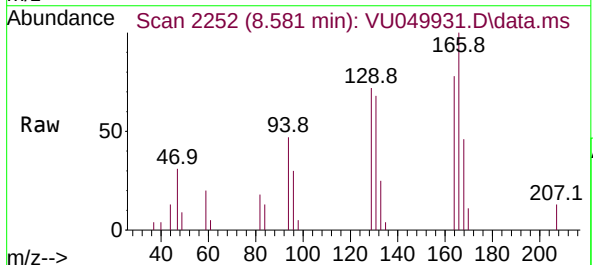
Ion Ratio Lower Upper

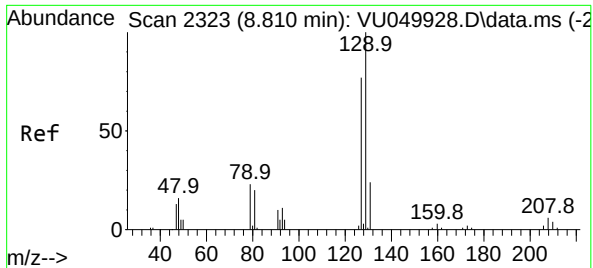
164 100

129 92.8 68.9 127.9

131 87.8 67.5 125.4

166 129.0 89.2 165.8

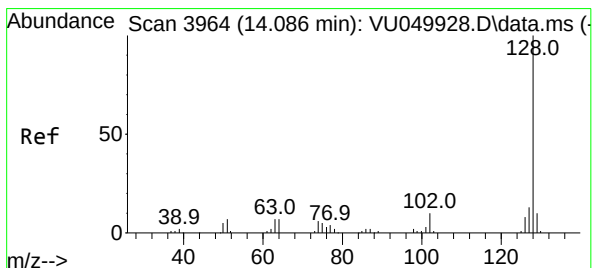
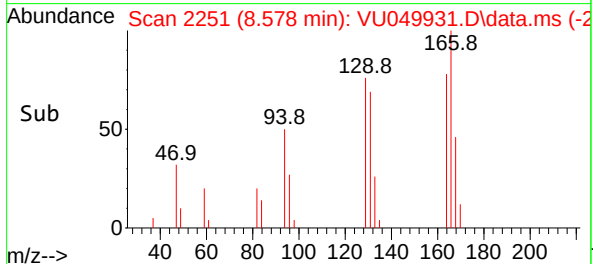
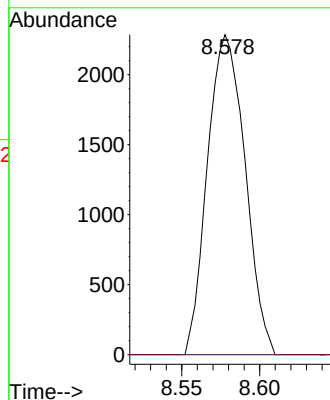
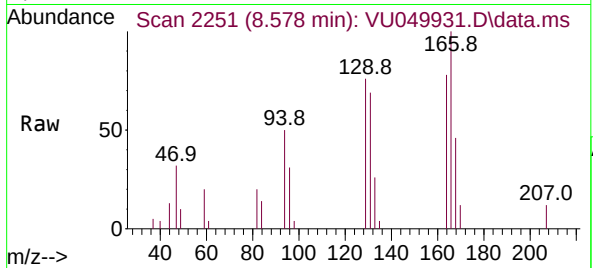




#49
Dibromochloromethane
Concen: 0.637 ug/L
RT: 8.578 min Scan# 21
Delta R.T. -0.232 min
Lab File: VU049931.D
Acq: 26 Jul 2022 23:44

Instrument :
MSVOA_U
ClientSampleId :
DBUH3

Tgt Ion:129 Resp: 3845
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#



#71
Naphthalene
Concen: 0.113 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049931.D
Acq: 26 Jul 2022 23:44

Tgt Ion:128 Resp: 1501
Ion Ratio Lower Upper
128 100
129 0.0 8.2 12.4#
127 6.9 11.1 16.7#

