

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047054.D
 Acq On : 04 Feb 2022 18:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:35:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

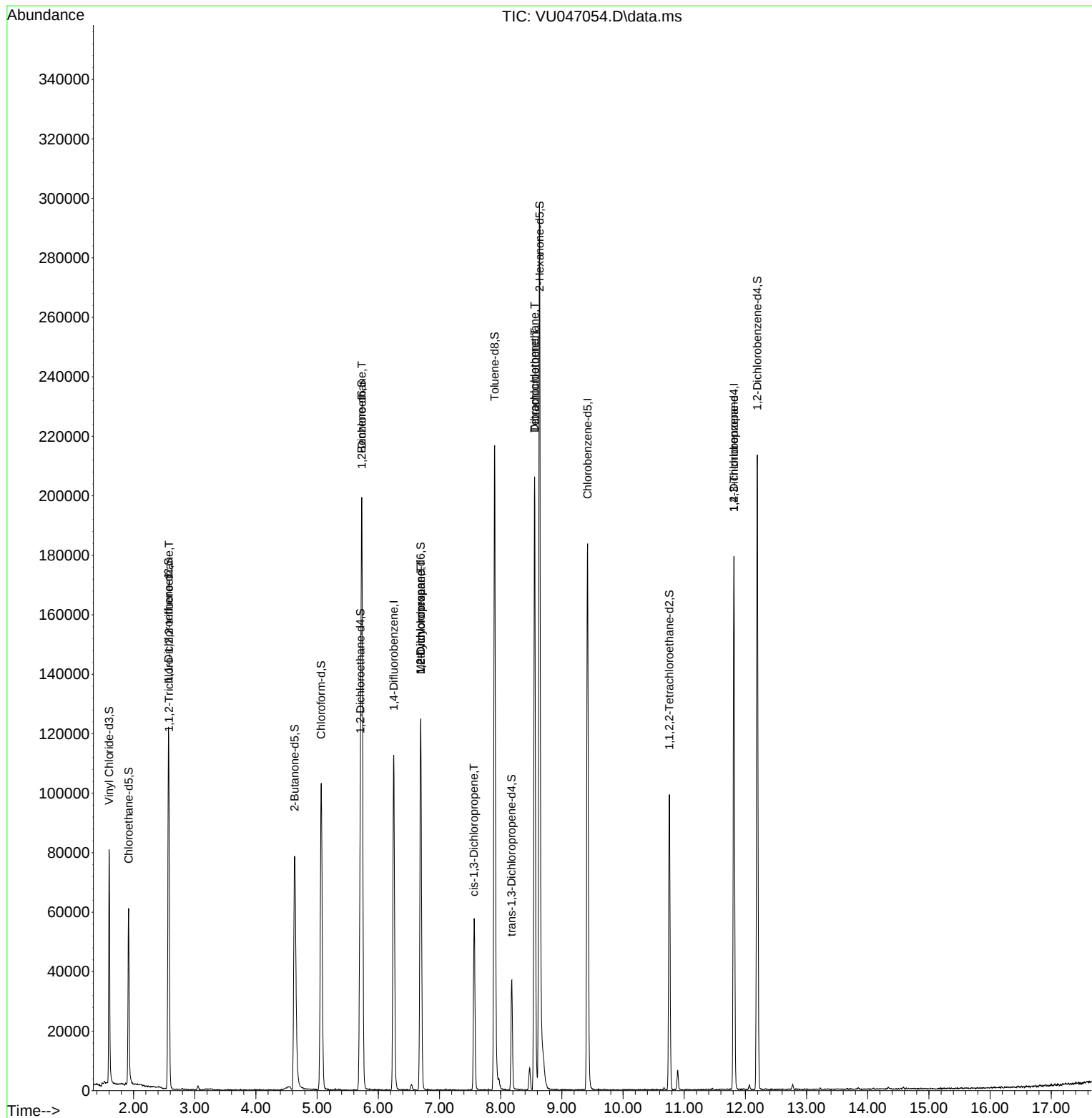
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58757	4.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.919	69	45725	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.572	65	23031	5.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.633	46	124874	52.324	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.640%
24) Chloroform-d	5.067	84	96517	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.707	65	51341	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.729	84	193978	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.694	67	59095	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.903	98	155099	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.179	79	22019	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.636	63	106866	50.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50495	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	56564	5.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	565	0.072	ug/L #	21
27) 1,2-Dichloroethane	5.732	62	916	0.105	ug/L #	73
35) Methylcyclohexane	6.694	83	14398	1.330	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	6240	0.764	ug/L #	85
39) cis-1,3-Dichloropropene	7.562	75	1462	0.138	ug/L #	59
47) Tetrachloroethene	8.555	164	48397	7.984	ug/L	98
49) Dibromochloromethane	8.555	129	46598	6.563	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	5889	1.317	ug/L #	65

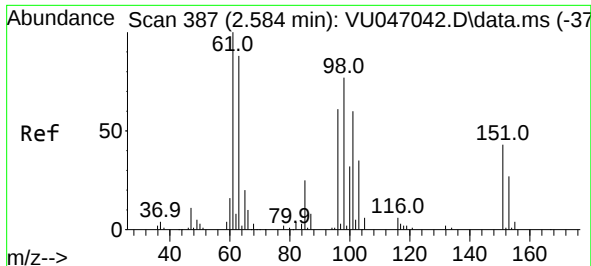
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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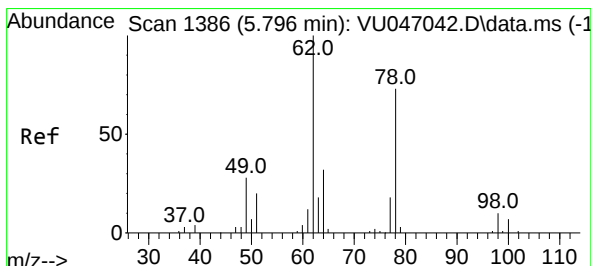
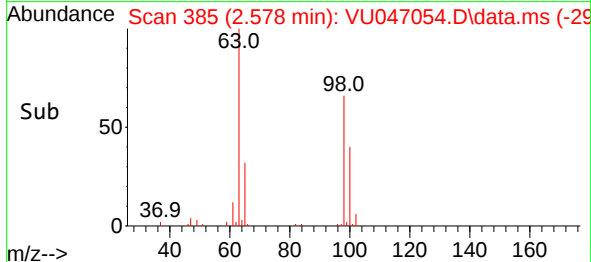
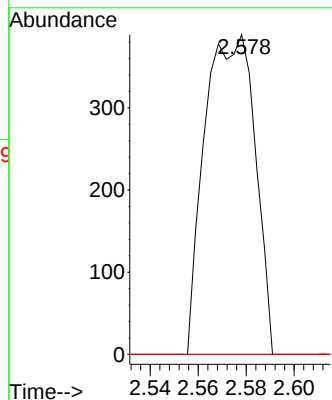
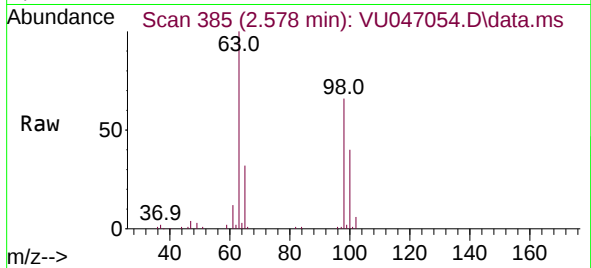




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.072 ug/L
 RT: 2.578 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU047054.D
 Acq: 04 Feb 2022 18:46

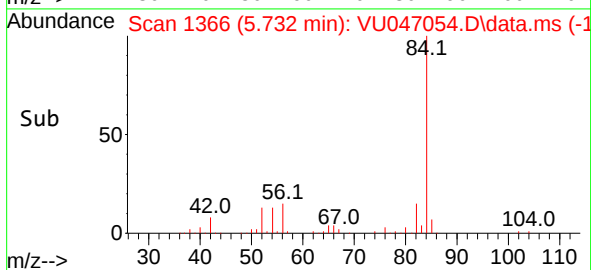
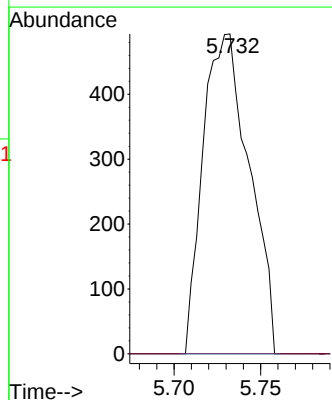
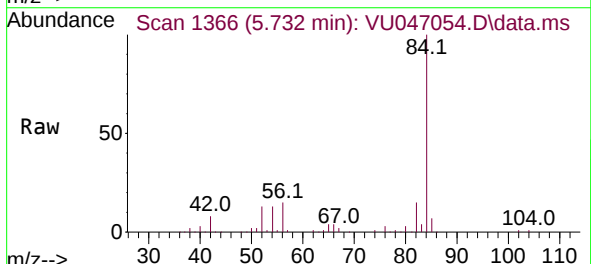
Instrument :
 MSVOA_U
 ClientSampleId :

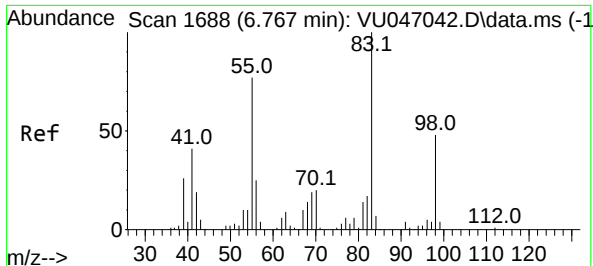
Tgt Ion:101 Resp: 565
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 57.2 85.8#



#27
 1,2-Dichloroethane
 Concen: 0.105 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.064 min
 Lab File: VU047054.D
 Acq: 04 Feb 2022 18:46

Tgt Ion: 62 Resp: 916
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.0 12.0#





#35

Methylcyclohexane

Concen: 1.330 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047054.D

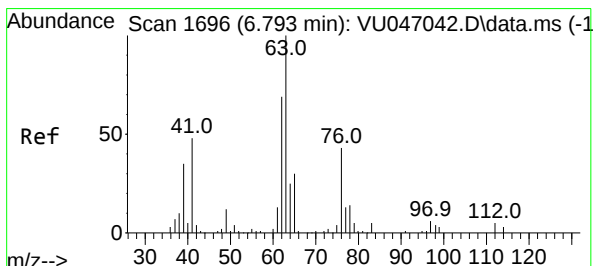
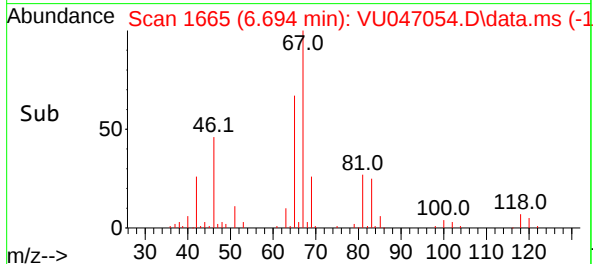
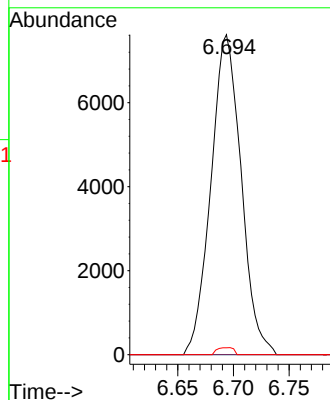
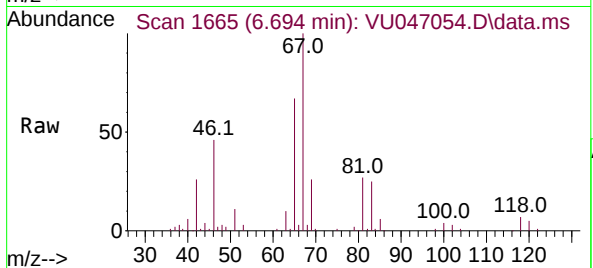
Acq: 04 Feb 2022 18:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14398
Ion Ratio	Lower Upper
83	100
55	0.0 61.2 91.8#
98	1.2 39.3 58.9#



#37

1,2-Dichloropropane

Concen: 0.764 ug/L

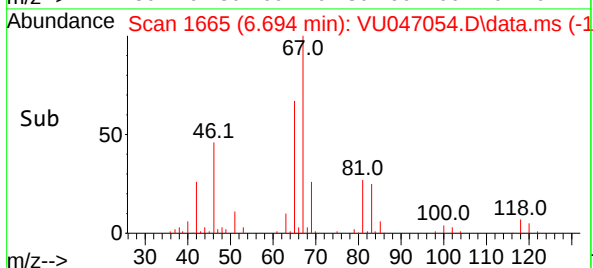
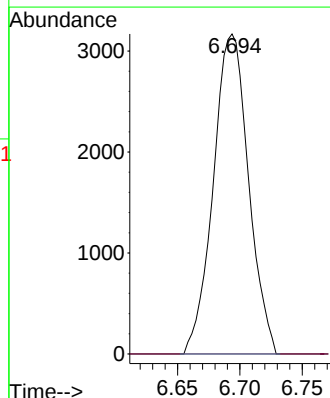
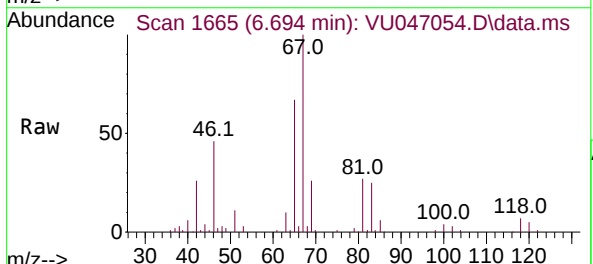
RT: 6.694 min Scan# 1665

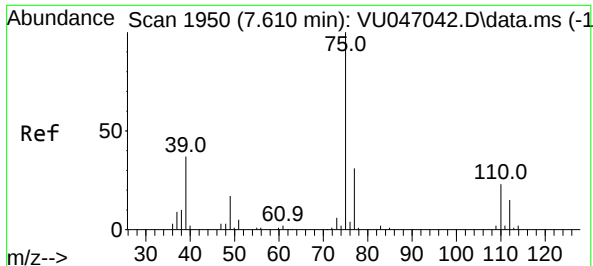
Delta R.T. -0.099 min

Lab File: VU047054.D

Acq: 04 Feb 2022 18:46

Tgt Ion: 63	Resp: 6240
Ion Ratio	Lower Upper
63	100
112	0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 7.562 min Scan# 1950

Delta R.T. -0.048 min

Lab File: VU047054.D

Acq: 04 Feb 2022 18:46

Instrument :

MSVOA_U

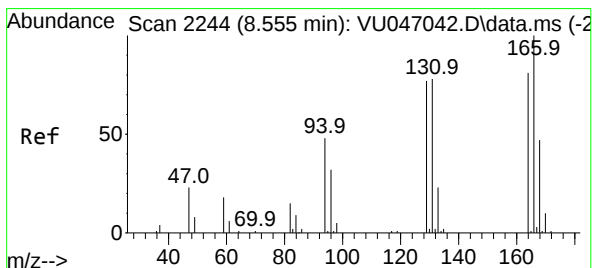
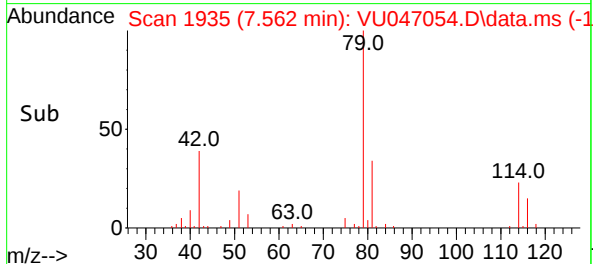
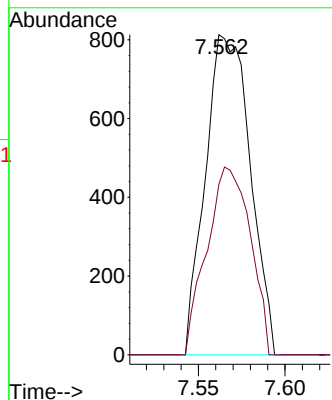
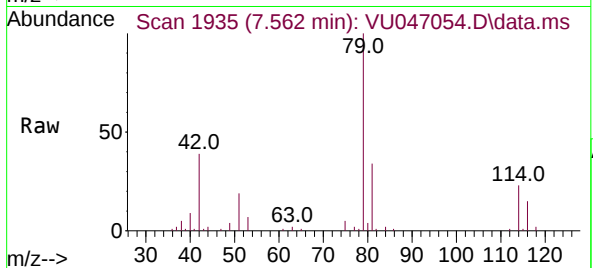
ClientSampleId :

Tgt Ion: 75 Resp: 1462

Ion Ratio Lower Upper

75 100

77 53.3 21.6 40.2#



#47

Tetrachloroethene

Concen: 7.984 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047054.D

Acq: 04 Feb 2022 18:46

Tgt Ion: 164 Resp: 48397

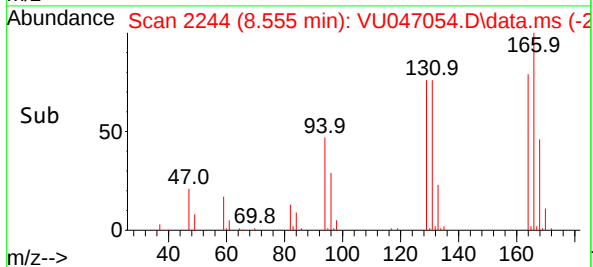
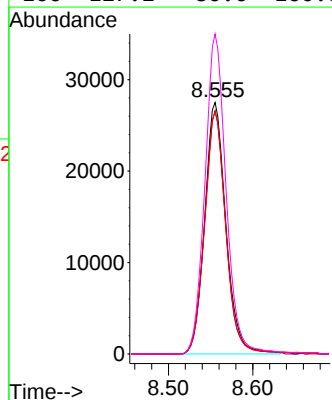
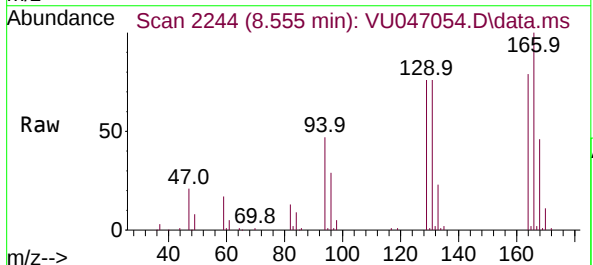
Ion Ratio Lower Upper

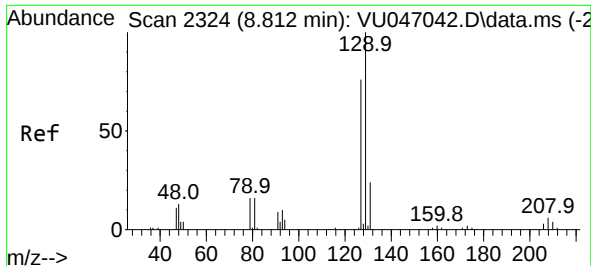
164 100

129 96.5 66.5 123.5

131 96.7 67.5 125.4

166 127.2 86.6 160.8

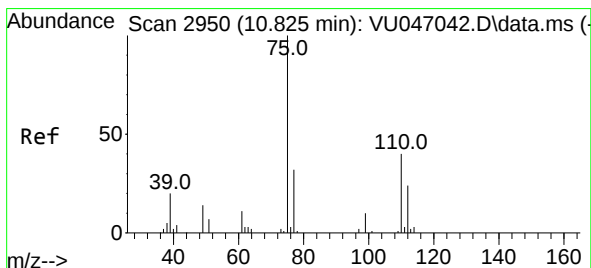
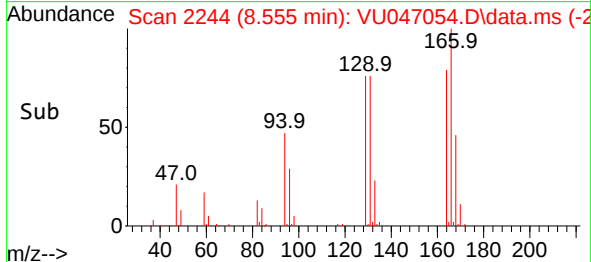
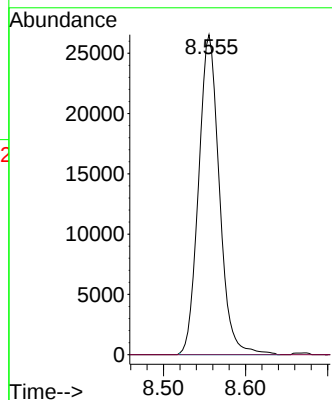
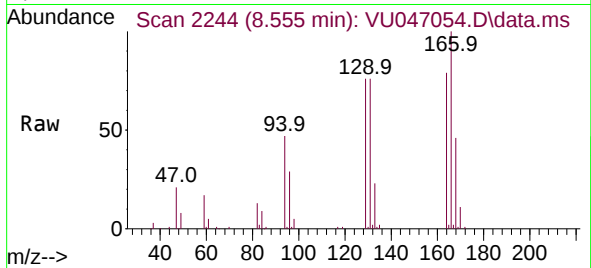




#49
Dibromochloromethane
Concen: 6.563 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047054.D
Acq: 04 Feb 2022 18:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 46598
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61
1,2,3-Trichloropropane
Concen: 1.317 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047054.D
Acq: 04 Feb 2022 18:46

Tgt Ion: 75 Resp: 5889
Ion Ratio Lower Upper
75 100
110 1.1 31.7 47.5#
77 31.4 26.1 39.1

