

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047024.D
 Acq On : 03 Feb 2022 16:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

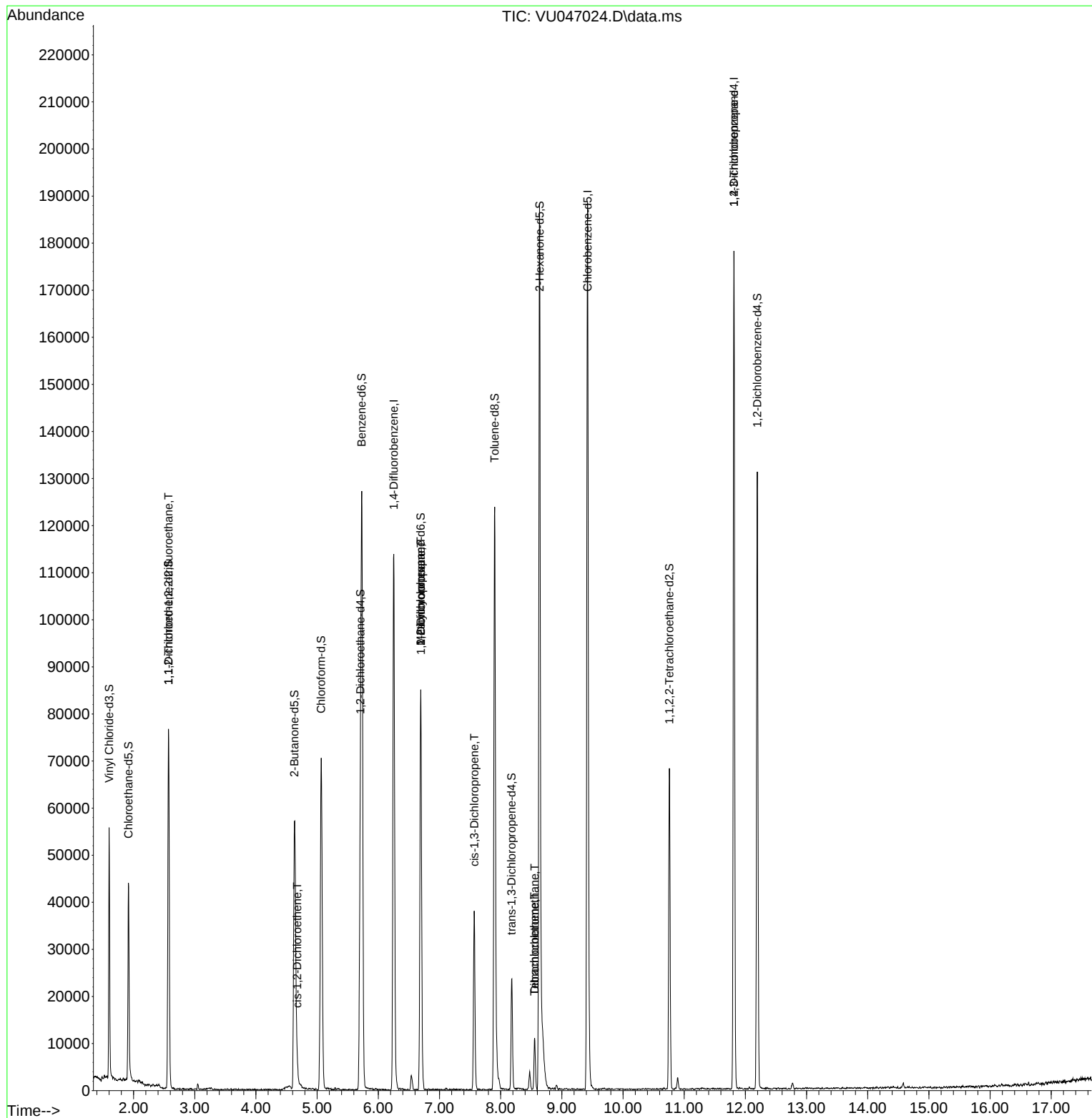
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93571	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37607	4.743	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.916	69	32177	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.572	65	14313	4.538	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.629	46	88710	37.766	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.540%	
24) Chloroform-d	5.067	84	65626	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.707	65	35160	4.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.729	84	122962	3.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
36) 1,2-Dichloropropane-d6	6.694	67	40260	4.050	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.000%	
41) Toluene-d8	7.903	98	92715	3.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.200%#	
43) trans-1,3-Dichloroprop...	8.179	79	13878	3.179	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.600%	
46) 2-Hexanone-d5	8.636	63	63097	24.412	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	48.820%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34525	3.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	69.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35398	3.845	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.000%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	363	0.066	ug/L #	21
22) cis-1,2-Dichloroethene	4.674	96	408	0.068	ug/L	81
35) Methylcyclohexane	6.694	83	10275	0.891	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4100	0.630	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	915	0.090	ug/L #	54
47) Tetrachloroethene	8.552	164	2341	0.418	ug/L	93
49) Dibromochloromethane	8.555	129	2305	0.353	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5794	1.393	ug/L #	65

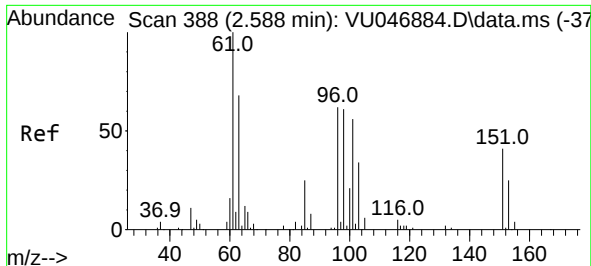
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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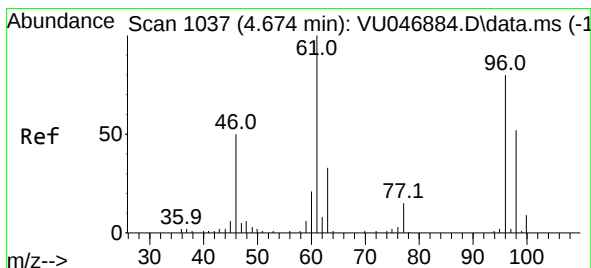
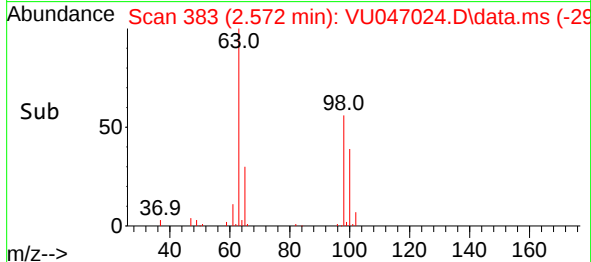
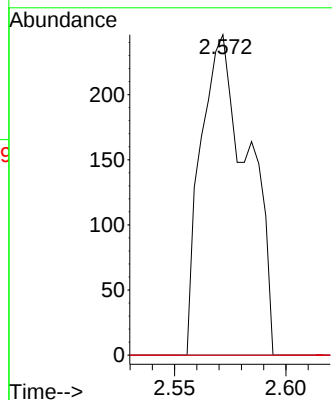
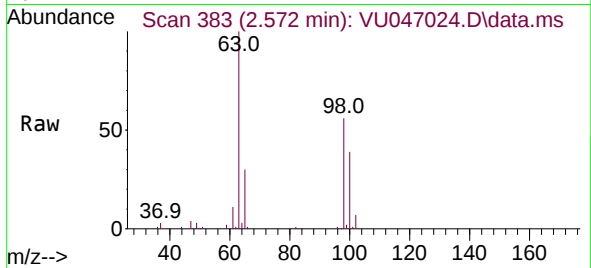




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU047024.D
Acq: 03 Feb 2022 16:13

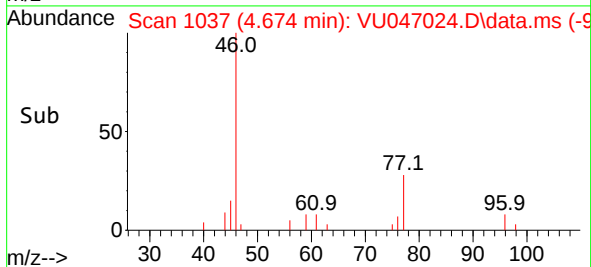
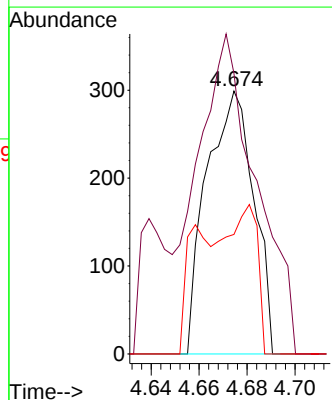
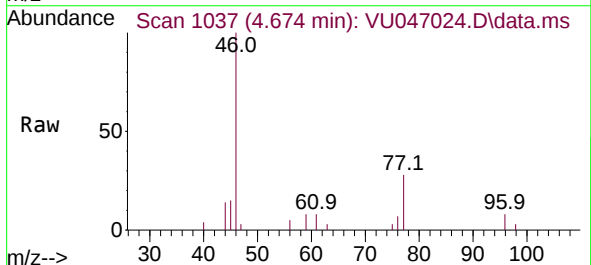
Instrument :
MSVOA_U
ClientSampleId :

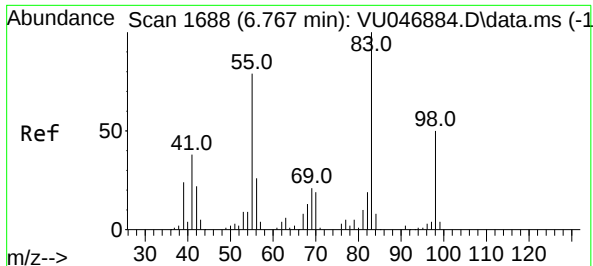
Tgt Ion:101 Resp: 363
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.068 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047024.D
Acq: 03 Feb 2022 16:13

Tgt Ion: 96 Resp: 408
Ion Ratio Lower Upper
96 100
61 106.7 88.5 164.3
98 45.5 44.4 82.5

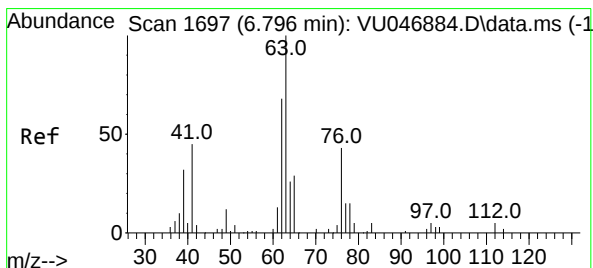
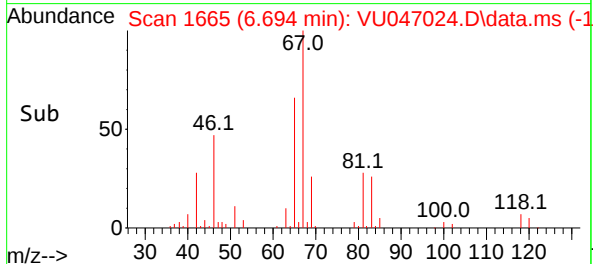
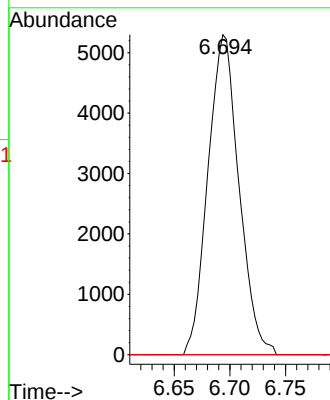
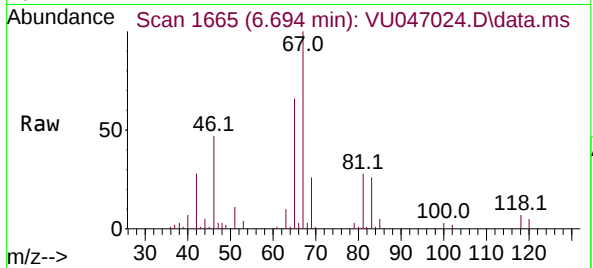




#35
Methylcyclohexane
Concen: 0.891 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047024.D
Acq: 03 Feb 2022 16:13

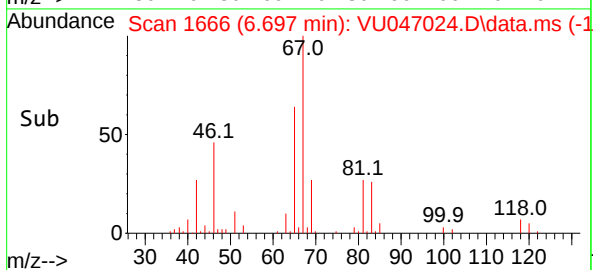
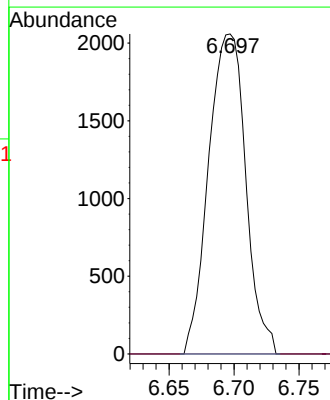
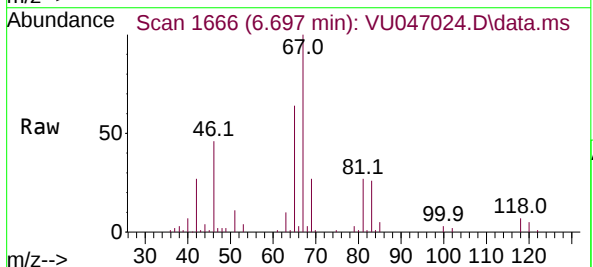
Instrument :
MSVOA_U
ClientSampleId :

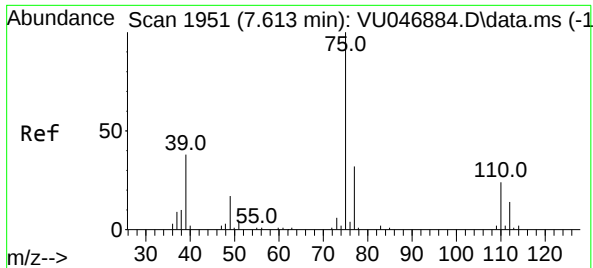
Tgt Ion: 83 Resp: 10275
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU047024.D
Acq: 03 Feb 2022 16:13

Tgt Ion: 63 Resp: 4100
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU047024.D

Acq: 03 Feb 2022 16:13

Instrument :

MSVOA_U

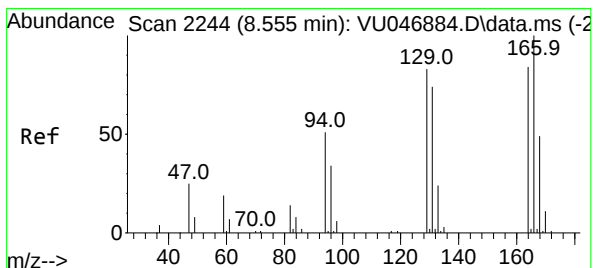
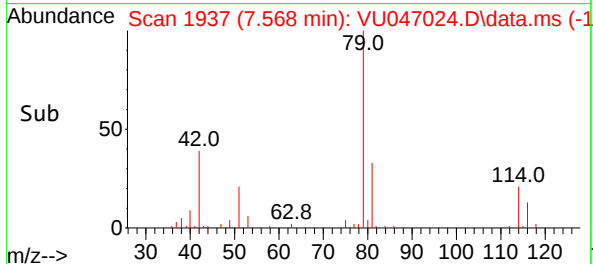
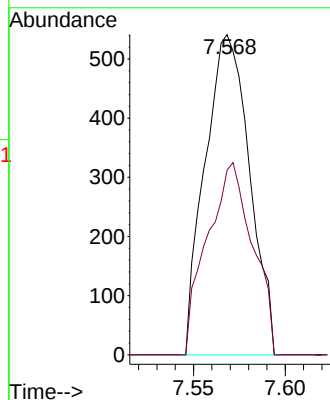
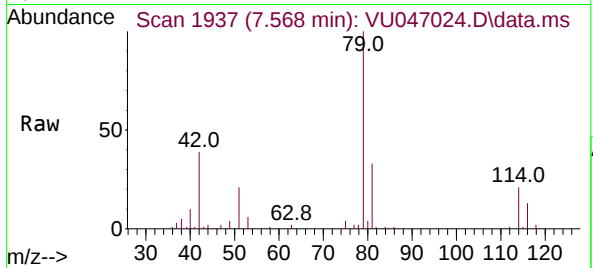
ClientSampleId :

Tgt Ion: 75 Resp: 915

Ion Ratio Lower Upper

75 100

77 57.7 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.418 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU047024.D

Acq: 03 Feb 2022 16:13

Tgt Ion: 164 Resp: 2341

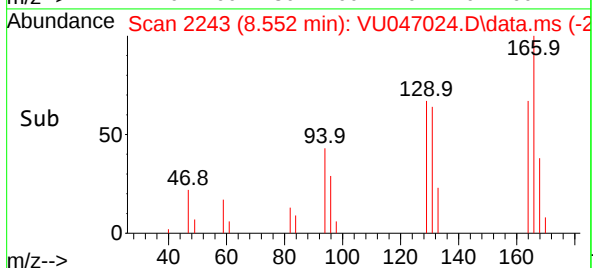
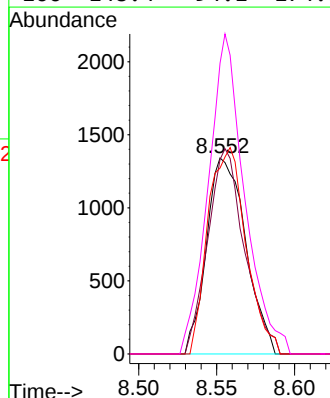
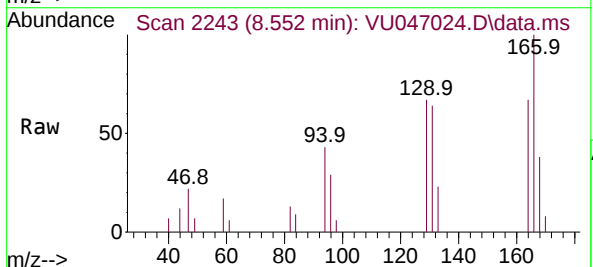
Ion Ratio Lower Upper

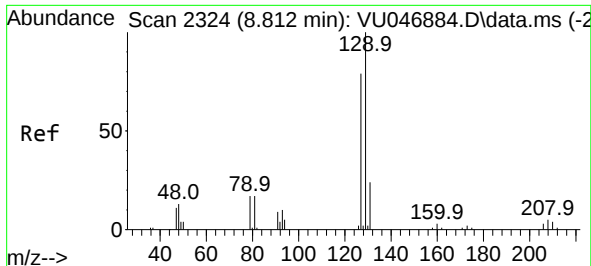
164 100

129 99.2 71.8 133.4

131 94.9 68.5 127.3

166 148.4 94.1 174.8





#49

Dibromochloromethane

Concen: 0.353 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047024.D

Acq: 03 Feb 2022 16:13

Instrument :

MSVOA_U

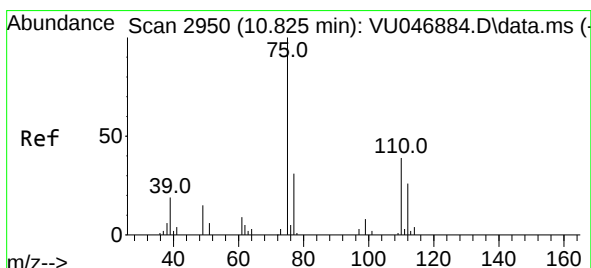
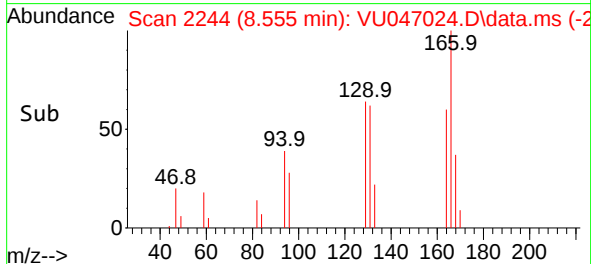
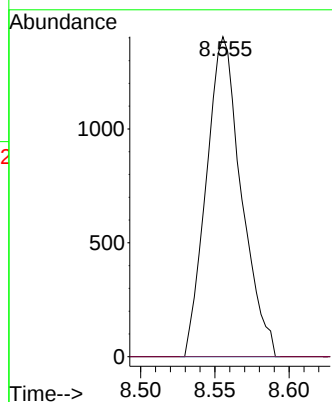
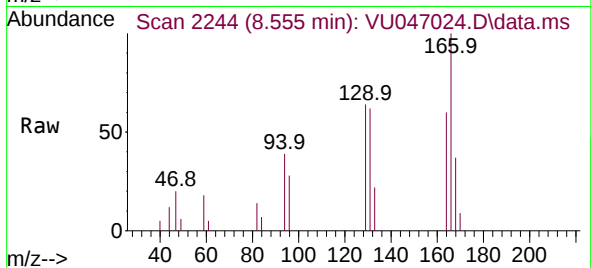
ClientSampleId :

Tgt Ion:129 Resp: 2305

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.393 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047024.D

Acq: 03 Feb 2022 16:13

Tgt Ion: 75 Resp: 5794

Ion Ratio Lower Upper

75 100

110 0.7 29.9 44.9#

77 29.2 25.5 38.3

