

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046938.D
 Acq On : 31 Jan 2022 23:59
 Operator : SY/MD
 Sample : N1328-11DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

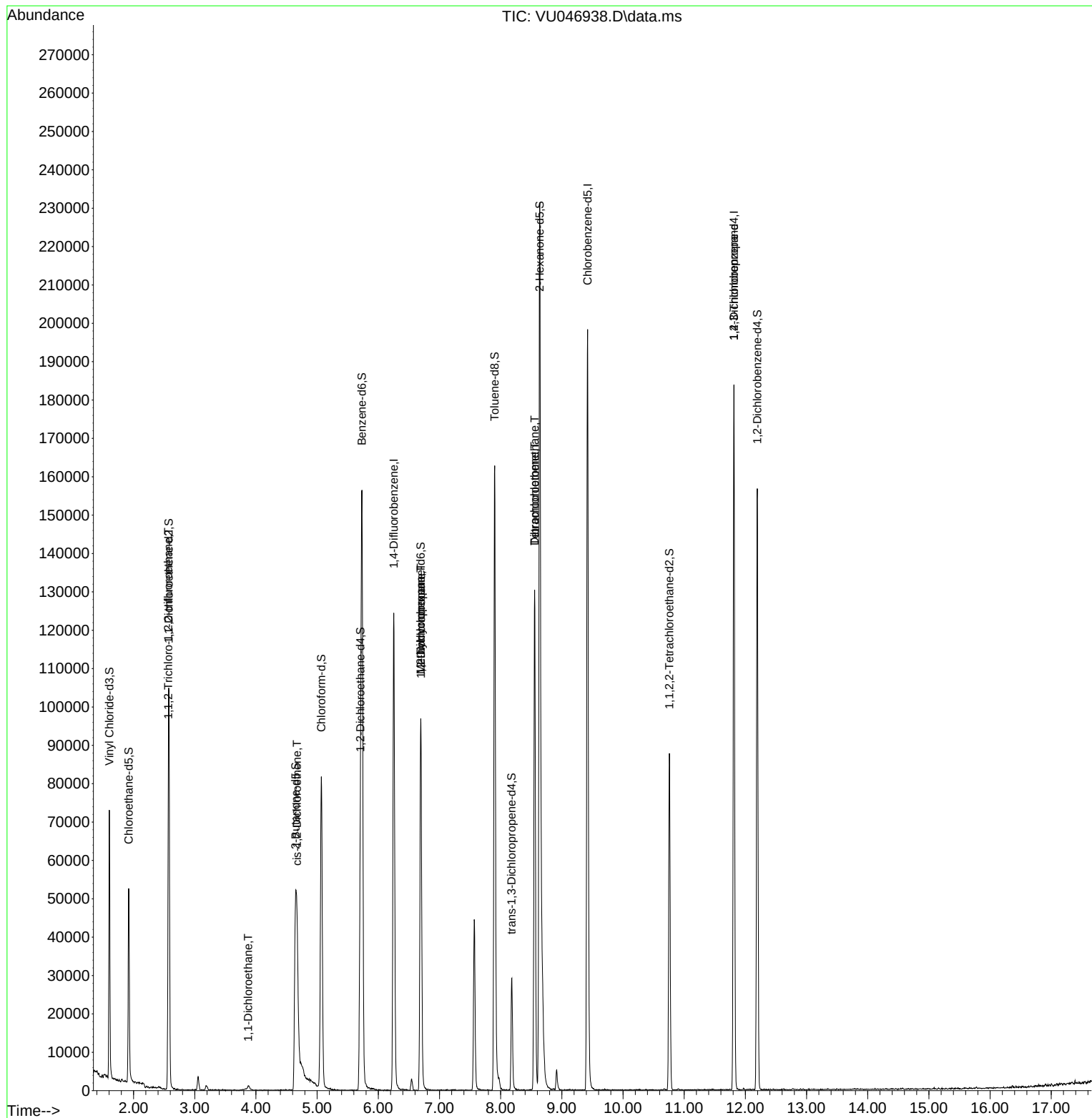
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103338	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51847	5.921	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 118.400%		
7) Chloroethane-d5	1.919	69	38990	5.651	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.000%		
11) 1,1-Dichloroethene-d2	2.575	65	19581	5.622	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.400%		
20) 2-Butanone-d5	4.649	46	90588	34.921	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 69.840%		
24) Chloroform-d	5.070	84	76716	4.991	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
26) 1,2-Dichloroethane-d4	5.706	65	42779	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.200%		
32) Benzene-d6	5.732	84	150623	4.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.000%		
36) 1,2-Dichloropropane-d6	6.693	67	48992	4.661	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 93.200%		
41) Toluene-d8	7.902	98	117476	3.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 73.400%		
43) trans-1,3-Dichloroprop...	8.179	79	17994	3.898	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 78.000%		
46) 2-Hexanone-d5	8.639	63	101166	37.016	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 74.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45331	4.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 86.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41093	4.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.000%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	547	0.091	ug/L #	21
19) 1,1-Dichloroethane	3.874	63	1410	0.134	ug/L #	89
22) cis-1,2-Dichloroethene	4.671	96	10128	1.536	ug/L	94
35) Methylcyclohexane	6.693	83	11547	0.947	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4955	0.720	ug/L #	88
47) Tetrachloroethene	8.555	164	29859	5.042	ug/L	95
49) Dibromochloromethane	8.555	129	28928	4.190	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6290	1.558	ug/L #	66

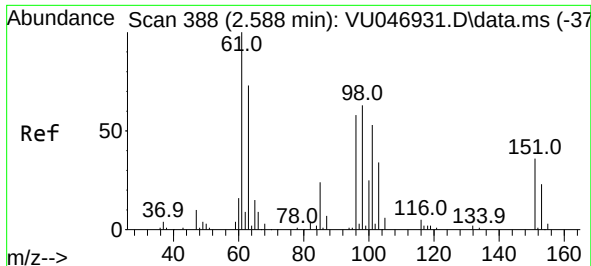
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.091 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.020 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

Instrument :

MSVOA_U

ClientSampleId :

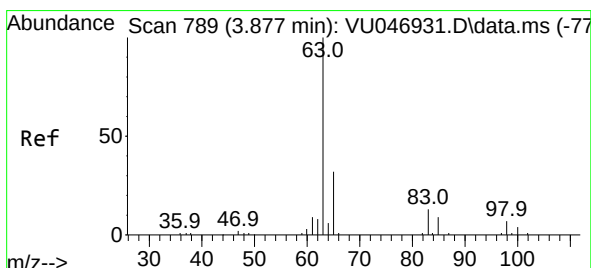
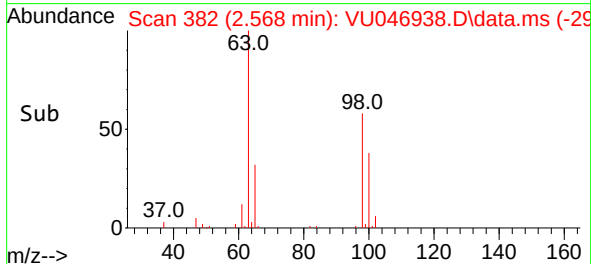
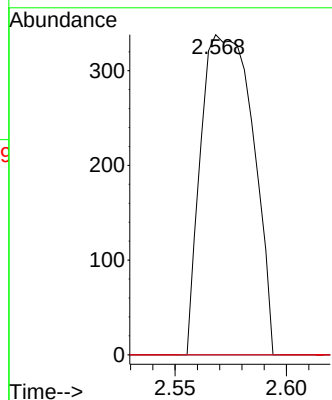
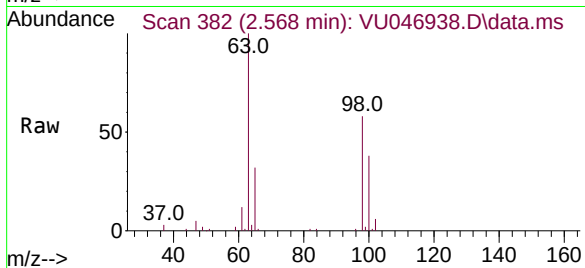
Tgt Ion:101 Resp: 547

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#19

1,1-Dichloroethane

Concen: 0.134 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

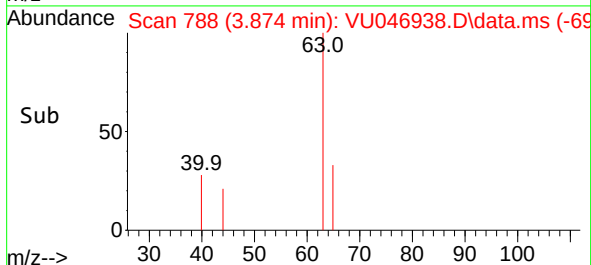
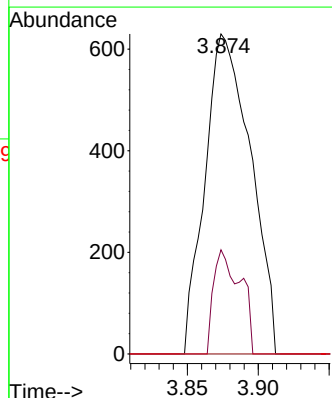
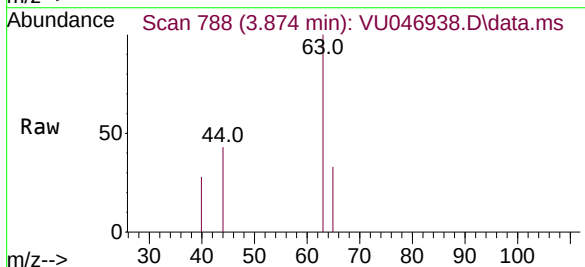
Tgt Ion: 63 Resp: 1410

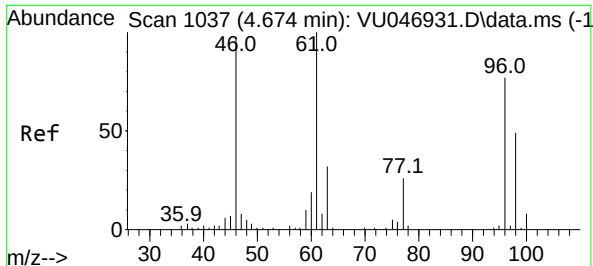
Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.5

83 0.0 9.6 17.8#





#22

cis-1,2-Dichloroethene

Concen: 1.536 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046938.D

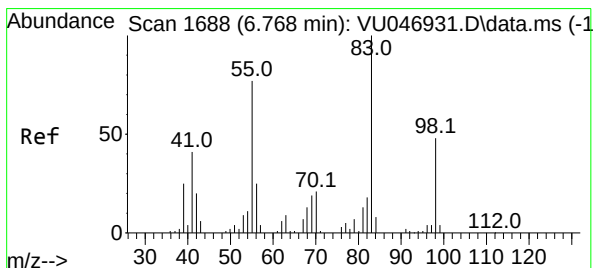
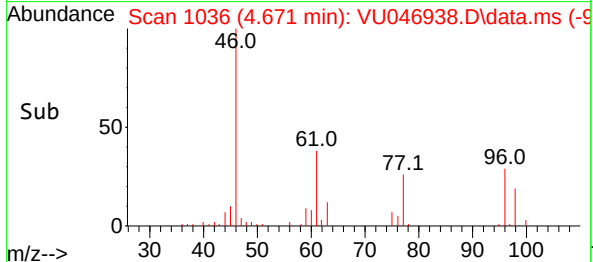
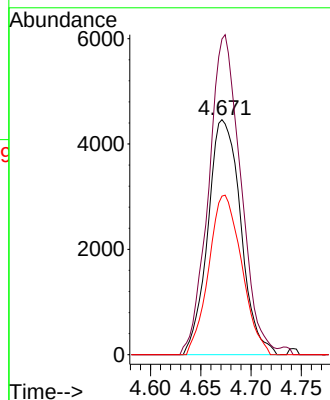
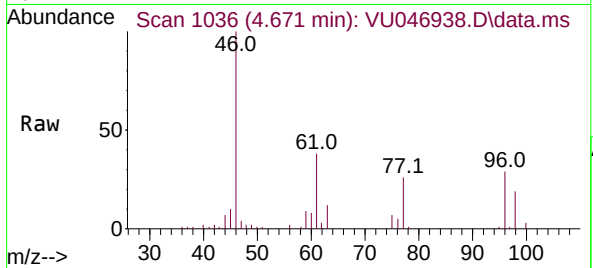
Acq: 31 Jan 2022 23:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 10128
Ion Ratio	Lower Upper
96 100	
61 134.3	88.5 164.3
98 67.5	44.4 82.5



#35

Methylcyclohexane

Concen: 0.947 ug/L

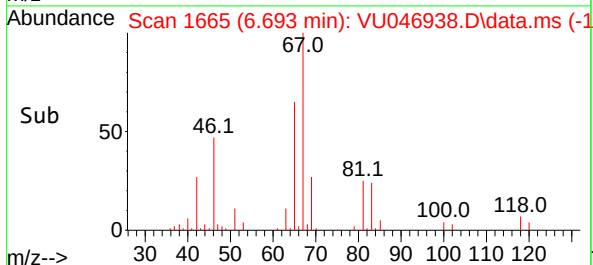
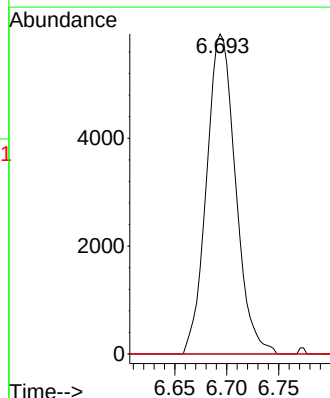
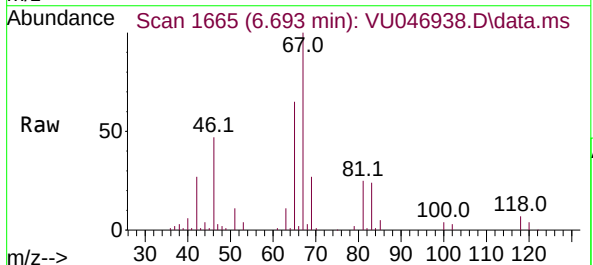
RT: 6.693 min Scan# 1665

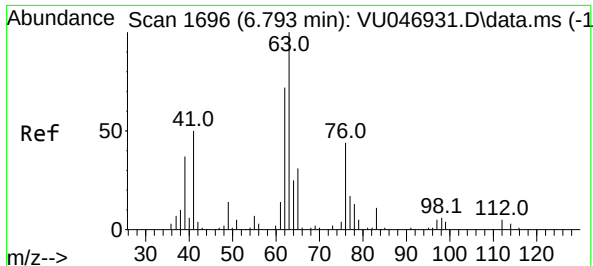
Delta R.T. -0.074 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

Tgt Ion: 83	Resp: 11547
Ion Ratio	Lower Upper
83 100	
55 0.0	61.9 92.9#
98 0.2	39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.720 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

Instrument :

MSVOA_U

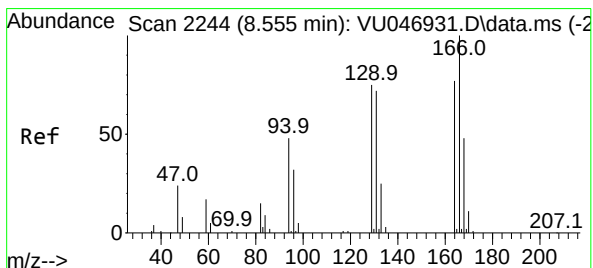
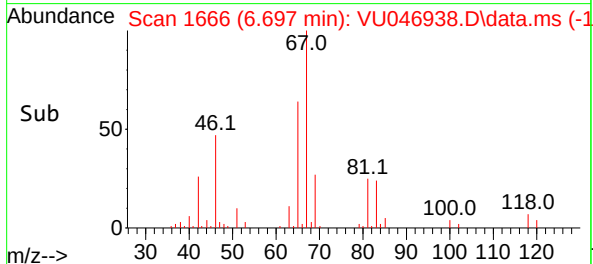
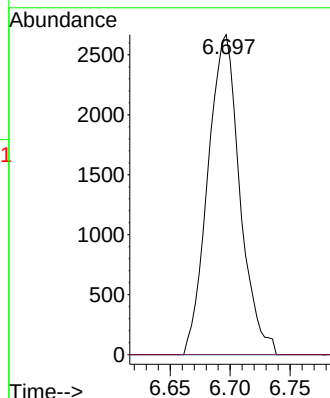
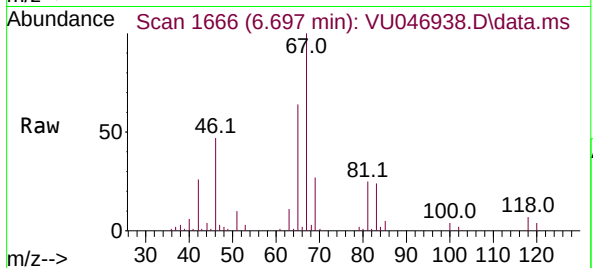
ClientSampleId :

Tgt Ion: 63 Resp: 4955

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 5.042 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

Tgt Ion: 164 Resp: 29859

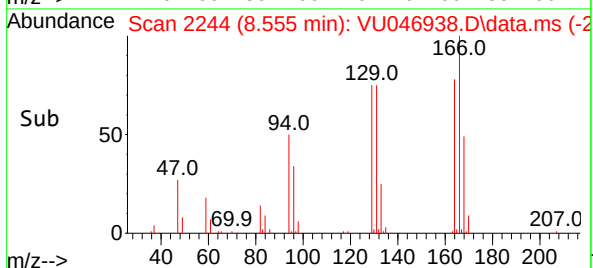
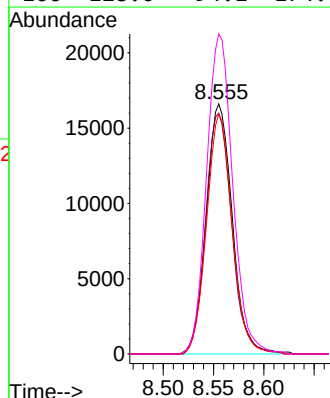
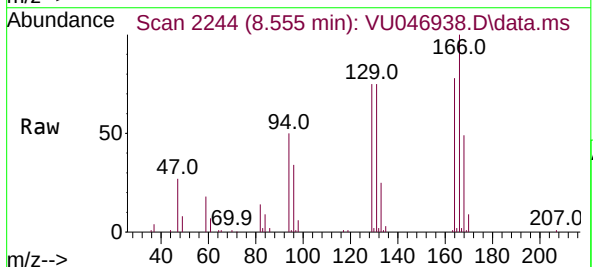
Ion Ratio Lower Upper

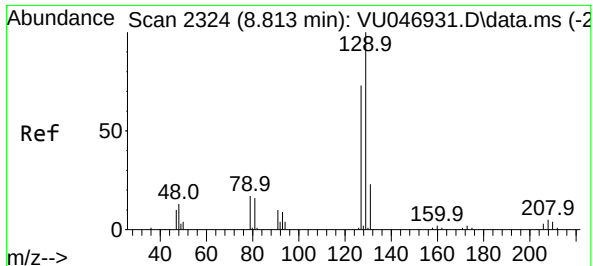
164 100

129 96.3 71.8 133.4

131 95.9 68.5 127.3

166 128.0 94.1 174.8





#49

Dibromochloromethane

Concen: 4.190 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

Instrument :

MSVOA_U

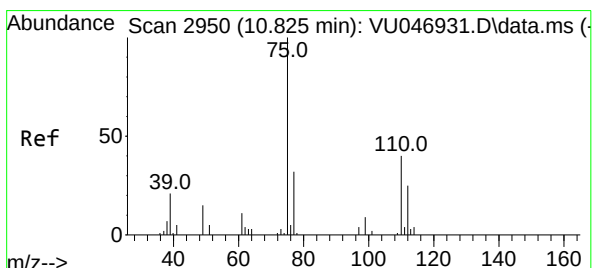
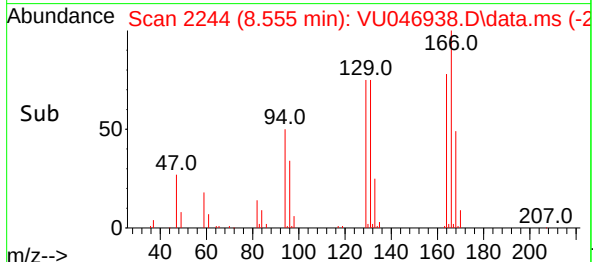
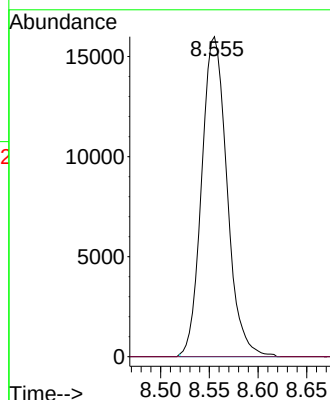
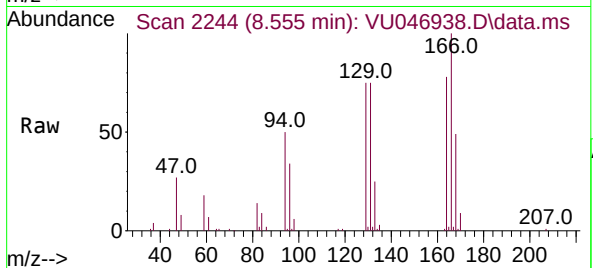
ClientSampleId :

Tgt Ion:129 Resp: 28928

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.558 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046938.D

Acq: 31 Jan 2022 23:59

Tgt Ion: 75 Resp: 6290

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.8 25.5 38.3

