

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045898.D
 Acq On : 19 Nov 2021 17:00
 Operator : SY/MD
 Sample : M4752-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

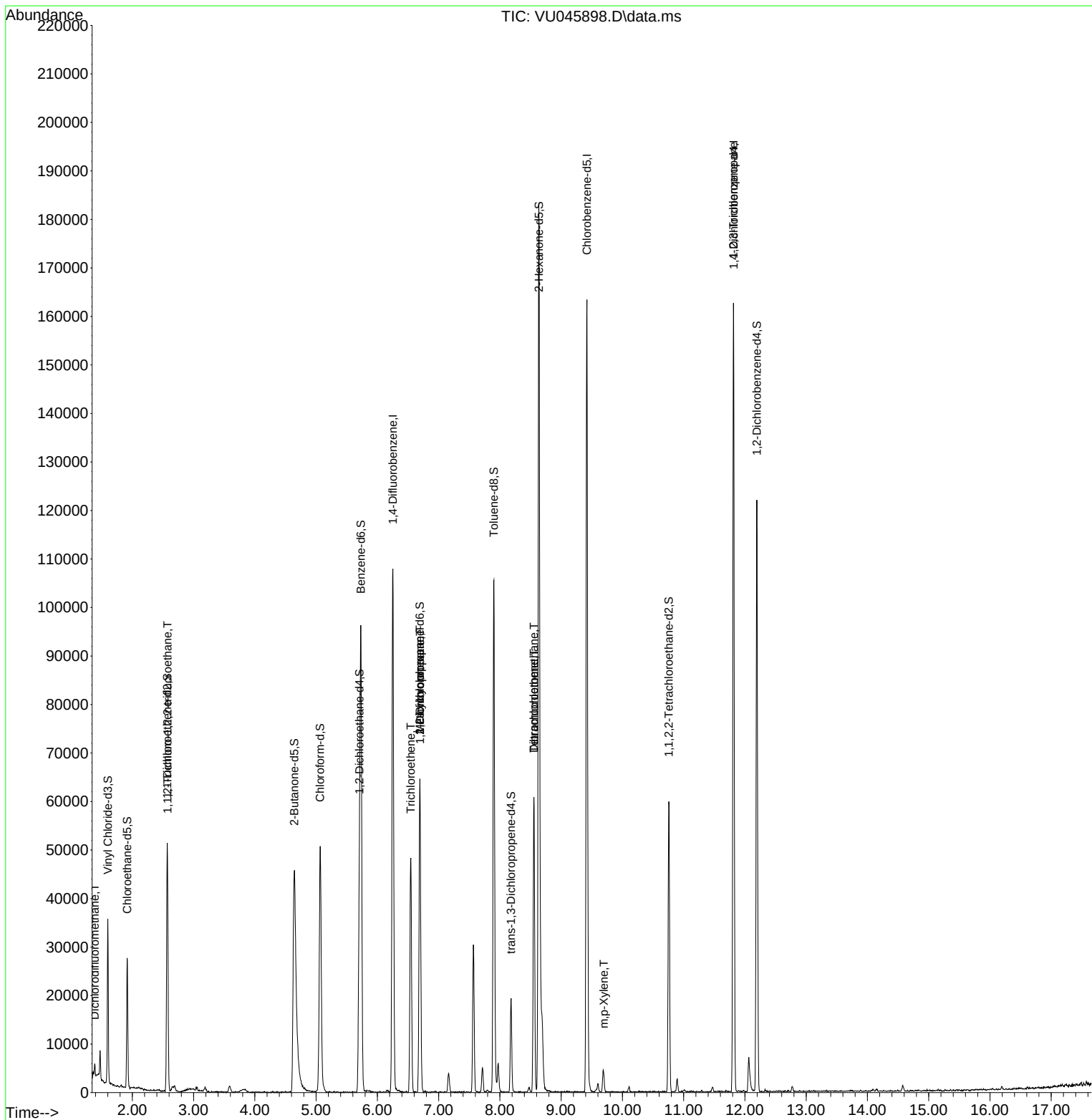
Instrument :
 MSVOA_U
 ClientSampleId :

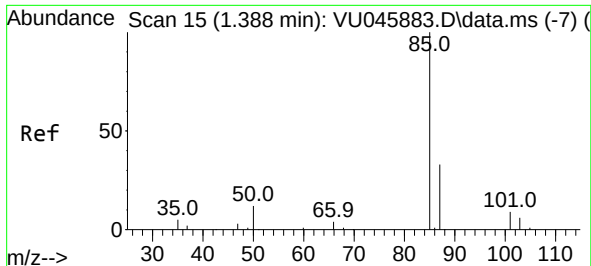
Quant Time: Nov 22 03:54:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22805	3.299	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.916	69	19465	3.868	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.572	65	9653	3.329	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.600%	
20) 2-Butanone-d5	4.645	46	99717	53.826	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.660%	
24) Chloroform-d	5.067	84	46372	4.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
26) 1,2-Dichloroethane-d4	5.706	65	28321	4.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
32) Benzene-d6	5.732	84	88302	3.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.000%#	
36) 1,2-Dichloropropane-d6	6.694	67	30765	3.818	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.400%	
41) Toluene-d8	7.899	98	71883	3.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	62.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	11657	3.564	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.200%	
46) 2-Hexanone-d5	8.636	63	65159	44.263	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.520%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30046	4.414	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31306	4.256	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	1601	0.225	ug/L #	85
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	275	0.048	ug/L #	21
34) Trichloroethene	6.546	95	16678	2.498	ug/L	96
35) Methylcyclohexane	6.694	83	7311	0.713	ug/L #	23
37) 1,2-Dichloropropane	6.697	63	3338	0.490	ug/L #	88
47) Tetrachloroethene	8.555	164	13170	2.818	ug/L	97
49) Dibromochloromethane	8.555	129	13295	2.306	ug/L #	10
53) m,p-Xylene	9.697	106	981	0.092	ug/L	73
61) 1,2,3-Trichloropropane	11.812	75	5569	1.252	ug/L #	65

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

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Response via : Initial Calibration

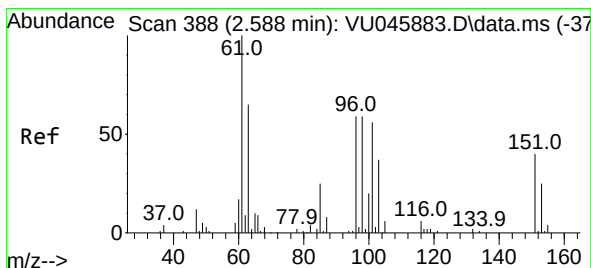
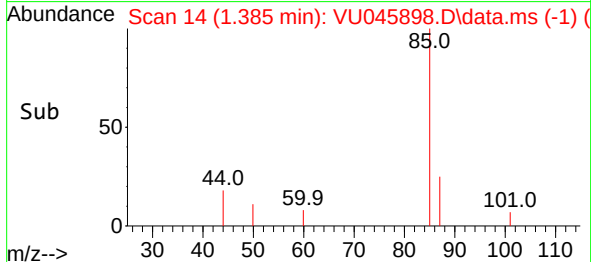
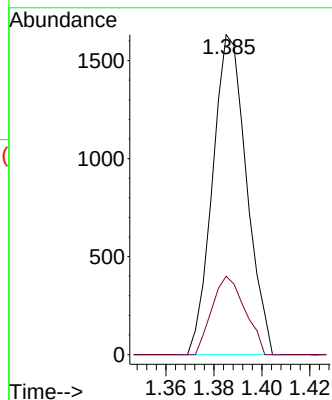
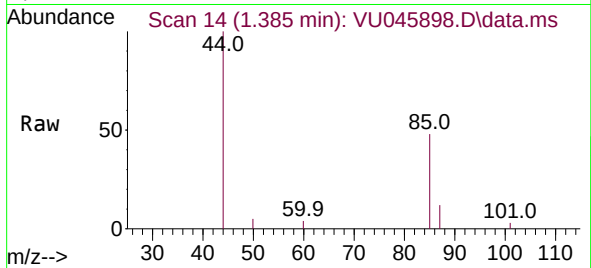




#2
Dichlorodifluoromethane
Concen: 0.225 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045898.D
Acq: 19 Nov 2021 17:00

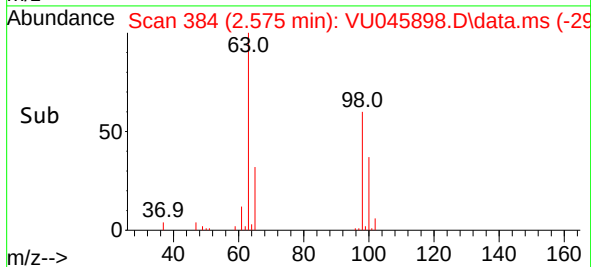
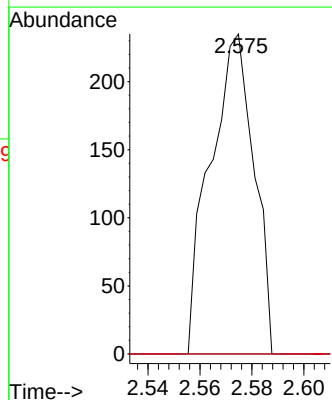
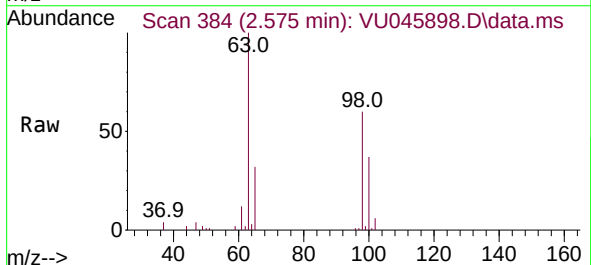
Instrument :
MSVOA_U
ClientSampleId :

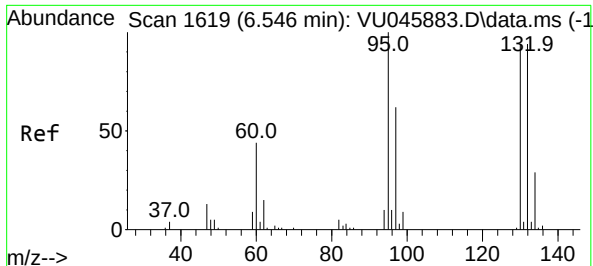
Tgt Ion: 85 Resp: 1601
Ion Ratio Lower Upper
85 100
87 23.9 25.8 38.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU045898.D
Acq: 19 Nov 2021 17:00

Tgt Ion:101 Resp: 275
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#





#34

Trichloroethene

Concen: 2.498 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045898.D

Acq: 19 Nov 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 16678

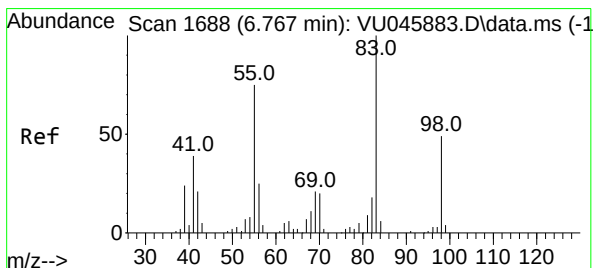
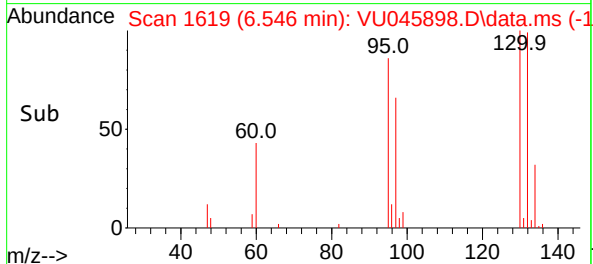
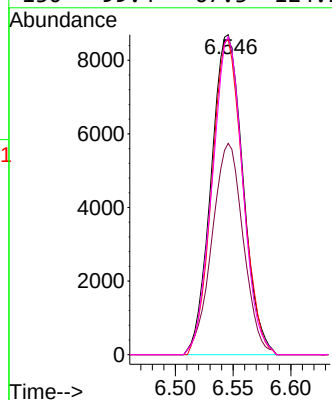
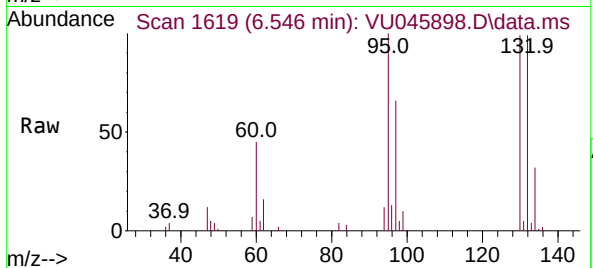
Ion Ratio Lower Upper

95 100

97 66.0 46.5 86.5

132 98.5 65.1 120.9

130 99.4 67.3 124.9



#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045898.D

Acq: 19 Nov 2021 17:00

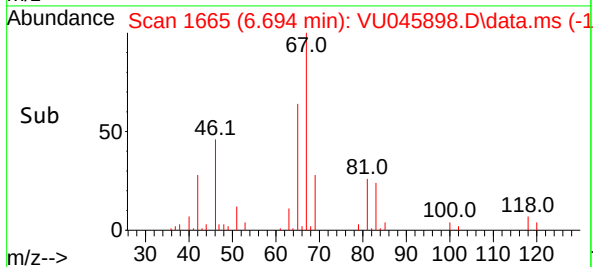
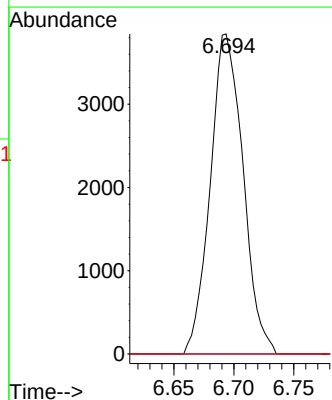
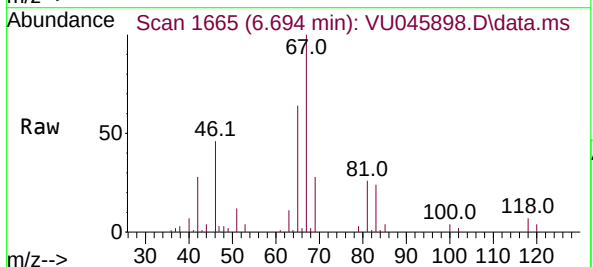
Tgt Ion: 83 Resp: 7311

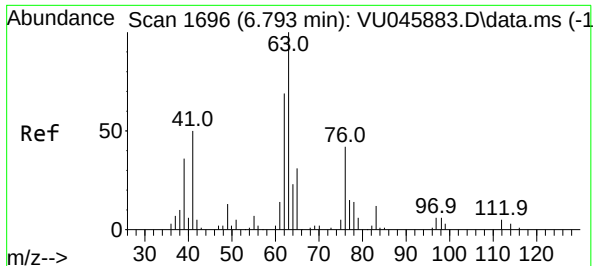
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 9.8 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.490 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU045898.D

Acq: 19 Nov 2021 17:00

Instrument :

MSVOA_U

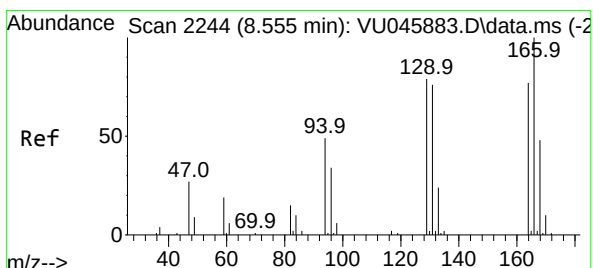
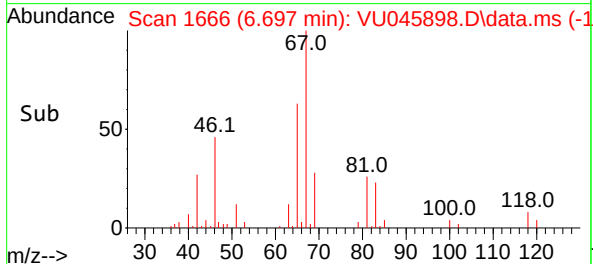
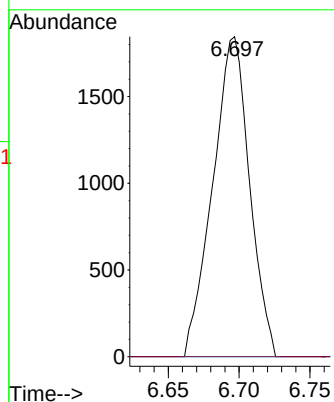
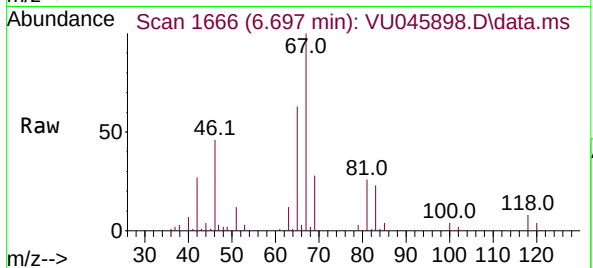
ClientSampleId :

Tgt Ion: 63 Resp: 3338

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 2.818 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045898.D

Acq: 19 Nov 2021 17:00

Tgt Ion: 164 Resp: 13170

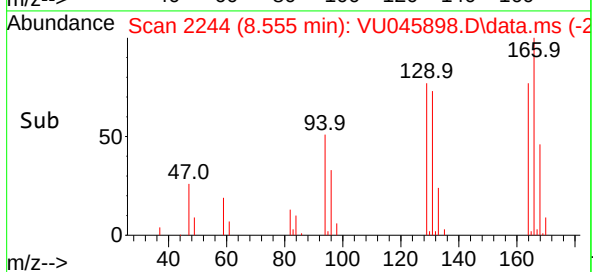
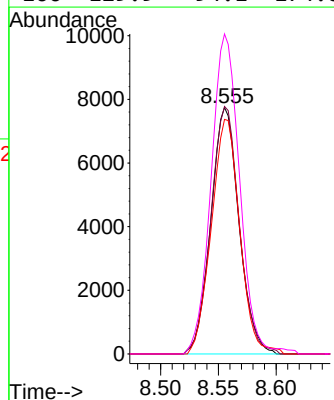
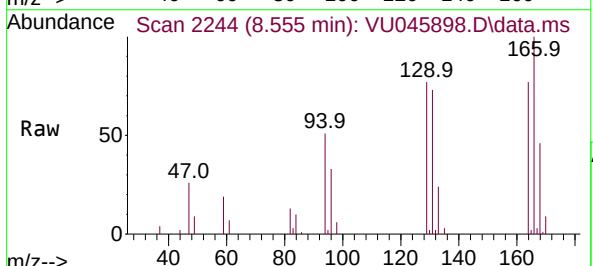
Ion Ratio Lower Upper

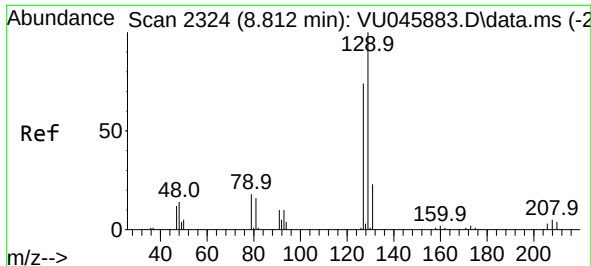
164 100

129 100.4 71.8 133.4

131 95.2 68.5 127.3

166 129.9 94.1 174.8





#49

Dibromochloromethane

Concen: 2.306 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045898.D

Acq: 19 Nov 2021 17:00

Instrument :

MSVOA_U

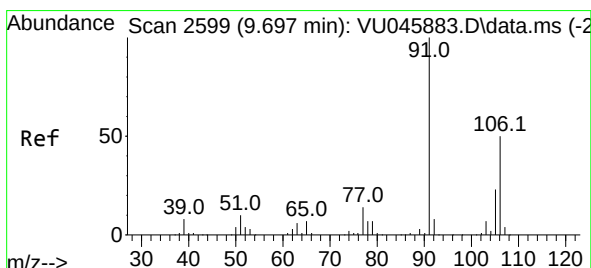
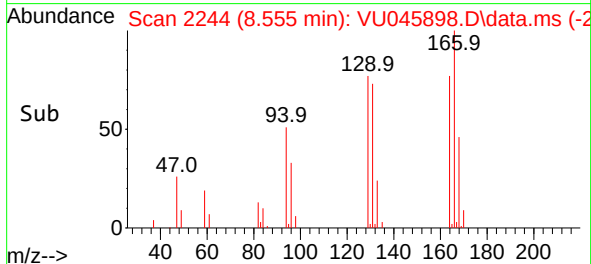
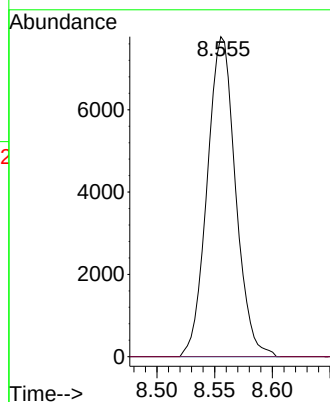
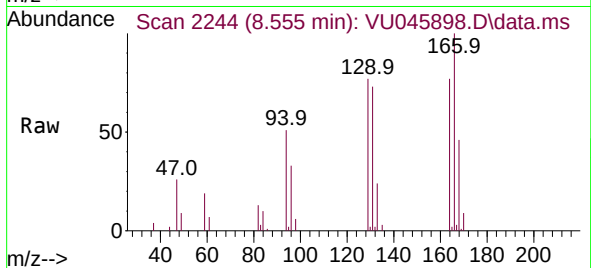
ClientSampleId :

Tgt Ion:129 Resp: 13295

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#53

m,p-Xylene

Concen: 0.092 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045898.D

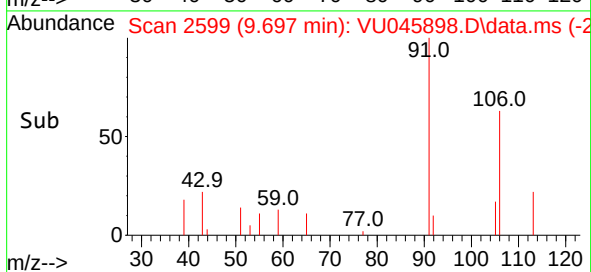
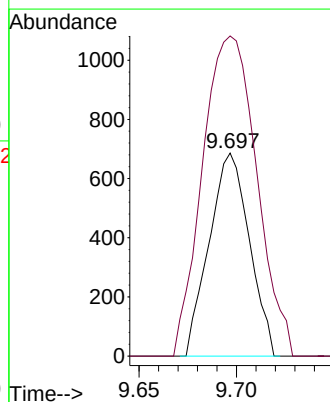
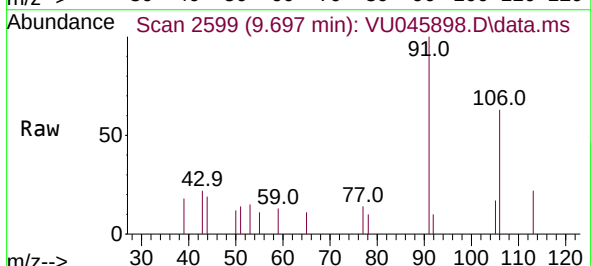
Acq: 19 Nov 2021 17:00

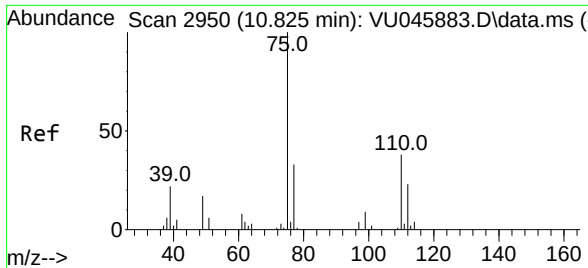
Tgt Ion:106 Resp: 981

Ion Ratio Lower Upper

106 100

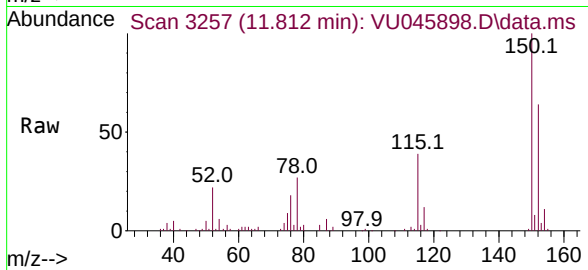
91 157.7 139.4 259.0





#61
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045898.D
 Acq: 19 Nov 2021 17:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5569
 Ion Ratio Lower Upper
 75 100
 110 0.4 29.9 44.9#
 77 30.1 25.5 38.3

