

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047055.D
 Acq On : 04 Feb 2022 19:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:36:06 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)

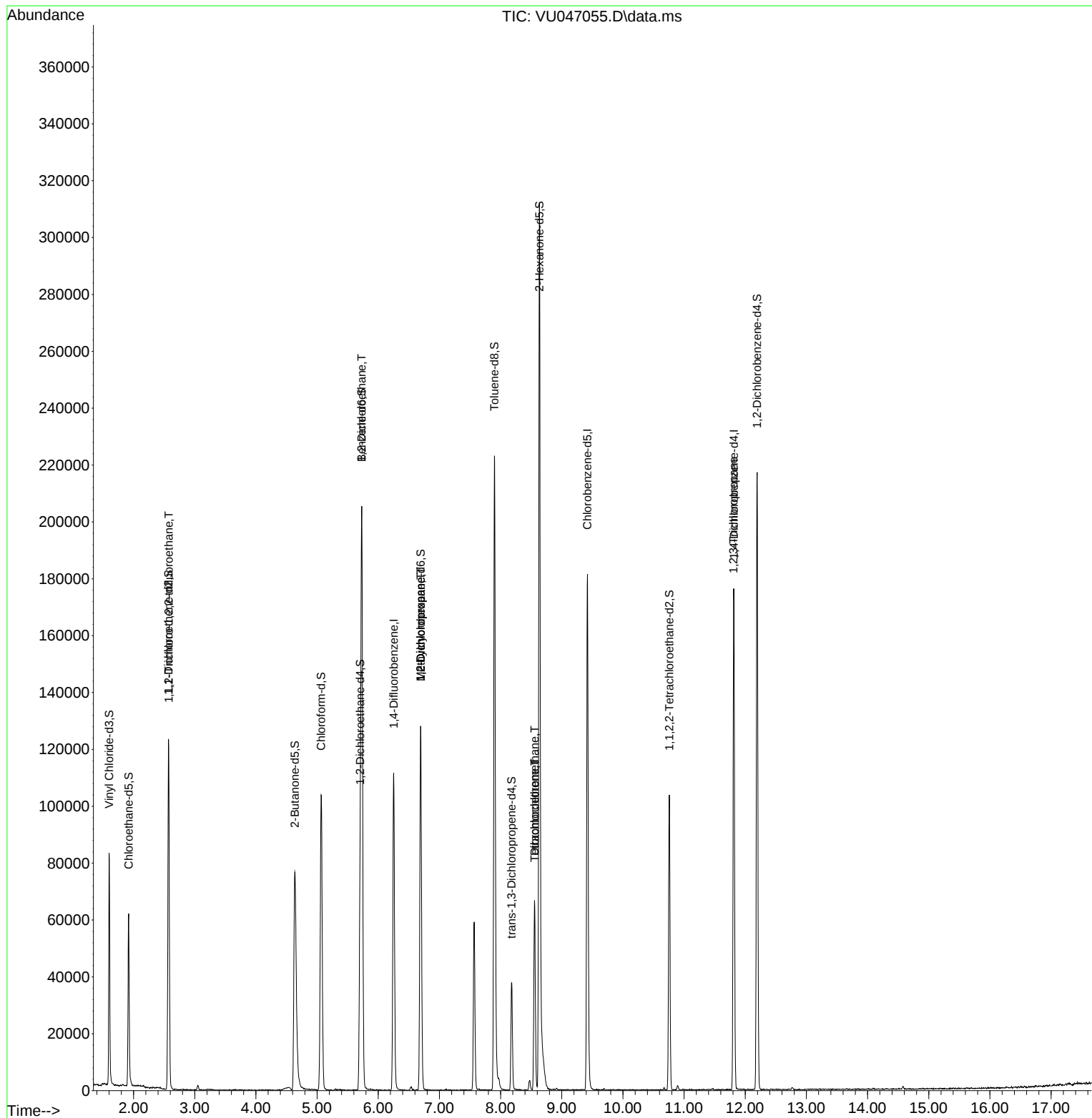
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93568	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	48424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61539	5.127	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.919	69	47783	5.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.200%		
11) 1,1-Dichloroethene-d2	2.571	65	22726	5.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.800%		
20) 2-Butanone-d5	4.636	46	130319	54.298	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.600%		
24) Chloroform-d	5.067	84	100204	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
26) 1,2-Dichloroethane-d4	5.703	65	51927	5.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
32) Benzene-d6	5.729	84	197598	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.000%		
36) 1,2-Dichloropropane-d6	6.694	67	61473	5.134	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.600%		
41) Toluene-d8	7.899	98	160691	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.400%		
43) trans-1,3-Dichloroprop...	8.179	79	21960	4.814	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.200%		
46) 2-Hexanone-d5	8.636	63	110528	52.303	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51760	5.064	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	57825	5.865	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.400%		
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	655	0.083	ug/L #	21
27) 1,2-Dichloroethane	5.729	62	887	0.101	ug/L #	73
35) Methylcyclohexane	6.694	83	14803	1.373	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	6601	0.811	ug/L #	85
47) Tetrachloroethene	8.558	164	15280	2.531	ug/L	93
49) Dibromochloromethane	8.555	129	15261	2.158	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	5673	1.256	ug/L #	65

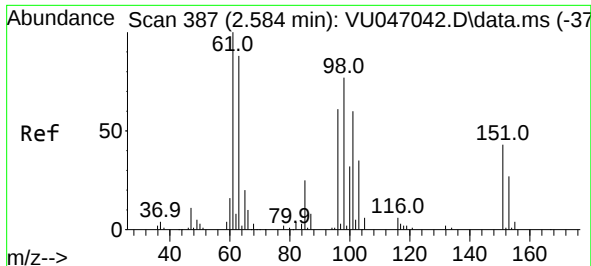
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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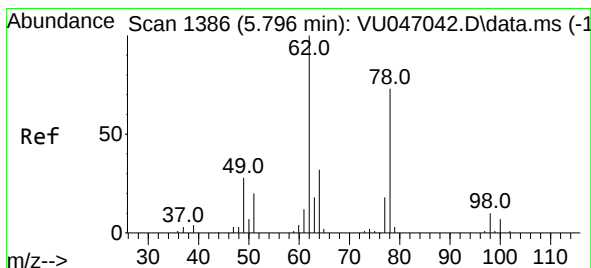
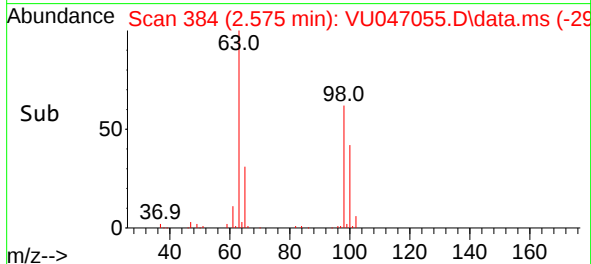
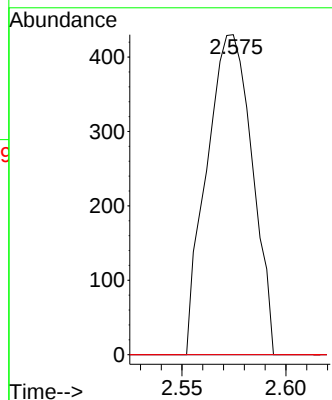
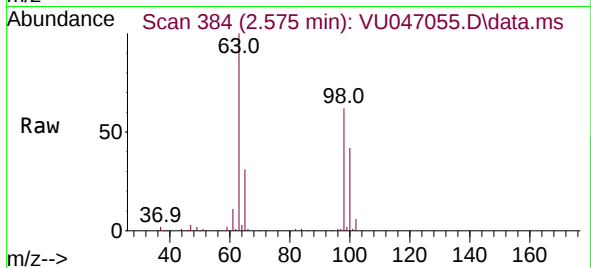




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.083 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU047055.D
 Acq: 04 Feb 2022 19:10

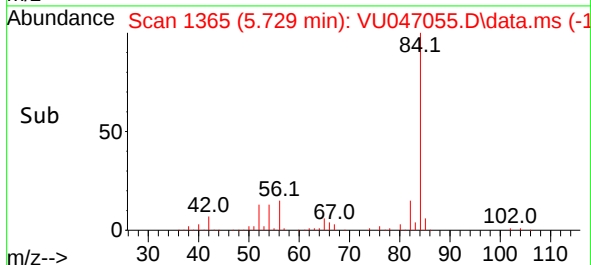
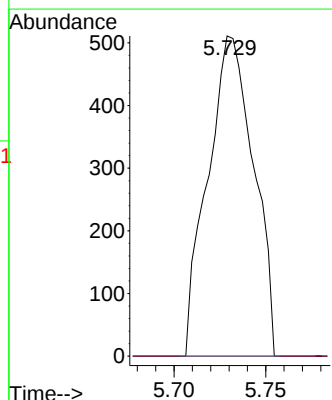
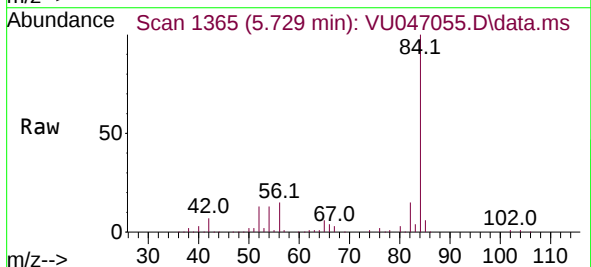
Instrument :
 MSVOA_U
 ClientSampleId :

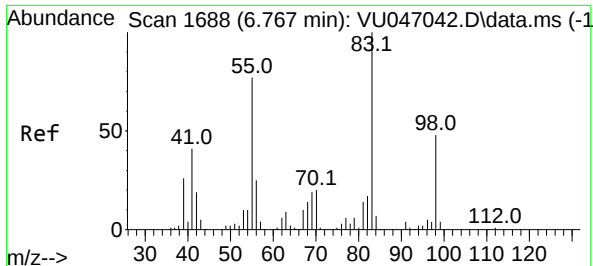
Tgt Ion:101 Resp: 655
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 57.2 85.8#



#27
 1,2-Dichloroethane
 Concen: 0.101 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.067 min
 Lab File: VU047055.D
 Acq: 04 Feb 2022 19:10

Tgt Ion: 62 Resp: 887
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.0 12.0#

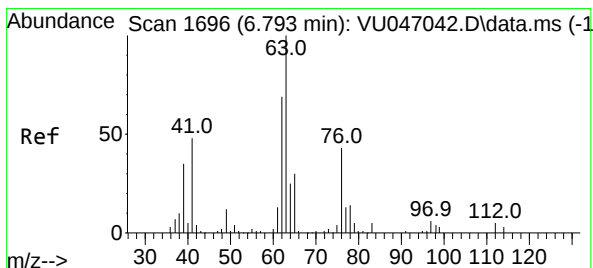
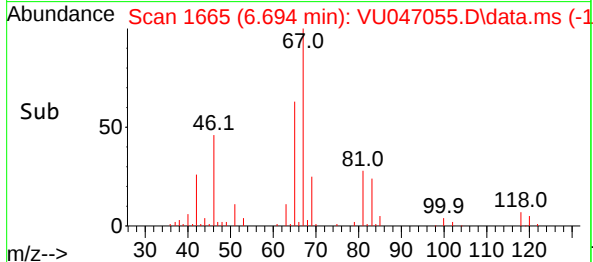
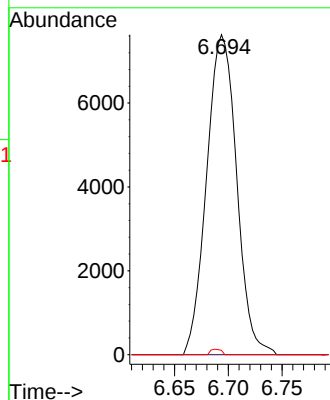
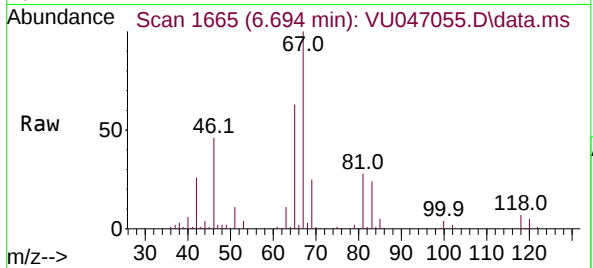




#35
Methylcyclohexane
Concen: 1.373 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047055.D
Acq: 04 Feb 2022 19:10

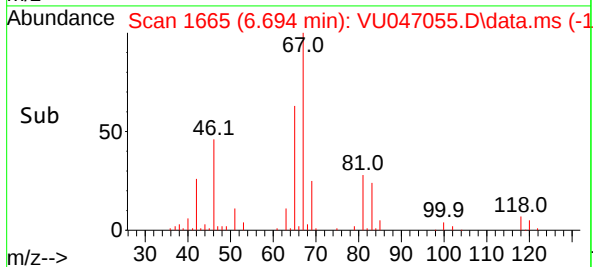
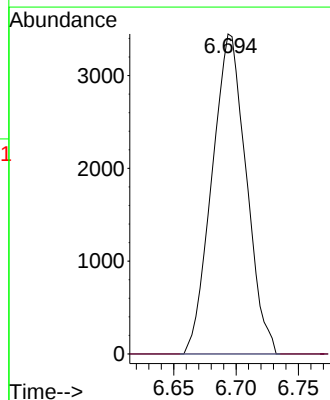
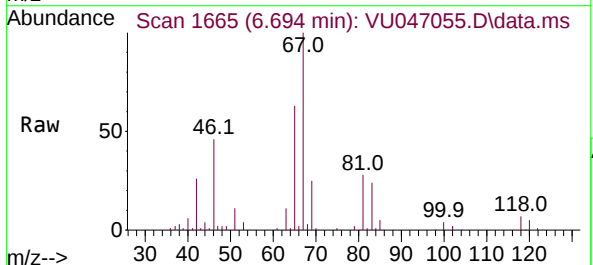
Instrument :
MSVOA_U
ClientSampleId :

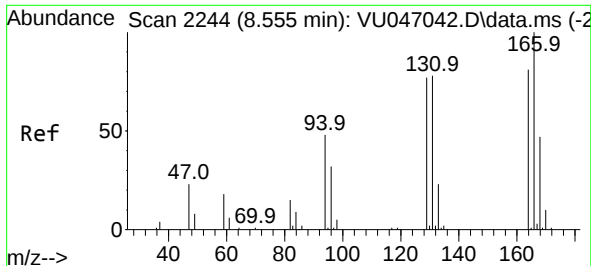
Tgt Ion: 83 Resp: 14803
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.6 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.811 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047055.D
Acq: 04 Feb 2022 19:10

Tgt Ion: 63 Resp: 6601
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#47

Tetrachloroethene

Concen: 2.531 ug/L

RT: 8.558 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047055.D

Acq: 04 Feb 2022 19:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 15280

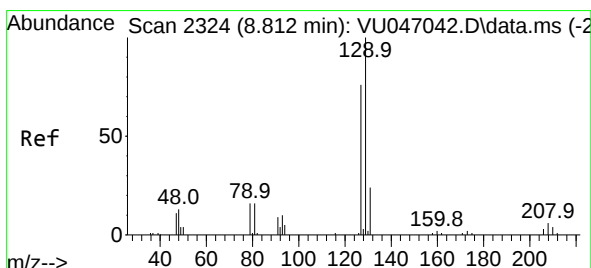
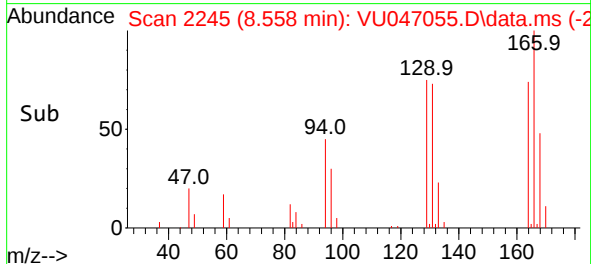
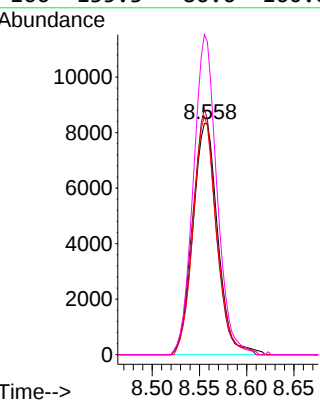
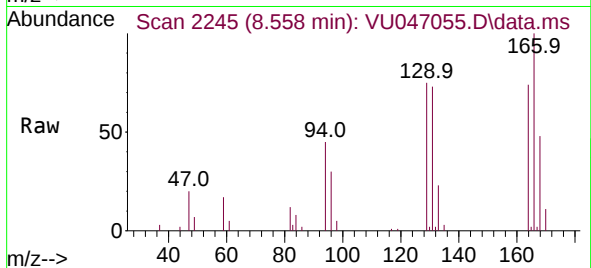
Ion Ratio Lower Upper

164 100

129 102.0 66.5 123.5

131 98.9 67.5 125.4

166 135.3 86.6 160.8



#49

Dibromochloromethane

Concen: 2.158 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047055.D

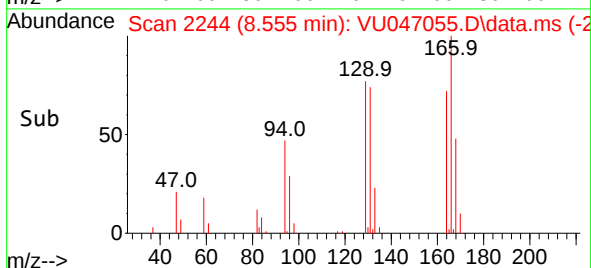
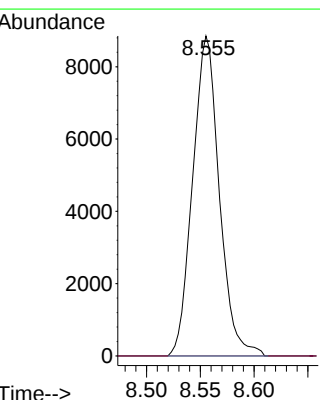
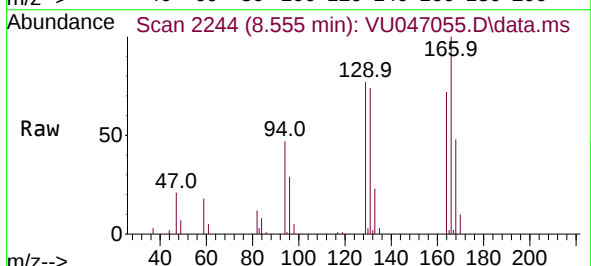
Acq: 04 Feb 2022 19:10

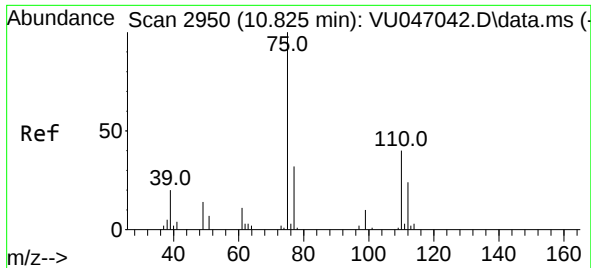
Tgt Ion:129 Resp: 15261

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#





#61

1,2,3-Trichloropropane

Concen: 1.256 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.984 min

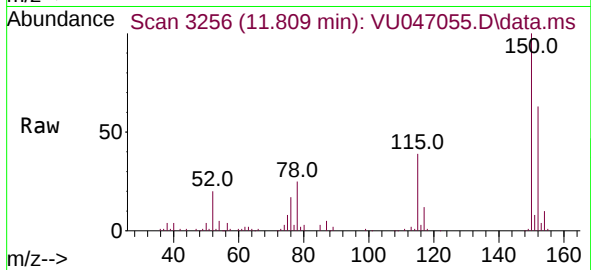
Lab File: VU047055.D

Acq: 04 Feb 2022 19:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	5673
Ion	Ratio	Lower	Upper
75	100		
110	0.8	31.7	47.5#
77	32.2	26.1	39.1

