

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047035.D
 Acq On : 03 Feb 2022 20:39
 Operator : SY/MD
 Sample : N1349-03DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

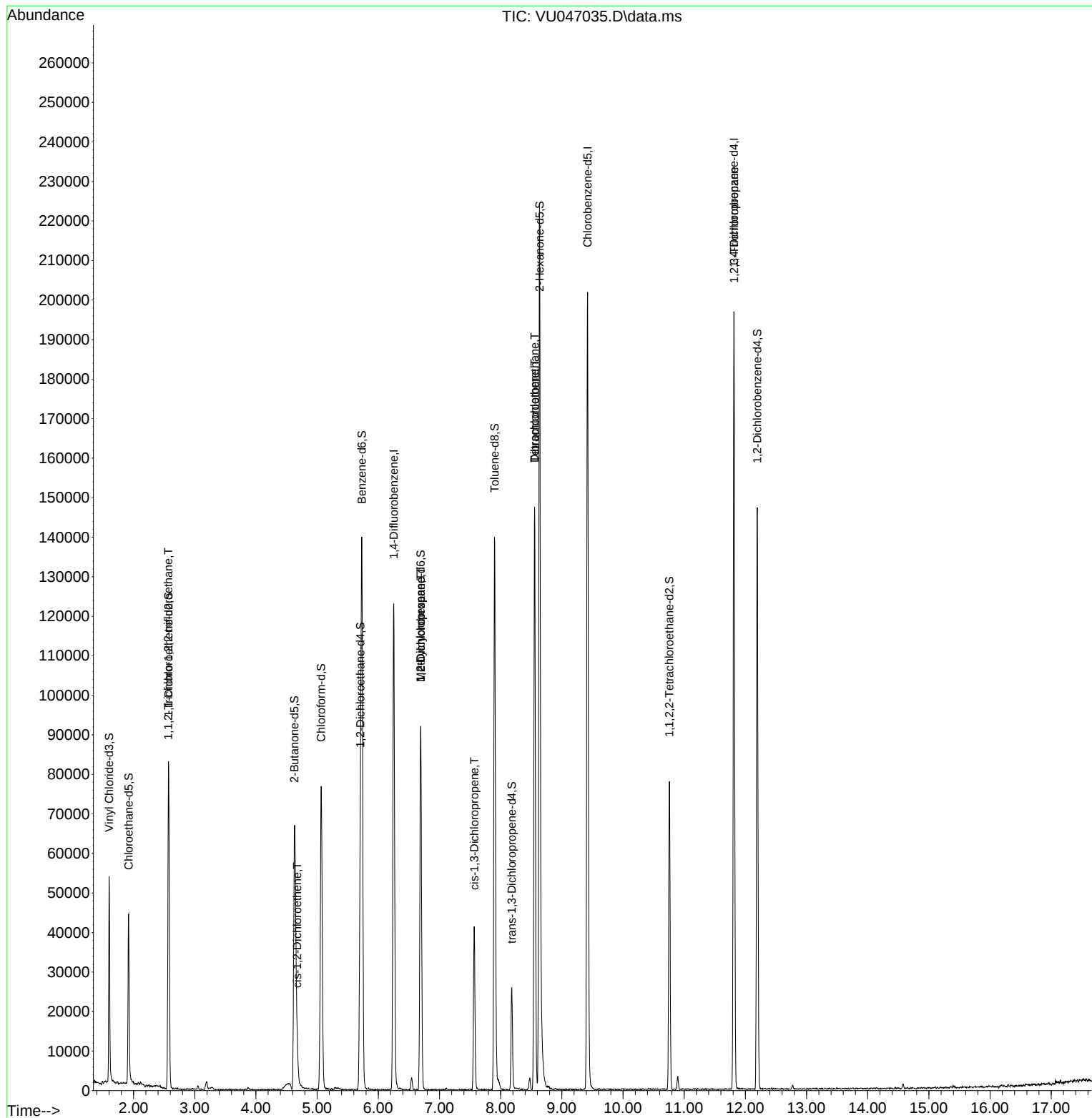
Quant Time: Feb 04 05:50:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

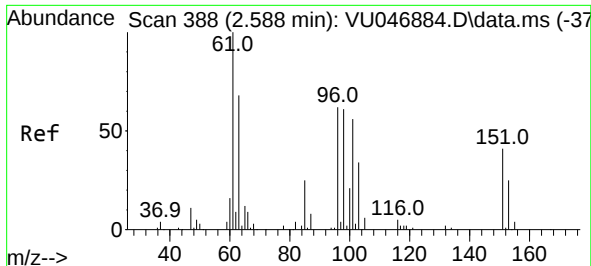
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38865	4.513	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.919	69	33235	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.572	65	15973	4.663	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.629	46	100331	39.330	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.660%	
24) Chloroform-d	5.067	84	71744	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.706	65	38574	4.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.732	84	134138	3.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	6.694	67	44071	4.098	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.899	98	100861	3.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.600%#	
43) trans-1,3-Dichloroprop...	8.182	79	15319	3.244	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.800%	
46) 2-Hexanone-d5	8.636	63	78203	27.965	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	55.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39440	3.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	40024	4.029	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	327	0.055	ug/L #	21
22) cis-1,2-Dichloroethene	4.674	96	2822	0.435	ug/L	96
35) Methylcyclohexane	6.694	83	10584	0.848	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4571	0.649	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	993	0.090	ug/L #	75
47) Tetrachloroethene	8.555	164	34125	5.632	ug/L	93
49) Dibromochloromethane	8.555	129	33011	4.673	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6252	1.393	ug/L #	67

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

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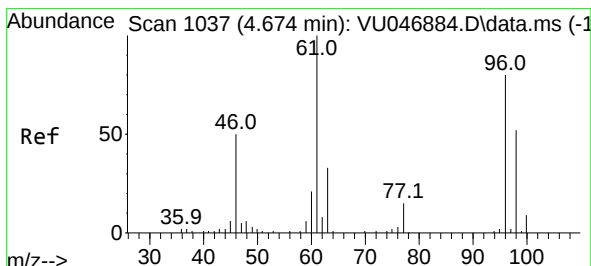
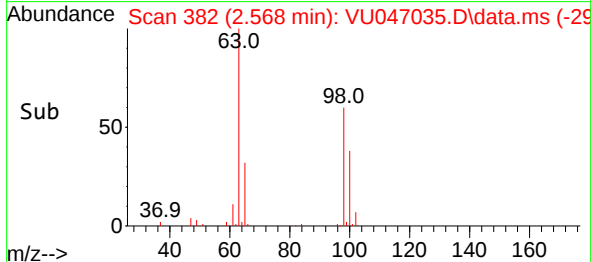
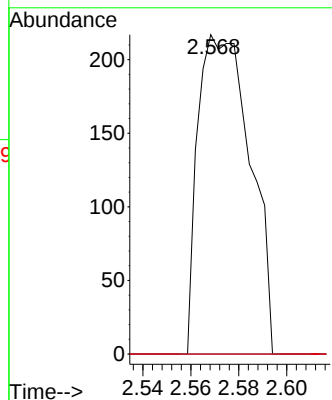
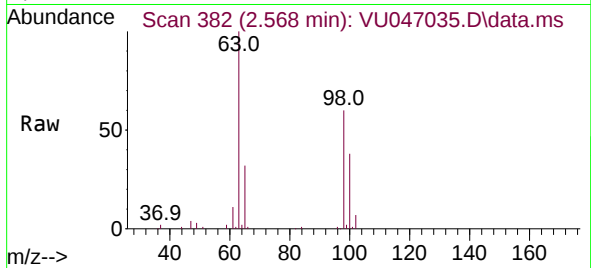




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.023 min
Lab File: VU047035.D
Acq: 03 Feb 2022 20:39

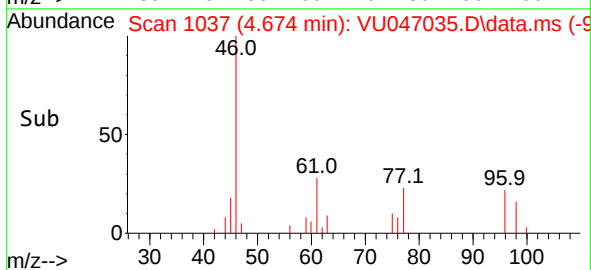
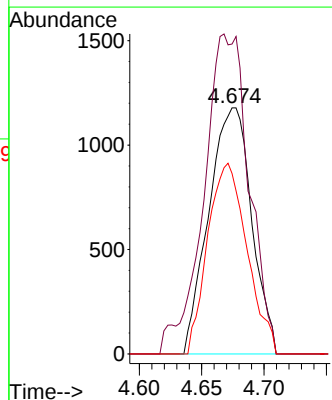
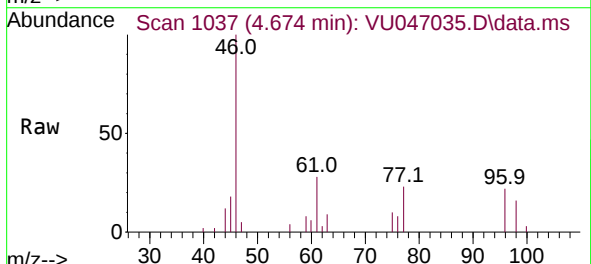
Instrument :
MSVOA_U
ClientSampleId :

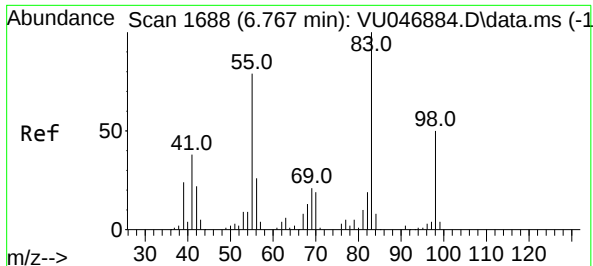
Tgt Ion:101 Resp: 327
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.435 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047035.D
Acq: 03 Feb 2022 20:39

Tgt Ion: 96 Resp: 2822
Ion Ratio Lower Upper
96 100
61 126.0 88.5 164.3
98 73.3 44.4 82.5

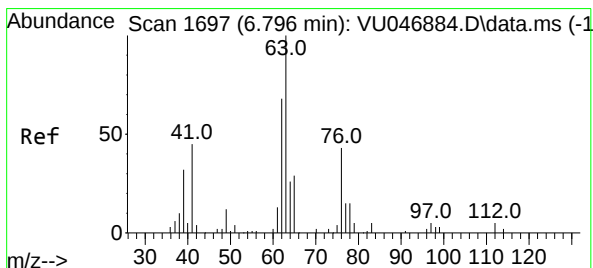
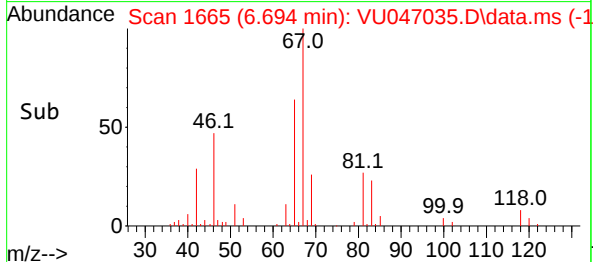
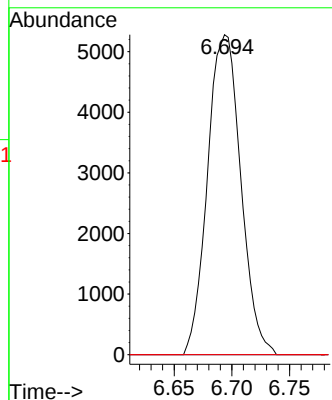
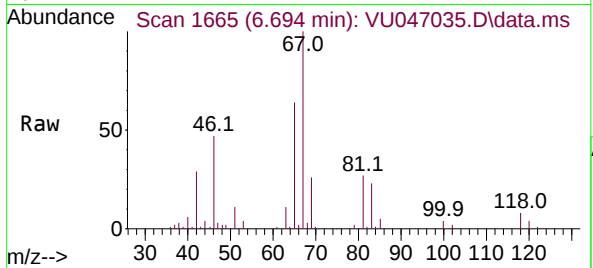




#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047035.D
Acq: 03 Feb 2022 20:39

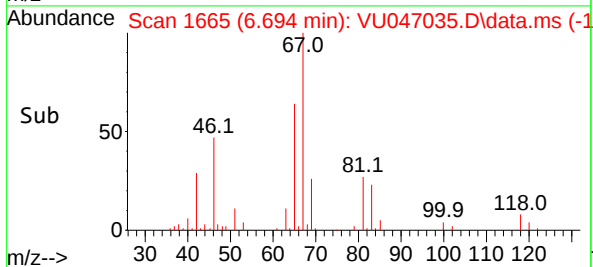
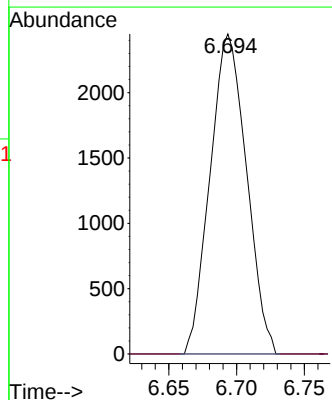
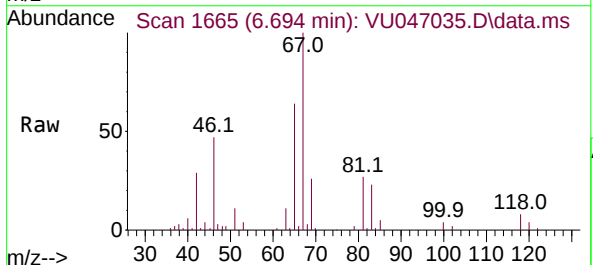
Instrument :
MSVOA_U
ClientSampleId :

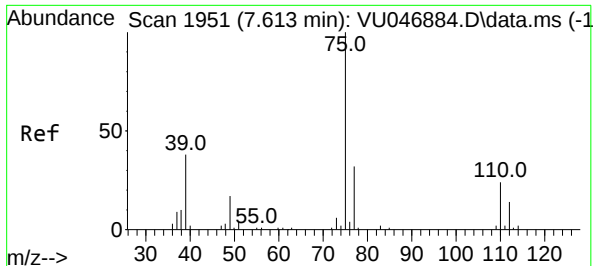
Tgt Ion: 83 Resp: 10584
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047035.D
Acq: 03 Feb 2022 20:39

Tgt Ion: 63 Resp: 4571
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.571 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU047035.D

Acq: 03 Feb 2022 20:39

Instrument :

MSVOA_U

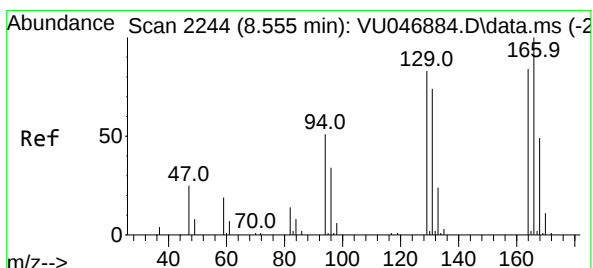
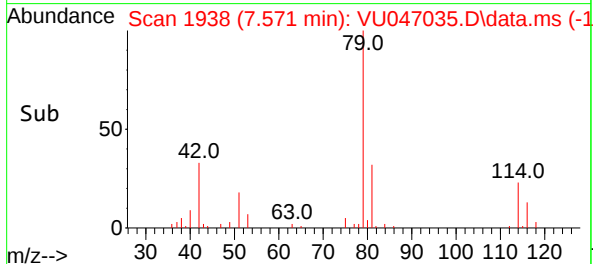
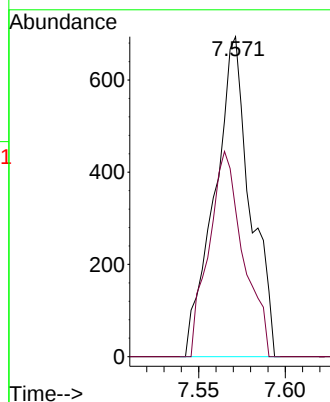
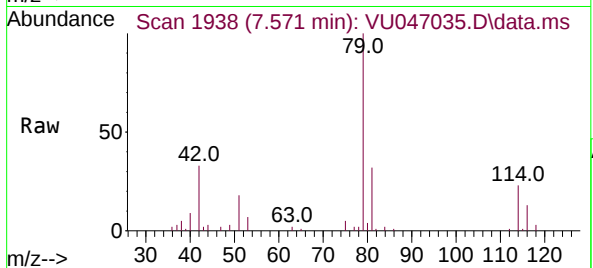
ClientSampleId :

Tgt Ion: 75 Resp: 993

Ion Ratio Lower Upper

75 100

77 46.0 22.5 41.9#



#47

Tetrachloroethene

Concen: 5.632 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047035.D

Acq: 03 Feb 2022 20:39

Tgt Ion:164 Resp: 34125

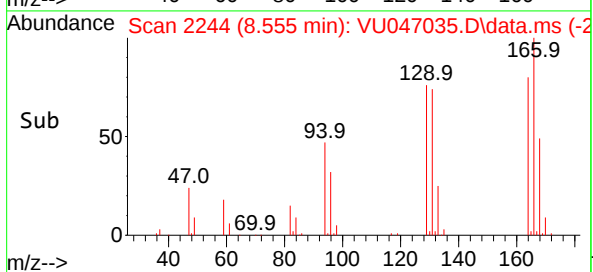
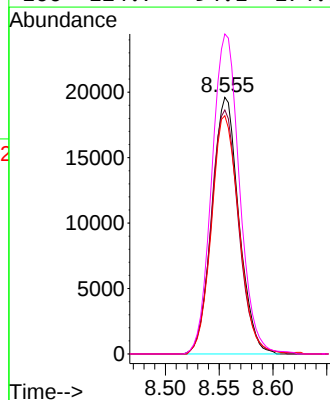
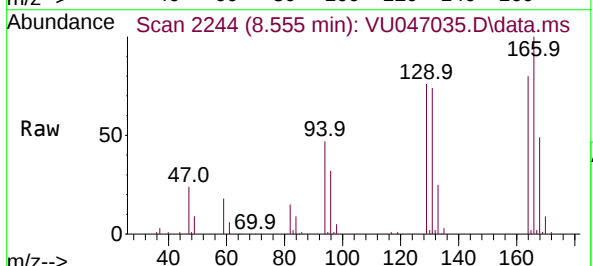
Ion Ratio Lower Upper

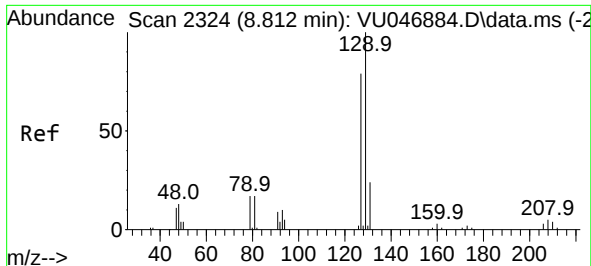
164 100

129 95.1 71.8 133.4

131 92.8 68.5 127.3

166 124.7 94.1 174.8





#49

Dibromochloromethane

Concen: 4.673 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047035.D

Acq: 03 Feb 2022 20:39

Instrument :

MSVOA_U

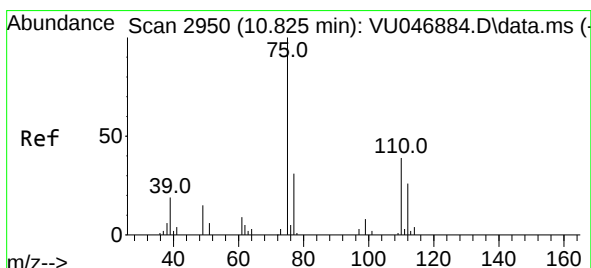
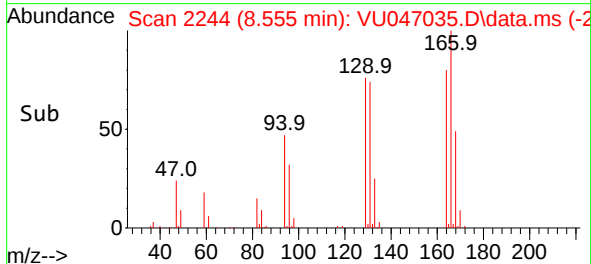
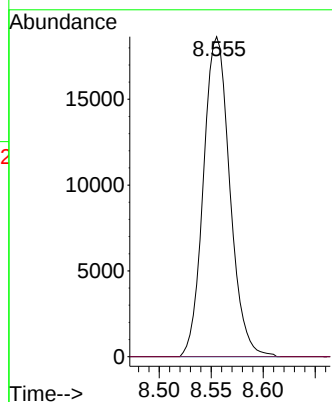
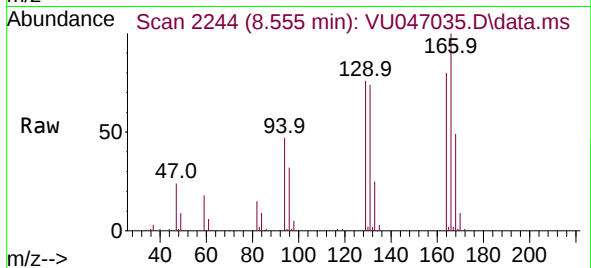
ClientSampleId :

Tgt Ion:129 Resp: 33011

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.393 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU047035.D

Acq: 03 Feb 2022 20:39

Tgt Ion: 75 Resp: 6252

Ion Ratio Lower Upper

75 100

110 0.7 29.9 44.9#

77 32.2 25.5 38.3

