

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046491.D
 Acq On : 19 Dec 2021 13:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:27:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

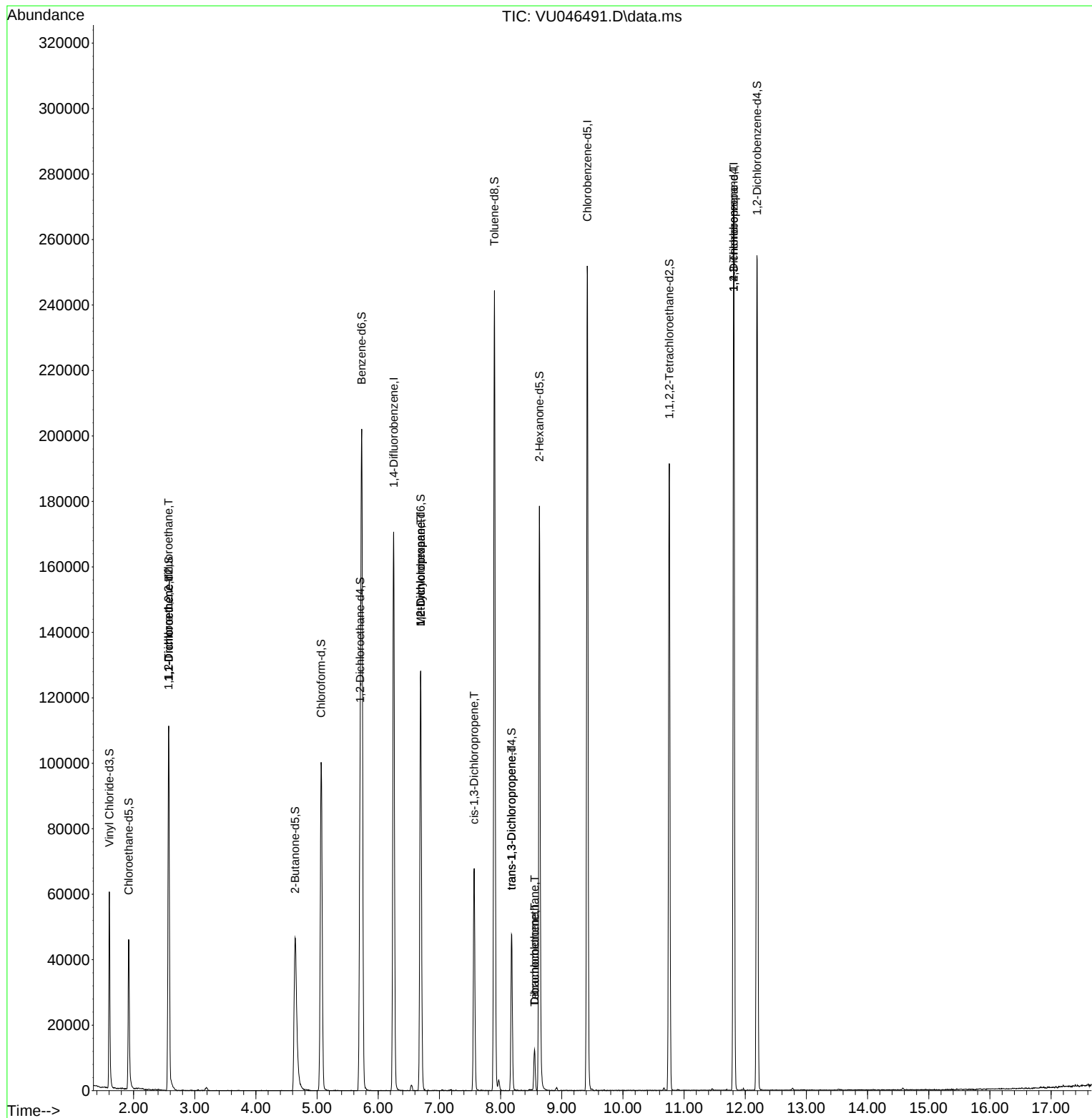
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	139315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46168	40.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.040%
7) Chloroethane-d5	1.919	69	38067	43.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.020%
11) 1,1-Dichloroethene-d2	2.575	63	66791	32.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.300%
21) 2-Butanone-d5	4.642	46	88288	97.466	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.470%
24) Chloroform-d	5.066	84	95332	50.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.703	65	65281	51.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.240%
32) Benzene-d6	5.729	84	186009	46.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.160%
36) 1,2-Dichloropropane-d6	6.693	67	59464	48.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.100%
41) Toluene-d8	7.899	98	158836	43.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.380%
43) trans-1,3-Dichloroprop...	8.179	79	27605	46.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.420%
47) 2-Hexanone-d5	8.635	63	65169	111.068	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.070%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90804	48.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	66007	48.770	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.540%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	457	0.454	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	418	0.437	ug/L #	1
35) Methylcyclohexane	6.693	83	14356	8.335	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6780	6.138	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1868	1.112	ug/L #	59
44) trans-1,3-Dichloropropene	8.179	75	1171	0.710	ug/L #	70
46) Tetrachloroethene	8.558	164	2870	3.516	ug/L	91
49) Dibromochloromethane	8.555	129	2559	2.199	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	8408	5.458	ug/L #	65

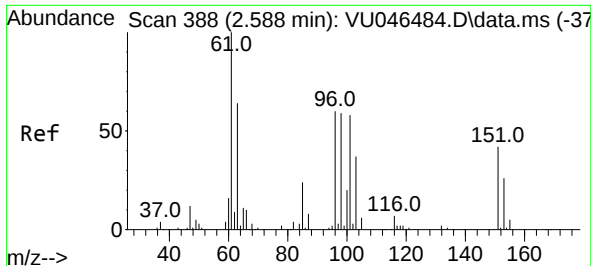
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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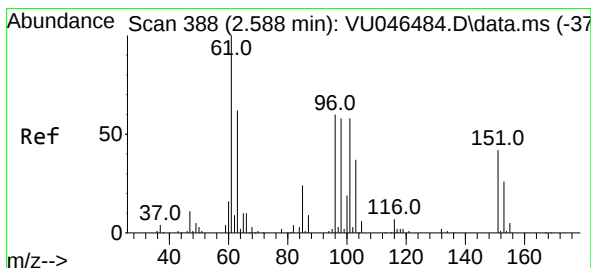
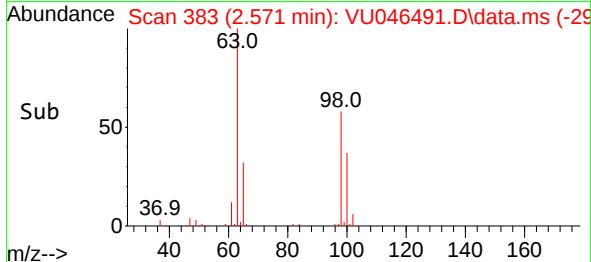
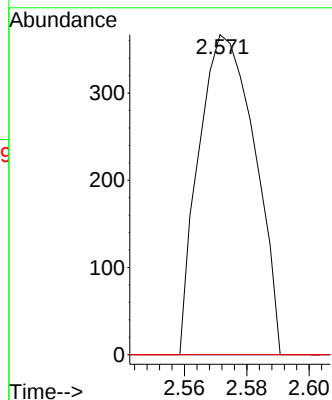
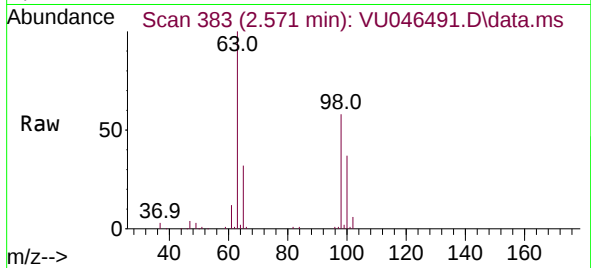




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.454 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046491.D
Acq: 19 Dec 2021 13:54

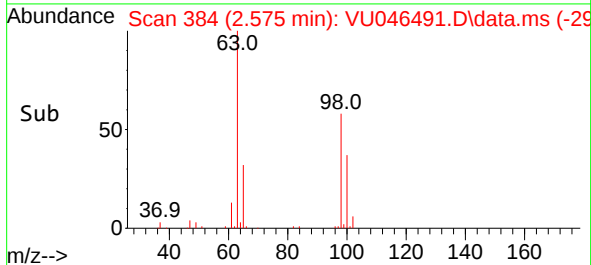
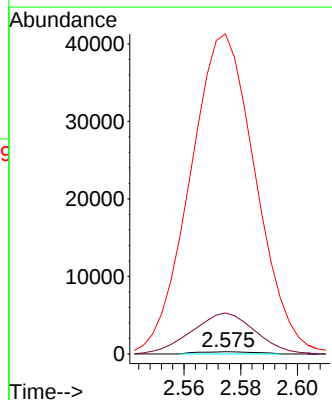
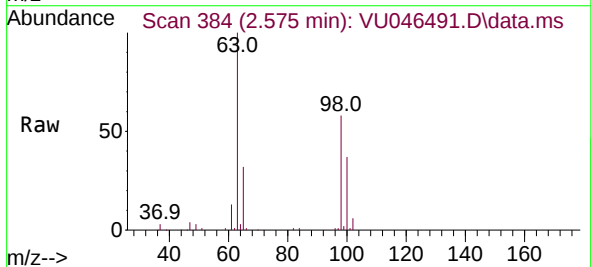
Instrument :
MSVOA_U
ClientSampleId :

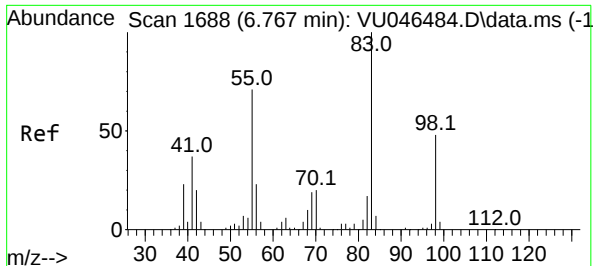
Tgt Ion:101 Resp: 457
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.437 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046491.D
Acq: 19 Dec 2021 13:54

Tgt Ion: 96 Resp: 418
Ion Ratio Lower Upper
96 100
61 1782.4 118.6 220.2#
63 13943.2 93.0 172.8#

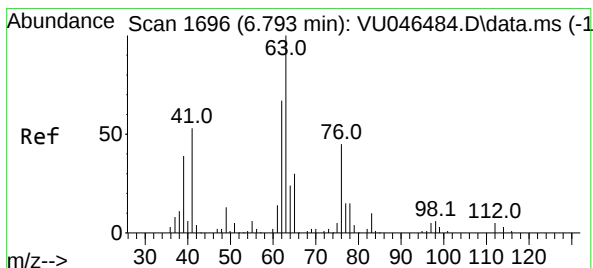
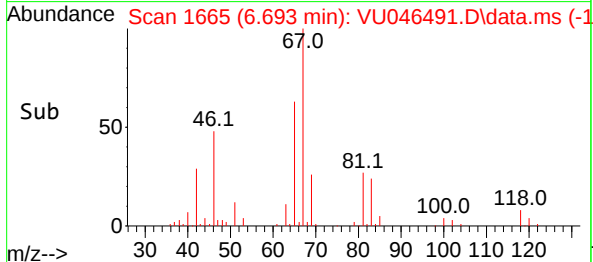
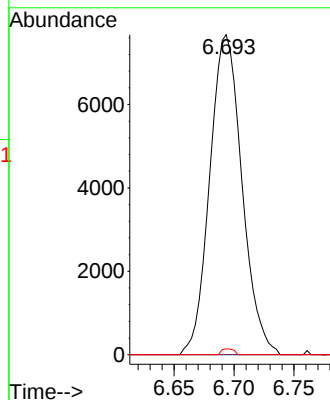
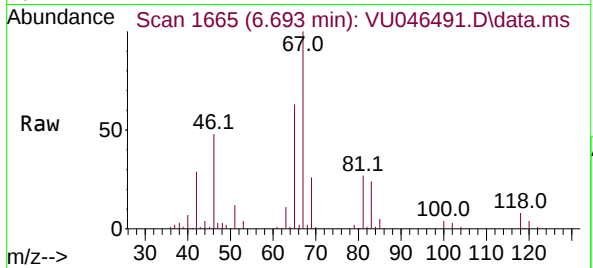




#35
Methylcyclohexane
Concen: 8.335 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046491.D
Acq: 19 Dec 2021 13:54

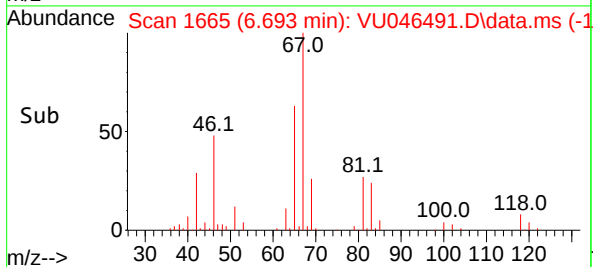
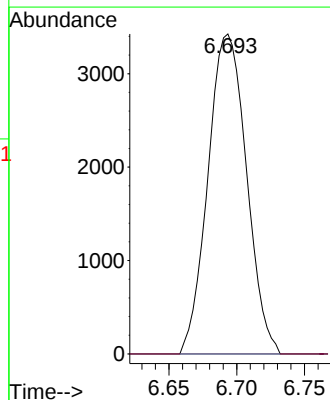
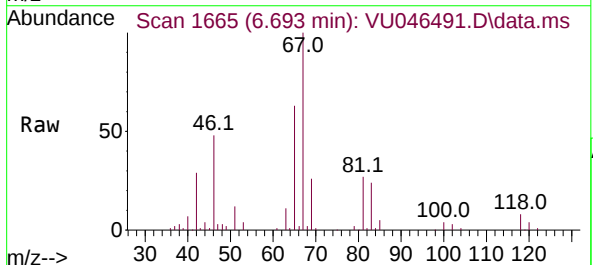
Instrument :
MSVOA_U
ClientSampleId :

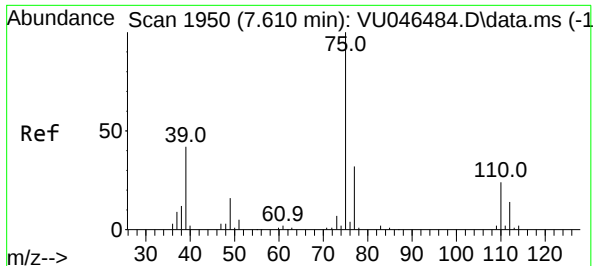
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.7	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 6.138 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046491.D
Acq: 19 Dec 2021 13:54

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.112 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046491.D

Acq: 19 Dec 2021 13:54

Instrument :

MSVOA_U

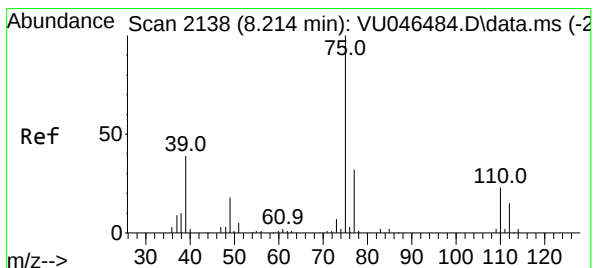
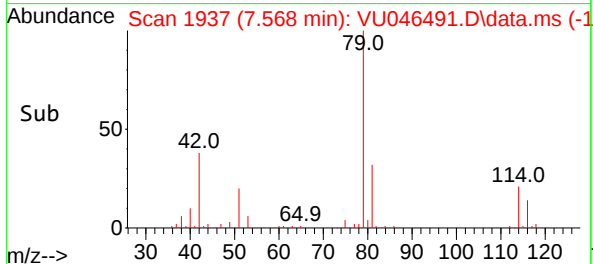
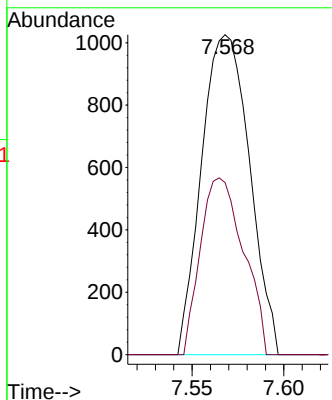
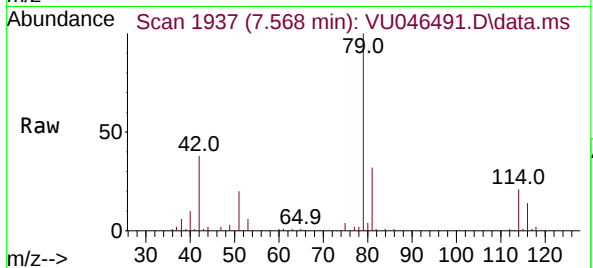
ClientSampleId :

Tgt Ion: 75 Resp: 1868

Ion Ratio Lower Upper

75 100

77 53.8 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046491.D

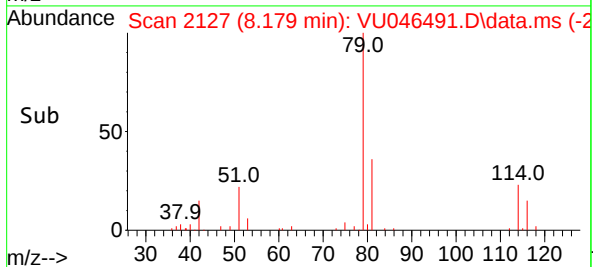
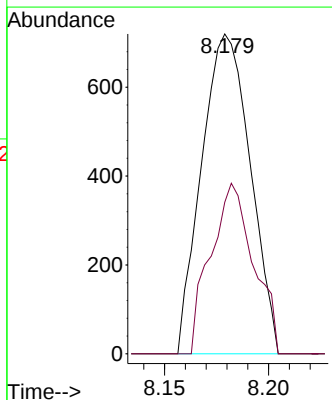
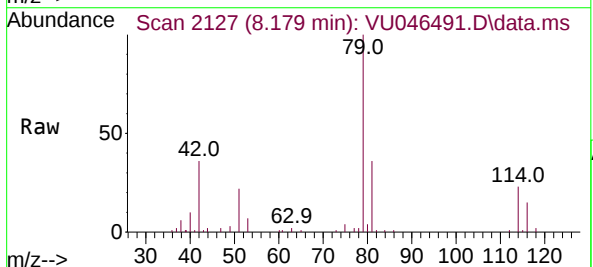
Acq: 19 Dec 2021 13:54

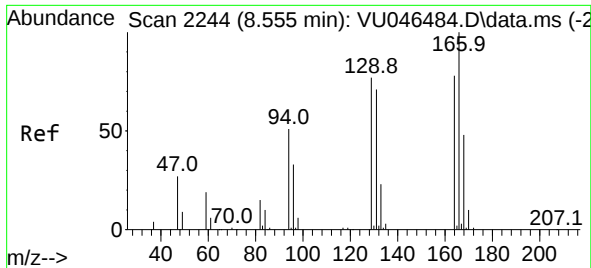
Tgt Ion: 75 Resp: 1171

Ion Ratio Lower Upper

75 100

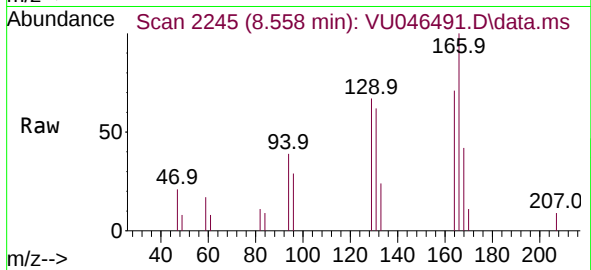
77 47.4 21.7 40.3#



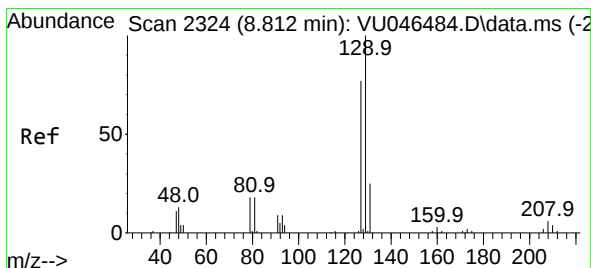
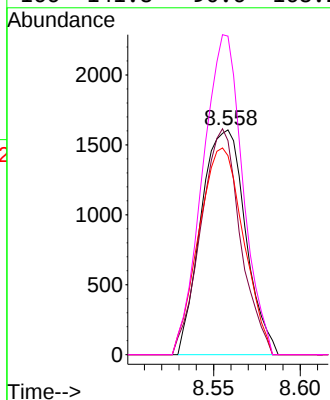
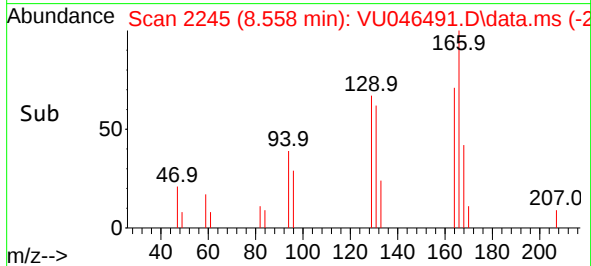


#46
Tetrachloroethene
Concen: 3.516 ug/L
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046491.D
Acq: 19 Dec 2021 13:54

Instrument :
MSVOA_U
ClientSampleId :

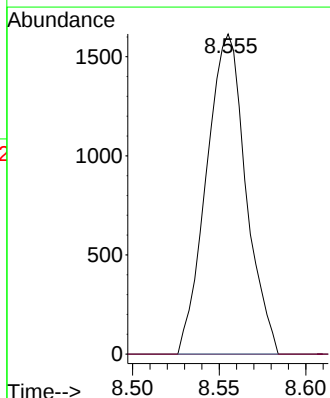
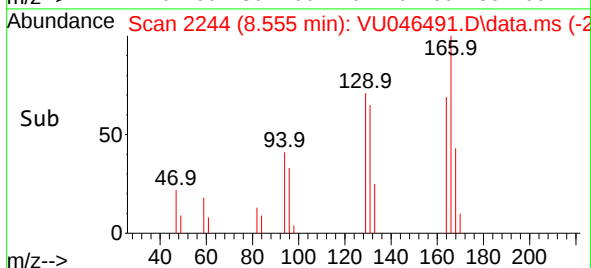
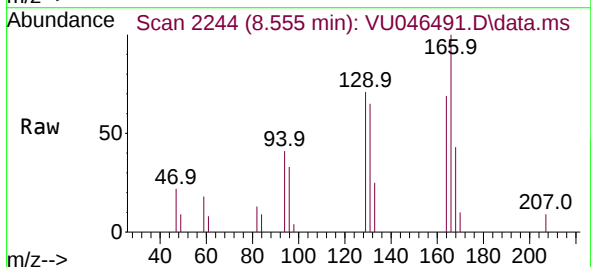


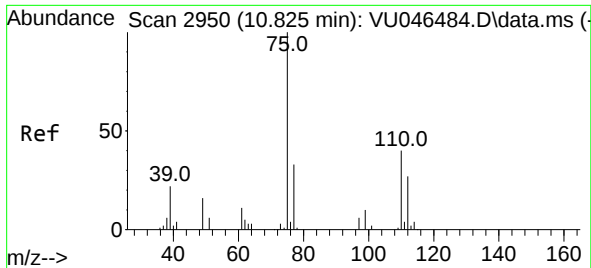
Tgt Ion:164 Resp: 2870
Ion Ratio Lower Upper
164 100
129 95.3 71.1 132.1
131 88.6 67.8 126.0
166 141.8 90.6 168.2



#49
Dibromochloromethane
Concen: 2.199 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046491.D
Acq: 19 Dec 2021 13:54

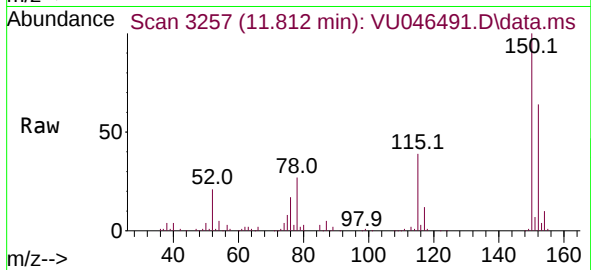
Tgt Ion:129 Resp: 2559
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.458 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046491.D
 Acq: 19 Dec 2021 13:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8408
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.4 39.6
 110 2.7 32.4 48.6#

