

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046471.D
 Acq On : 17 Dec 2021 14:55
 Operator : SY/MD
 Sample : M5037-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00X2

Quant Time: Dec 17 23:29:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

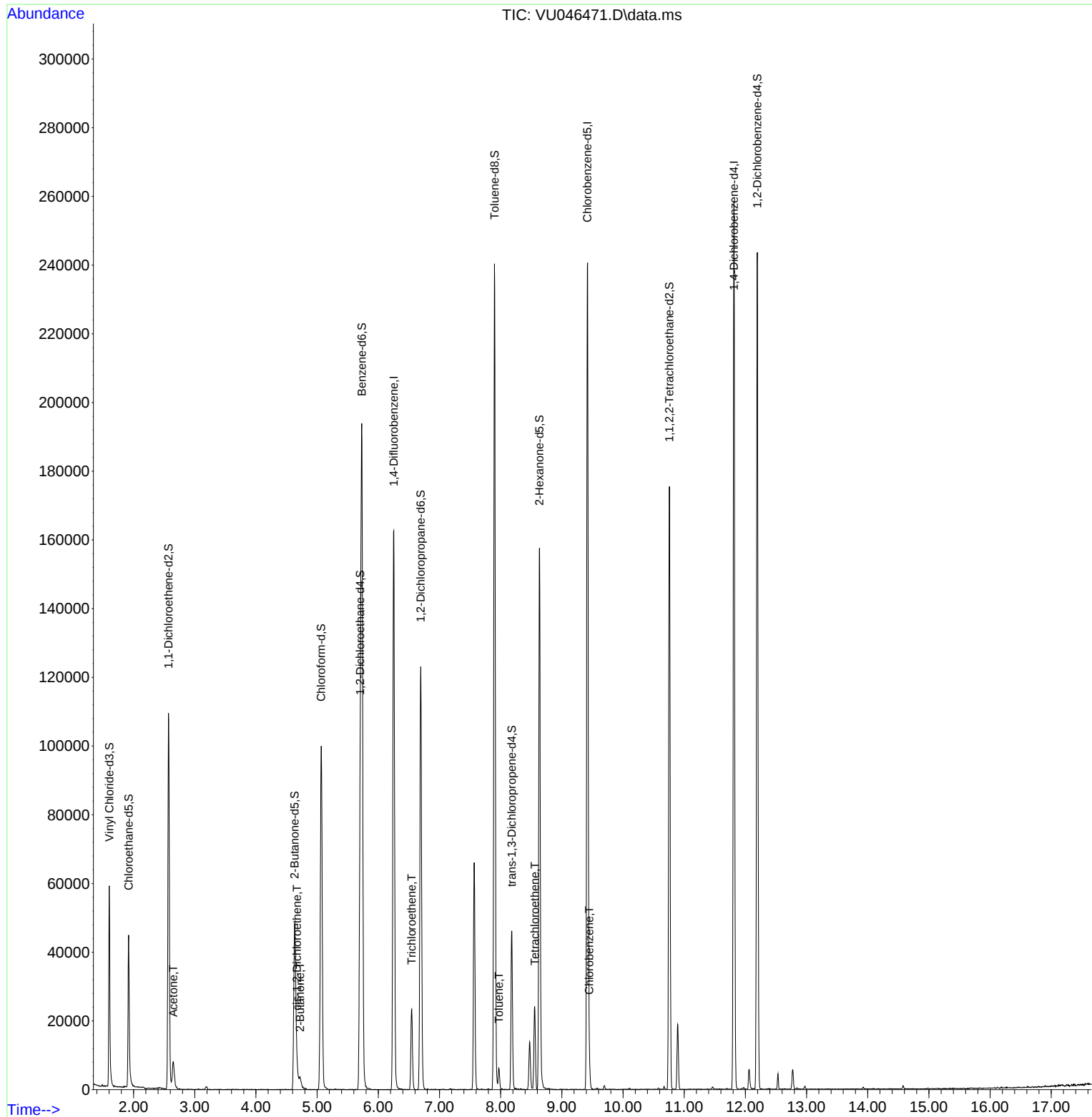
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	131985	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66897	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47131	43.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.700%
7) Chloroethane-d5	1.919	69	37623	45.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.572	63	66052	33.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.680%
21) 2-Butanone-d5	4.633	46	75864	87.776	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.780%
24) Chloroform-d	5.067	84	93379	51.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
26) 1,2-Dichloroethane-d4	5.703	65	63935	52.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.940%
32) Benzene-d6	5.732	84	181127	47.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	6.694	67	57106	47.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.780%
41) Toluene-d8	7.899	98	158542	45.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	8.182	79	27257	47.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.700%
47) 2-Hexanone-d5	8.632	63	57228	101.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85401	47.227	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	61870	48.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
13) Acetone	2.649	43	12205	11.299	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1026	0.979	ug/L	95
22) 2-Butanone	4.719	43	5277	4.488	ug/L	74
34) Trichloroethene	6.546	95	8496	7.938	ug/L	96
42) Toluene	7.970	91	4831	1.108	ug/L	93
46) Tetrachloroethene	8.559	164	5322	6.766	ug/L	99
51) Chlorobenzene	9.449	112	4214	1.494	ug/L	98

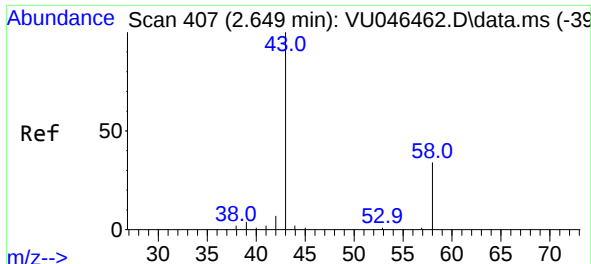
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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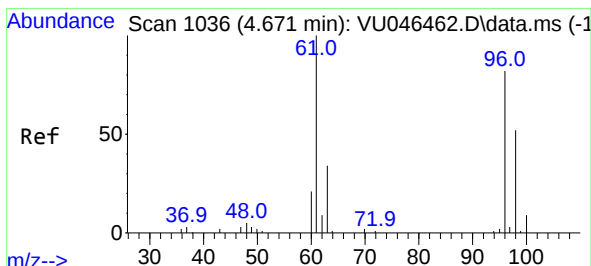
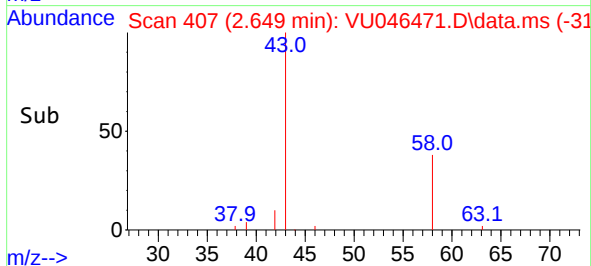
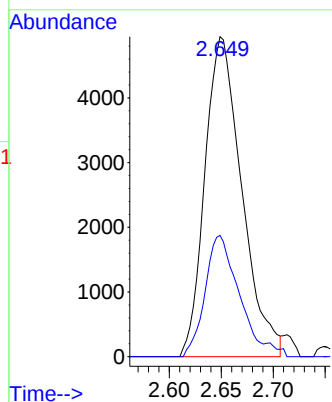
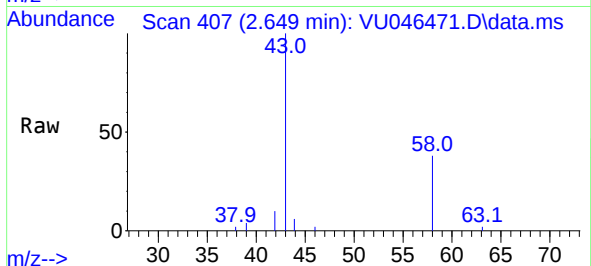




#13
Acetone
Concen: 11.299 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU046471.D
Acq: 17 Dec 2021 14:55

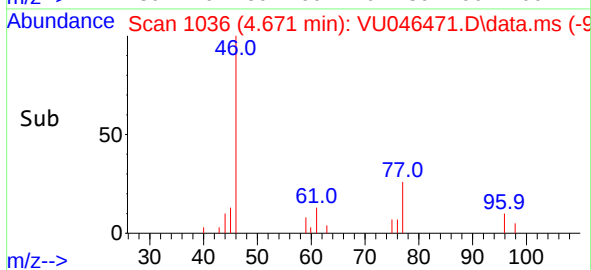
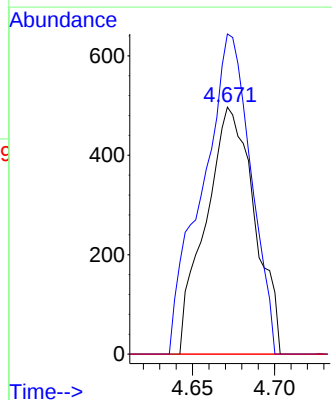
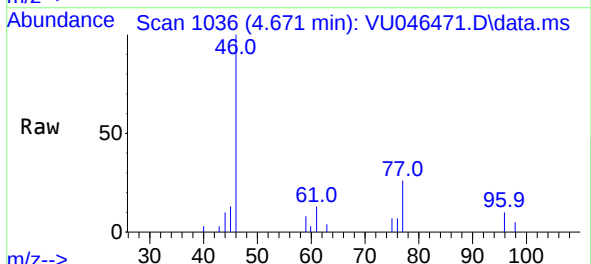
Instrument :
MSVOA_U
ClientSampleId :
C00X2

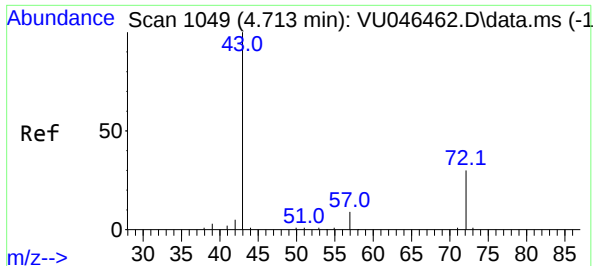
Tgt Ion: 43 Resp: 12205
Ion Ratio Lower Upper
43 100
58 33.9 0.0 66.8



#20
cis-1,2-Dichloroethene
Concen: 0.979 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046471.D
Acq: 17 Dec 2021 14:55

Tgt Ion: 96 Resp: 1026
Ion Ratio Lower Upper
96 100
61 129.6 86.8 161.2
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 4.488 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.007 min

Lab File: VU046471.D

Acq: 17 Dec 2021 14:55

Instrument :

MSVOA_U

ClientSampleId :

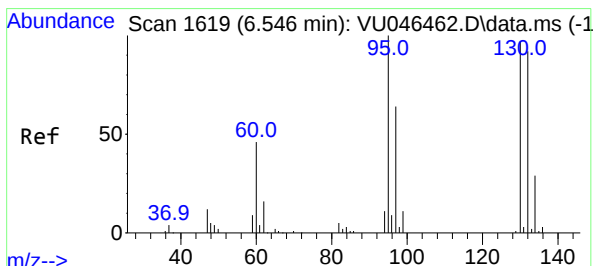
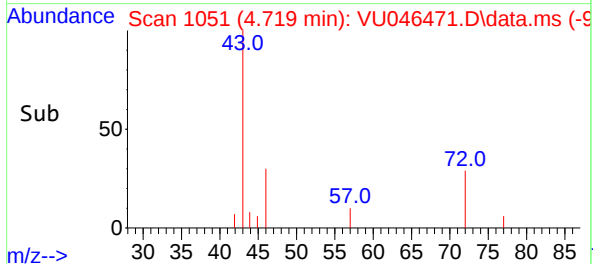
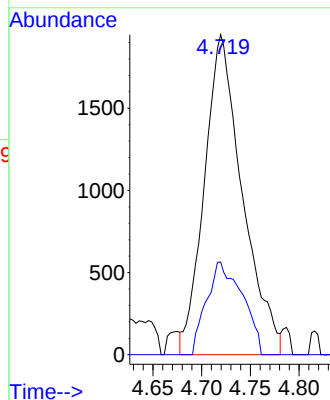
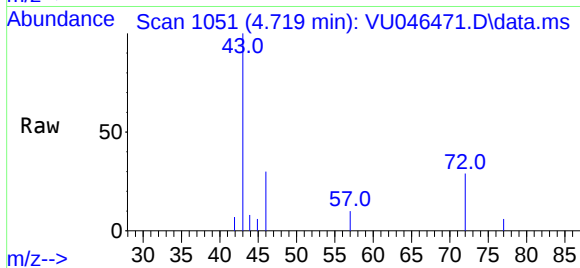
C00X2

Tgt Ion: 43 Resp: 5277

Ion Ratio Lower Upper

43 100

72 15.3 14.5 43.6



#34

Trichloroethene

Concen: 7.938 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046471.D

Acq: 17 Dec 2021 14:55

Tgt Ion: 95 Resp: 8496

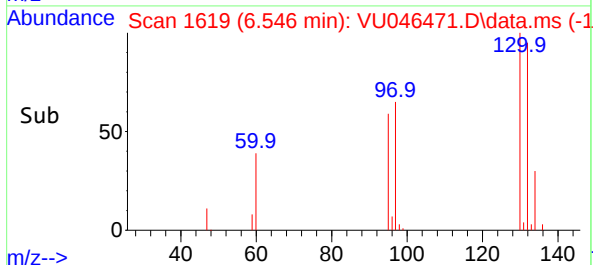
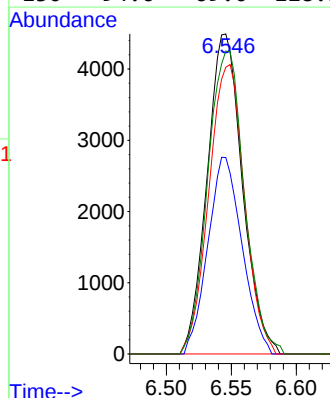
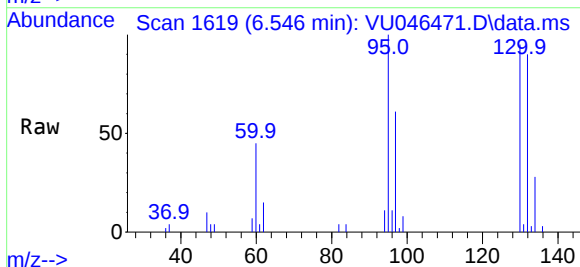
Ion Ratio Lower Upper

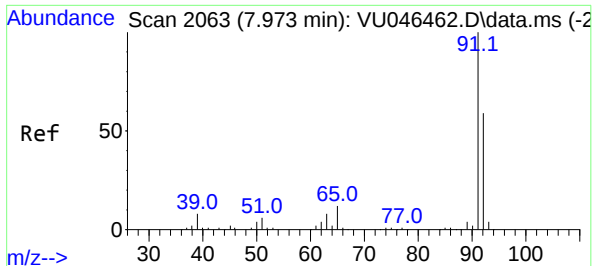
95 100

97 61.4 44.1 81.9

132 89.6 66.8 124.0

130 94.6 69.0 128.1

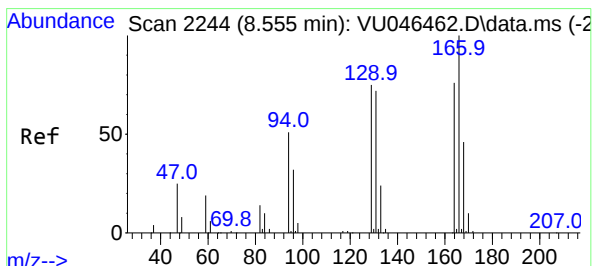
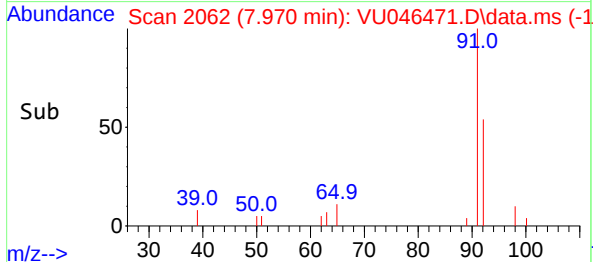
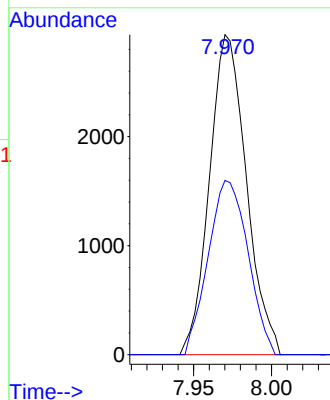
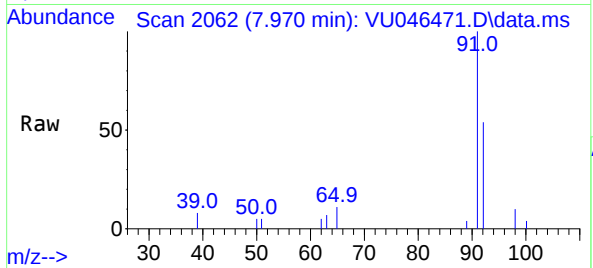




#42
Toluene
Concen: 1.108 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046471.D
Acq: 17 Dec 2021 14:55

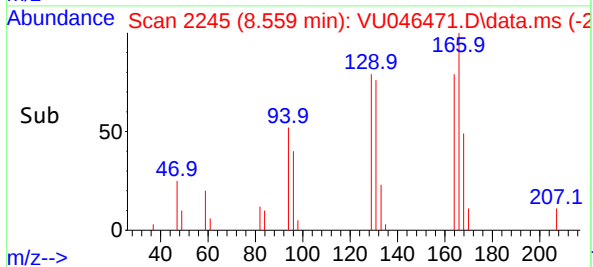
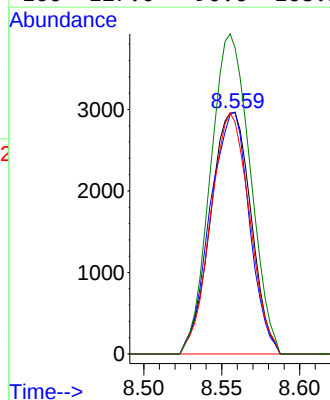
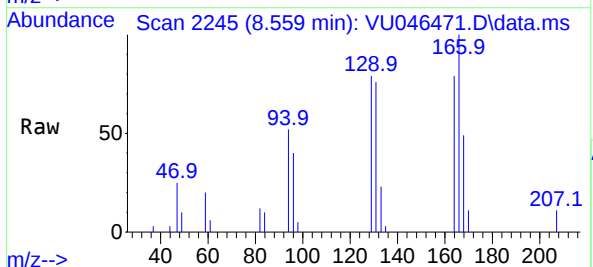
Instrument :
MSVOA_U
ClientSampleId :
C00X2

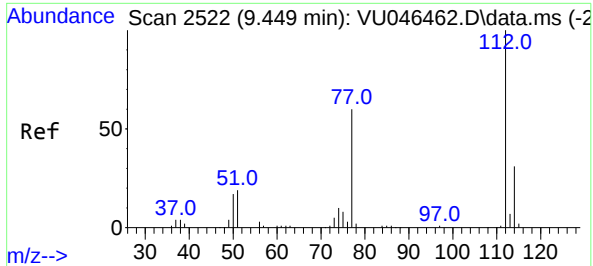
Tgt Ion: 91 Resp: 4831
Ion Ratio Lower Upper
91 100
92 54.4 41.9 77.7



#46
Tetrachloroethene
Concen: 6.766 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046471.D
Acq: 17 Dec 2021 14:55

Tgt Ion: 164 Resp: 5322
Ion Ratio Lower Upper
164 100
129 100.3 71.1 132.1
131 96.1 67.8 126.0
166 127.0 90.6 168.2





#51
 Chlorobenzene
 Concen: 1.494 ug/L
 RT: 9.449 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046471.D
 Acq: 17 Dec 2021 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C00X2

Tgt Ion:	112	Resp:	4214
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	56.6	47.4	71.0

