

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046475.D
 Acq On : 17 Dec 2021 16:26
 Operator : SY/MD
 Sample : M5066-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW142

Quant Time: Dec 17 23:29:57 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)

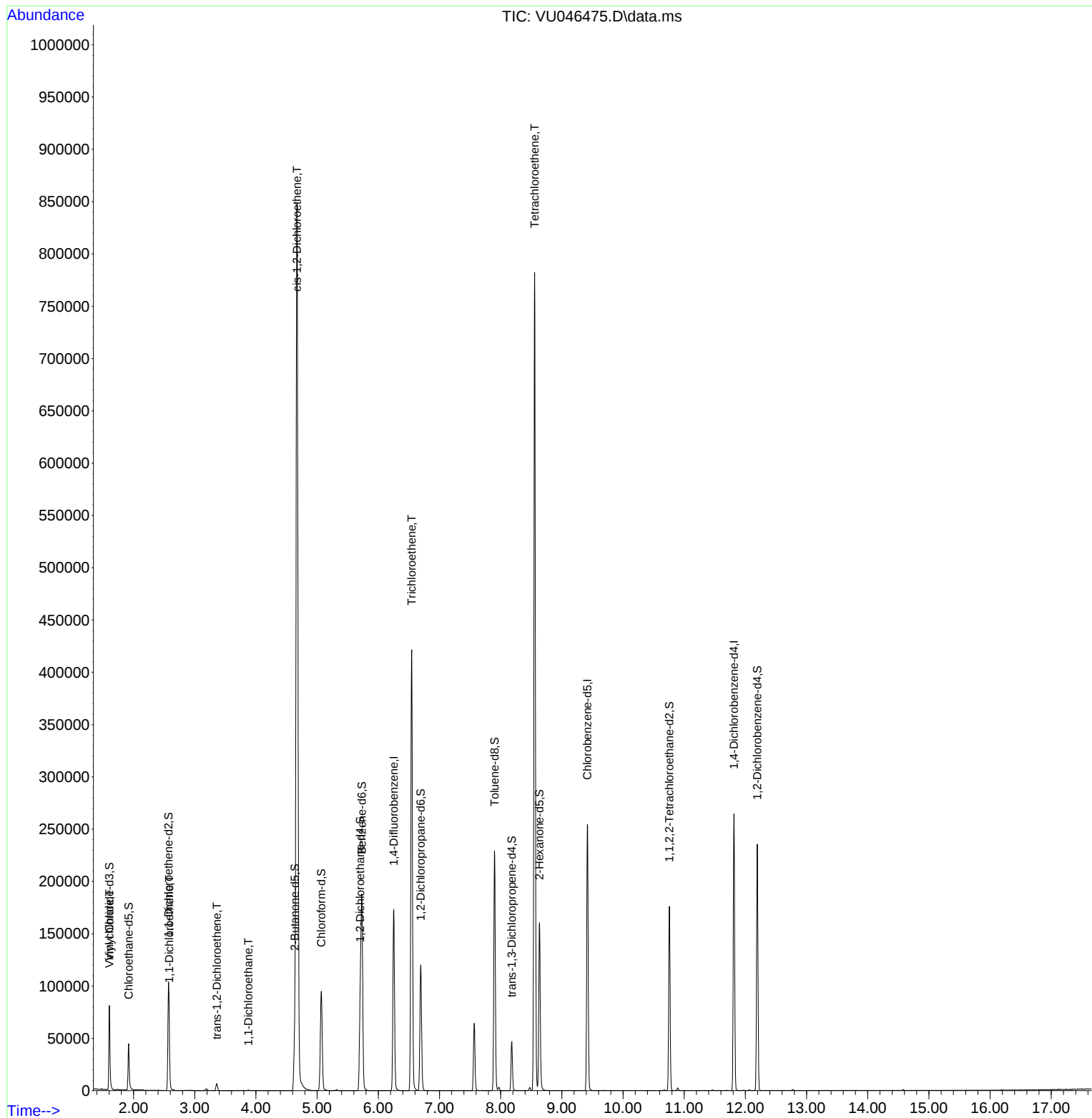
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139181	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	139654	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69508	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45109	39.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.680%
7) Chloroethane-d5	1.919	69	36259	41.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.380%
11) 1,1-Dichloroethene-d2	2.572	63	62186	30.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.420%
21) 2-Butanone-d5	4.636	46	76395	83.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.820%
24) Chloroform-d	5.070	84	91070	47.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
26) 1,2-Dichloroethane-d4	5.703	65	61255	47.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.340%
32) Benzene-d6	5.732	84	174963	43.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
36) 1,2-Dichloropropane-d6	6.694	67	56223	45.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.640%
41) Toluene-d8	7.899	98	150623	41.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.660%
43) trans-1,3-Dichloroprop...	8.182	79	26626	44.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.920%
47) 2-Hexanone-d5	8.632	63	57773	98.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84070	44.687	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	59966	44.798	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	20055	14.685	ug/L	94
12) 1,1-Dichloroethene	2.584	96	2028	2.107	ug/L #	1
17) trans-1,2-Dichloroethene	3.363	96	3028	2.973	ug/L	83
19) 1,1-Dichloroethane	3.877	63	982	0.530	ug/L #	88
20) cis-1,2-Dichloroethene	4.671	96	445337	403.000	ug/L	99
34) Trichloroethene	6.546	95	144422	129.699	ug/L	98
46) Tetrachloroethene	8.555	164	167995	205.298	ug/L	98

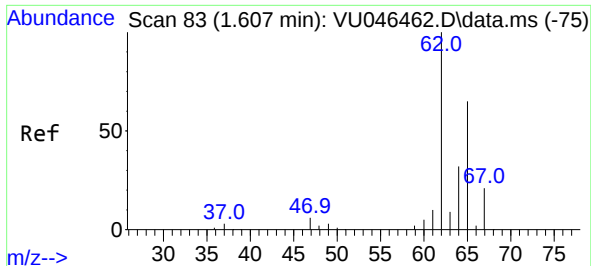
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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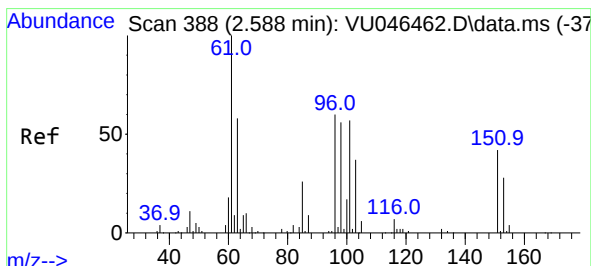
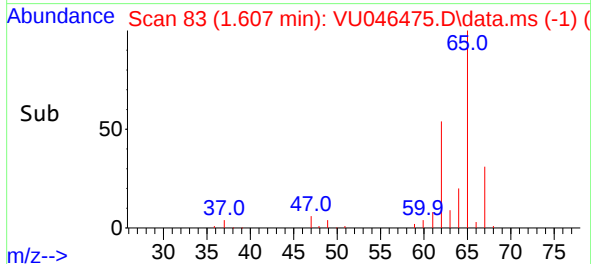
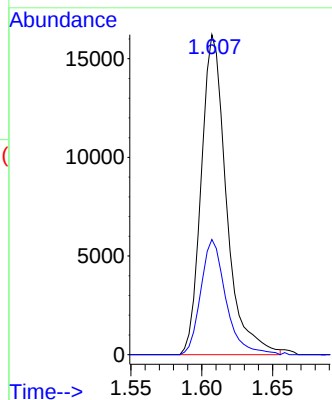
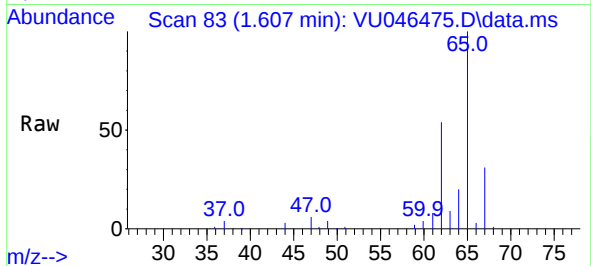




#5
Vinyl chloride
Concen: 14.685 ug/L
RT: 1.607 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU046475.D
Acq: 17 Dec 2021 16:26

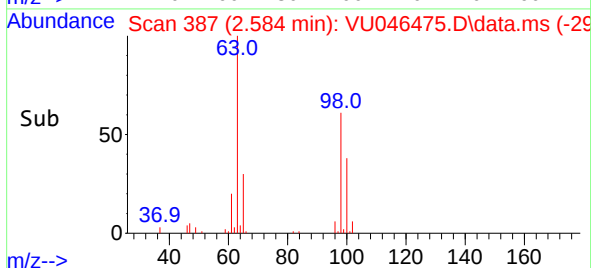
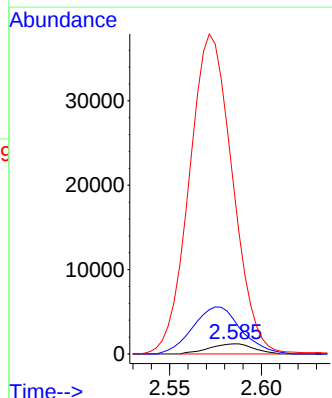
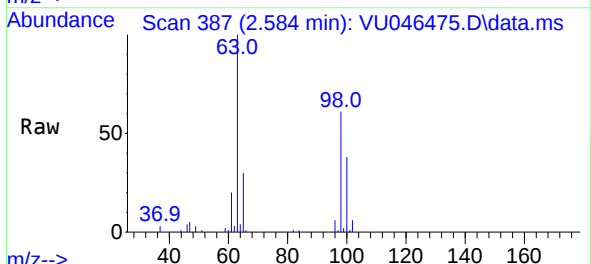
Instrument :
MSVOA_U
ClientSampleId :
EW142

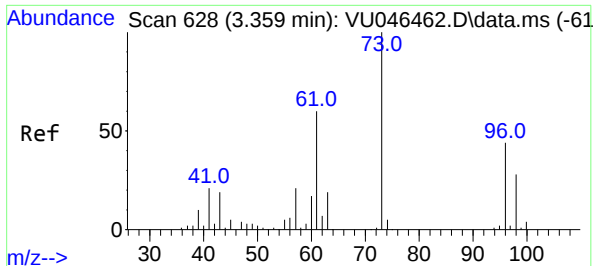
Tgt Ion: 62 Resp: 20055
Ion Ratio Lower Upper
62 100
64 36.0 22.9 42.5



#12
1,1-Dichloroethene
Concen: 2.107 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046475.D
Acq: 17 Dec 2021 16:26

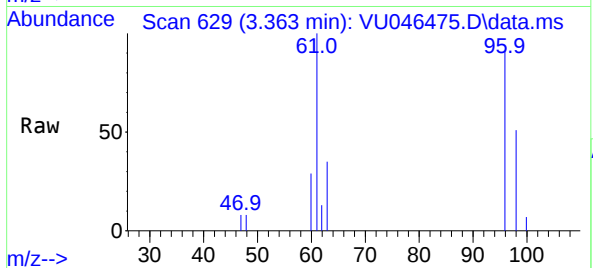
Tgt Ion: 96 Resp: 2028
Ion Ratio Lower Upper
96 100
61 349.9 118.6 220.2#
63 1713.3 93.0 172.8#





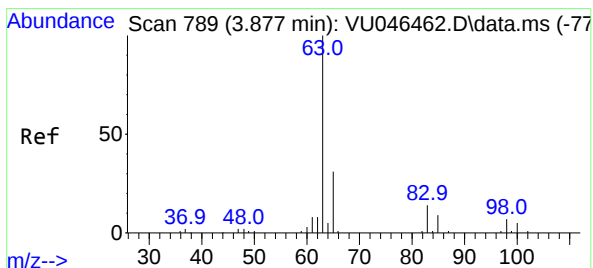
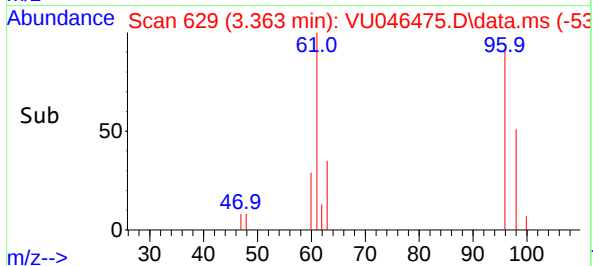
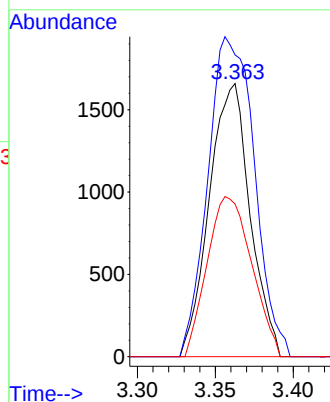
#17
trans-1,2-Dichloroethene
Concen: 2.973 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046475.D
Acq: 17 Dec 2021 16:26

Instrument :
MSVOA_U
ClientSampleId :
EW142



Tgt Ion: 96 Resp: 3028

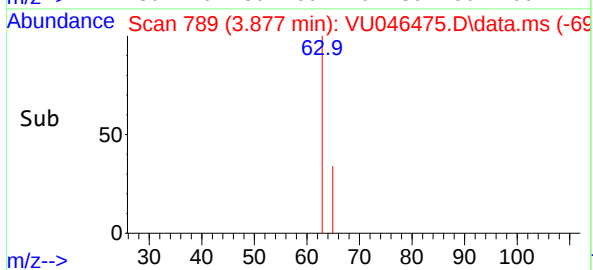
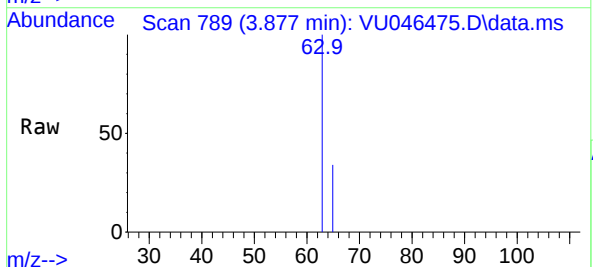
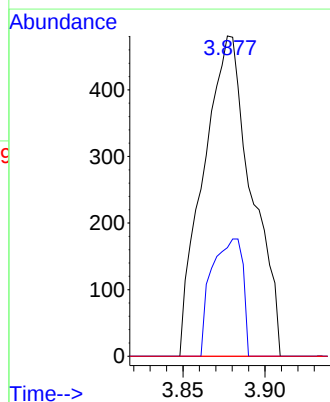
Ion	Ratio	Lower	Upper
96	100		
61	110.5	94.6	175.6
98	55.9	44.0	81.8

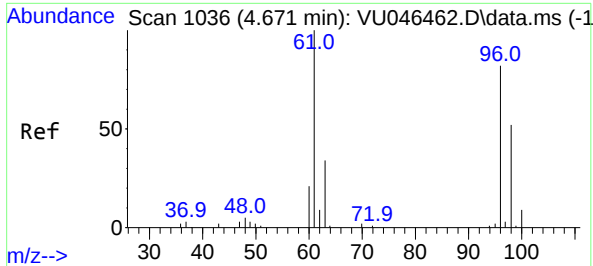


#19
1,1-Dichloroethane
Concen: 0.530 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046475.D
Acq: 17 Dec 2021 16:26

Tgt Ion: 63 Resp: 982

Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.8	42.4
83	0.0	9.6	17.8

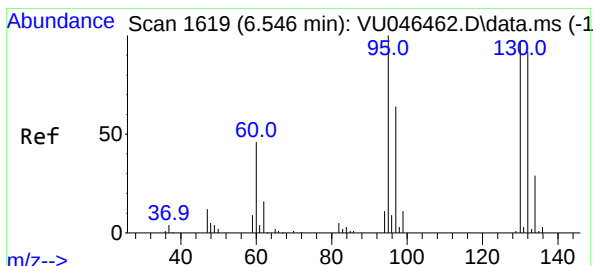
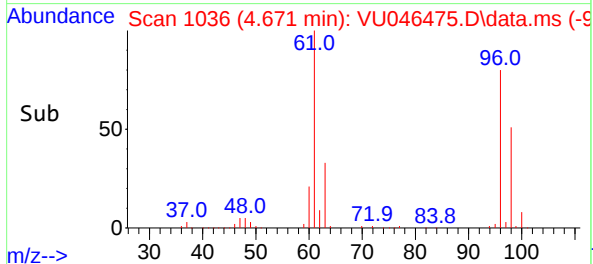
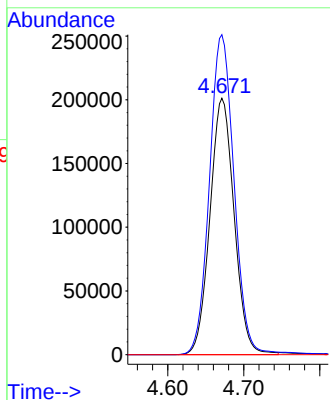
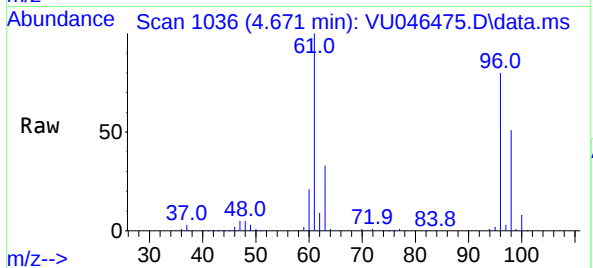




#20
cis-1,2-Dichloroethene
Concen: 403.000 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046475.D
Acq: 17 Dec 2021 16:26

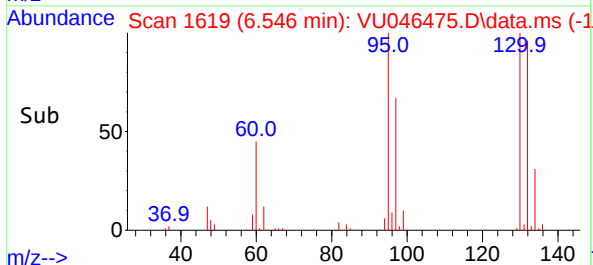
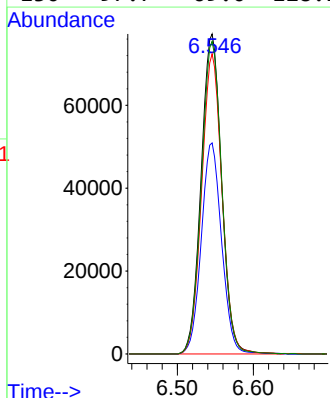
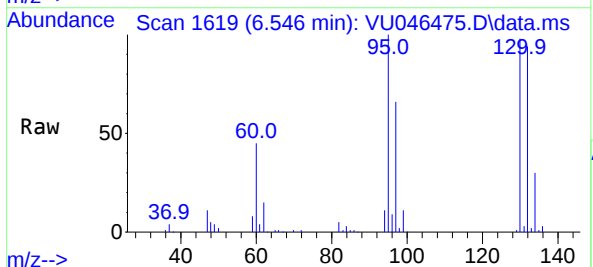
Instrument :
MSVOA_U
ClientSampleId :
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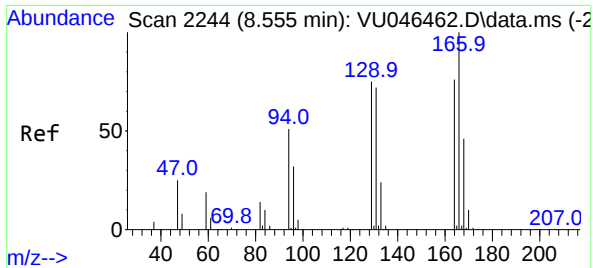
Tgt Ion: 96 Resp: 445337
Ion Ratio Lower Upper
96 100
61 124.7 86.8 161.2
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 129.699 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046475.D
Acq: 17 Dec 2021 16:26

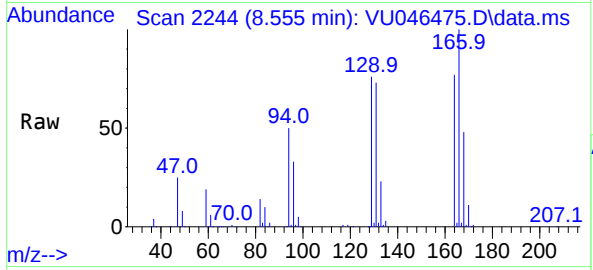
Tgt Ion: 95 Resp: 144422
Ion Ratio Lower Upper
95 100
97 65.9 44.1 81.9
132 93.7 66.8 124.0
130 97.7 69.0 128.1





#46
 Tetrachloroethene
 Concen: 205.298 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046475.D
 Acq: 17 Dec 2021 16:26

Instrument :
 MSVOA_U
 ClientSampleId :
 EW142



Tgt Ion:164 Resp: 167995

Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.1	132.1
131	95.0	67.8	126.0
166	129.8	90.6	168.2

