

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047688.D
 Acq On : 25 Mar 2022 21:26
 Operator : SY/MD
 Sample : N2082-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW605

Quant Time: Mar 26 04:23:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

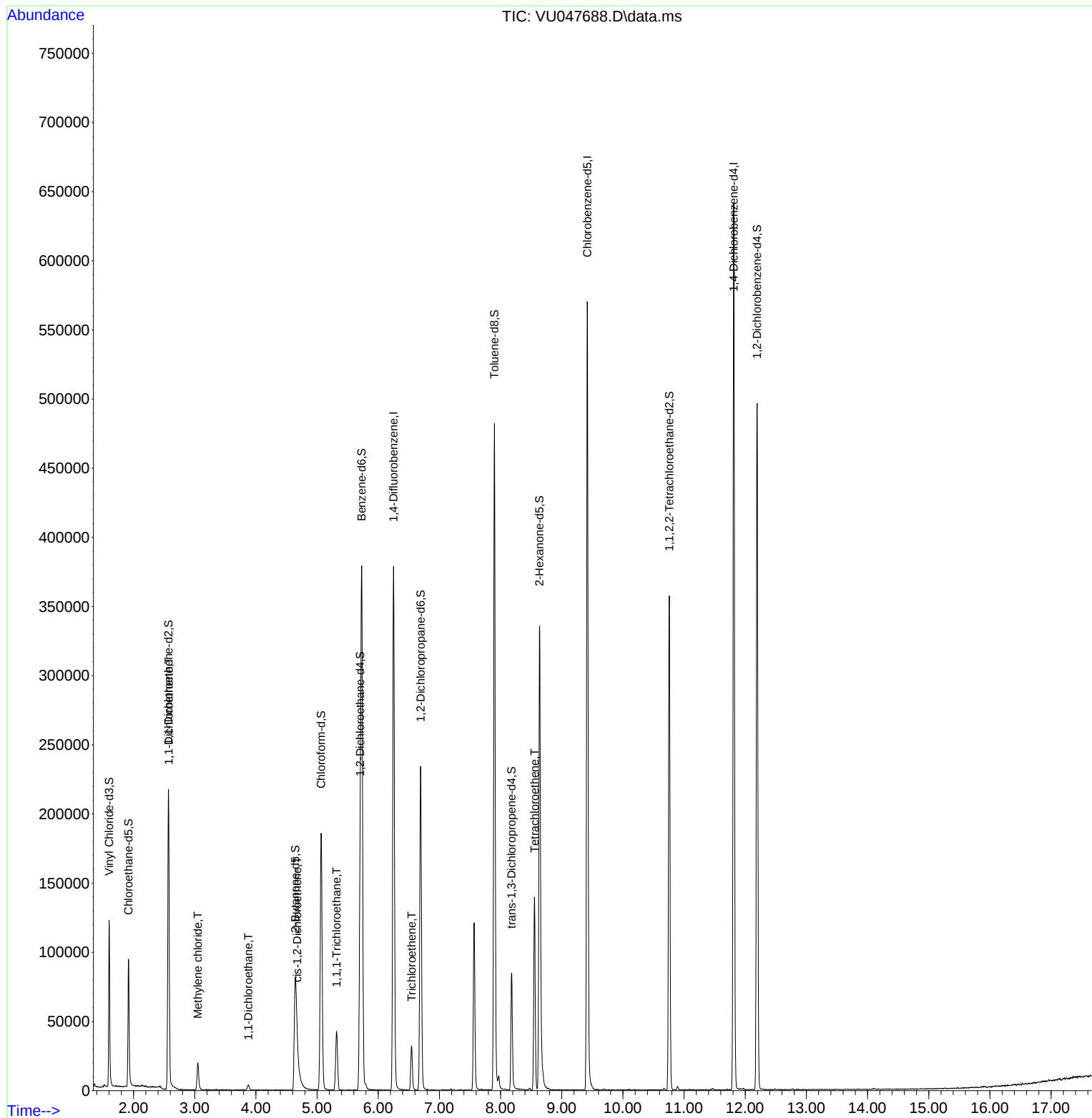
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	326982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	338817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	178246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	87524	36.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.820%
7) Chloroethane-d5	1.915	69	70921	37.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.860%
11) 1,1-Dichloroethene-d2	2.571	63	125557	28.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.880%#
21) 2-Butanone-d5	4.645	46	177383	87.157	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.160%
24) Chloroform-d	5.066	84	173867	40.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.140%
26) 1,2-Dichloroethane-d4	5.703	65	113793	42.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.520%
32) Benzene-d6	5.729	84	350569	41.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.240%
36) 1,2-Dichloropropane-d6	6.693	67	112581	42.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.000%
41) Toluene-d8	7.899	98	324788	39.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.200%#
43) trans-1,3-Dichloroprop...	8.179	79	47497	35.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.620%
47) 2-Hexanone-d5	8.635	63	122932	80.204	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	177990	39.611	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	138448	43.658	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	2142	0.955	ug/L	# 1
16) Methylene chloride	3.050	84	10359	4.025	ug/L	97
19) 1,1-Dichloroethane	3.877	63	4925	1.180	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	1566	0.590	ug/L	75
30) 1,1,1-Trichloroethane	5.317	97	30505	7.940	ug/L	99
34) Trichloroethene	6.546	95	10684	4.155	ug/L	97
46) Tetrachloroethene	8.555	164	32531	14.079	ug/L	98

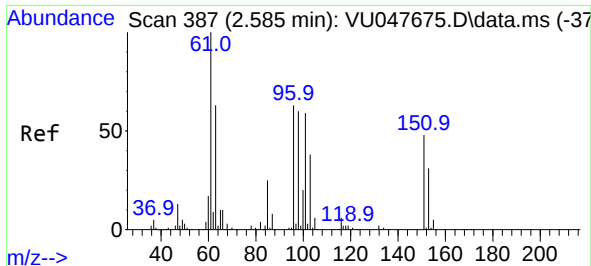
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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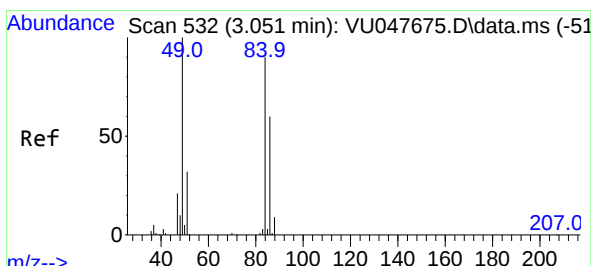
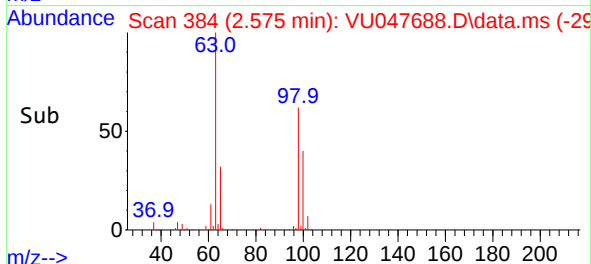
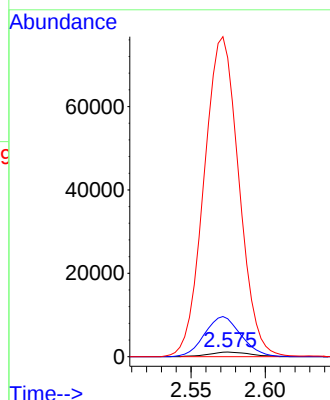
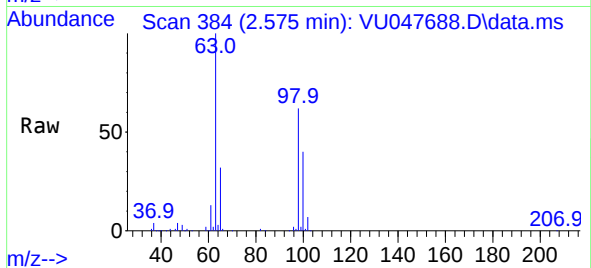




#12
1,1-Dichloroethene
Concen: 0.955 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU047688.D
Acq: 25 Mar 2022 21:26

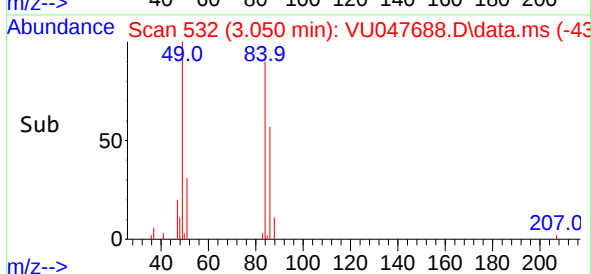
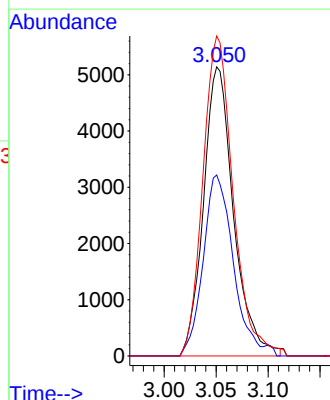
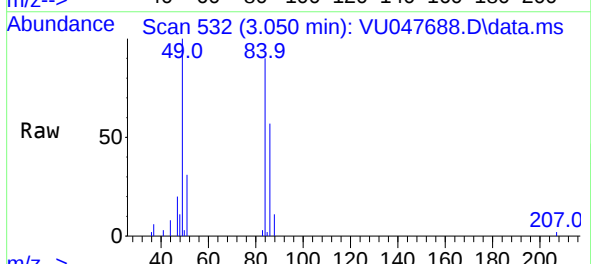
Instrument :
MSVOA_U
ClientSampleId :
EW605

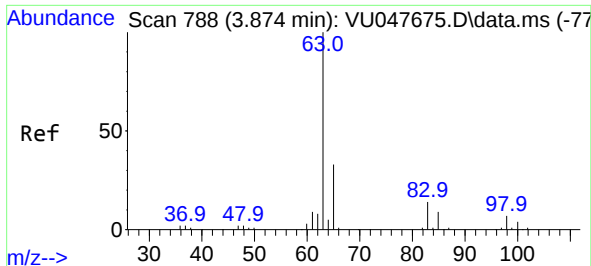
Tgt Ion: 96 Resp: 2142
Ion Ratio Lower Upper
96 100
61 819.0 113.1 210.1#
63 6464.9 94.8 176.0#



#16
Methylene chloride
Concen: 4.025 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047688.D
Acq: 25 Mar 2022 21:26

Tgt Ion: 84 Resp: 10359
Ion Ratio Lower Upper
84 100
86 62.6 46.0 85.4
49 110.7 75.3 139.8

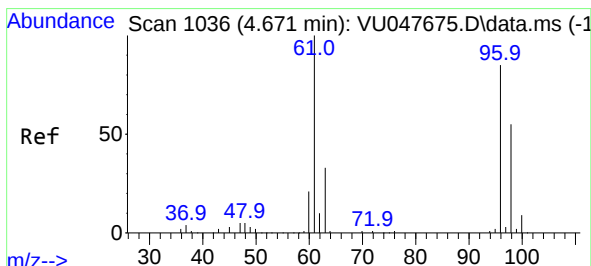
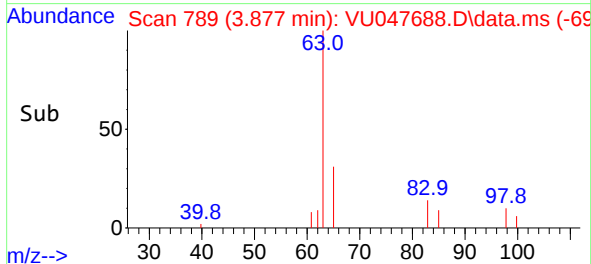
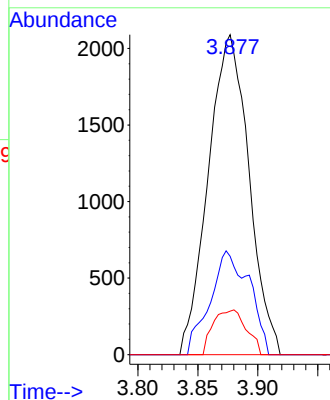
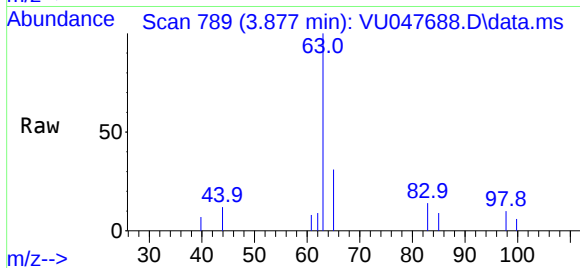




#19
1,1-Dichloroethane
Concen: 1.180 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU047688.D
Acq: 25 Mar 2022 21:26

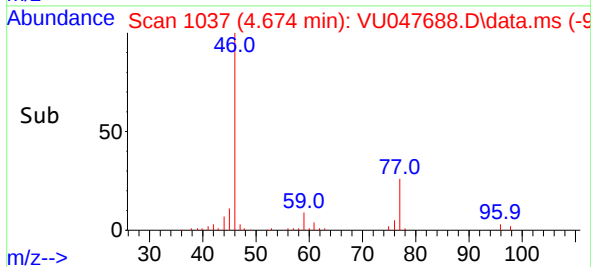
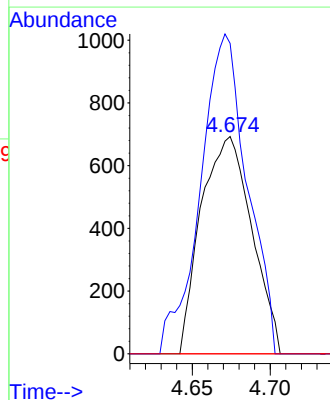
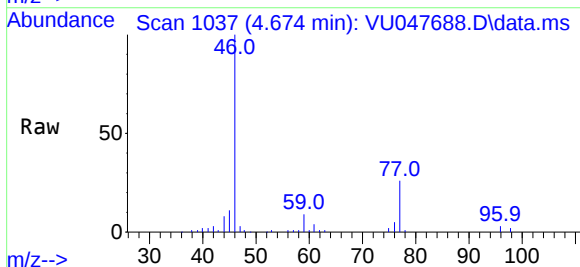
Instrument :
MSVOA_U
ClientSampleId :
EW605

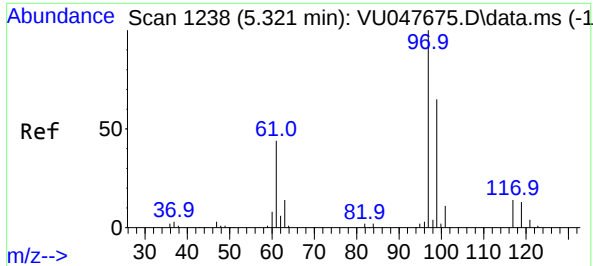
Tgt Ion:	63	Resp:	4925
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.0	41.0
83	13.6	9.7	18.1



#20
cis-1,2-Dichloroethene
Concen: 0.590 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047688.D
Acq: 25 Mar 2022 21:26

Tgt Ion:	96	Resp:	1566
Ion	Ratio	Lower	Upper
96	100		
61	142.9	80.7	149.9
68	0.0	0.0	0.0



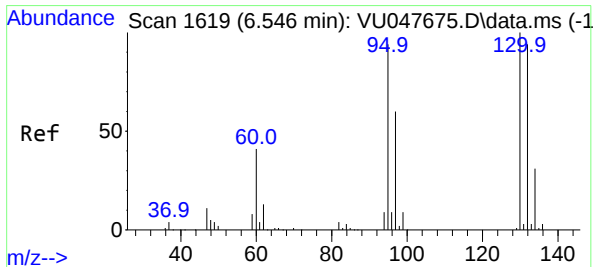
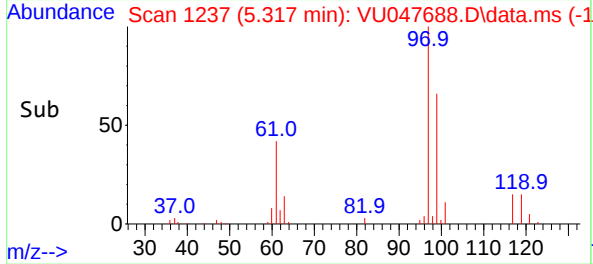
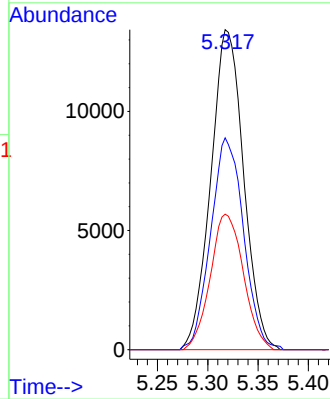
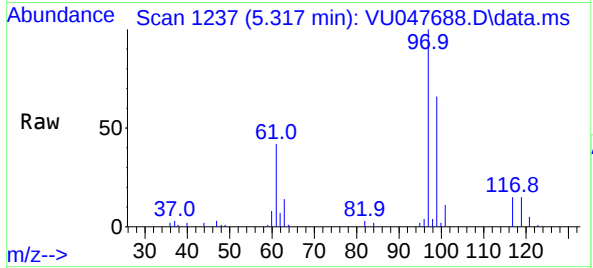


#30
1,1,1-Trichloroethane
Concen: 7.940 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047688.D
Acq: 25 Mar 2022 21:26

Instrument :
MSVOA_U
ClientSampleId :
EW605

Tgt Ion: 97 Resp: 30505

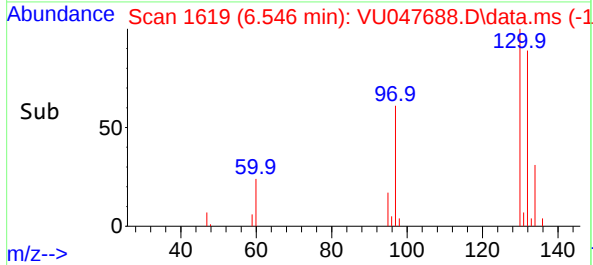
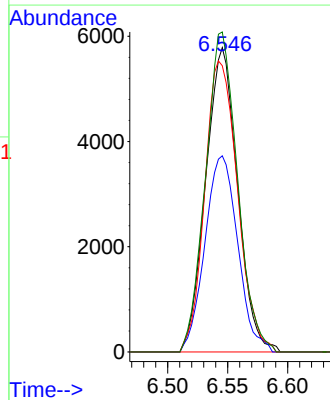
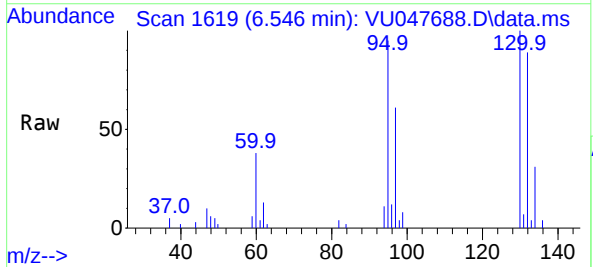
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.6	77.4
61	42.7	34.2	51.4

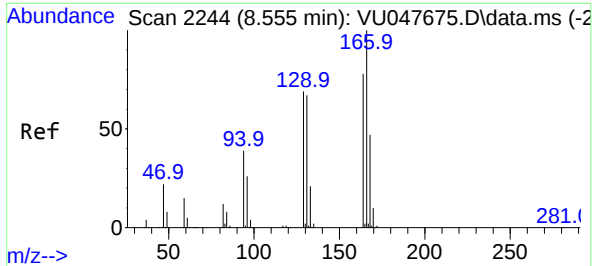


#34
Trichloroethene
Concen: 4.155 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047688.D
Acq: 25 Mar 2022 21:26

Tgt Ion: 95 Resp: 10684

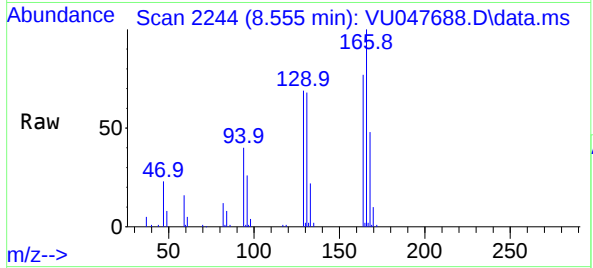
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	82.9
132	94.0	70.4	130.8
130	105.2	73.6	136.8





#46
 Tetrachloroethene
 Concen: 14.079 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047688.D
 Acq: 25 Mar 2022 21:26

Instrument :
 MSVOA_U
 ClientSampleId :
 EW605



Tgt Ion:164 Resp: 32531

Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.4	116.0
131	89.3	60.7	112.7
166	130.4	89.0	165.4

