

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047397.D
 Acq On : 08 Mar 2022 17:45
 Operator : SY/MD
 Sample : N1840-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY21DL

Quant Time: Mar 09 03:05:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

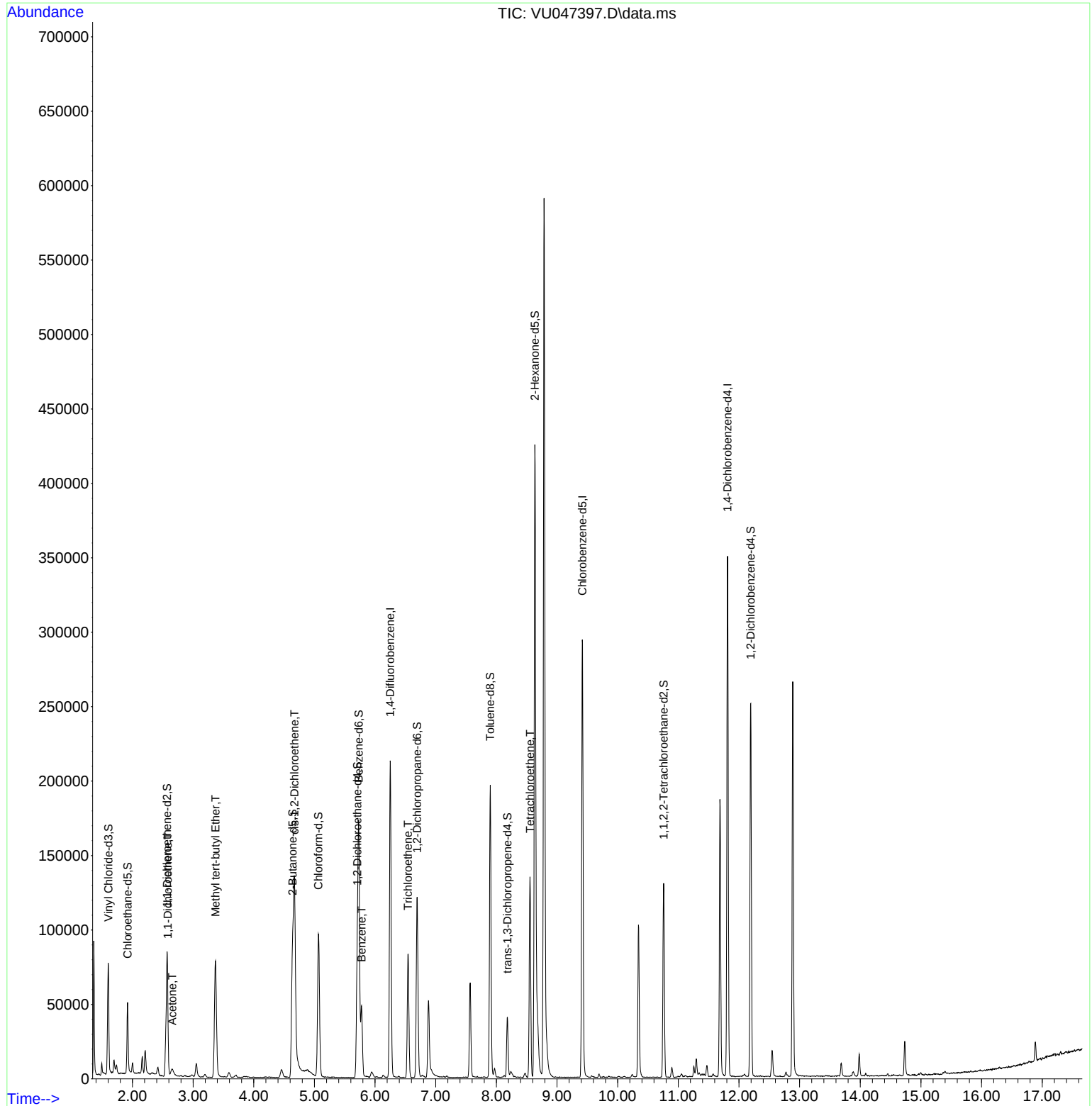
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	182584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175264	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31076	2.398	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	48.000%	
7) Chloroethane-d5	1.919	69	34778	3.217	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	64.400%#	
11) 1,1-Dichloroethene-d2	2.571	65	13674	2.498	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.000%#	
20) 2-Butanone-d5	4.639	46	182361	42.865	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.720%	
24) Chloroform-d	5.066	84	90124	3.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
26) 1,2-Dichloroethane-d4	5.706	65	53948	4.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
32) Benzene-d6	5.732	84	162021	3.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	65.600%#	
36) 1,2-Dichloropropane-d6	6.693	67	59704	3.883	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.600%	
41) Toluene-d8	7.899	98	136955	2.939	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	58.800%#	
43) trans-1,3-Dichloroprop...	8.182	79	23543	3.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.635	63	176977	46.029	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	65106	4.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	70204	3.635	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	72.600%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	1317	0.147	ug/L	# 1
13) Acetone	2.658	43	8472	4.933	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	92378	3.855	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	52719	4.983	ug/L	95
33) Benzene	5.777	78	45397	1.148	ug/L	100
34) Trichloroethene	6.542	95	27099	2.607	ug/L	93
47) Tetrachloroethene	8.555	164	31146	3.517	ug/L	92

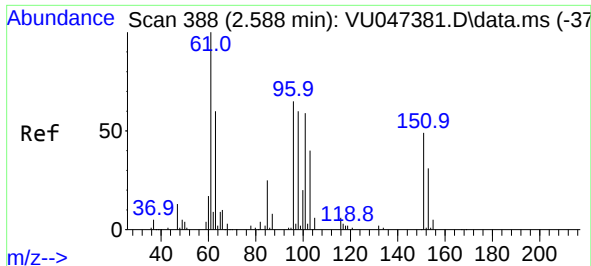
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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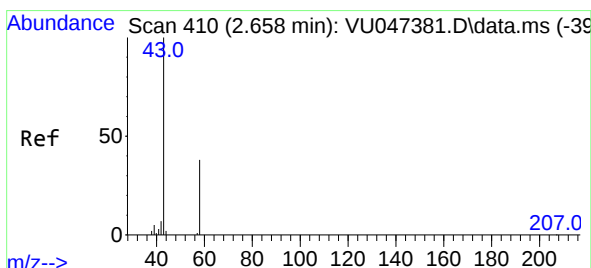
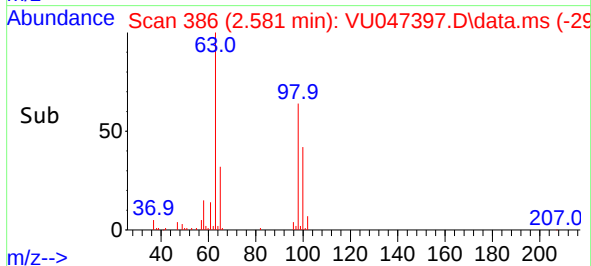
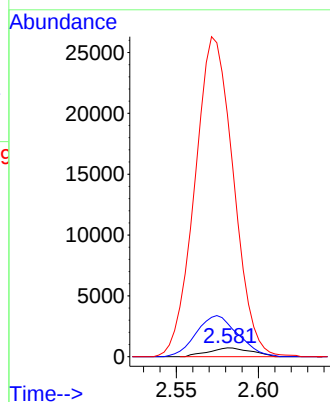
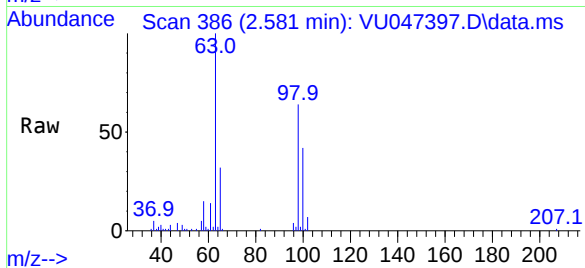




#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.581 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

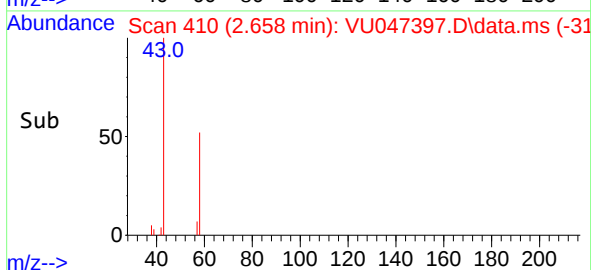
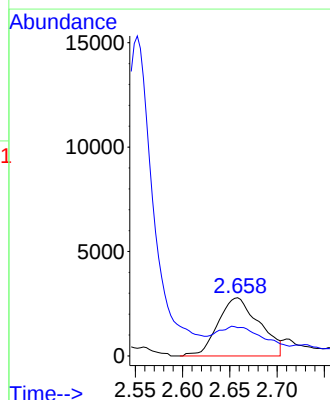
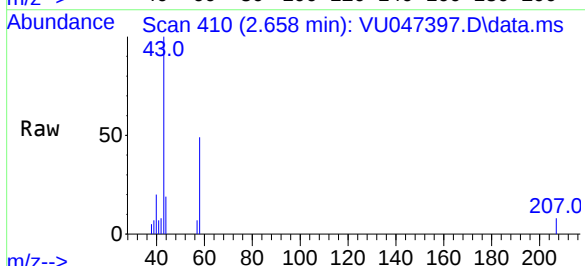
Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

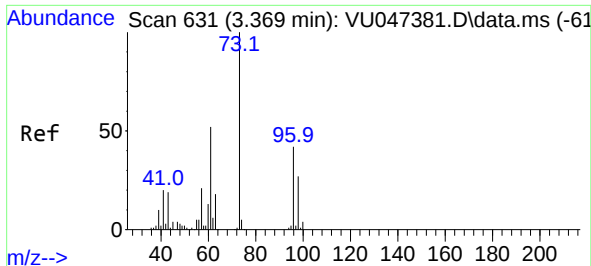
Tgt Ion: 96 Resp: 1317
Ion Ratio Lower Upper
96 100
61 378.1 124.7 231.5#
63 2743.8 105.2 195.4#



#13
Acetone
Concen: 4.933 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Tgt Ion: 43 Resp: 8472
Ion Ratio Lower Upper
43 100
58 40.2 0.0 71.6

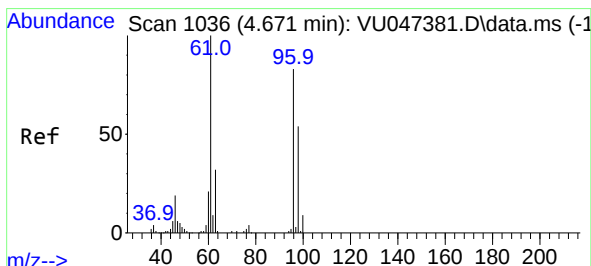
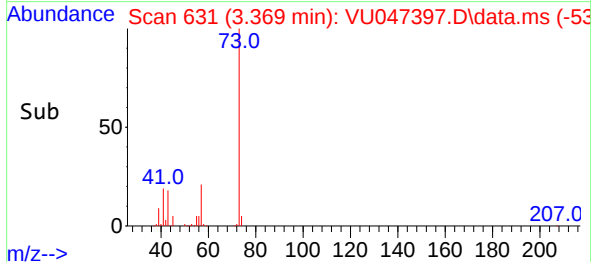
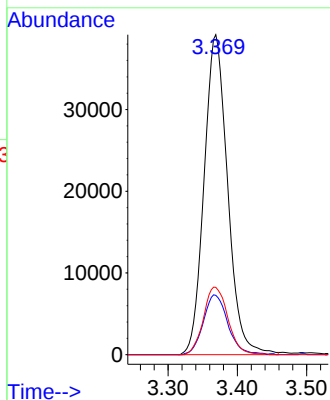
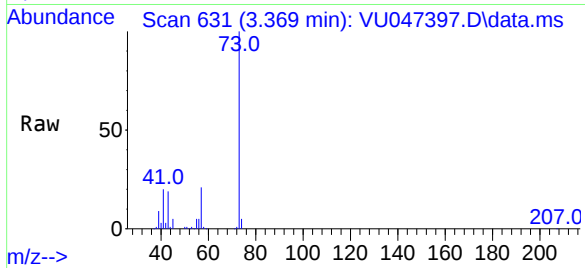




#17
Methyl tert-butyl Ether
Concen: 3.855 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

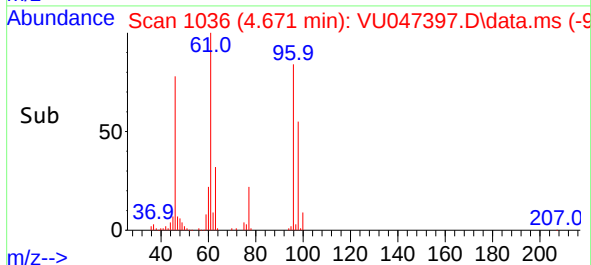
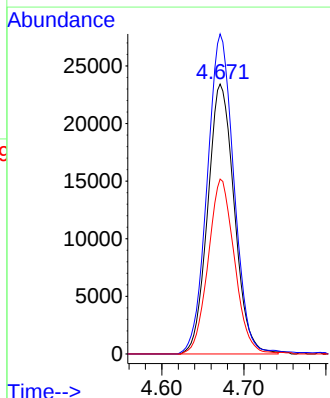
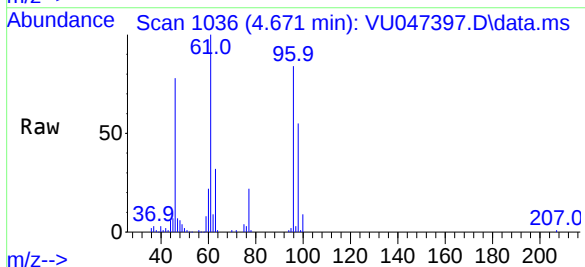
Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

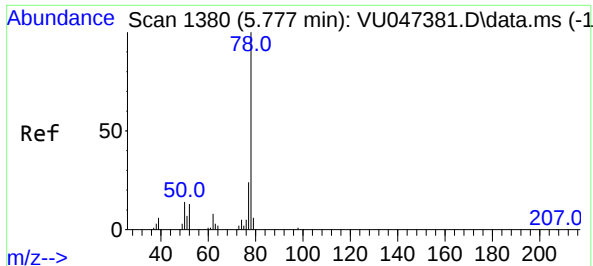
Tgt Ion:	73	Resp:	92378
Ion	Ratio	Lower	Upper
73	100		
43	19.5	14.8	22.2
57	21.9	17.4	26.0



#22
cis-1,2-Dichloroethene
Concen: 4.983 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Tgt Ion:	96	Resp:	52719
Ion	Ratio	Lower	Upper
96	100		
61	118.6	88.5	164.3
98	64.8	44.4	82.5

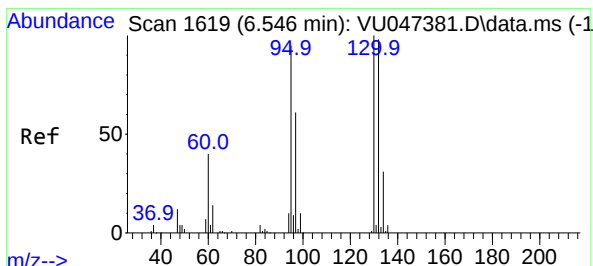
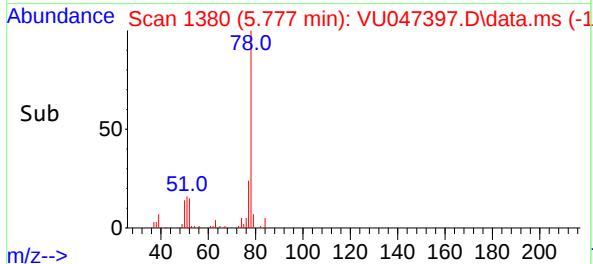
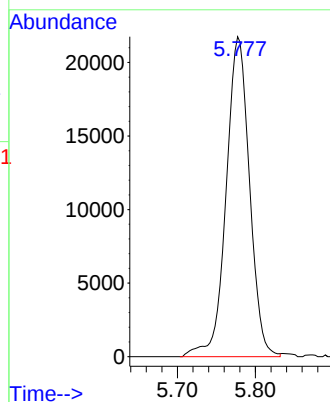
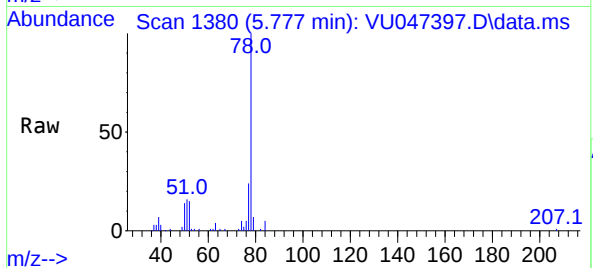




#33
Benzene
Concen: 1.148 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

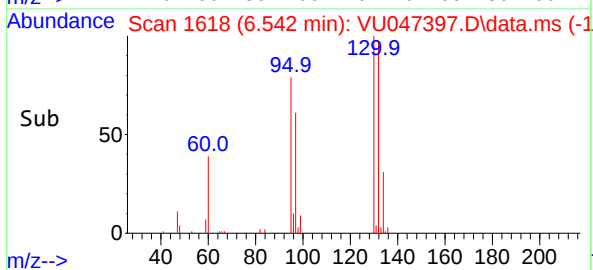
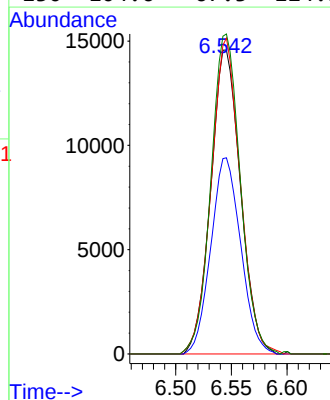
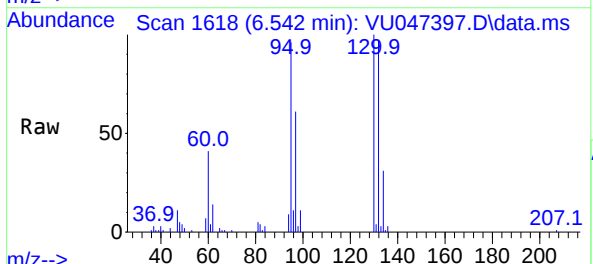
Tgt Ion: 78 Resp: 45397

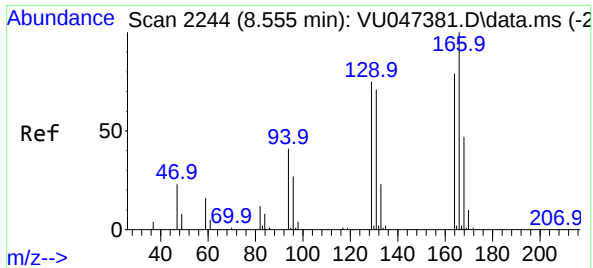


#34
Trichloroethene
Concen: 2.607 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Tgt Ion: 95 Resp: 27099

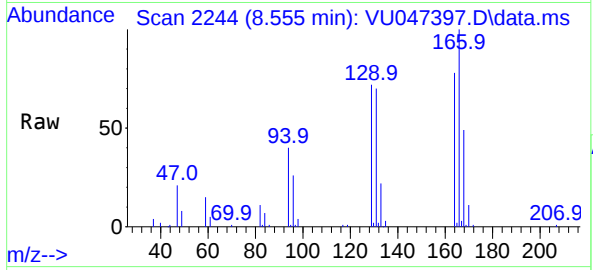
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.5
132	101.6	65.1	120.9
130	104.6	67.3	124.9





#47
Tetrachloroethene
Concen: 3.517 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL



Tgt Ion:164 Resp: 31146

Ion	Ratio	Lower	Upper
164	100		
129	91.3	71.8	133.4
131	88.7	68.5	127.3
166	127.5	94.1	174.8

