

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046977.D
 Acq On : 01 Feb 2022 21:25
 Operator : SY/MD
 Sample : N1349-02 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP1

Quant Time: Feb 02 04:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 03:49:05 2022
 Response via : Initial Calibration

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

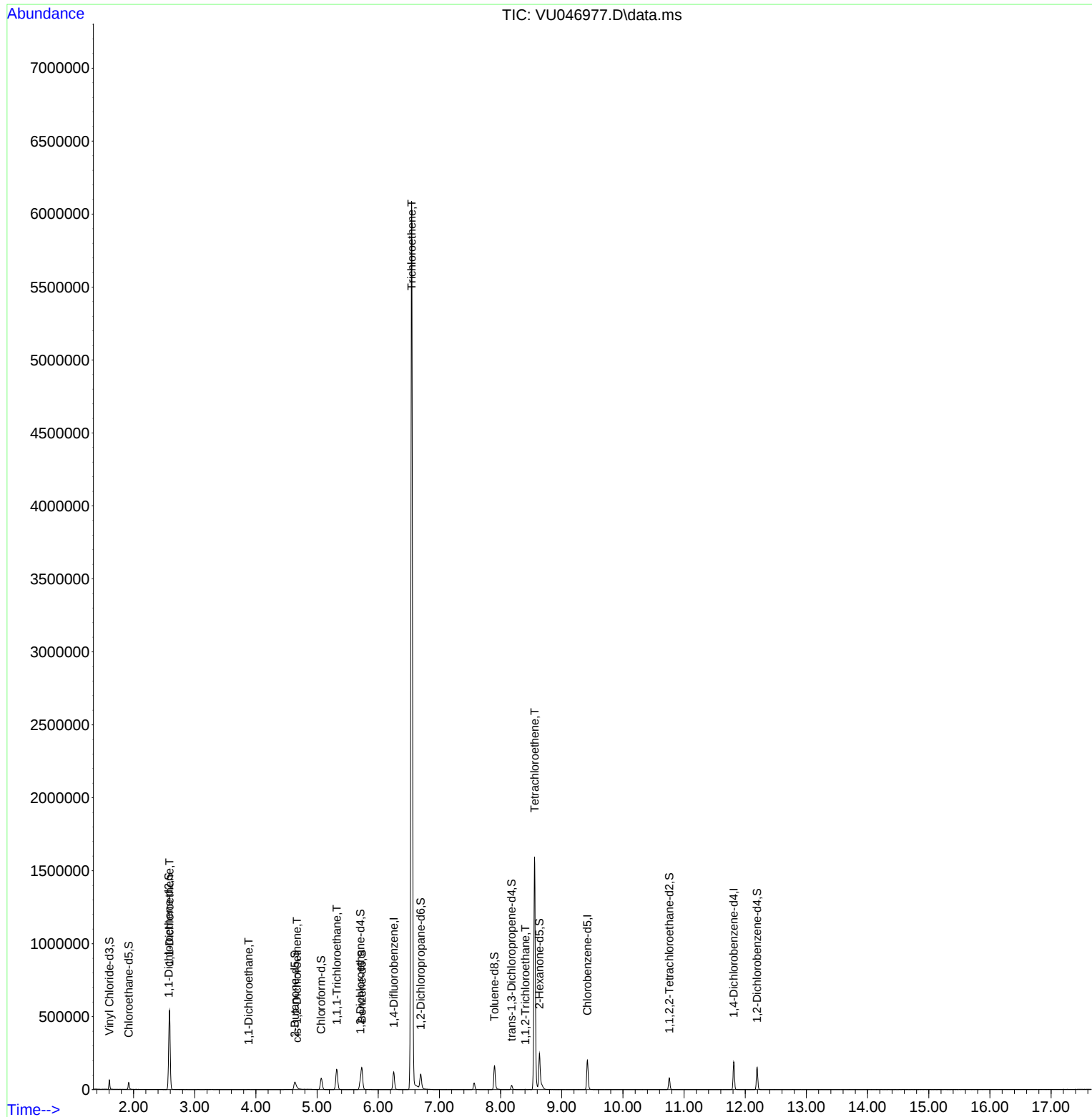
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100400	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46870	5.509	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.919	69	37144	5.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	2.575	65	19052	5.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.600%
20) 2-Butanone-d5	4.636	46	94622	37.543	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.080%
24) Chloroform-d	5.067	84	74627	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	40454	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.732	84	146703	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.694	67	47933	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.899	98	118578	3.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.179	79	17615	3.766	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.636	63	100405	36.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41481	3.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39737	4.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
12) 1,1-Dichloroethene	2.588	96	171566	30.604	ug/L #	65
19) 1,1-Dichloroethane	3.880	63	1284	0.126	ug/L #	89
22) cis-1,2-Dichloroethene	4.671	96	1457	0.227	ug/L	90
29) 1,1,1-Trichloroethane	5.321	97	102739	9.451	ug/L	99
34) Trichloroethene	6.546	95	2105944	285.439	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	957	0.161	ug/L #	82
47) Tetrachloroethene	8.555	164	353410	58.897	ug/L	97

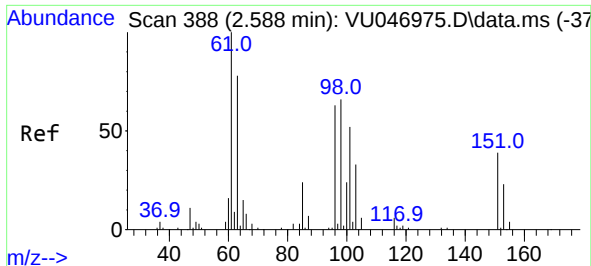
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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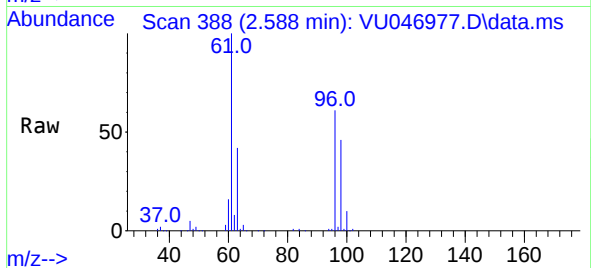
Quant Time: Feb 02 04:07:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 02 03:49:05 2022
Response via : Initial Calibration



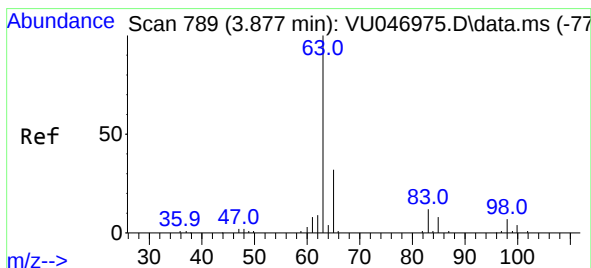
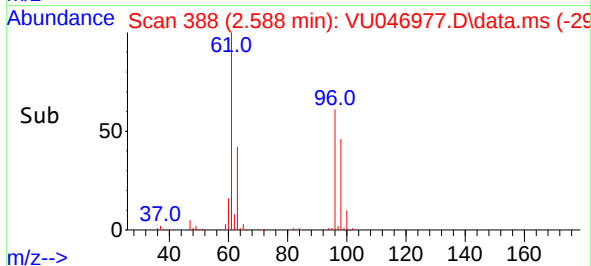
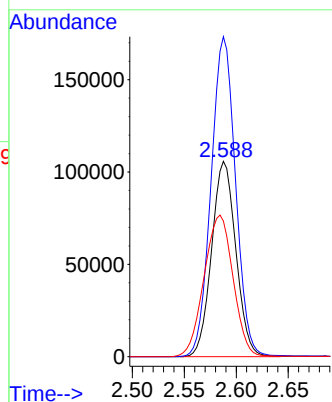


#12
1,1-Dichloroethene
Concen: 30.604 ug/L
RT: 2.588 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046977.D
Acq: 01 Feb 2022 21:25

Instrument :
MSVOA_U
ClientSampleId :
C0HP1

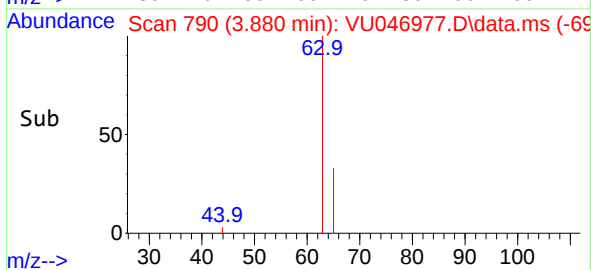
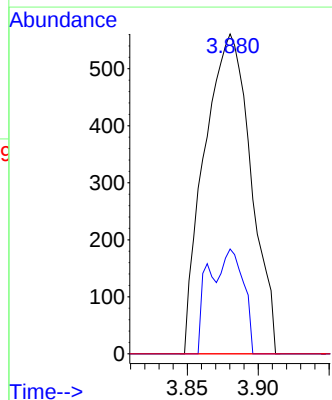
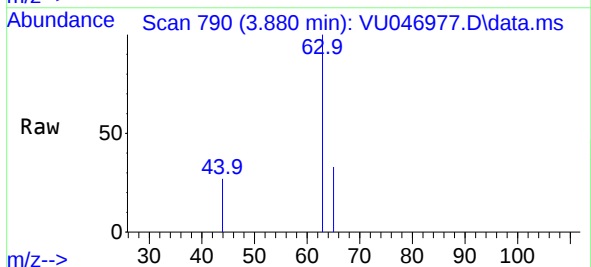


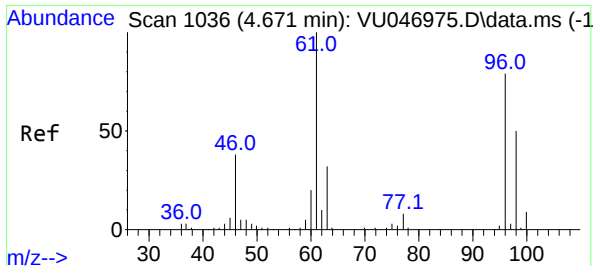
Tgt Ion: 96 Resp: 171566
Ion Ratio Lower Upper
96 100
61 163.8 124.7 231.5
63 69.5 105.2 195.4#



#19
1,1-Dichloroethane
Concen: 0.126 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU046977.D
Acq: 01 Feb 2022 21:25

Tgt Ion: 63 Resp: 1284
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.5
83 0.0 9.6 17.8#



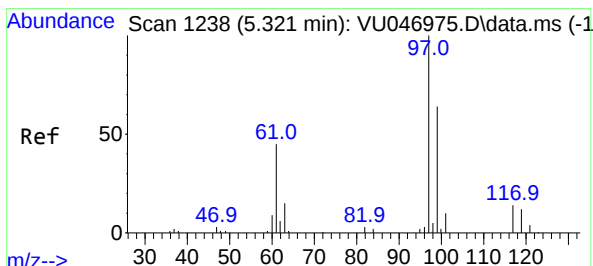
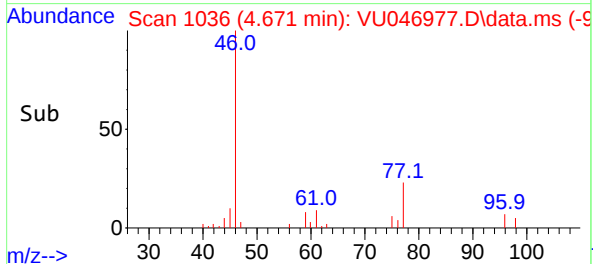
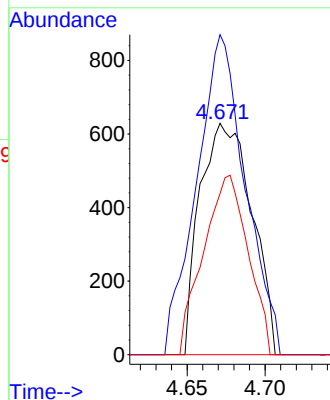
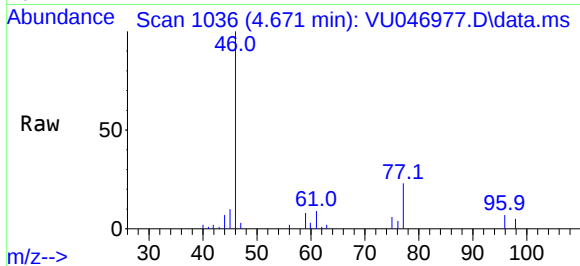


#22
 cis-1,2-Dichloroethene
 Concen: 0.227 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046977.D
 Acq: 01 Feb 2022 21:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP1

Tgt Ion: 96 Resp: 1457

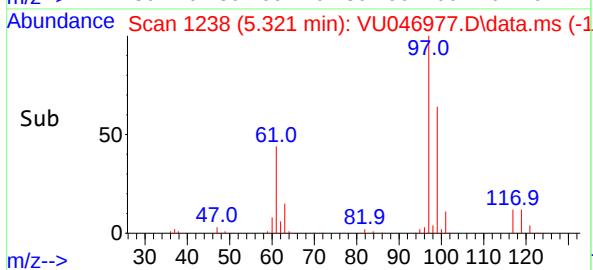
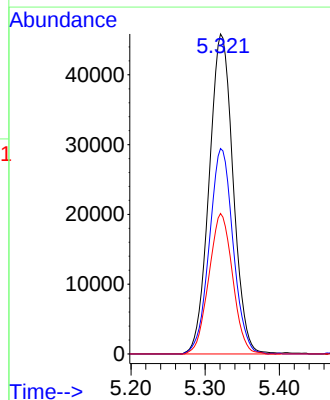
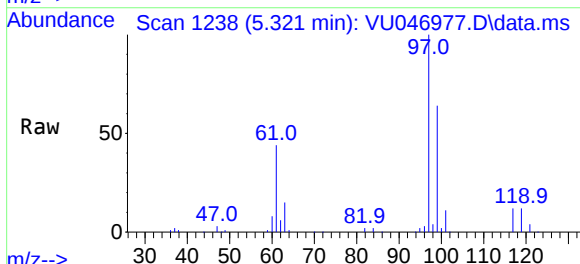
Ion	Ratio	Lower	Upper
96	100		
61	138.3	88.5	164.3
98	69.6	44.4	82.5

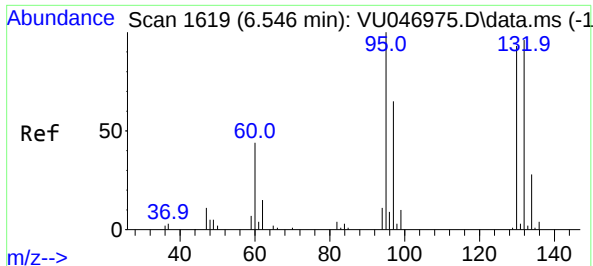


#29
 1,1,1-Trichloroethane
 Concen: 9.451 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU046977.D
 Acq: 01 Feb 2022 21:25

Tgt Ion: 97 Resp: 102739

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	43.5	36.1	54.1



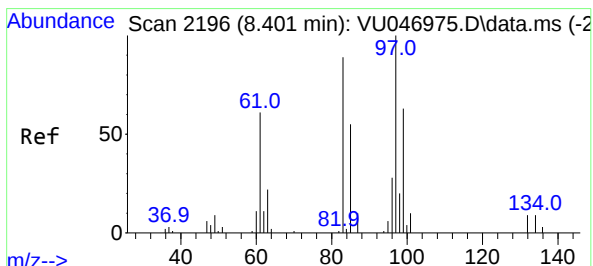
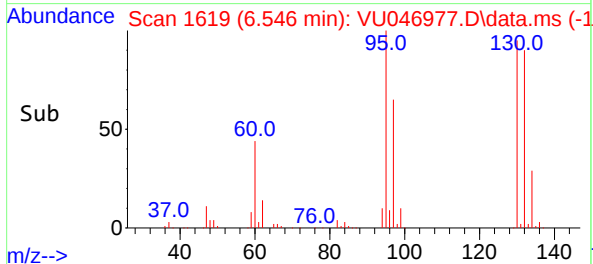
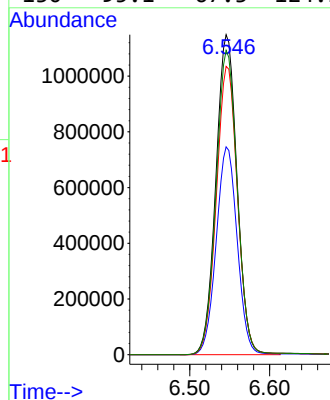
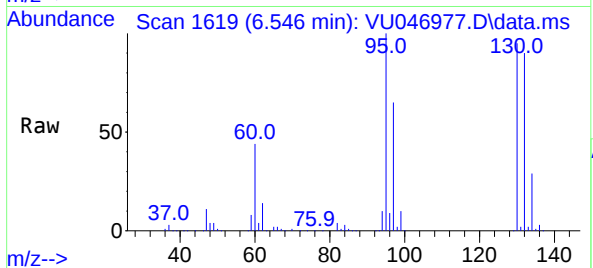


#34
Trichloroethene
Concen: 285.439 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046977.D
Acq: 01 Feb 2022 21:25

Instrument :
MSVOA_U
ClientSampleId :
C0HP1

Tgt Ion: 95 Resp: 2105944

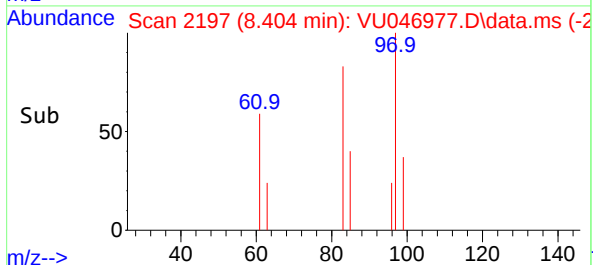
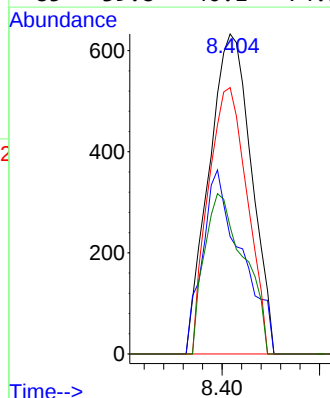
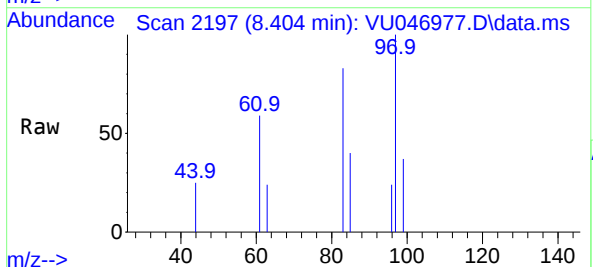
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.5	86.5
132	90.1	65.1	120.9
130	95.1	67.3	124.9

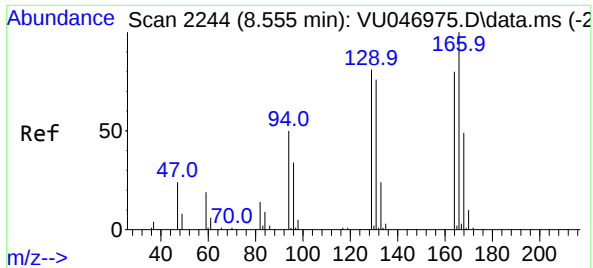


#45
1,1,2-Trichloroethane
Concen: 0.161 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046977.D
Acq: 01 Feb 2022 21:25

Tgt Ion: 97 Resp: 957

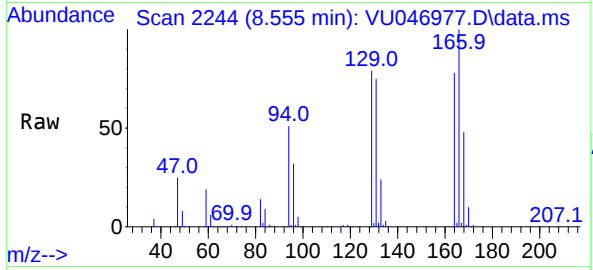
Ion	Ratio	Lower	Upper
97	100		
99	36.7	42.3	78.5#
83	83.3	62.0	115.2
85	39.8	40.1	74.5#





#47
Tetrachloroethene
Concen: 58.897 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046977.D
Acq: 01 Feb 2022 21:25

Instrument :
MSVOA_U
ClientSampleId :
C0HP1



Tgt Ion:164 Resp: 353410

Ion	Ratio	Lower	Upper
164	100		
129	101.5	71.8	133.4
131	95.6	68.5	127.3
166	128.0	94.1	174.8

