

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046972.D
 Acq On : 01 Feb 2022 18:40
 Operator : SY/MD
 Sample : N1273-21DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9DL

Quant Time: Feb 02 02:06:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

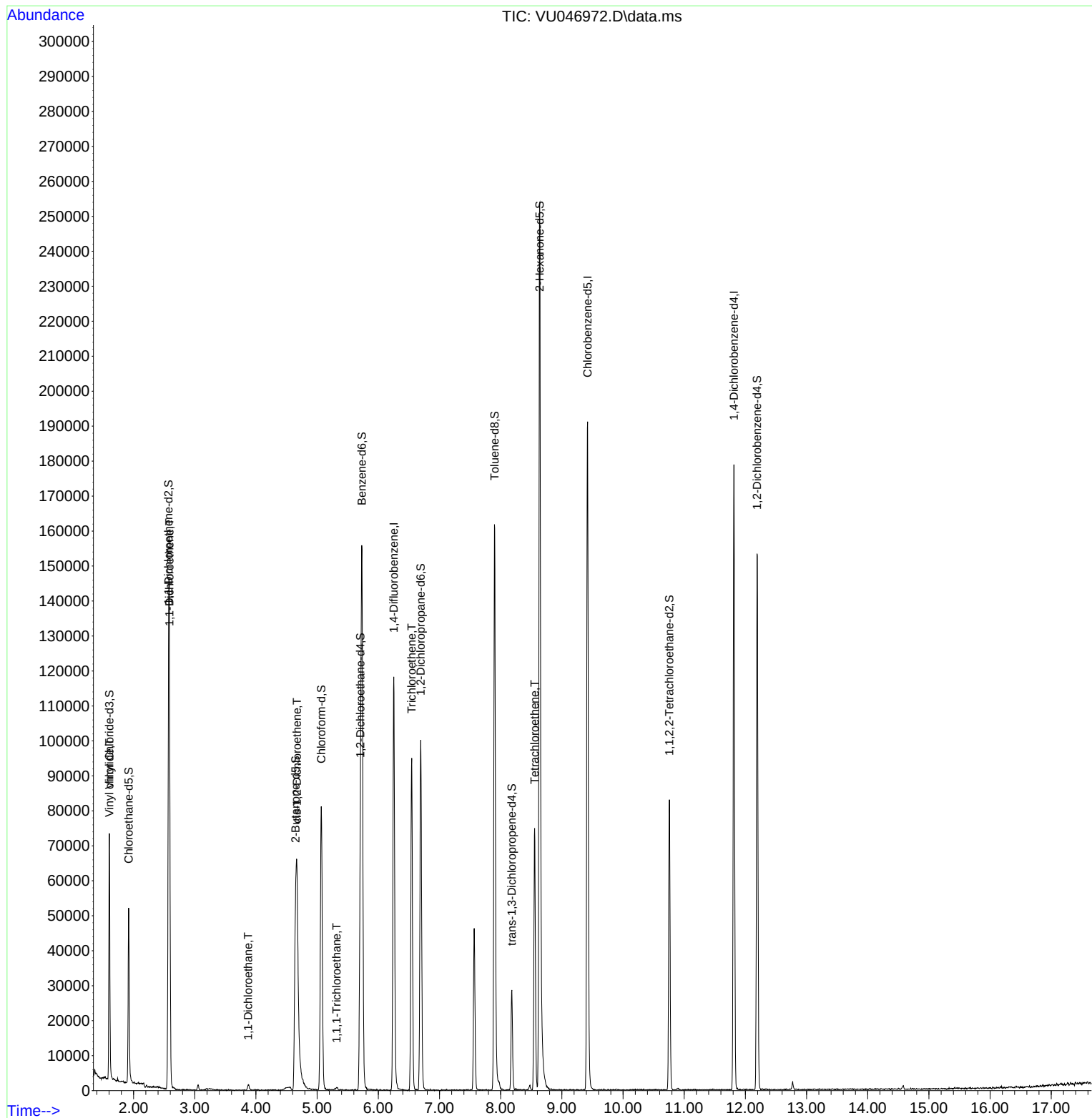
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48048	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49292	5.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.600%
7) Chloroethane-d5	1.919	69	38489	5.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.400%
11) 1,1-Dichloroethene-d2	2.572	65	19129	5.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.600%
20) 2-Butanone-d5	4.649	46	119535	48.517	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.040%
24) Chloroform-d	5.070	84	77837	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	5.707	65	42121	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.732	84	149867	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.694	67	49387	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.899	98	114481	3.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.182	79	17576	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.639	63	95014	37.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41571	4.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	40467	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
5) Vinyl chloride	1.607	62	3204	0.405	ug/L #	71
12) 1,1-Dichloroethene	2.588	96	27943	5.099	ug/L	92
19) 1,1-Dichloroethane	3.874	63	2158	0.217	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	15228	2.432	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	761	0.076	ug/L #	79
34) Trichloroethene	6.546	95	32800	4.798	ug/L	99
47) Tetrachloroethene	8.555	164	16955	3.050	ug/L	97

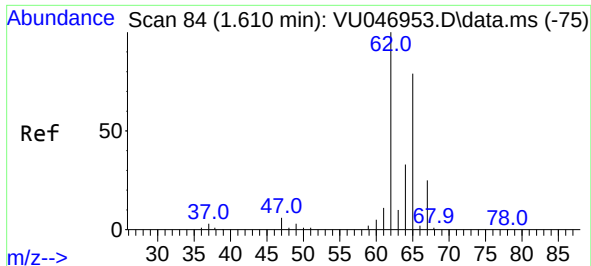
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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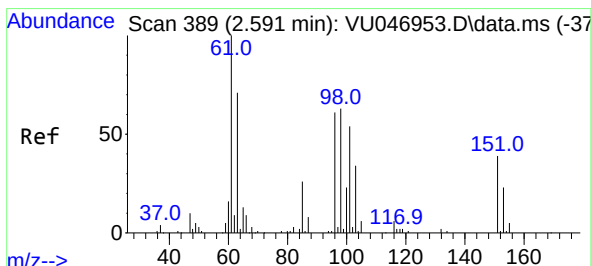
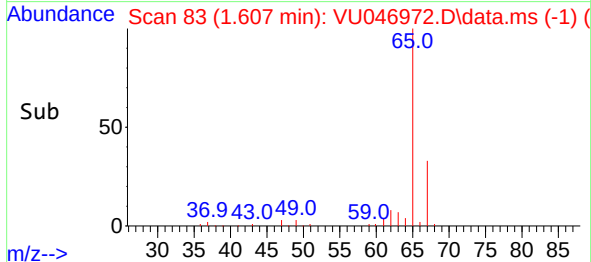
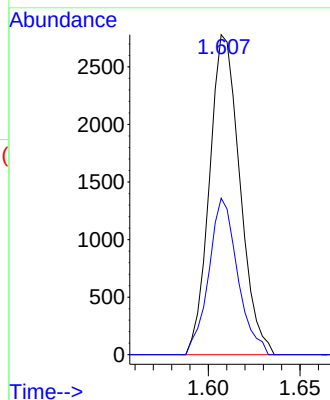
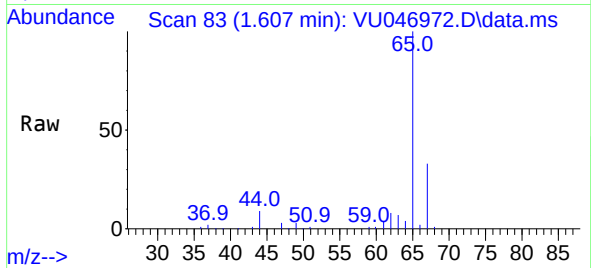




#5
 Vinyl chloride
 Concen: 0.405 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

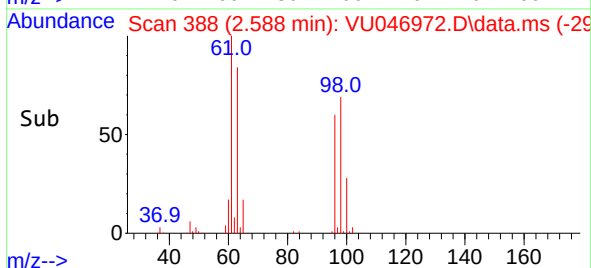
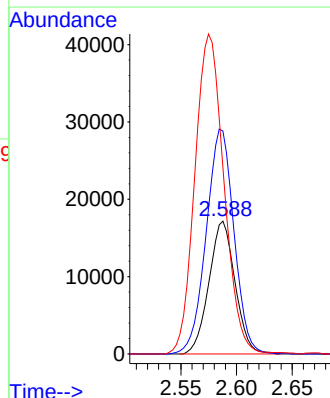
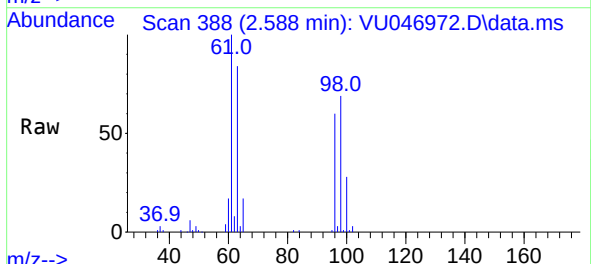
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9DL

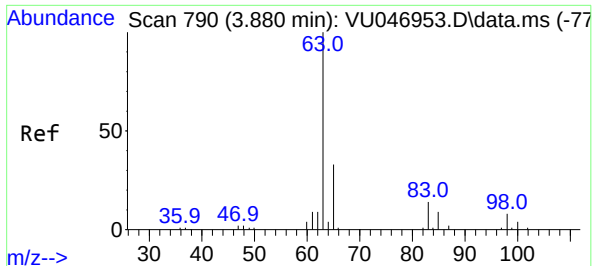
Tgt Ion: 62 Resp: 3204
 Ion Ratio Lower Upper
 62 100
 64 48.9 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 5.099 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

Tgt Ion: 96 Resp: 27943
 Ion Ratio Lower Upper
 96 100
 61 167.8 124.7 231.5
 63 140.3 105.2 195.4



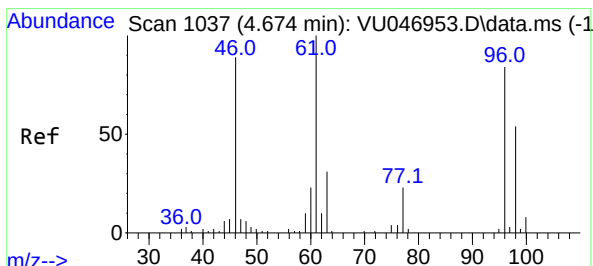
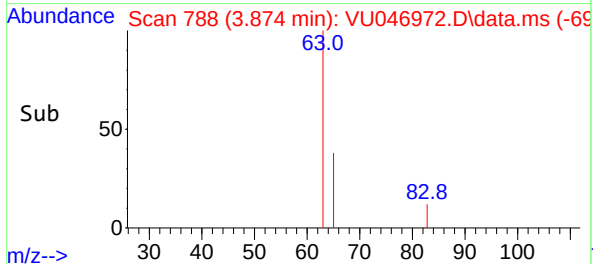
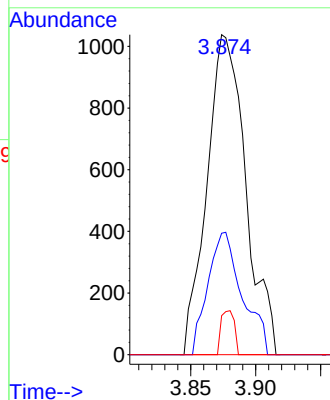
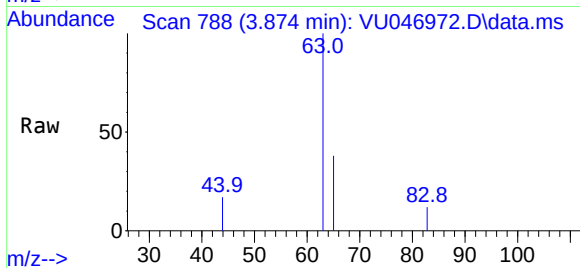


#19
1,1-Dichloroethane
Concen: 0.217 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.006 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Instrument :
MSVOA_U
ClientSampleId :
COHL9DL

Tgt Ion: 63 Resp: 2158

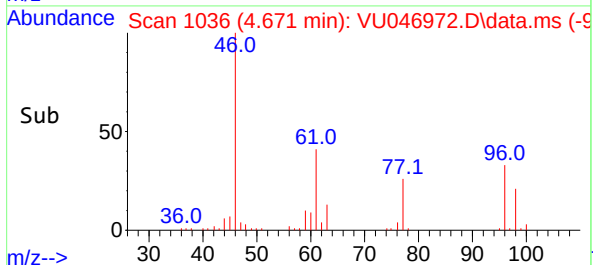
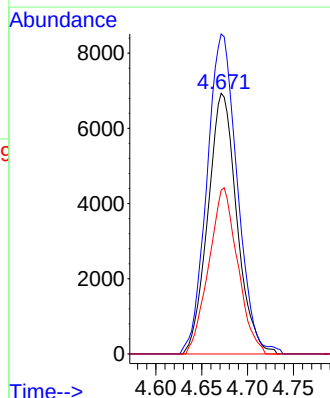
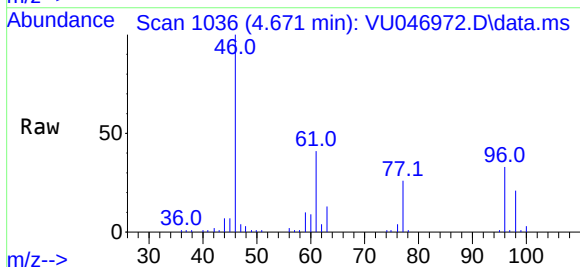
Ion	Ratio	Lower	Upper
63	100		
65	38.0	22.3	41.5
83	12.2	9.6	17.8

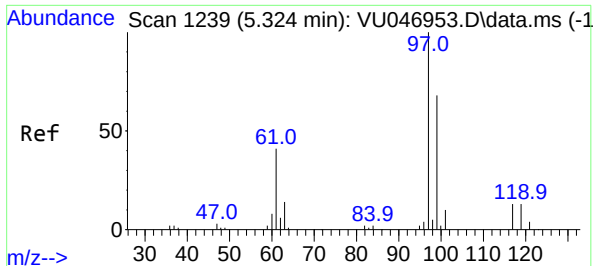


#22
cis-1,2-Dichloroethene
Concen: 2.432 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

Tgt Ion: 96 Resp: 15228

Ion	Ratio	Lower	Upper
96	100		
61	122.8	88.5	164.3
98	62.8	44.4	82.5

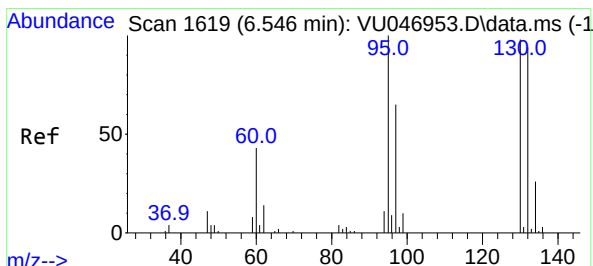
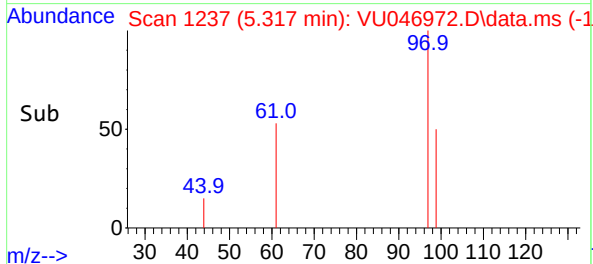
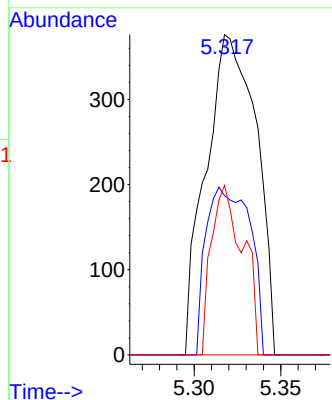
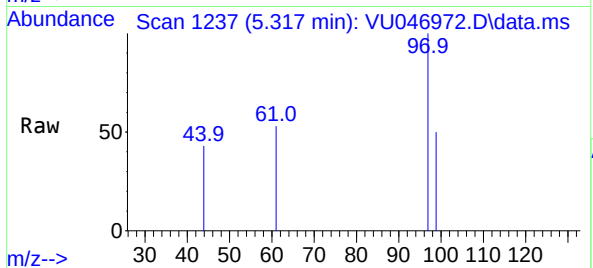




#29
1,1,1-Trichloroethane
Concen: 0.076 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

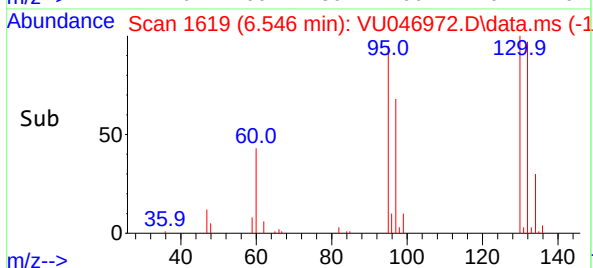
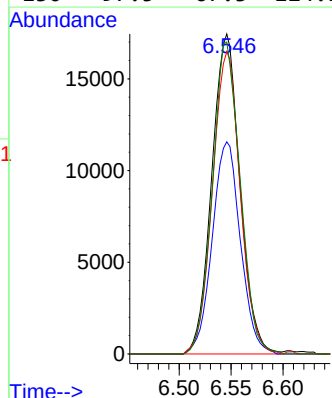
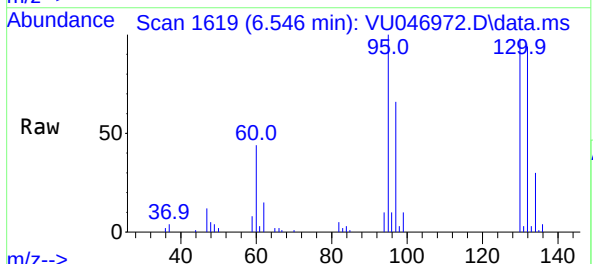
Instrument :
MSVOA_U
ClientSampleId :
C0HL9DL

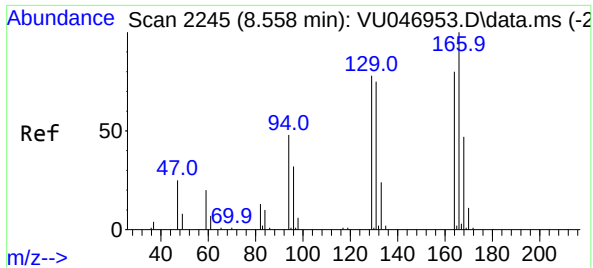
Tgt Ion: 97 Resp: 761
Ion Ratio Lower Upper
97 100
99 45.9 51.3 76.9#
61 33.4 36.1 54.1#



#34
Trichloroethene
Concen: 4.798 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046972.D
Acq: 01 Feb 2022 18:40

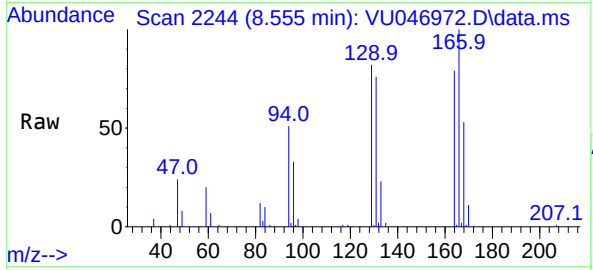
Tgt Ion: 95 Resp: 32800
Ion Ratio Lower Upper
95 100
97 66.3 46.5 86.5
132 94.5 65.1 120.9
130 97.5 67.3 124.9





#47
 Tetrachloroethene
 Concen: 3.050 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046972.D
 Acq: 01 Feb 2022 18:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9DL



Tgt Ion:164 Resp: 16955

Ion	Ratio	Lower	Upper
164	100		
129	104.1	71.8	133.4
131	97.0	68.5	127.3
166	127.0	94.1	174.8

