

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046903.D
 Acq On : 28 Jan 2022 19:26
 Operator : SY/MD
 Sample : N1273-17 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL5

Quant Time: Jan 29 00:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

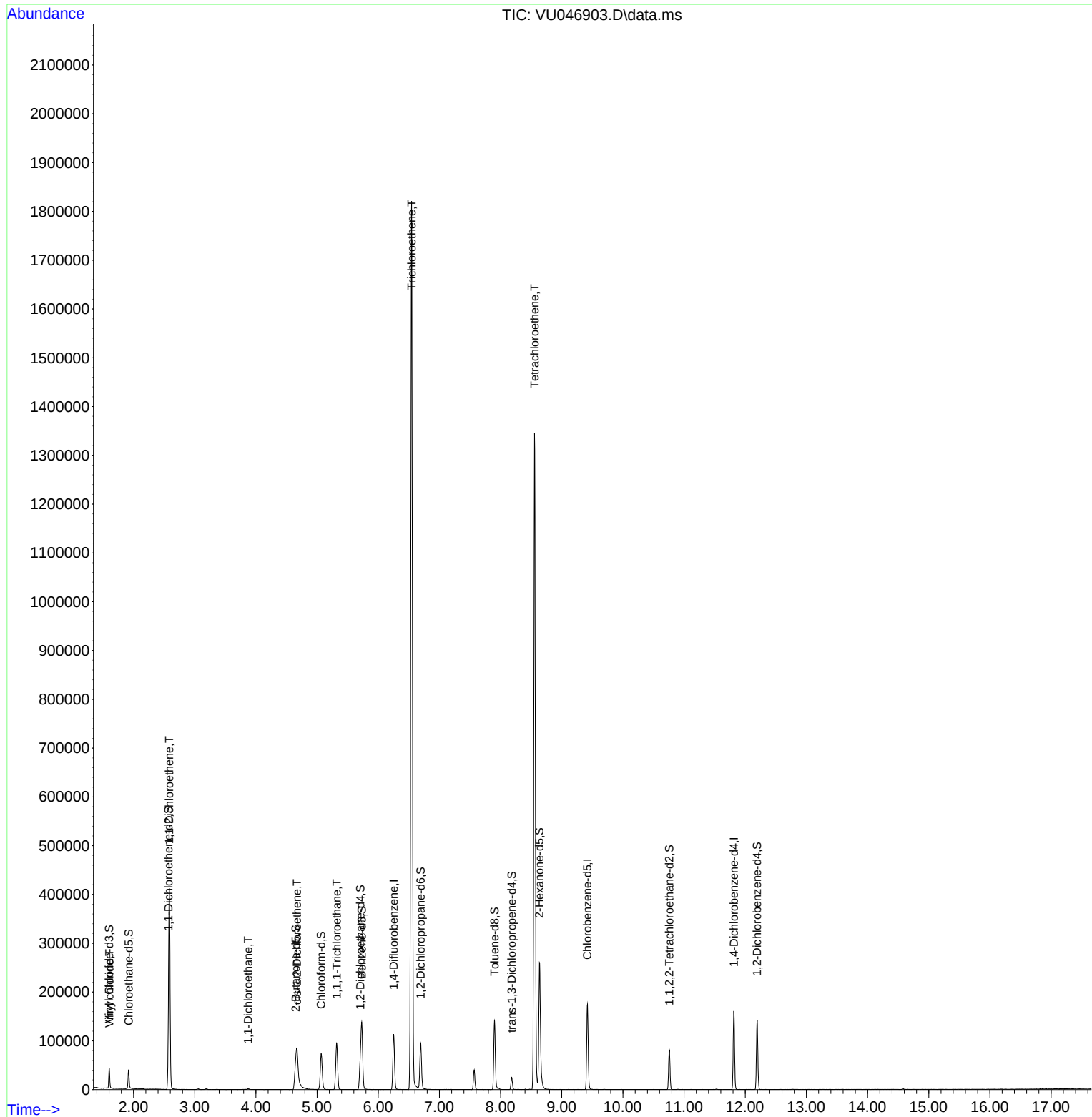
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29439	3.722	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.919	69	29667	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.571	65	13609	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.652	46	115493	49.291	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	5.066	84	69520	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.706	65	39149	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.732	84	128803	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.693	67	45472	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.902	98	99589	3.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.182	79	14938	3.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.635	63	103990	44.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41025	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38264	4.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2636	0.350	ug/L	97
12) 1,1-Dichloroethene	2.584	96	129399	24.828	ug/L #	66
19) 1,1-Dichloroethane	3.874	63	2252	0.238	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	26184	4.397	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	69604	7.517	ug/L	99
34) Trichloroethene	6.546	95	632468	100.647	ug/L	99
47) Tetrachloroethene	8.555	164	298917	58.487	ug/L	96

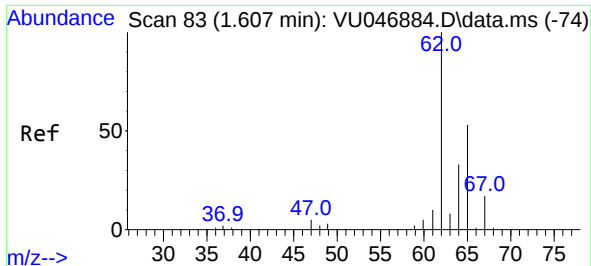
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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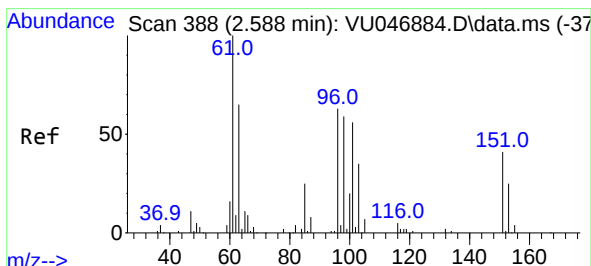
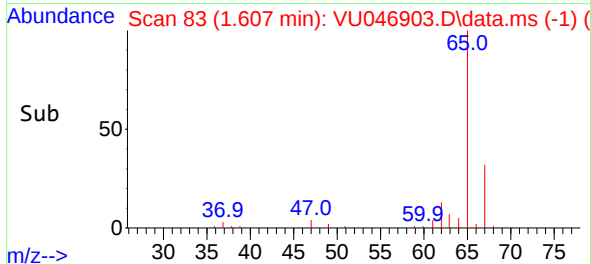
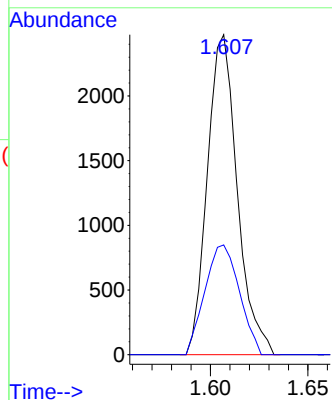
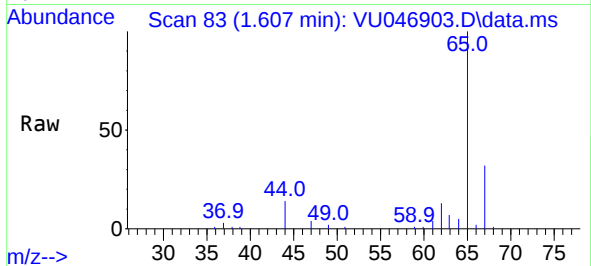




#5
 Vinyl chloride
 Concen: 0.350 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

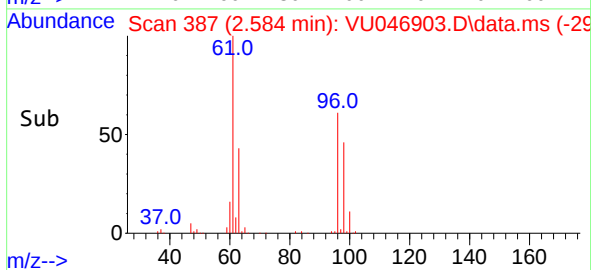
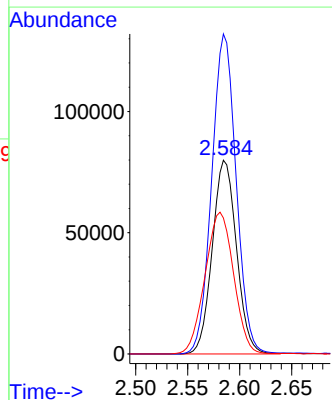
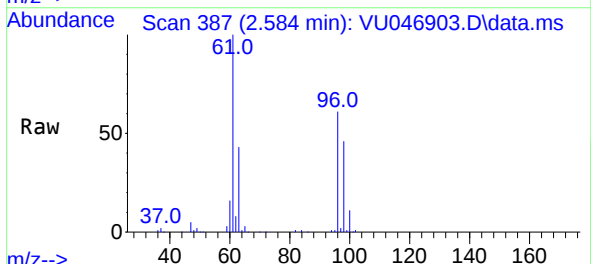
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL5

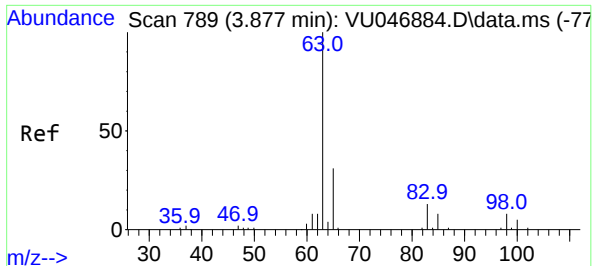
Tgt Ion: 62 Resp: 2636
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 24.828 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

Tgt Ion: 96 Resp: 129399
 Ion Ratio Lower Upper
 96 100
 61 165.1 124.7 231.5
 63 70.2 105.2 195.4#

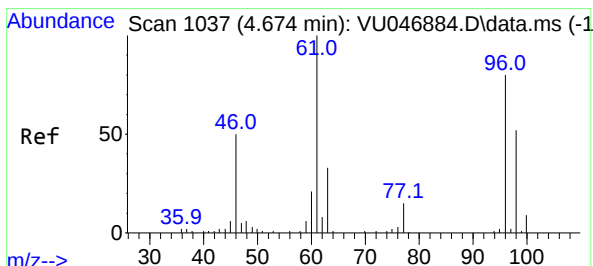
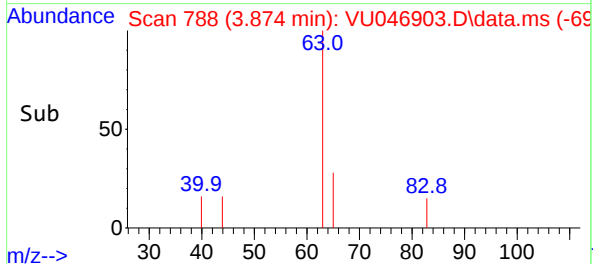
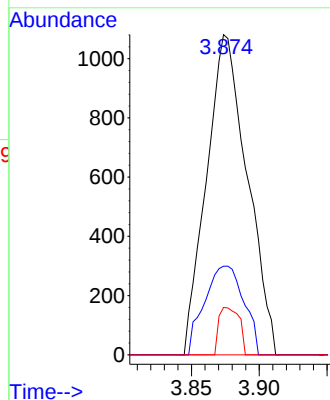
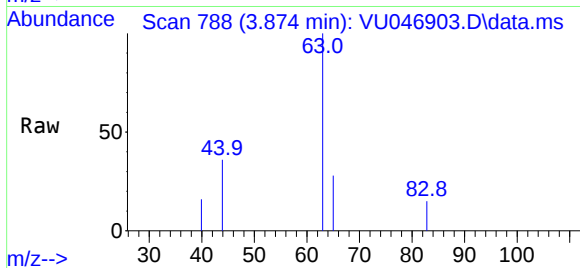




#19
1,1-Dichloroethane
Concen: 0.238 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

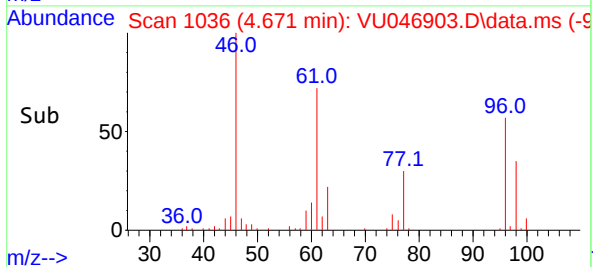
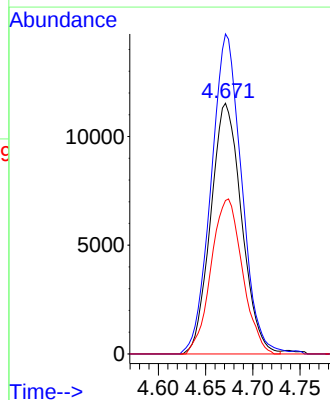
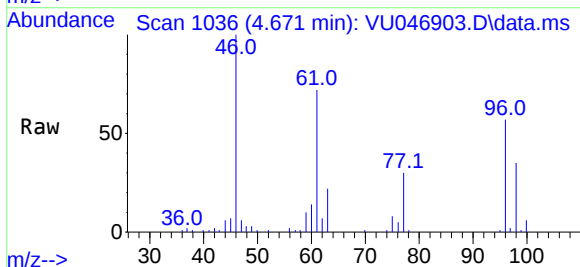
Instrument :
MSVOA_U
ClientSampleId :
COHL5

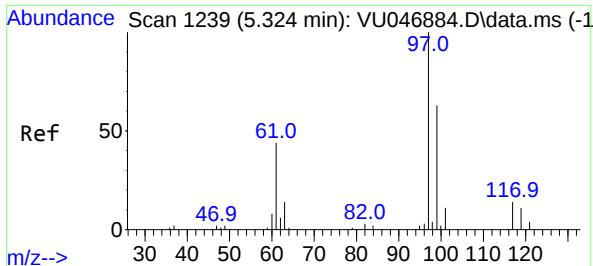
Tgt Ion: 63 Resp: 2252
Ion Ratio Lower Upper
63 100
65 27.7 22.3 41.5
83 14.8 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 4.397 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Tgt Ion: 96 Resp: 26184
Ion Ratio Lower Upper
96 100
61 127.6 88.5 164.3
98 61.2 44.4 82.5



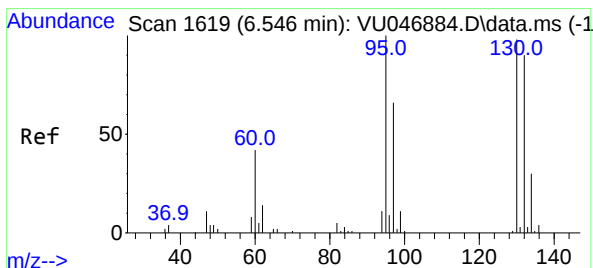
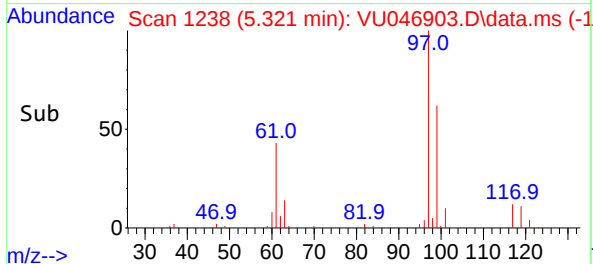
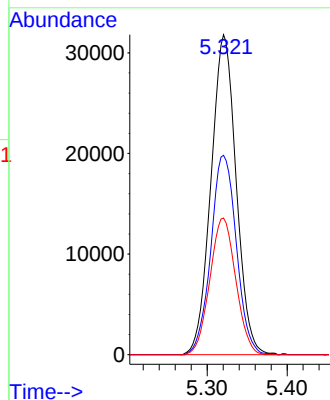
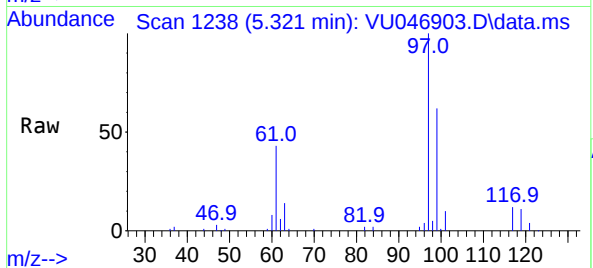


#29
1,1,1-Trichloroethane
Concen: 7.517 ug/L
RT: 5.321 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Instrument :
MSVOA_U
ClientSampleId :
COHL5

Tgt Ion: 97 Resp: 69604

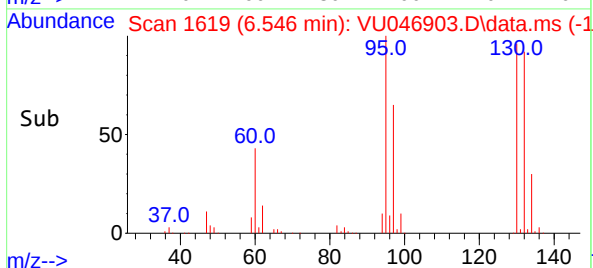
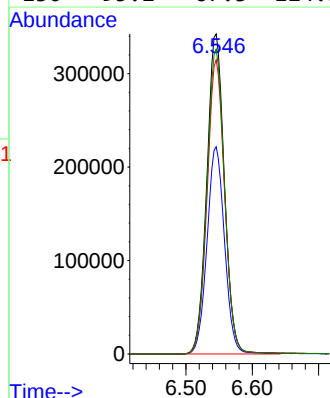
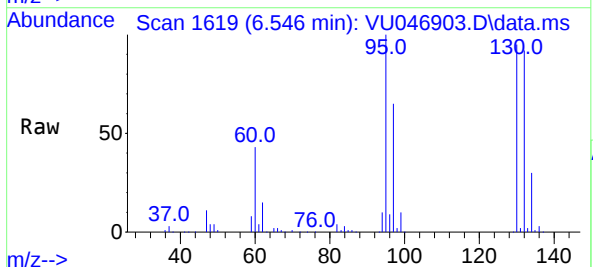
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	43.9	36.1	54.1

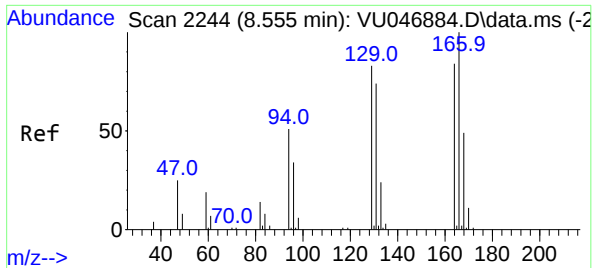


#34
Trichloroethene
Concen: 100.647 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046903.D
Acq: 28 Jan 2022 19:26

Tgt Ion: 95 Resp: 632468

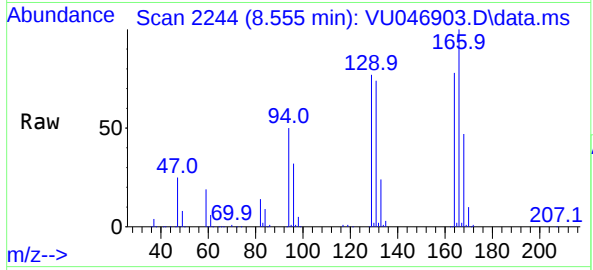
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.5
132	91.9	65.1	120.9
130	95.2	67.3	124.9





#47
 Tetrachloroethene
 Concen: 58.487 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046903.D
 Acq: 28 Jan 2022 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL5



Tgt Ion:164 Resp: 298917

Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.8	133.4
131	94.5	68.5	127.3
166	127.9	94.1	174.8

