

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046969.D
 Acq On : 01 Feb 2022 17:28
 Operator : SY/MD
 Sample : N1273-14 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL2

Quant Time: Feb 02 02:06:02 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

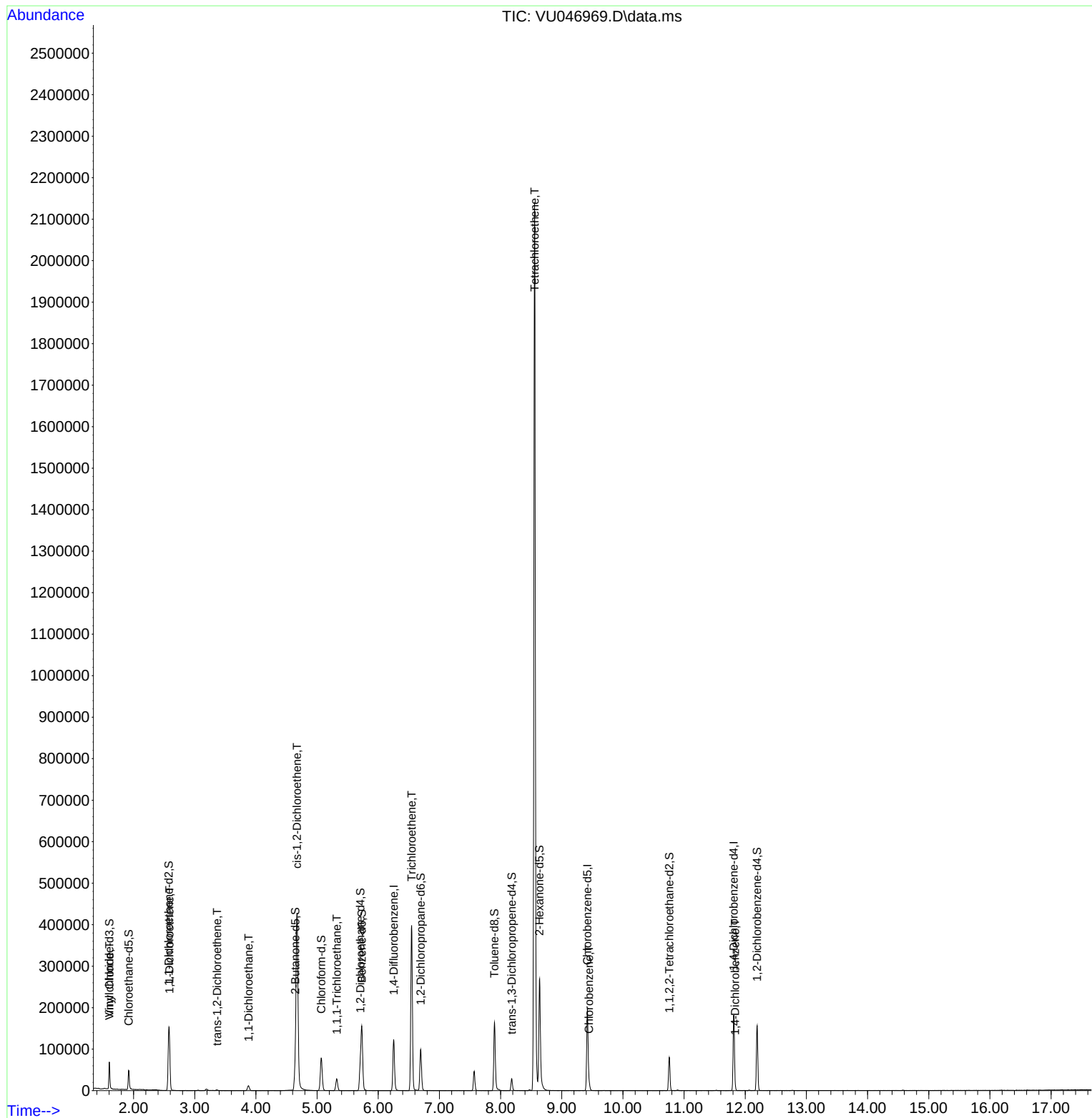
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47533	5.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.919	69	36732	5.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.575	65	18651	5.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%
20) 2-Butanone-d5	4.646	46	115907	45.630	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.260%
24) Chloroform-d	5.070	84	74068	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.707	65	41172	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.732	84	147953	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.694	67	47653	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.899	98	115800	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.182	79	17422	3.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.636	63	102236	38.615	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40768	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40821	4.460	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
5) Vinyl chloride	1.607	62	1674	0.205	ug/L	# 49
12) 1,1-Dichloroethene	2.588	96	30827	5.456	ug/L	89
18) trans-1,2-Dichloroethene	3.366	96	889	0.145	ug/L	88
19) 1,1-Dichloroethane	3.880	63	14132	1.376	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	215286	33.349	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	20262	1.950	ug/L	100
34) Trichloroethene	6.546	95	140511	19.922	ug/L	99
47) Tetrachloroethene	8.555	164	471656	82.224	ug/L	97
51) Chlorobenzene	9.446	112	6457	0.342	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	1690	0.148	ug/L	97

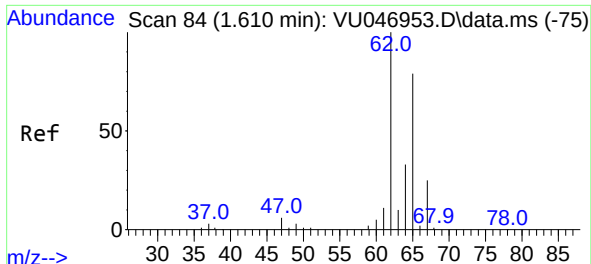
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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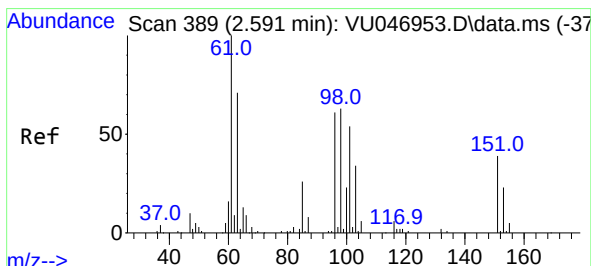
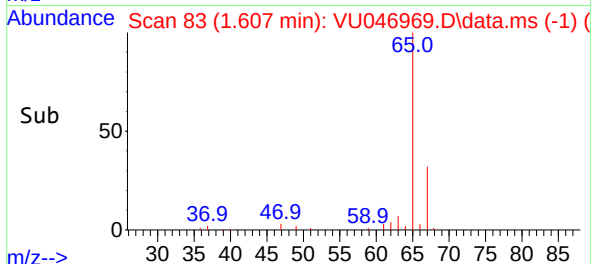
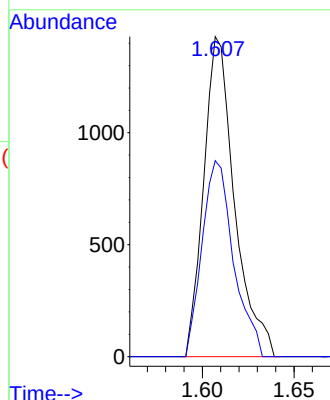
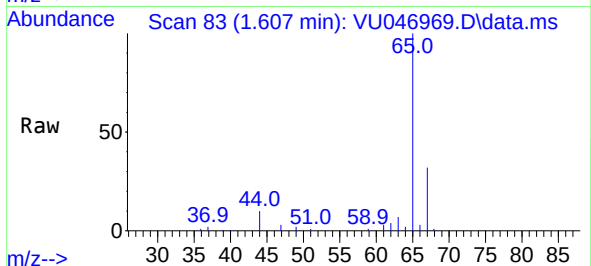




#5
 Vinyl chloride
 Concen: 0.205 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046969.D
 Acq: 01 Feb 2022 17:28

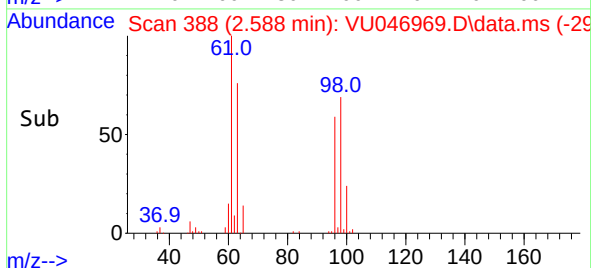
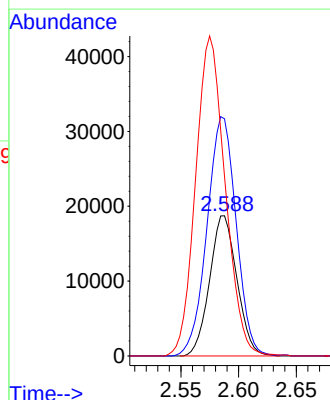
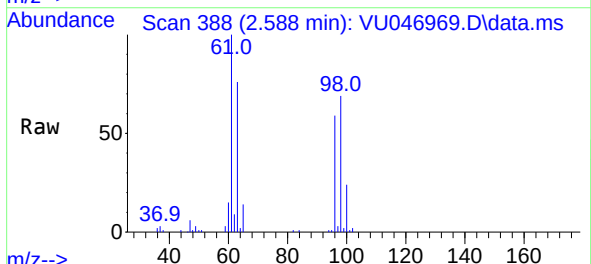
Instrument :
 MSVOA_U
 ClientSampleId :
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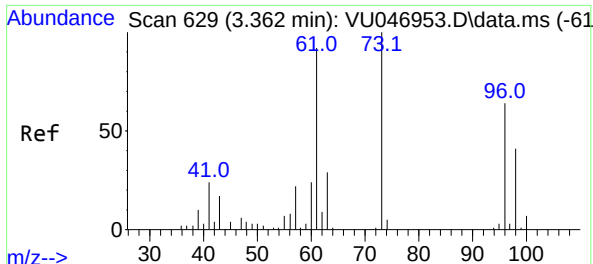
Tgt Ion: 62 Resp: 1674
 Ion Ratio Lower Upper
 62 100
 64 61.2 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 5.456 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046969.D
 Acq: 01 Feb 2022 17:28

Tgt Ion: 96 Resp: 30827
 Ion Ratio Lower Upper
 96 100
 61 169.1 124.7 231.5
 63 128.0 105.2 195.4

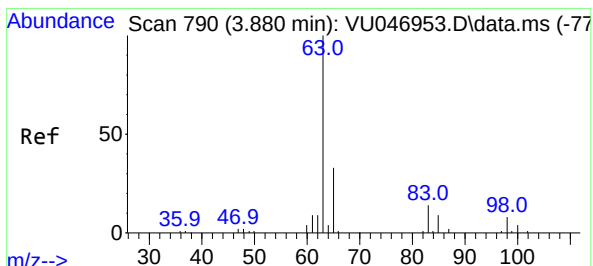
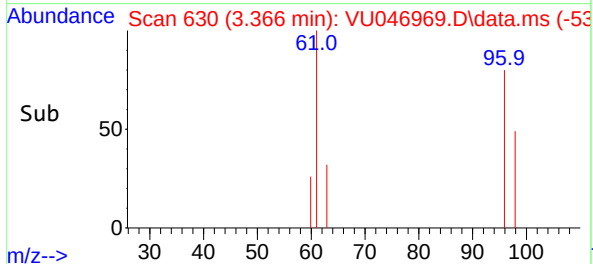
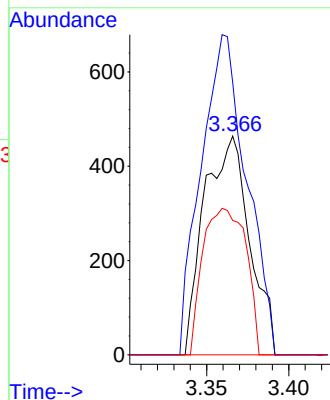
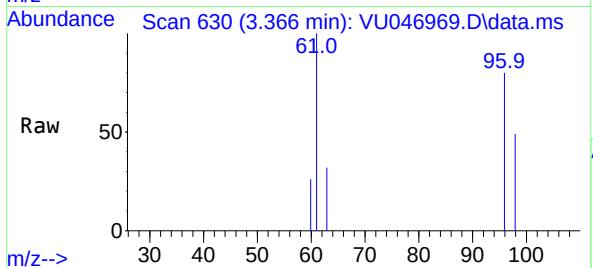




#18
trans-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

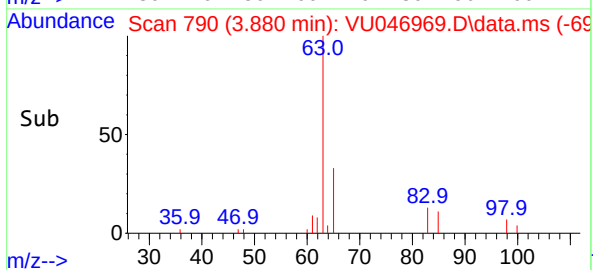
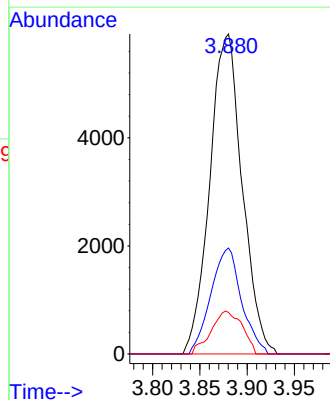
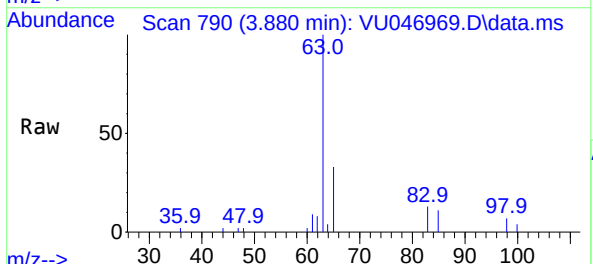
Instrument :
MSVOA_U
ClientSampleId :
COHL2

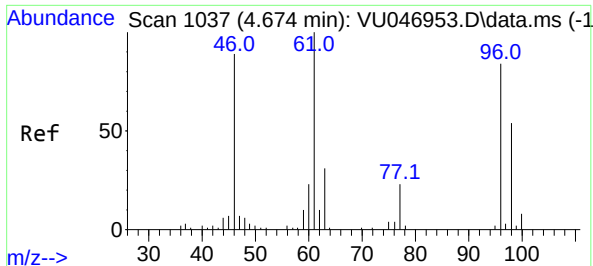
Tgt Ion: 96 Resp: 889
Ion Ratio Lower Upper
96 100
61 124.6 100.8 187.2
98 61.4 45.1 83.7



#19
1,1-Dichloroethane
Concen: 1.376 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

Tgt Ion: 63 Resp: 14132
Ion Ratio Lower Upper
63 100
65 33.1 22.3 41.5
83 13.0 9.6 17.8

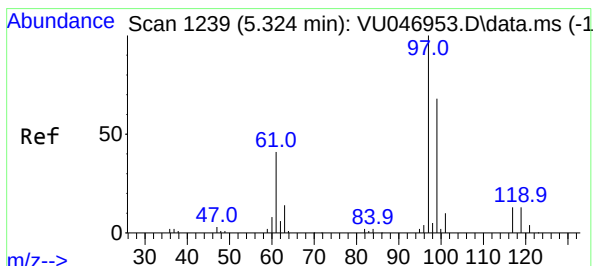
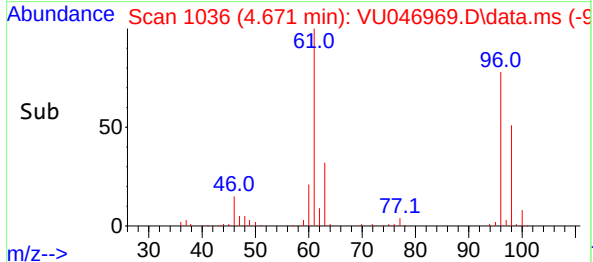
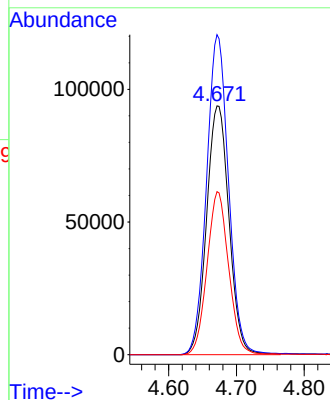
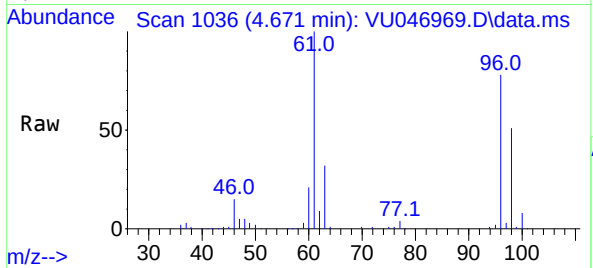




#22
cis-1,2-Dichloroethene
Concen: 33.349 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

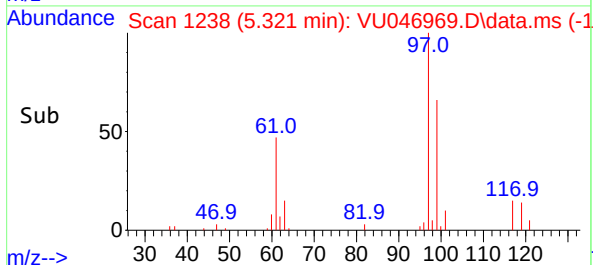
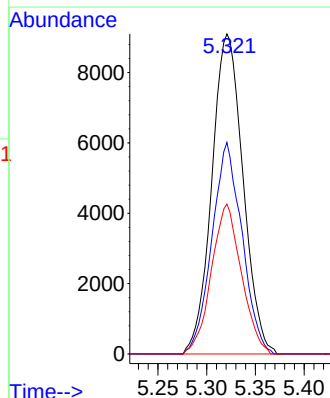
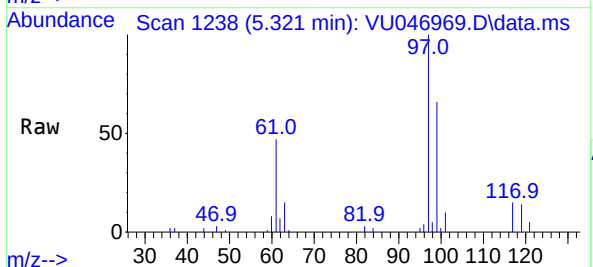
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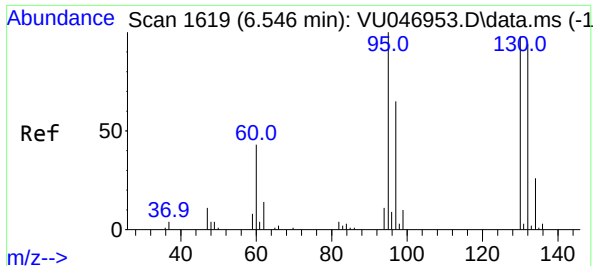
Tgt Ion: 96 Resp: 215286
Ion Ratio Lower Upper
96 100
61 128.6 88.5 164.3
98 65.5 44.4 82.5



#29
1,1,1-Trichloroethane
Concen: 1.950 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

Tgt Ion: 97 Resp: 20262
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 45.1 36.1 54.1

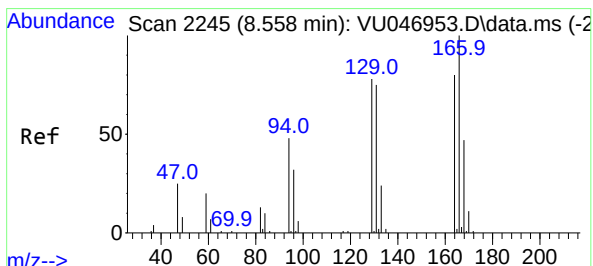
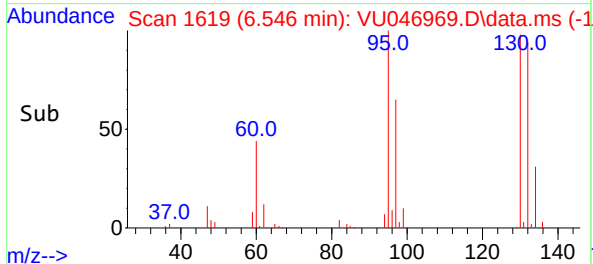
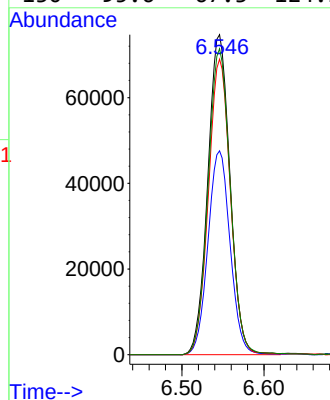
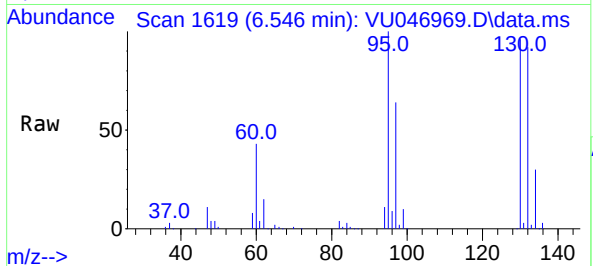




#34
Trichloroethene
Concen: 19.922 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

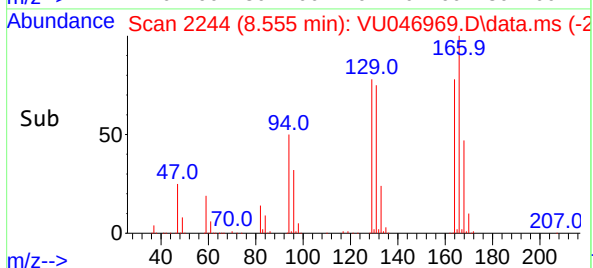
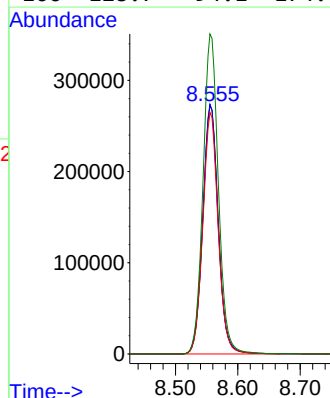
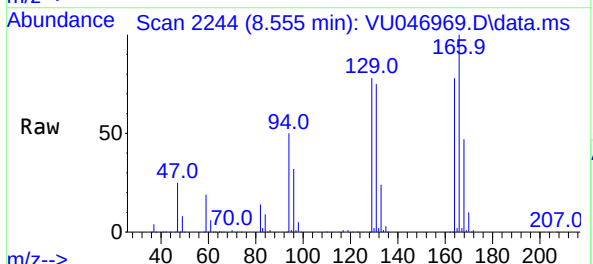
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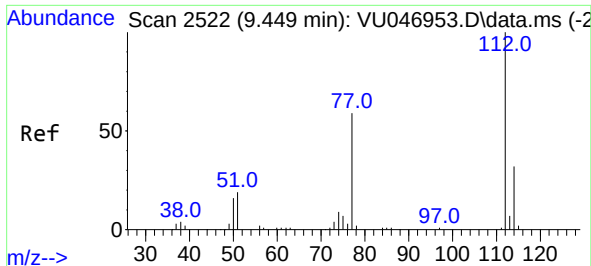
Tgt Ion: 95 Resp: 140511
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.5
132 92.4 65.1 120.9
130 95.6 67.3 124.9



#47
Tetrachloroethene
Concen: 82.224 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

Tgt Ion:164 Resp: 471656
Ion Ratio Lower Upper
164 100
129 100.5 71.8 133.4
131 97.2 68.5 127.3
166 128.7 94.1 174.8

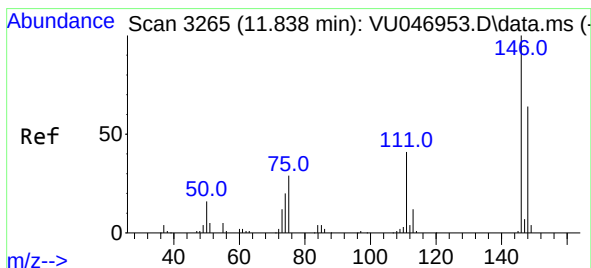
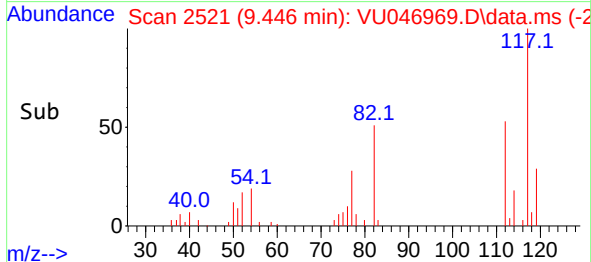
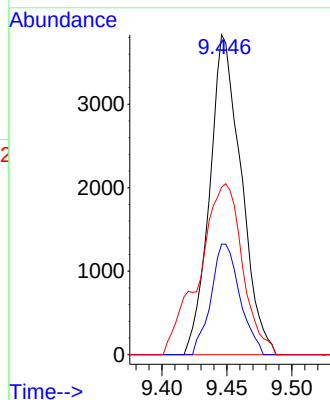
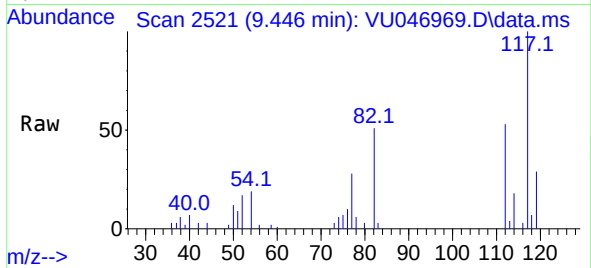




#51
Chlorobenzene
Concen: 0.342 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

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ClientSampleId :
COHL2

Tgt Ion:112	Resp:	6457
Ion	Ratio	Lower Upper
112	100	
114	34.6	22.1 41.1
77	52.4	48.3 72.5



#65
1,4-Dichlorobenzene
Concen: 0.148 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046969.D
Acq: 01 Feb 2022 17:28

Tgt Ion:146	Resp:	1690
Ion	Ratio	Lower Upper
146	100	
111	40.6	28.7 53.3
148	69.4	45.8 85.0

