

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046905.D
 Acq On : 28 Jan 2022 20:15
 Operator : SY/MD
 Sample : N1273-20 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8

Quant Time: Jan 29 00:44:14 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)

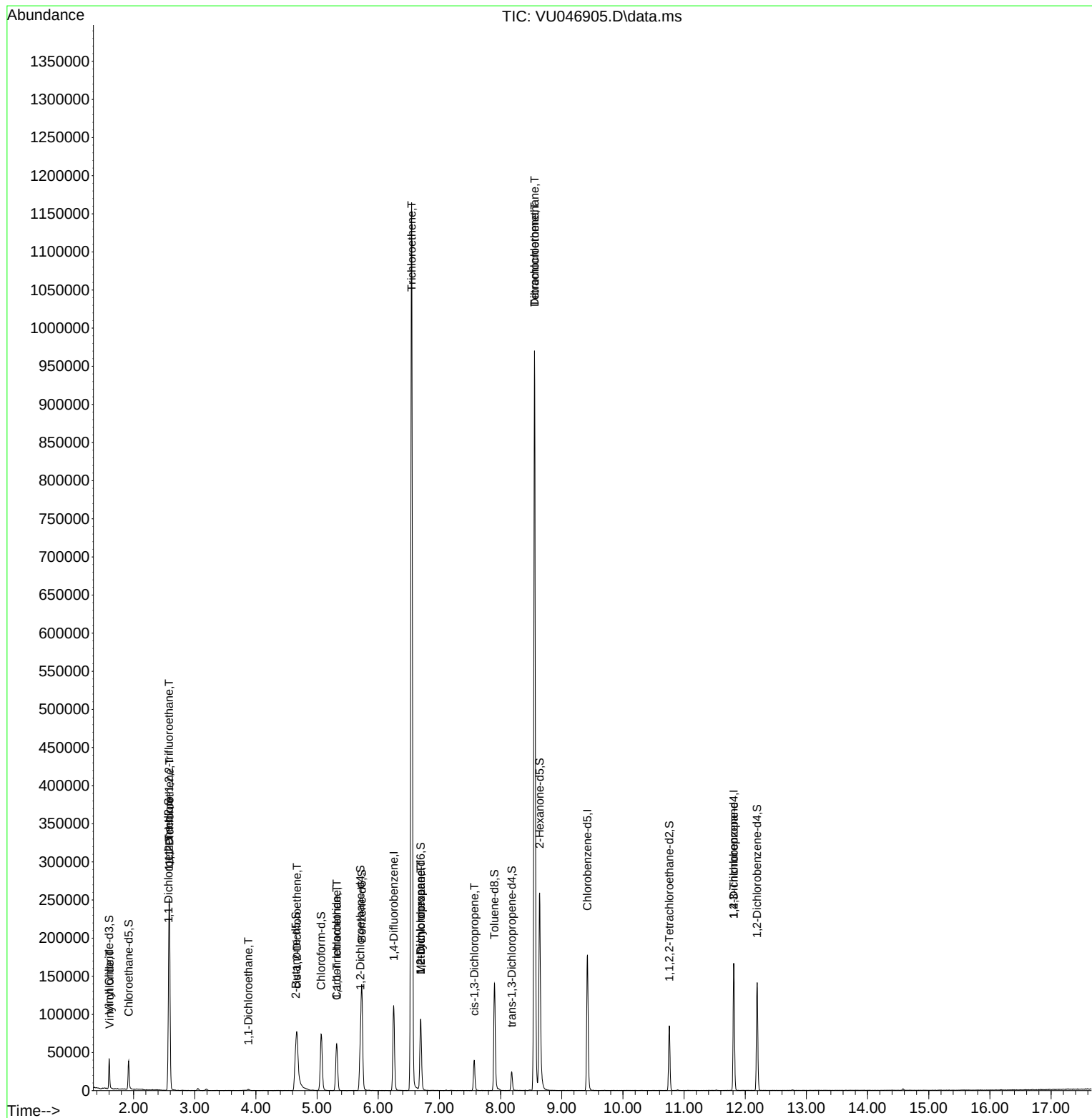
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29421	3.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.919	69	28917	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.571	65	13291	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.652	46	120973	52.175	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	5.067	84	70423	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.706	65	39360	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.732	84	129914	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.693	67	45459	4.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	99207	3.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.182	79	14876	3.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.639	63	102793	43.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42564	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37116	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
5) Vinyl chloride	1.610	62	707	0.095	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	509	0.094	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	75965	14.729	ug/L #	65
19) 1,1-Dichloroethane	3.877	63	1460	0.156	ug/L #	76
22) cis-1,2-Dichloroethene	4.671	96	20005	3.395	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	45302	4.833	ug/L	98
31) Carbon tetrachloride	5.317	117	5670	0.705	ug/L	95
34) Trichloroethene	6.546	95	408744	64.245	ug/L	98
35) Methylcyclohexane	6.693	83	10506	0.986	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4730	0.787	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	952	0.102	ug/L #	72
47) Tetrachloroethene	8.555	164	215165	41.582	ug/L	96
49) Dibromochloromethane	8.555	129	209912	34.795	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5254	1.396	ug/L #	65

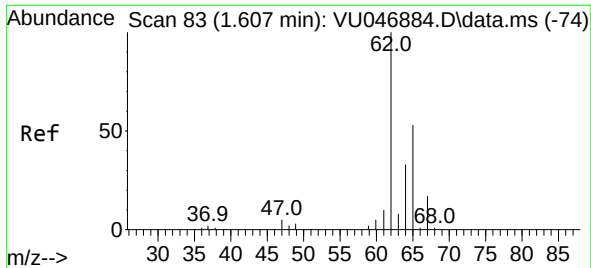
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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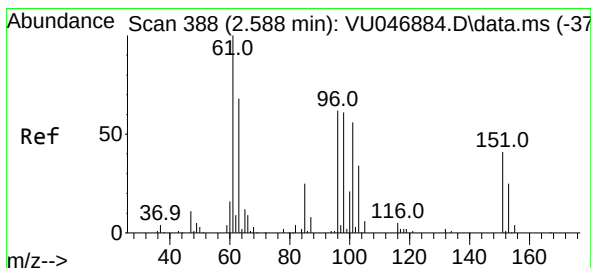
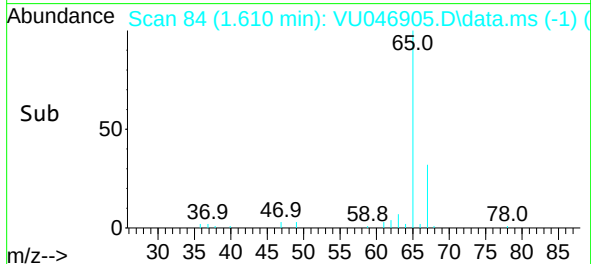
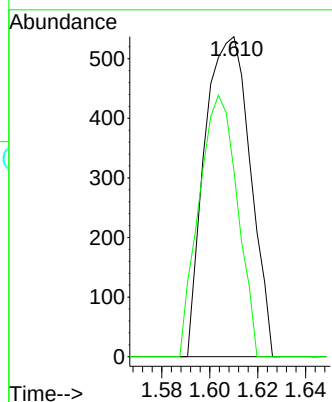
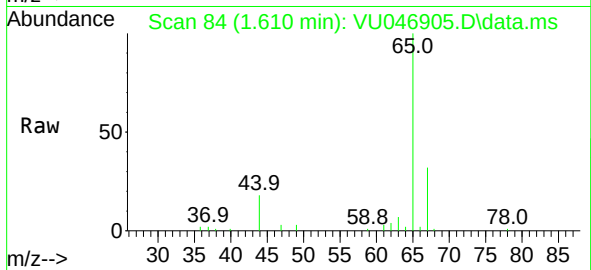




#5
 Vinyl chloride
 Concen: 0.095 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

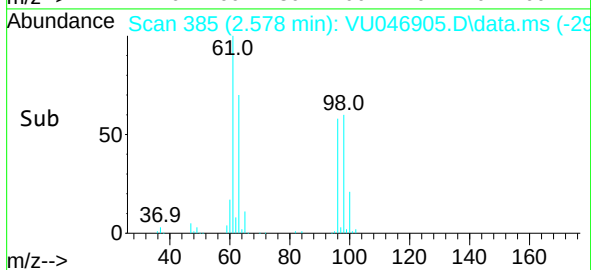
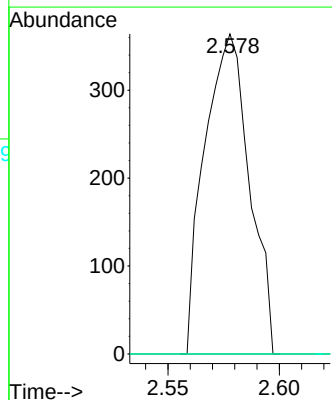
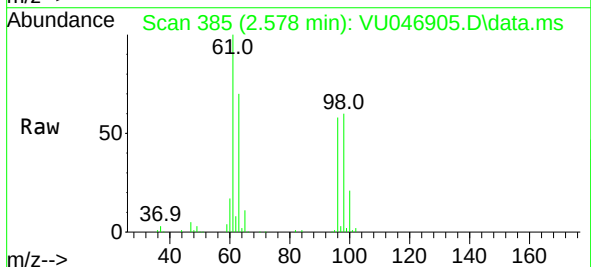
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8

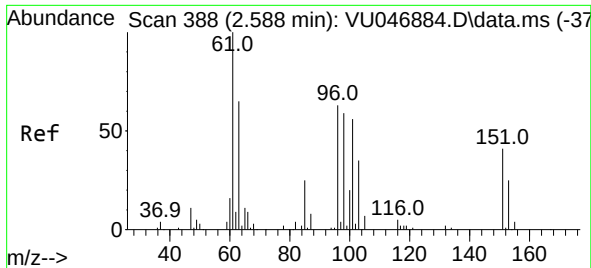
Tgt Ion: 62 Resp: 707
 Ion Ratio Lower Upper
 62 100
 64 58.1 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

Tgt Ion: 101 Resp: 509
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#

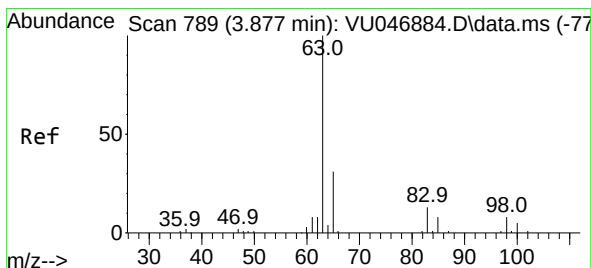
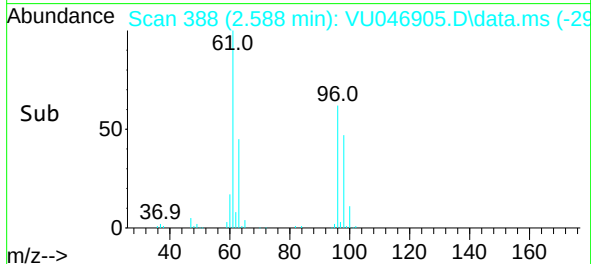
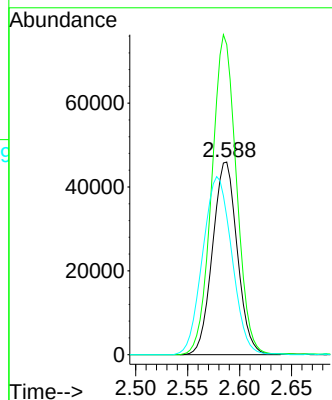
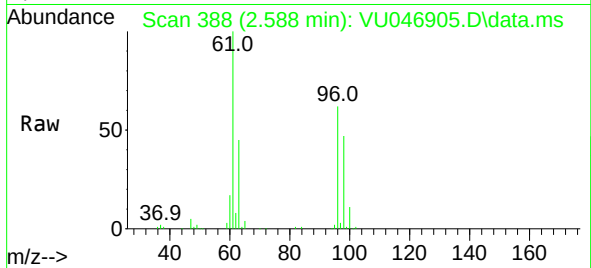




#12
1,1-Dichloroethene
Concen: 14.729 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

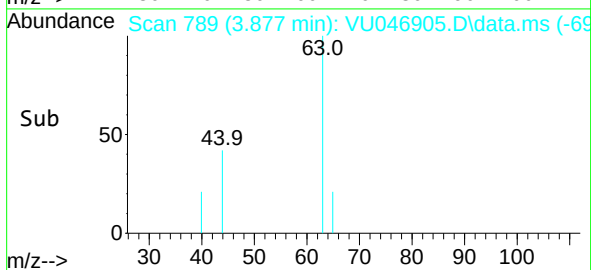
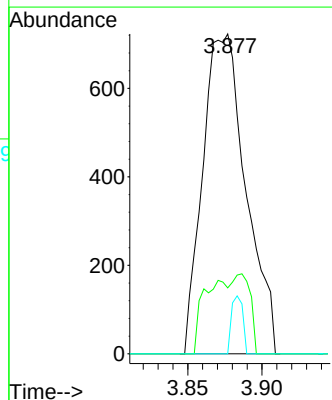
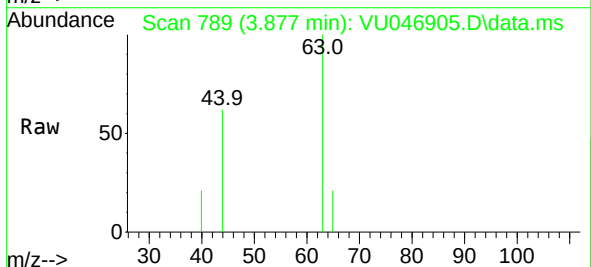
Instrument :
MSVOA_U
ClientSampleId :
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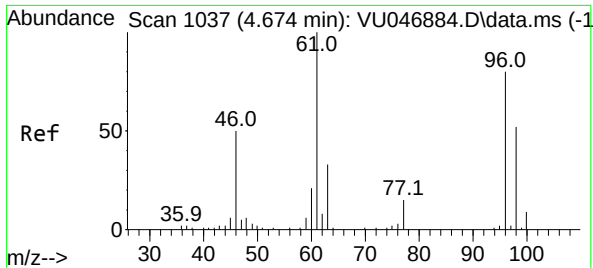
Tgt Ion: 96 Resp: 75965
Ion Ratio Lower Upper
96 100
61 161.0 124.7 231.5
63 71.7 105.2 195.4#



#19
1,1-Dichloroethane
Concen: 0.156 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Tgt Ion: 63 Resp: 1460
Ion Ratio Lower Upper
63 100
65 20.6 22.3 41.5#
83 0.0 9.6 17.8#

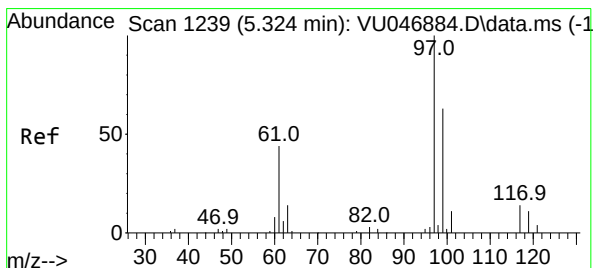
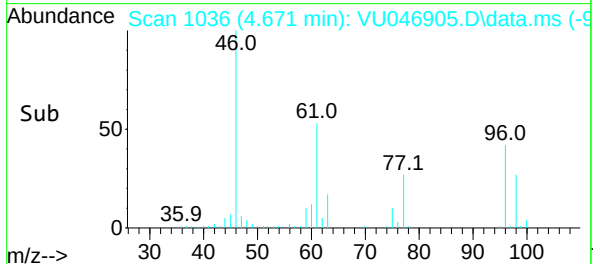
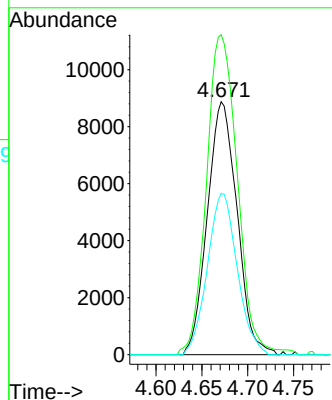
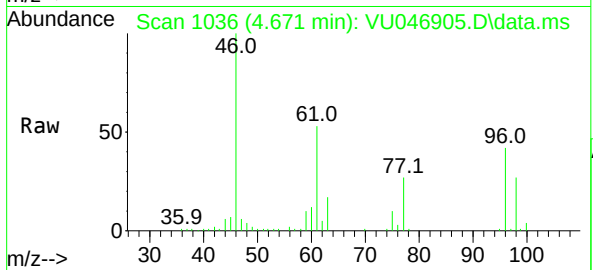




#22
 cis-1,2-Dichloroethene
 Concen: 3.395 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

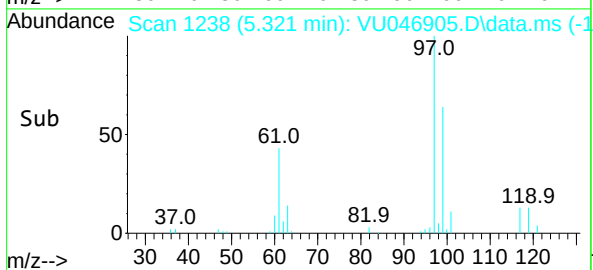
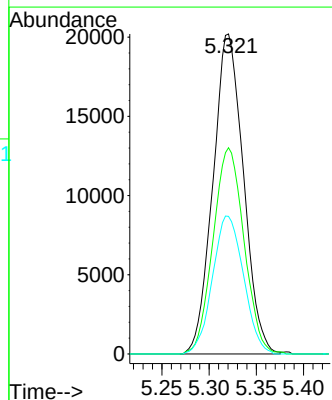
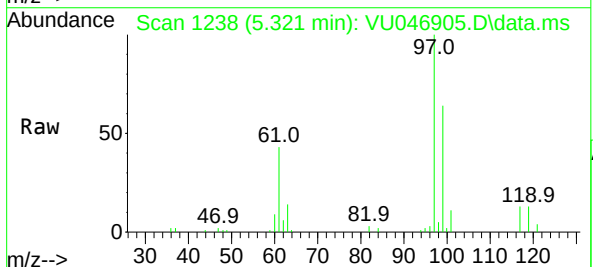
Instrument :
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 ClientSampleId :
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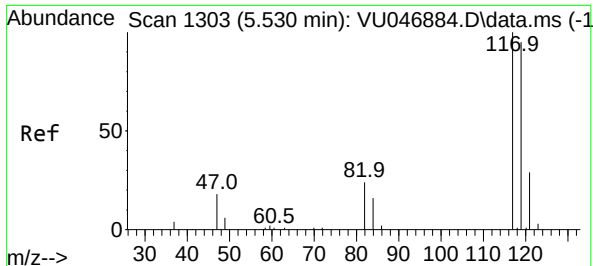
Tgt Ion: 96 Resp: 20005
 Ion Ratio Lower Upper
 96 100
 61 126.5 88.5 164.3
 98 63.8 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 4.833 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

Tgt Ion: 97 Resp: 45302
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.3 76.9
 61 43.9 36.1 54.1

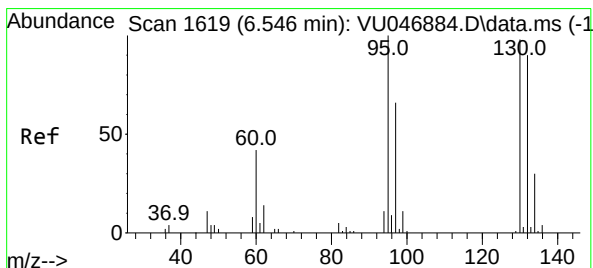
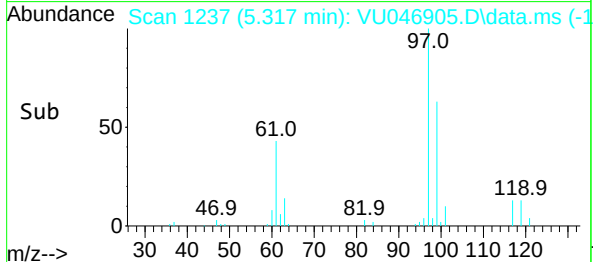
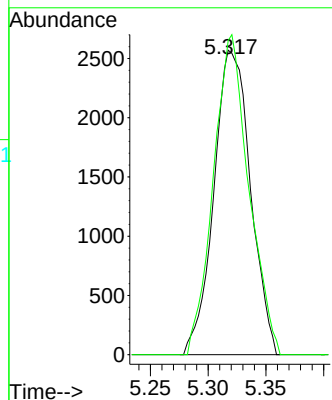
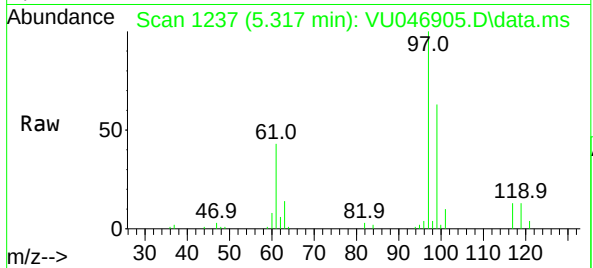




#31
Carbon tetrachloride
Concen: 0.705 ug/L
RT: 5.317 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

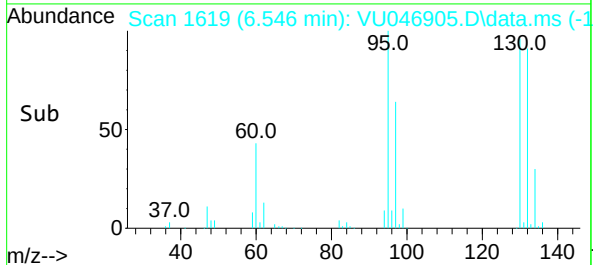
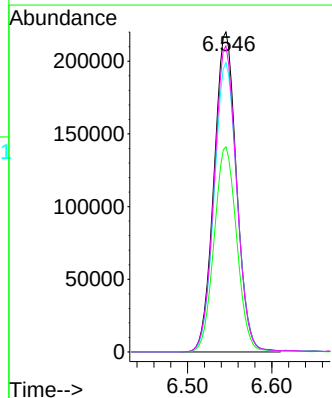
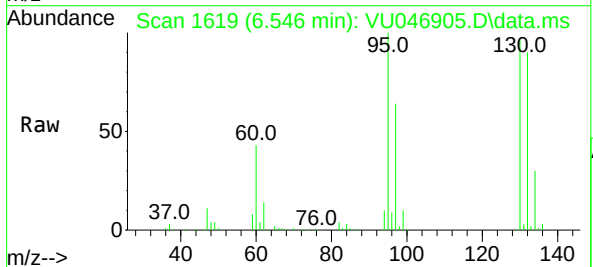
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ClientSampleId :
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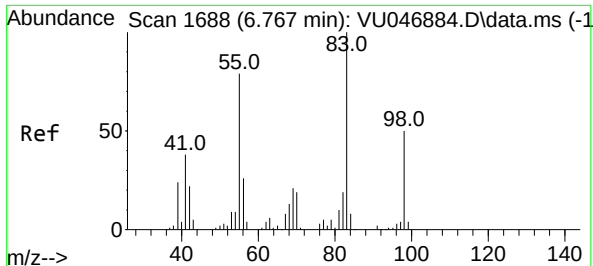
Tgt Ion:117 Resp: 5670
Ion Ratio Lower Upper
117 100
119 101.8 77.5 116.3



#34
Trichloroethene
Concen: 64.245 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Tgt Ion: 95 Resp: 408744
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 90.4 65.1 120.9
130 95.6 67.3 124.9

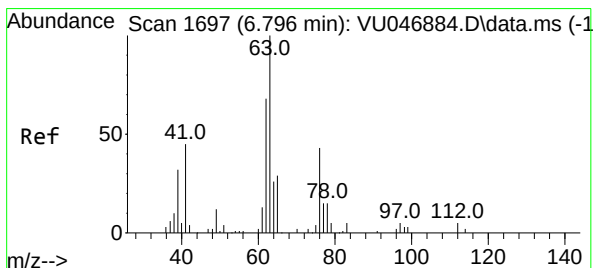
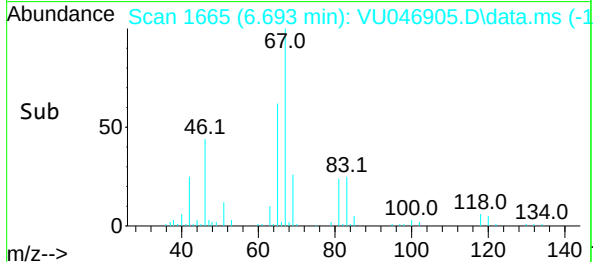
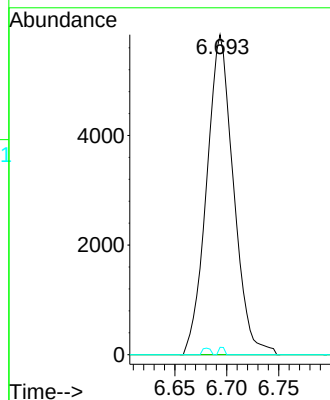
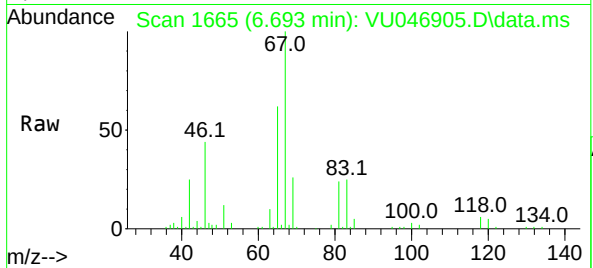




#35
Methylcyclohexane
Concen: 0.986 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

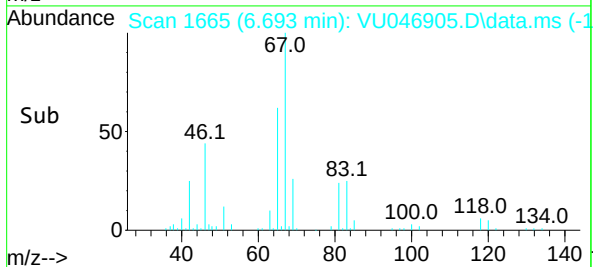
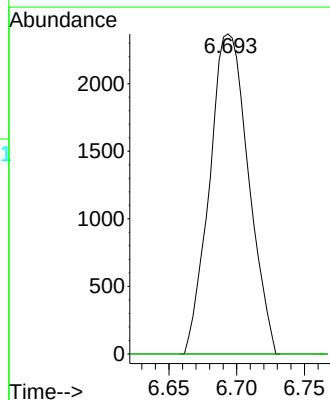
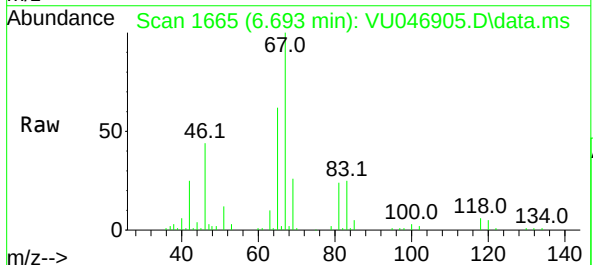
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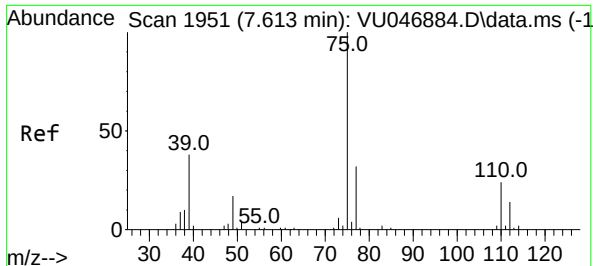
Tgt Ion: 83 Resp: 10506
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.787 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Tgt Ion: 63 Resp: 4730
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

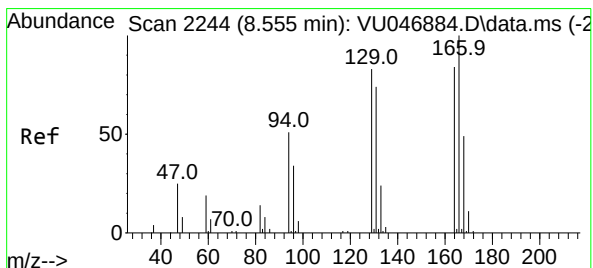
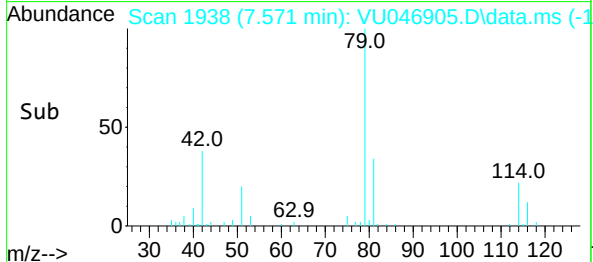
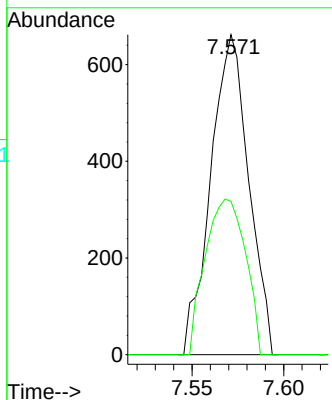
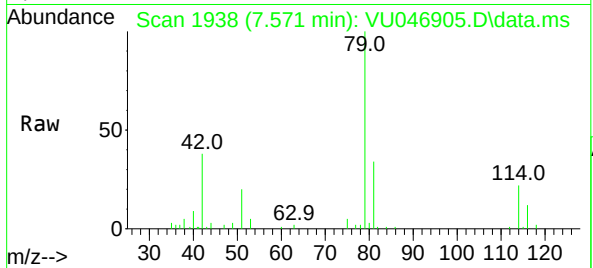




#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

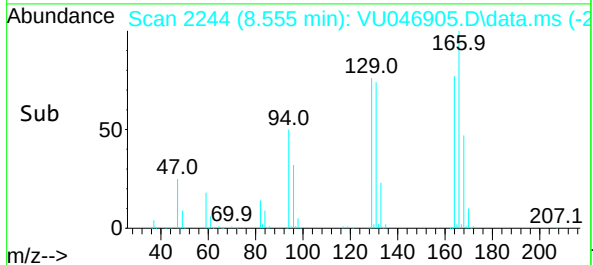
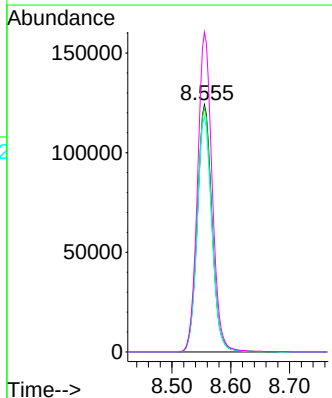
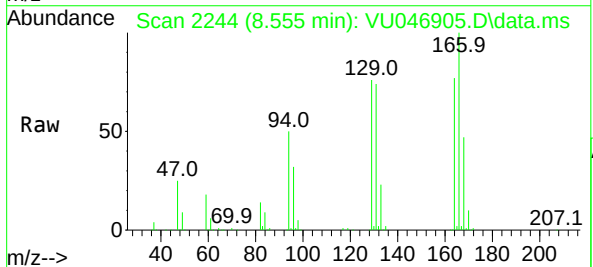
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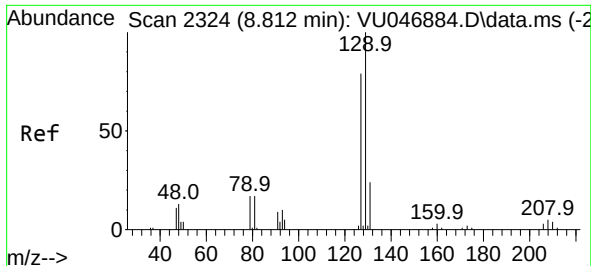
Tgt Ion: 75 Resp: 952
Ion Ratio Lower Upper
75 100
77 47.9 22.5 41.9#



#47
Tetrachloroethene
Concen: 41.582 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Tgt Ion:164 Resp: 215165
Ion Ratio Lower Upper
164 100
129 98.7 71.8 133.4
131 95.3 68.5 127.3
166 129.5 94.1 174.8





#49

Dibromochloromethane

Concen: 34.795 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046905.D

Acq: 28 Jan 2022 20:15

Instrument :

MSVOA_U

ClientSampleId :

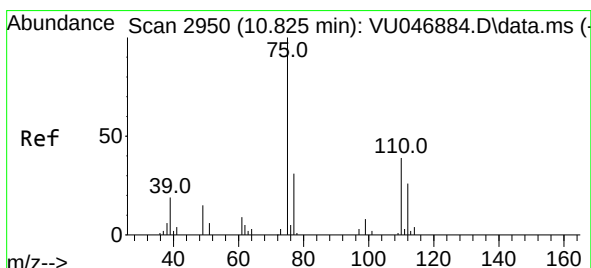
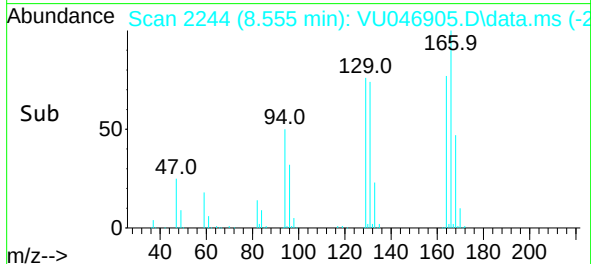
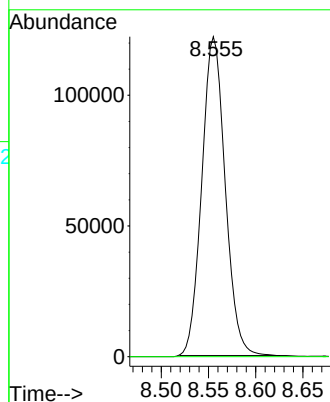
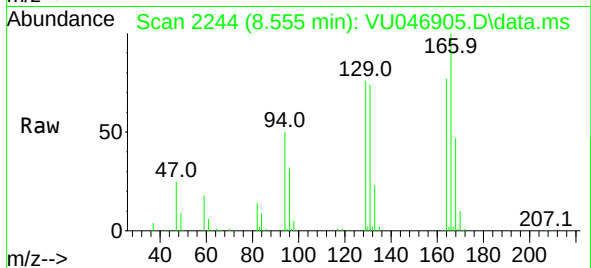
COHL8

Tgt Ion:129 Resp: 209912

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.396 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046905.D

Acq: 28 Jan 2022 20:15

Tgt Ion: 75 Resp: 5254

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 33.1 25.5 38.3

