

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046974.D
 Acq On : 01 Feb 2022 19:28
 Operator : SY/MD
 Sample : N1273-21 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

Quant Time: Feb 02 02:07:03 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)

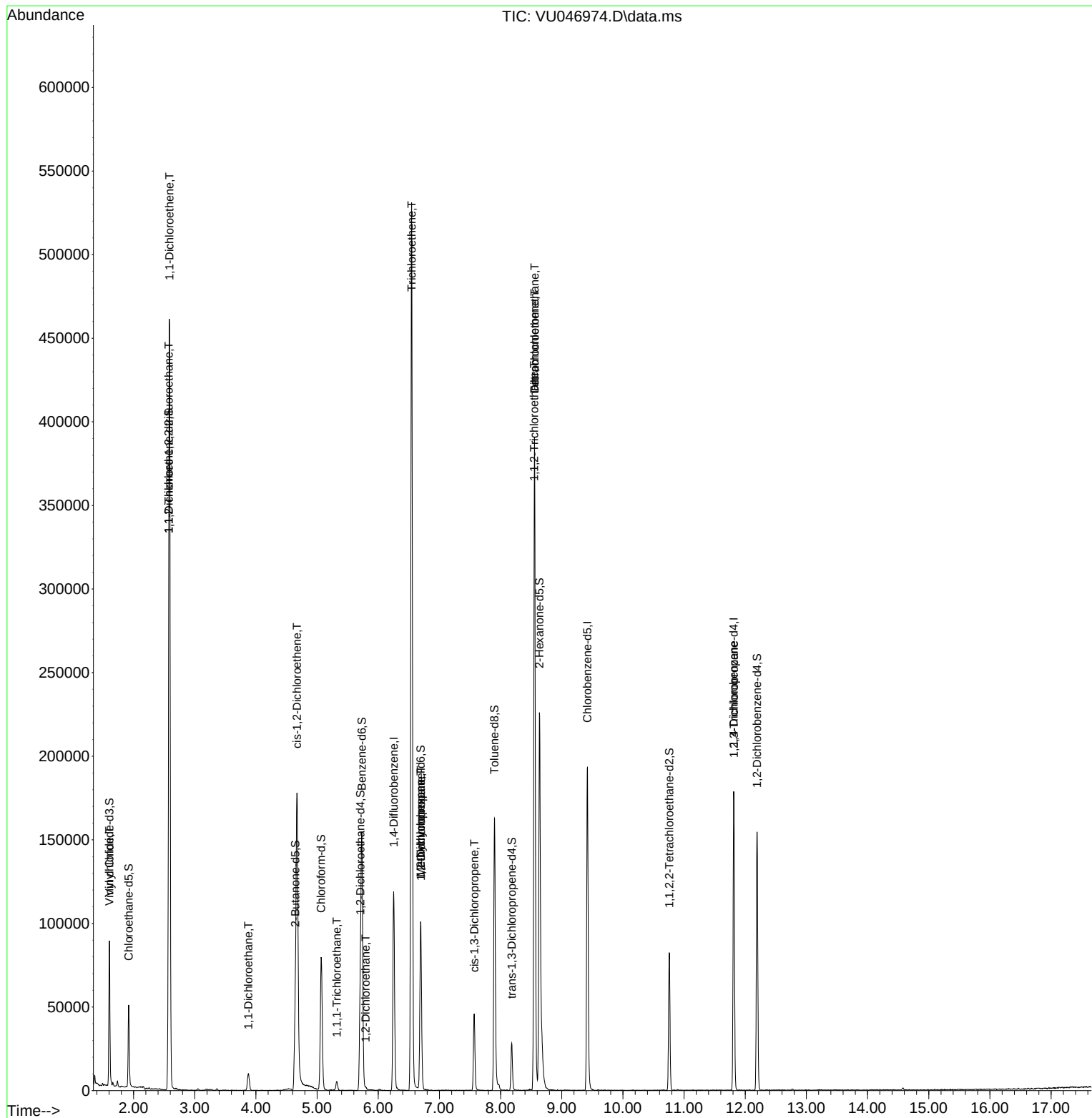
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47894	5.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.919	69	37830	5.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.000%
11) 1,1-Dichloroethene-d2	2.575	65	18887	5.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.800%
20) 2-Butanone-d5	4.645	46	98582	39.869	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.740%
24) Chloroform-d	5.067	84	75393	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.706	65	41559	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.732	84	149296	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.694	67	49187	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	115669	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.182	79	16869	3.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.636	63	94589	36.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41787	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	40302	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
5) Vinyl chloride	1.607	62	16918	2.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	718	0.125	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	145373	26.432	ug/L #	65
19) 1,1-Dichloroethane	3.877	63	12814	1.281	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	82335	13.102	ug/L	96
27) 1,2-Dichloroethane	5.793	62	676	0.096	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	3912	0.380	ug/L	97
34) Trichloroethene	6.546	95	184649	26.401	ug/L	98
35) Methylcyclohexane	6.694	83	11510	0.982	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5305	0.803	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1042	0.101	ug/L #	40
45) 1,1,2-Trichloroethane	8.549	97	708	0.126	ug/L #	3
47) Tetrachloroethene	8.555	164	87121	15.316	ug/L	97
49) Dibromochloromethane	8.555	129	87609	13.210	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6084	1.518	ug/L #	65

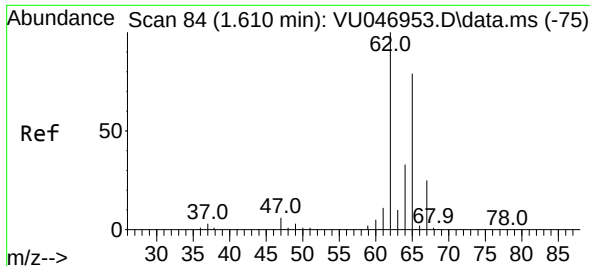
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046974.D
Acq On : 01 Feb 2022 19:28
Operator : SY/MD
Sample : N1273-21 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COHL9

Quant Time: Feb 02 02:07:03 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

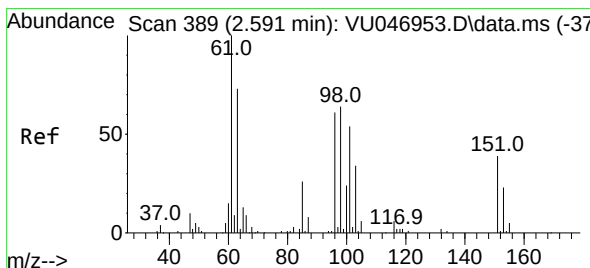
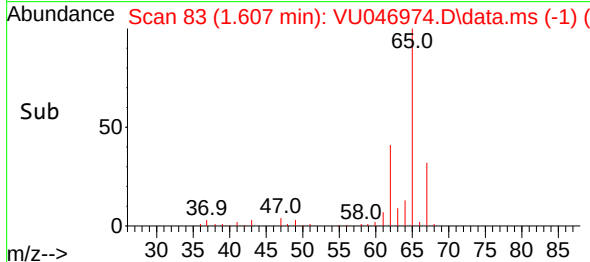
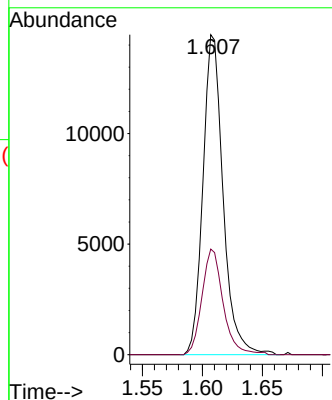
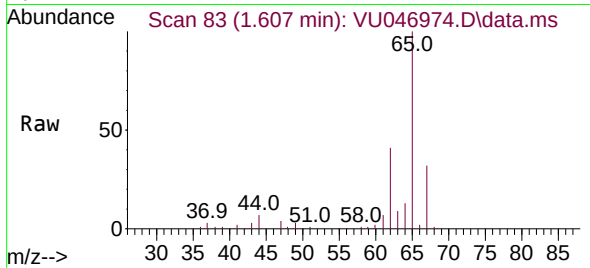




#5
 Vinyl chloride
 Concen: 2.130 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

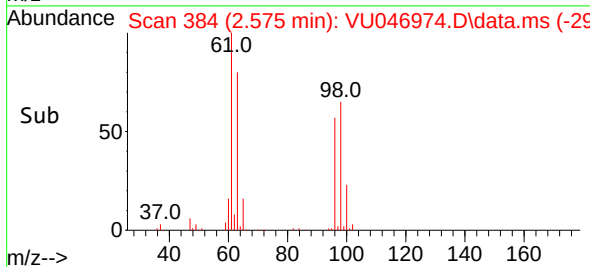
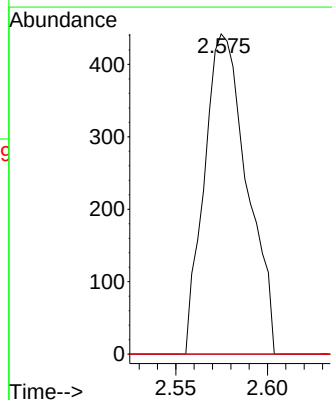
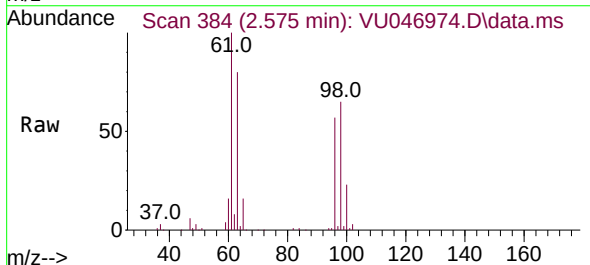
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

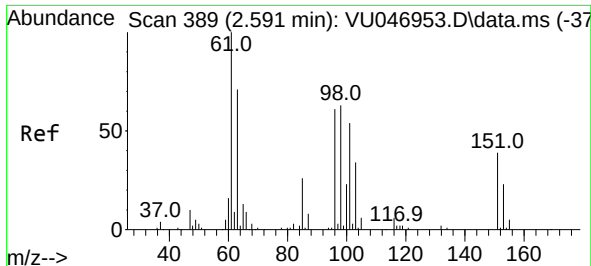
Tgt Ion: 62 Resp: 16918
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.125 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

Tgt Ion: 101 Resp: 718
 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: 26.432 ug/L

RT: 2.588 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

Instrument :

MSVOA_U

ClientSampleId :

COHL9

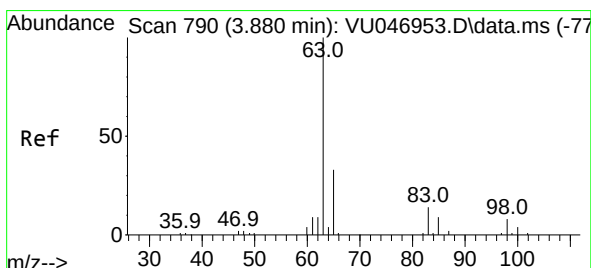
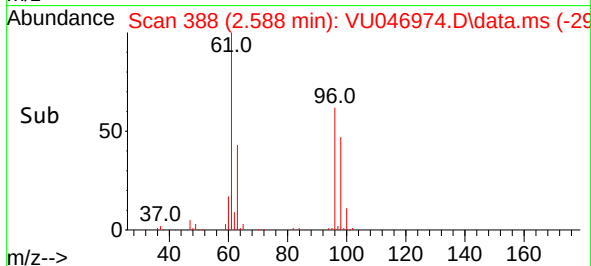
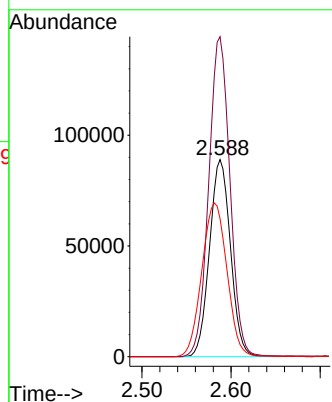
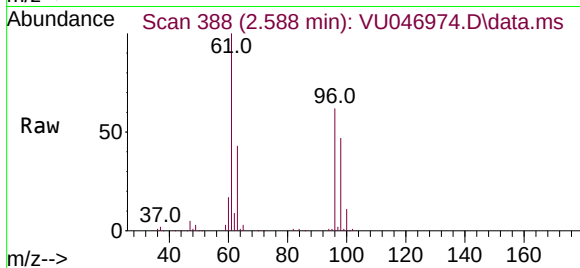
Tgt Ion: 96 Resp: 145373

Ion Ratio Lower Upper

96 100

61 162.3 124.7 231.5

63 70.1 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 1.281 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

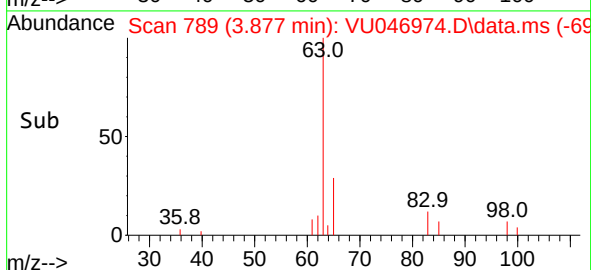
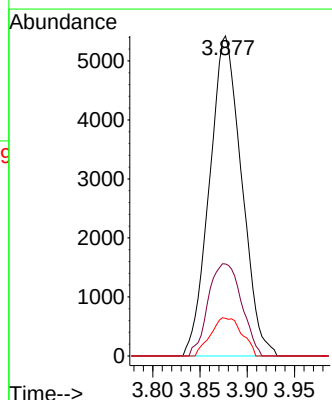
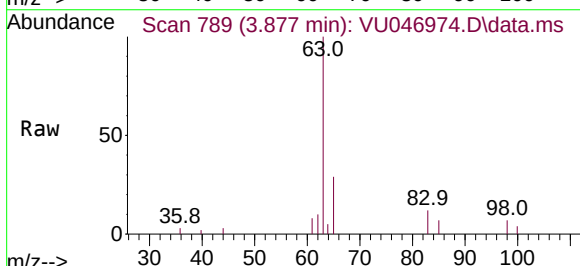
Tgt Ion: 63 Resp: 12814

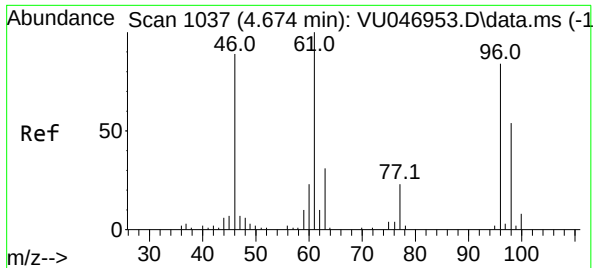
Ion Ratio Lower Upper

63 100

65 28.8 22.3 41.5

83 11.7 9.6 17.8

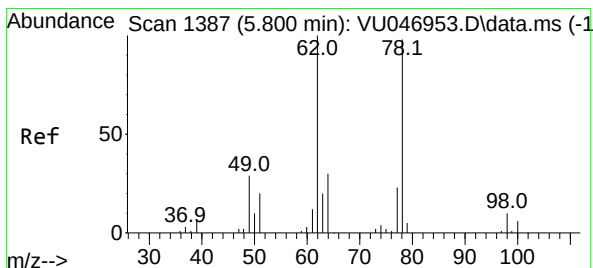
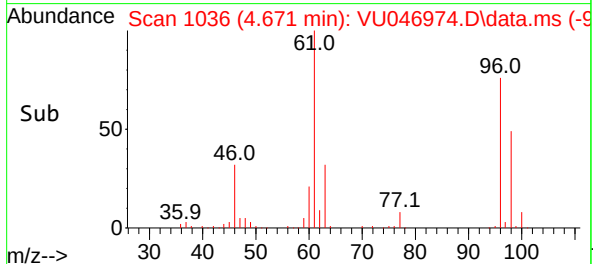
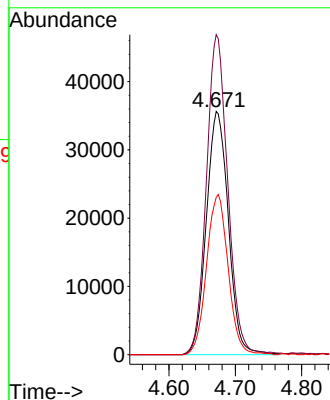
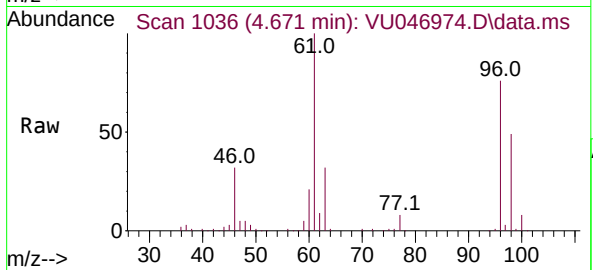




#22
 cis-1,2-Dichloroethene
 Concen: 13.102 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

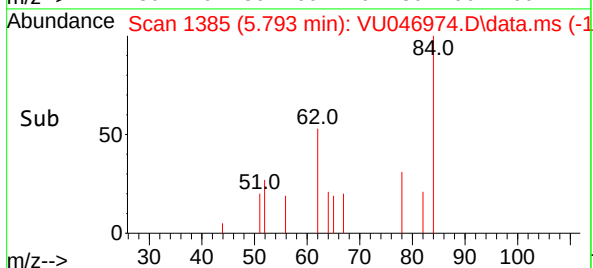
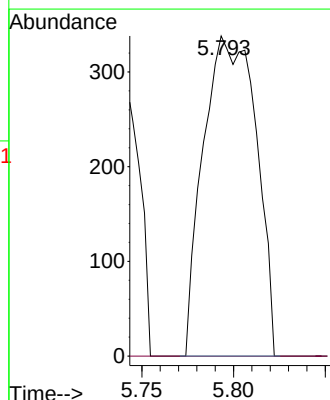
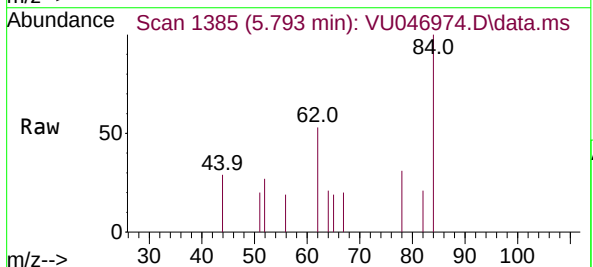
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

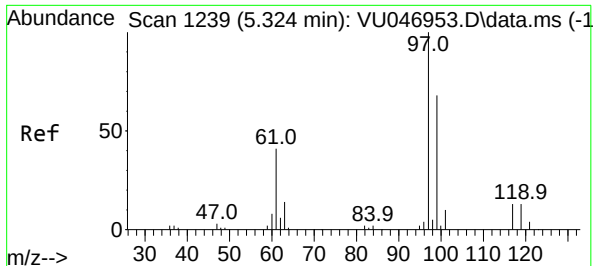
Tgt Ion: 96 Resp: 82335
 Ion Ratio Lower Upper
 96 100
 61 131.6 88.5 164.3
 98 64.7 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.096 ug/L
 RT: 5.793 min Scan# 1385
 Delta R.T. -0.006 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

Tgt Ion: 62 Resp: 676
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#

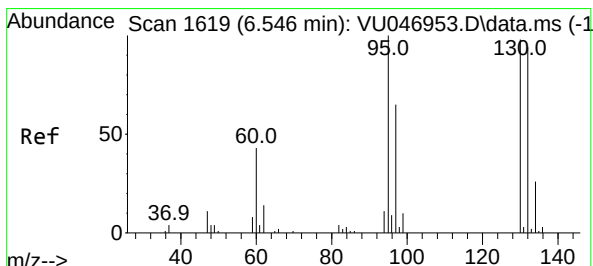
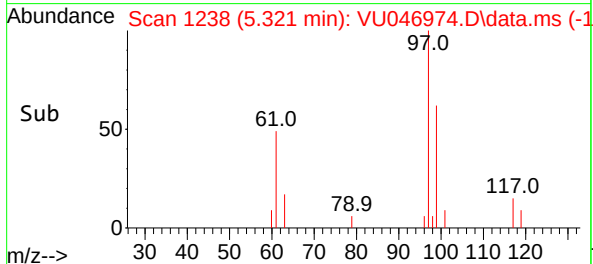
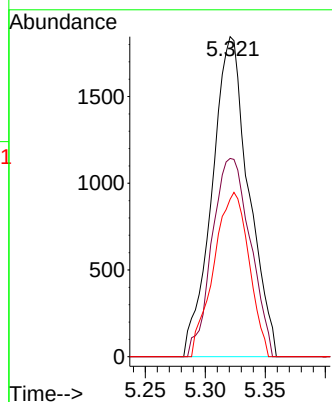
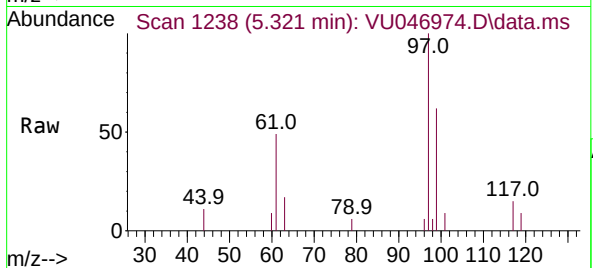




#29
1,1,1-Trichloroethane
Concen: 0.380 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046974.D
Acq: 01 Feb 2022 19:28

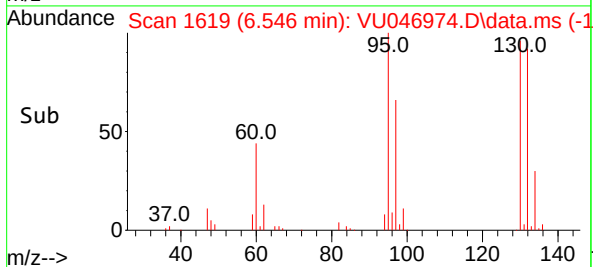
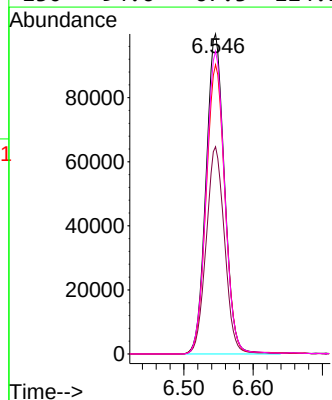
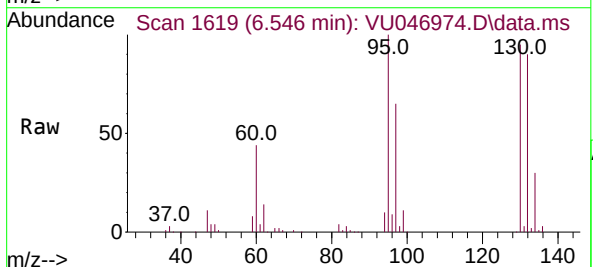
Instrument :
MSVOA_U
ClientSampleId :
COHL9

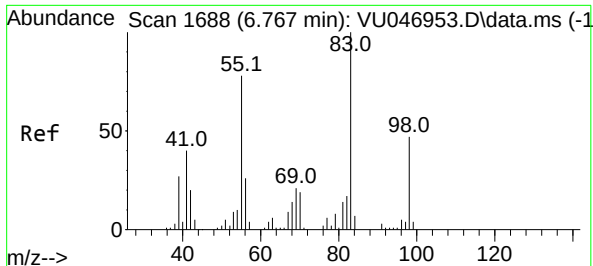
Tgt Ion: 97	Resp:	3912
Ion	Ratio	Lower Upper
97	100	
99	64.7	51.3 76.9
61	49.4	36.1 54.1



#34
Trichloroethene
Concen: 26.401 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046974.D
Acq: 01 Feb 2022 19:28

Tgt Ion: 95	Resp:	184649
Ion	Ratio	Lower Upper
95	100	
97	64.8	46.5 86.5
132	90.4	65.1 120.9
130	94.6	67.3 124.9

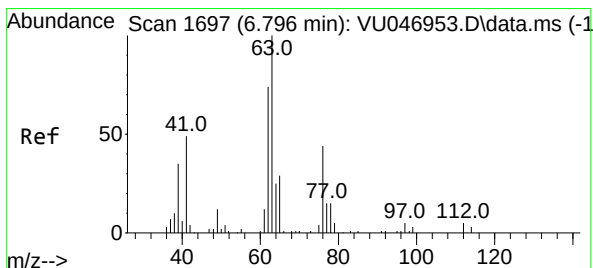
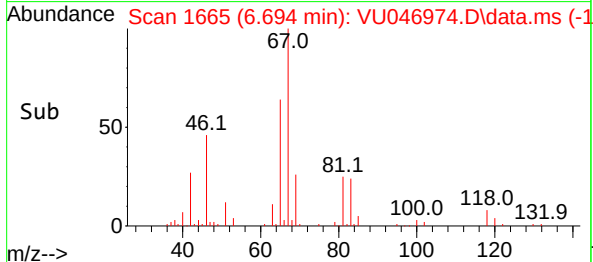
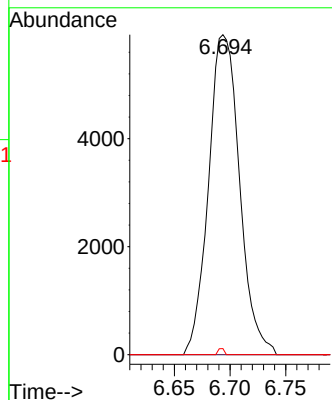
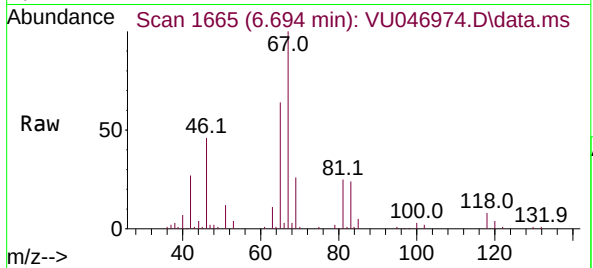




#35
Methylcyclohexane
Concen: 0.982 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046974.D
Acq: 01 Feb 2022 19:28

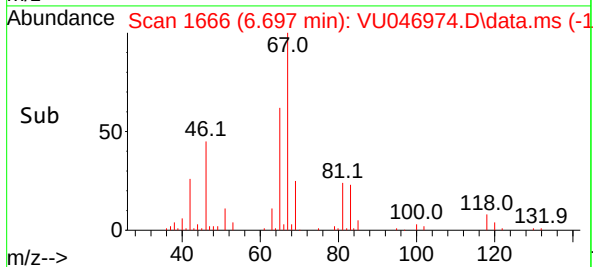
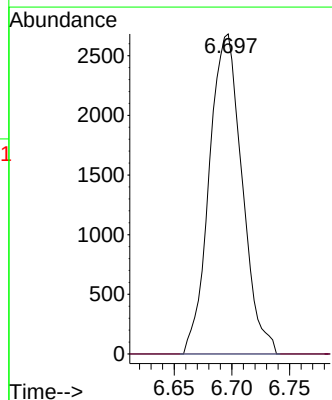
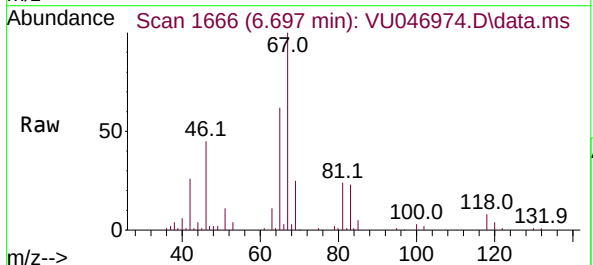
Instrument :
MSVOA_U
ClientSampleId :
COHL9

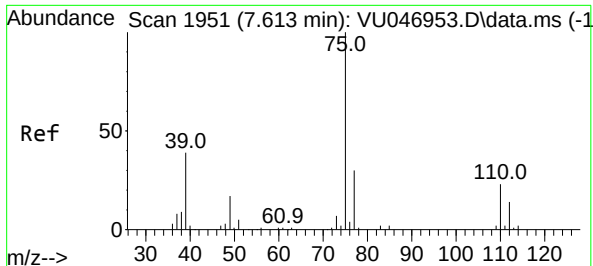
Tgt Ion: 83 Resp: 11510
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.803 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046974.D
Acq: 01 Feb 2022 19:28

Tgt Ion: 63 Resp: 5305
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.571 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

Instrument :

MSVOA_U

ClientSampleId :

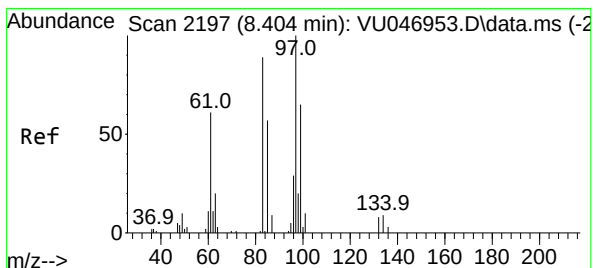
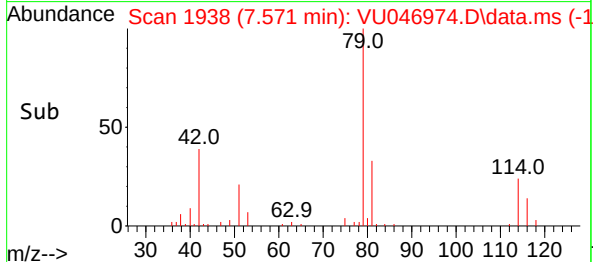
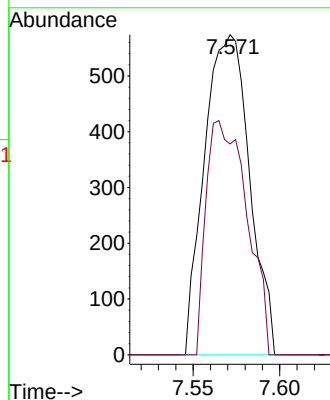
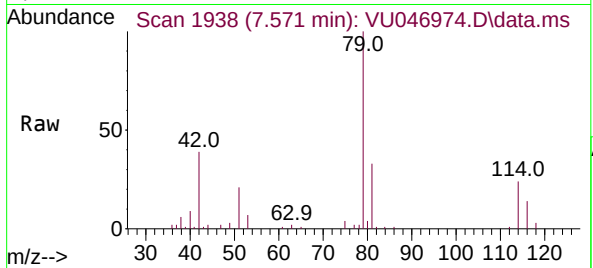
COHL9

Tgt Ion: 75 Resp: 1042

Ion Ratio Lower Upper

75 100

77 65.9 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.126 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.145 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

Tgt Ion: 97 Resp: 708

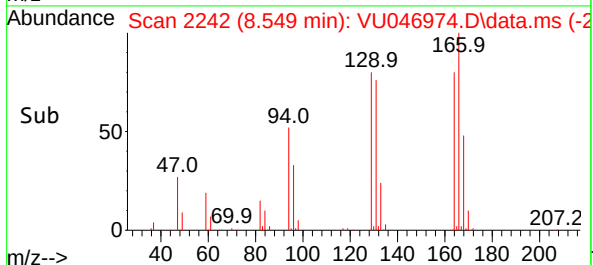
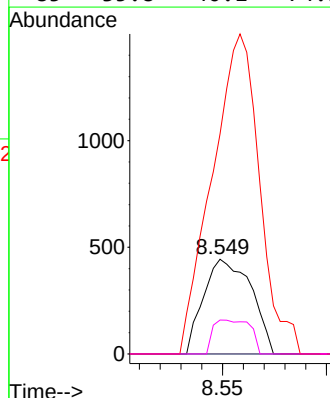
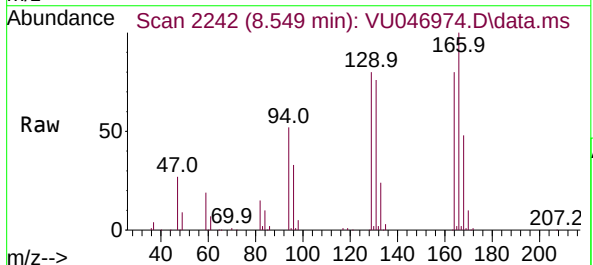
Ion Ratio Lower Upper

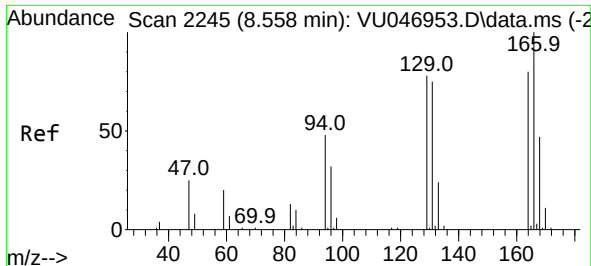
97 100

99 0.0 42.3 78.5#

83 232.2 62.0 115.2#

85 35.8 40.1 74.5#





#47

Tetrachloroethene

Concen: 15.316 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

Instrument :

MSVOA_U

ClientSampleId :

COHL9

Tgt Ion:164 Resp: 87121

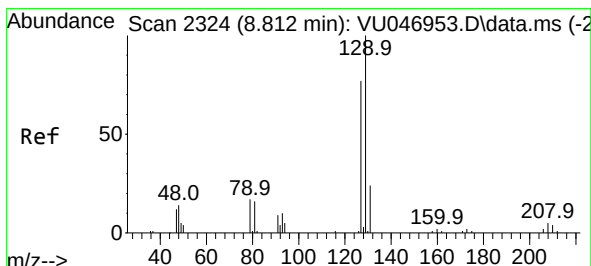
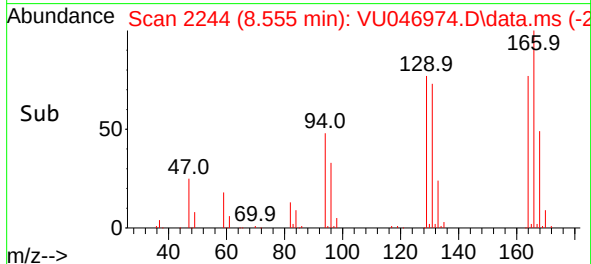
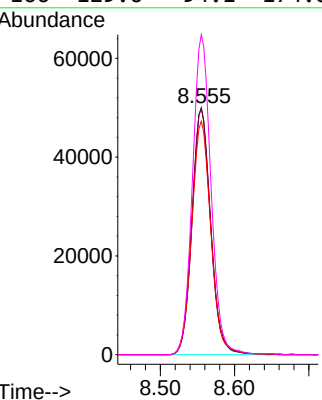
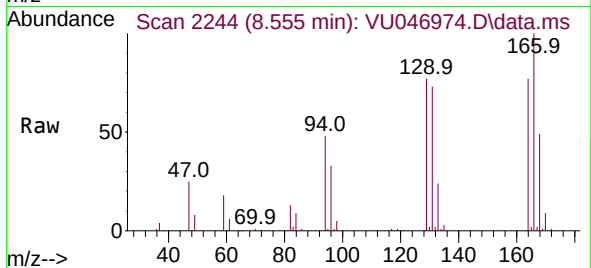
Ion Ratio Lower Upper

164 100

129 99.8 71.8 133.4

131 94.6 68.5 127.3

166 129.6 94.1 174.8



#49

Dibromochloromethane

Concen: 13.210 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046974.D

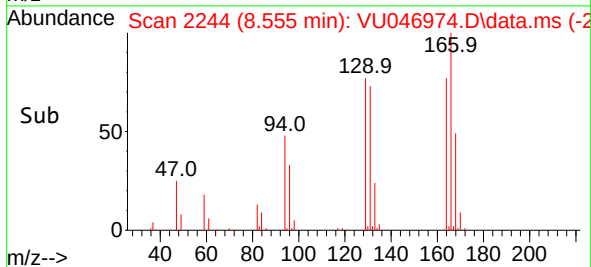
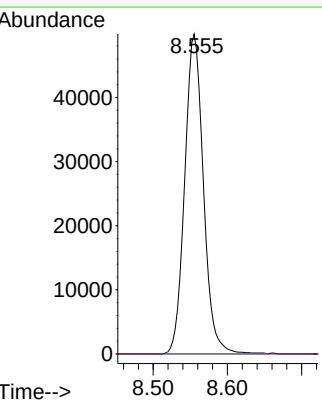
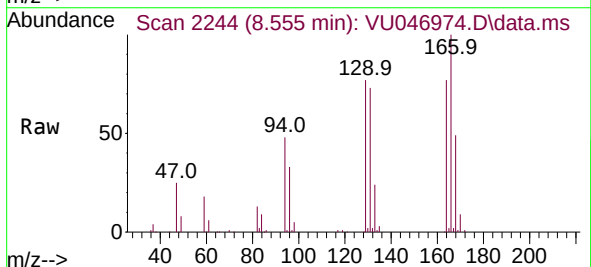
Acq: 01 Feb 2022 19:28

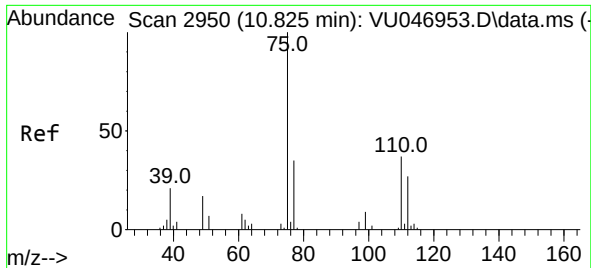
Tgt Ion:129 Resp: 87609

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.518 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9

Tgt Ion: 75 Resp: 6084
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 29.8 25.5 38.3

