

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046899.D
 Acq On : 28 Jan 2022 17:48
 Operator : SY/MD
 Sample : N1273-13 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL1DL

Quant Time: Jan 29 00:42:50 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	92452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42340	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29239	3.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.919	69	29016	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.571	65	13691	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.652	46	123599	53.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.520%
24) Chloroform-d	5.067	84	70386	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.706	65	38515	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	130516	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.694	67	44186	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.902	98	97701	3.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.182	79	14753	3.751	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.639	63	97050	41.678	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42507	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	36996	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%

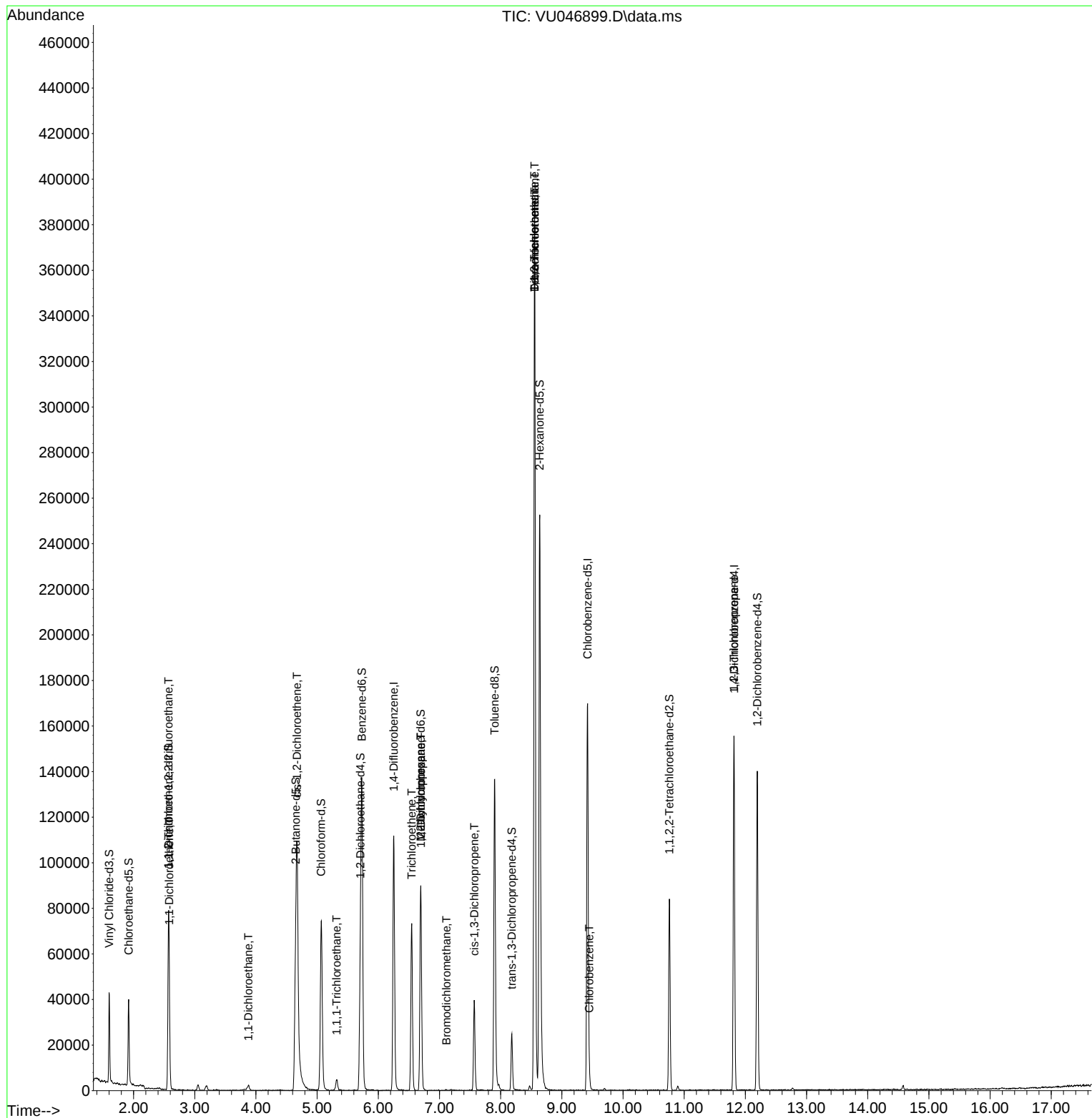
Target Compounds			Qvalue			
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	499	0.092	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	5757	1.115	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	2539	0.270	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	38205	6.477	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	3655	0.400	ug/L	97
34) Trichloroethene	6.546	95	25513	4.113	ug/L	97
35) Methylcyclohexane	6.694	83	10581	1.018	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4573	0.780	ug/L #	88
38) Bromodichloromethane	7.112	83	367	0.044	ug/L #	25
39) cis-1,3-Dichloropropene	7.568	75	912	0.100	ug/L #	73
45) 1,1,2-Trichloroethane	8.552	97	671	0.135	ug/L #	8
47) Tetrachloroethene	8.555	164	88088	17.460	ug/L	94
49) Dibromochloromethane	8.555	129	88220	14.998	ug/L #	10
51) Chlorobenzene	9.449	112	1228	0.074	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	5648	1.574	ug/L #	63

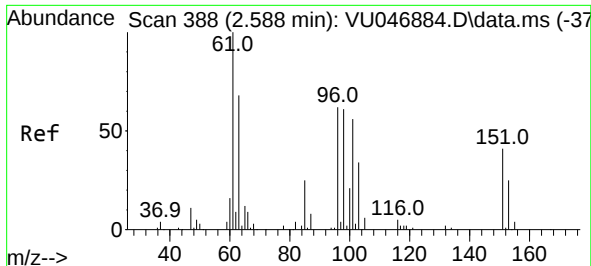
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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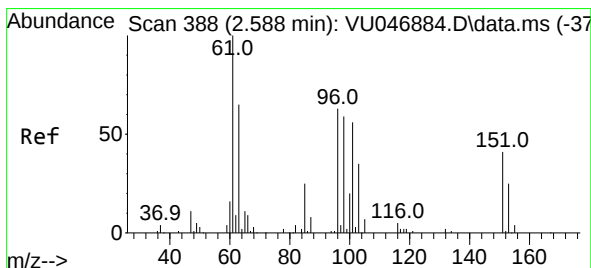
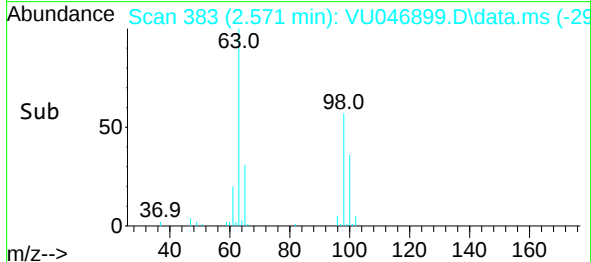
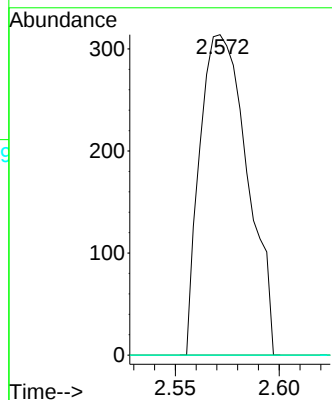
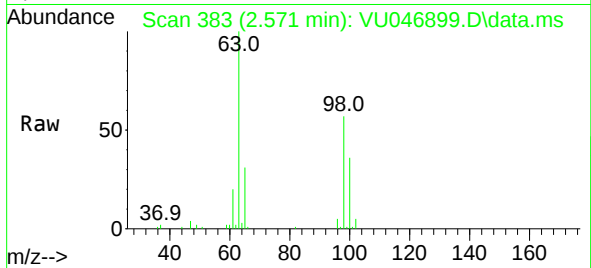




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.571 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

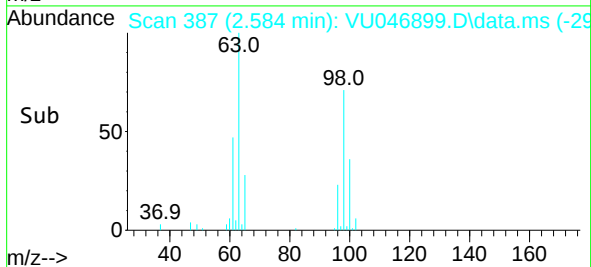
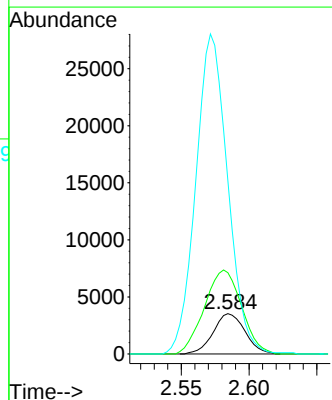
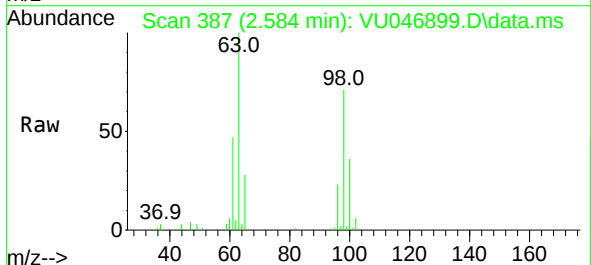
Instrument :
MSVOA_U
ClientSampleId :
COHL1DL

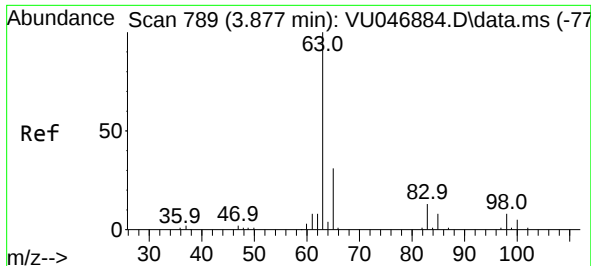
Tgt Ion:101 Resp: 499
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 1.115 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

Tgt Ion: 96 Resp: 5757
Ion Ratio Lower Upper
96 100
61 201.8 124.7 231.5
63 430.1 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.270 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046899.D

Acq: 28 Jan 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

COHL1DL

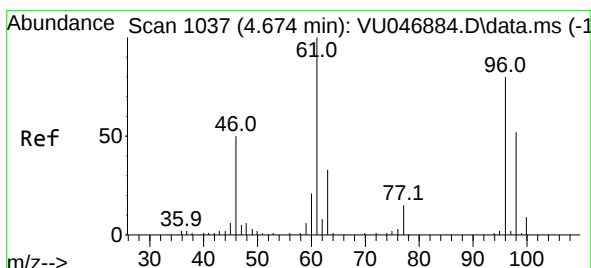
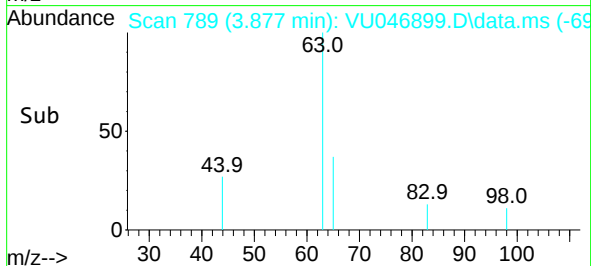
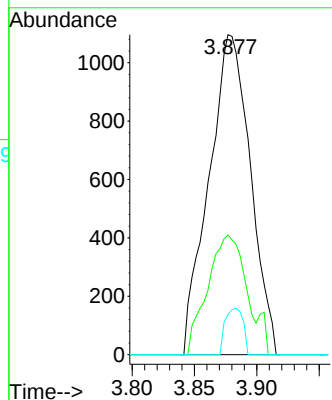
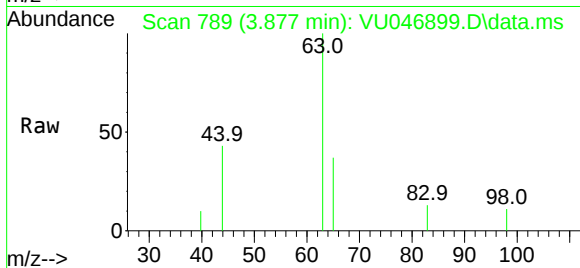
Tgt Ion: 63 Resp: 2539

Ion Ratio Lower Upper

63 100

65 37.4 22.3 41.5

83 12.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 6.477 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046899.D

Acq: 28 Jan 2022 17:48

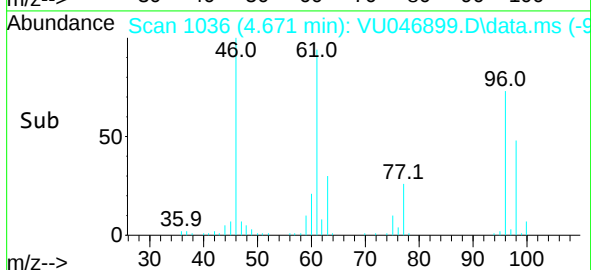
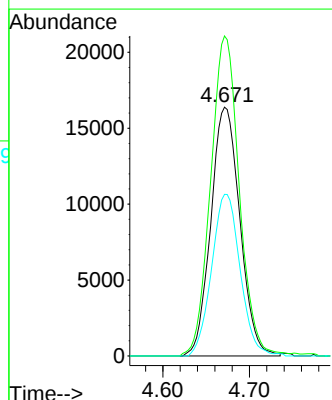
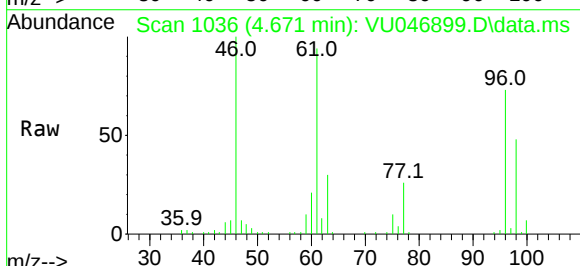
Tgt Ion: 96 Resp: 38205

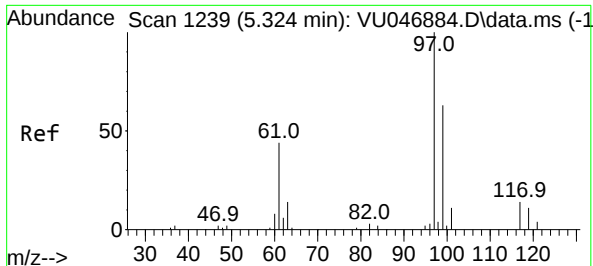
Ion Ratio Lower Upper

96 100

61 128.6 88.5 164.3

98 65.0 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.400 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU046899.D

Acq: 28 Jan 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

C0HL1DL

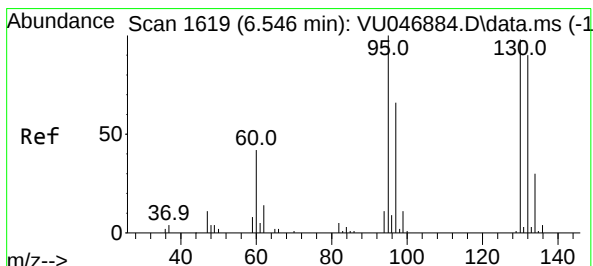
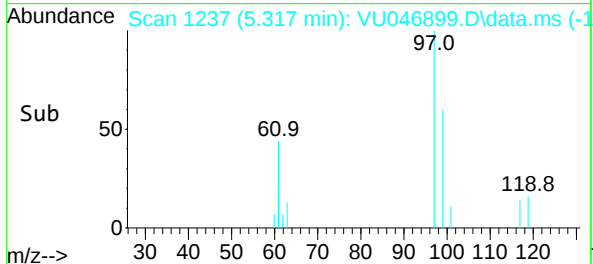
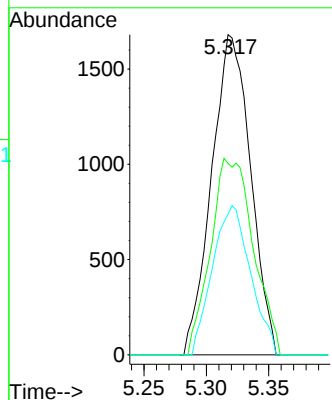
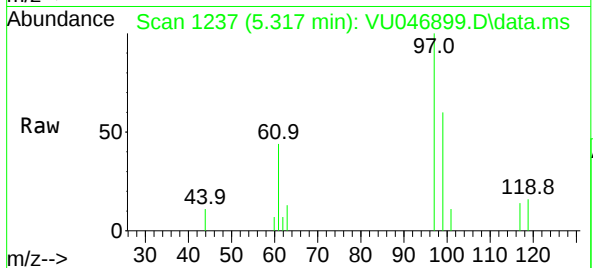
Tgt Ion: 97 Resp: 3655

Ion Ratio Lower Upper

97 100

99 67.3 51.3 76.9

61 45.5 36.1 54.1



#34

Trichloroethene

Concen: 4.113 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046899.D

Acq: 28 Jan 2022 17:48

Tgt Ion: 95 Resp: 25513

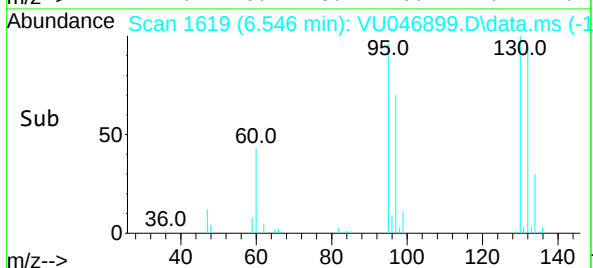
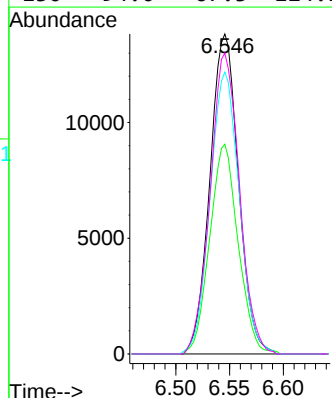
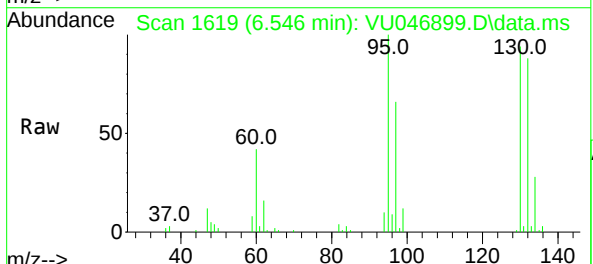
Ion Ratio Lower Upper

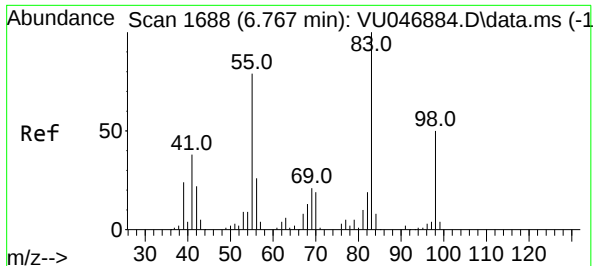
95 100

97 65.6 46.5 86.5

132 88.1 65.1 120.9

130 94.0 67.3 124.9

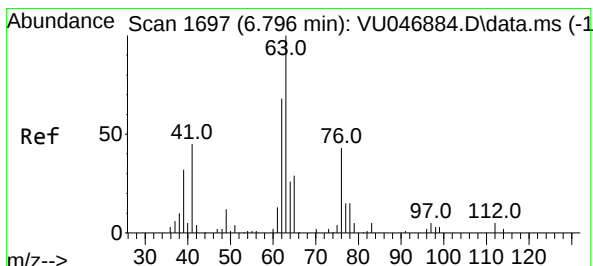
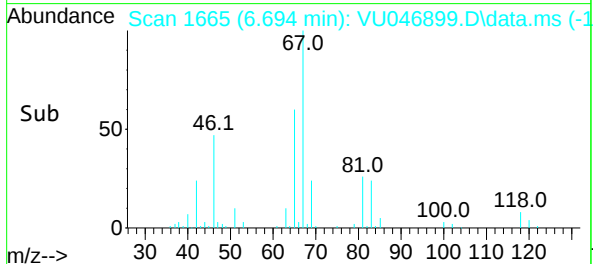
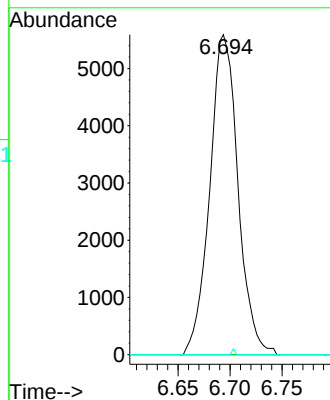
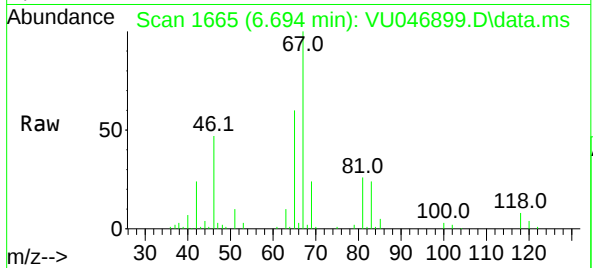




#35
Methylcyclohexane
Concen: 1.018 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

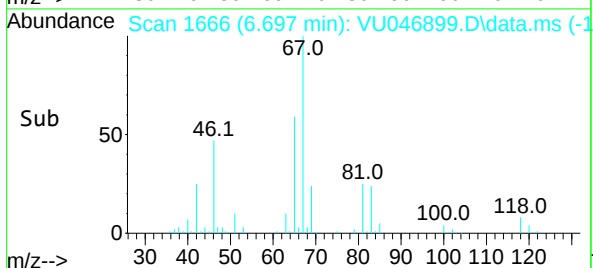
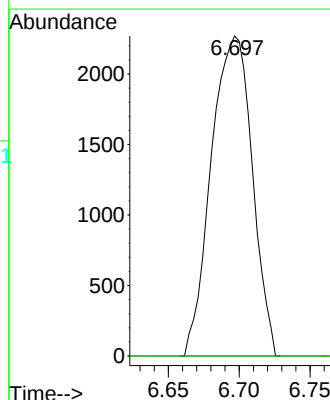
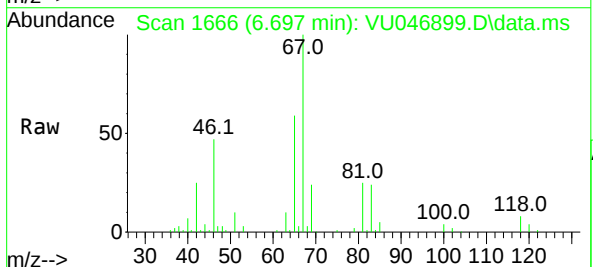
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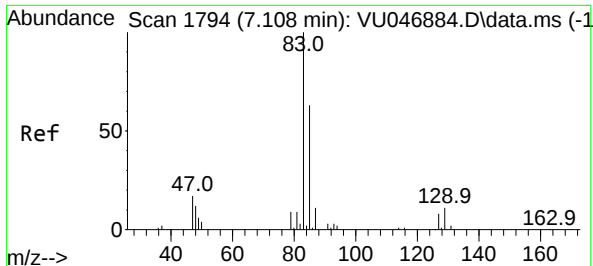
Tgt Ion: 83 Resp: 10581
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.780 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

Tgt Ion: 63 Resp: 4573
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

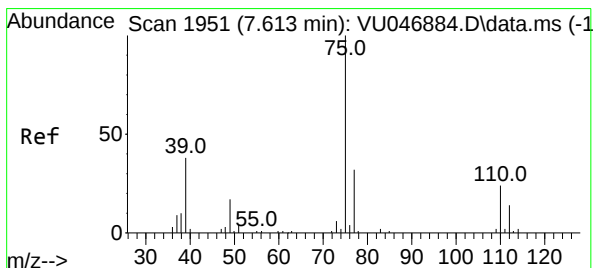
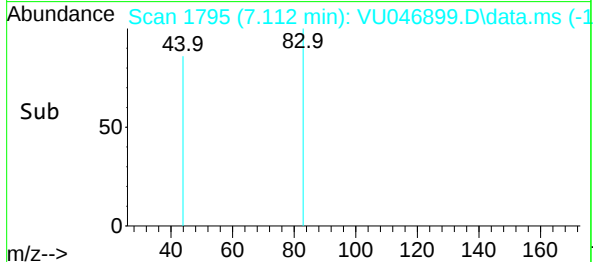
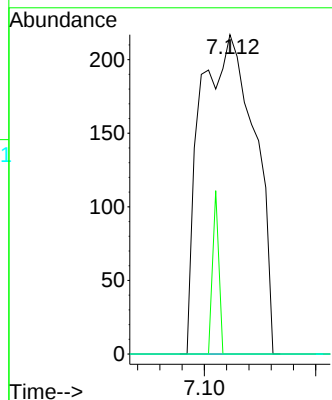
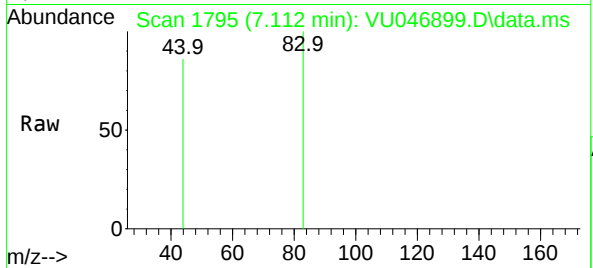




#38
Bromodichloromethane
Concen: 0.044 ug/L
RT: 7.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

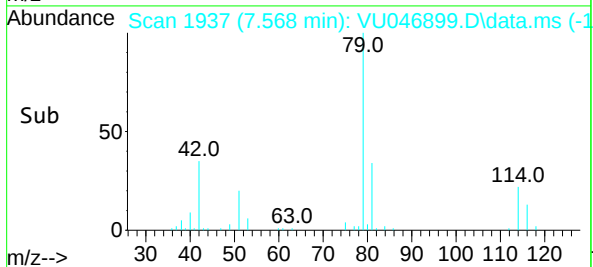
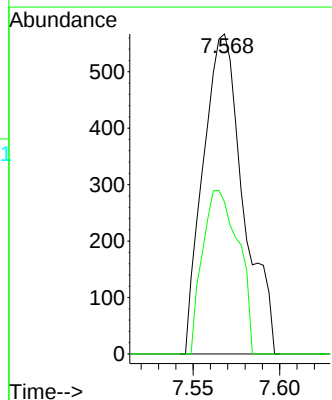
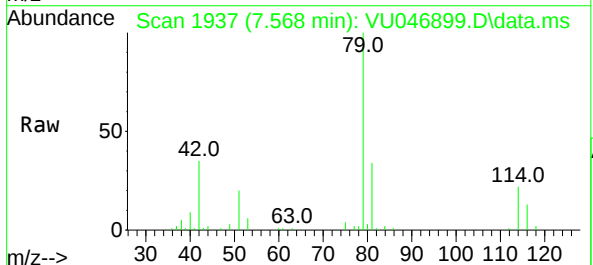
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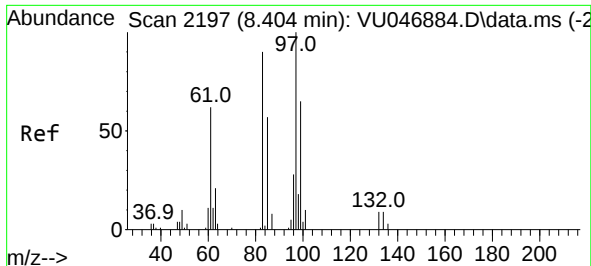
Tgt Ion: 83 Resp: 367
Ion Ratio Lower Upper
83 100
85 0.0 44.0 81.8#
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

Tgt Ion: 75 Resp: 912
Ion Ratio Lower Upper
75 100
77 47.4 22.5 41.9#



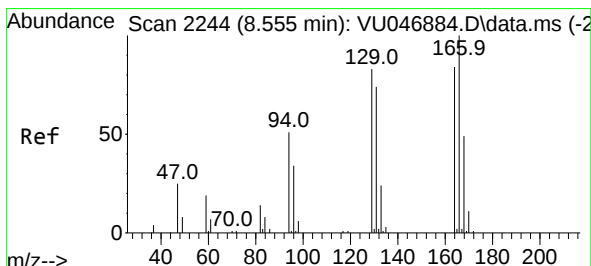
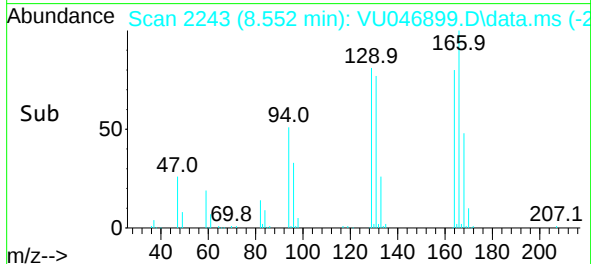
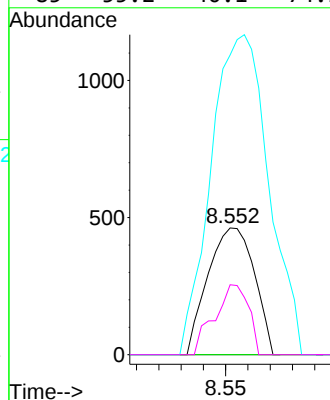
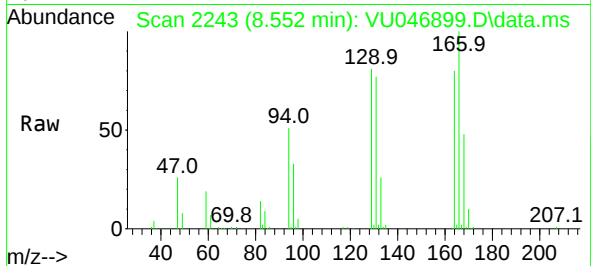


#45
1,1,2-Trichloroethane
Concen: 0.135 ug/L
RT: 8.552 min Scan# 2197
Delta R.T. 0.148 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

Instrument :
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ClientSampleId :
C0HL1DL

Tgt Ion: 97 Resp: 671

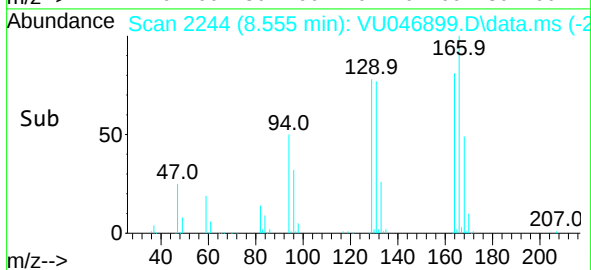
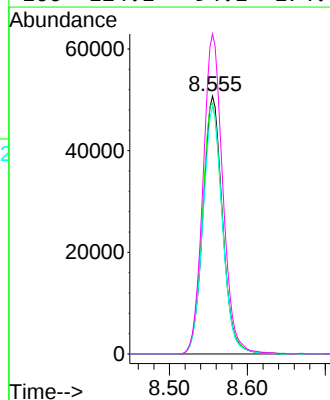
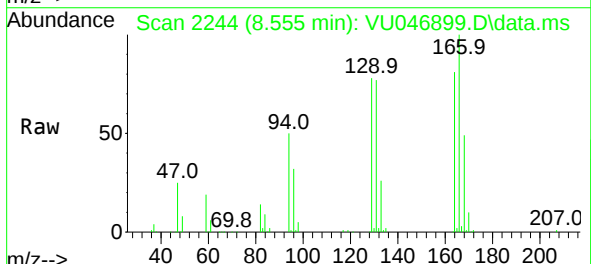
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.3	78.5#
83	236.6	62.0	115.2#
85	55.2	40.1	74.5

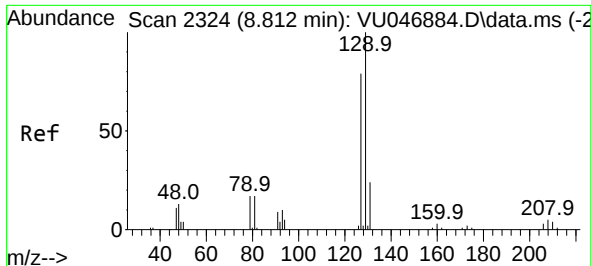


#47
Tetrachloroethene
Concen: 17.460 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046899.D
Acq: 28 Jan 2022 17:48

Tgt Ion: 164 Resp: 88088

Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.8	133.4
131	95.9	68.5	127.3
166	124.1	94.1	174.8





#49

Dibromochloromethane

Concen: 14.998 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046899.D

Acq: 28 Jan 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

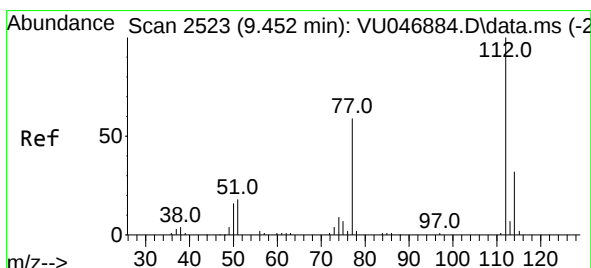
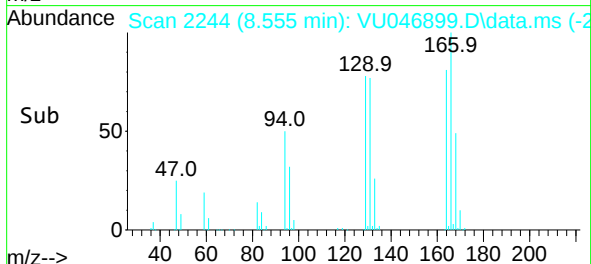
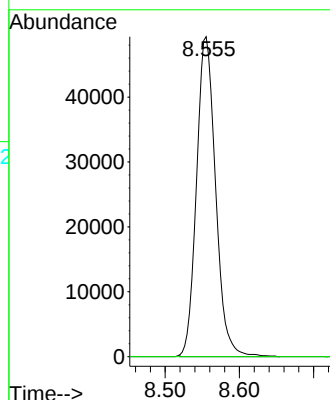
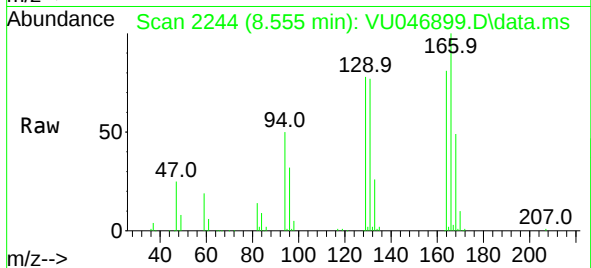
C0HL1DL

Tgt Ion:129 Resp: 88220

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#51

Chlorobenzene

Concen: 0.074 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.003 min

Lab File: VU046899.D

Acq: 28 Jan 2022 17:48

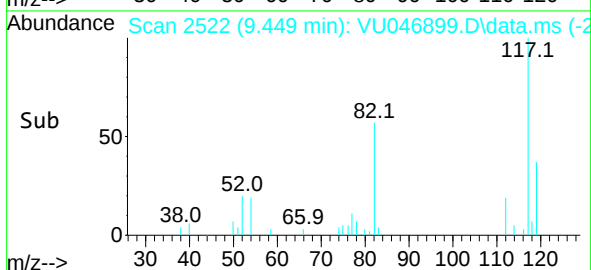
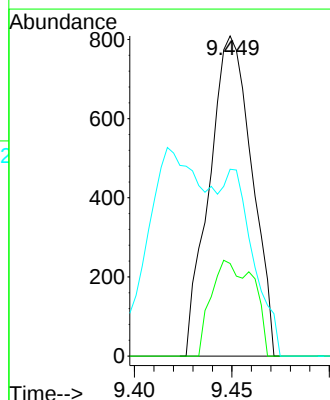
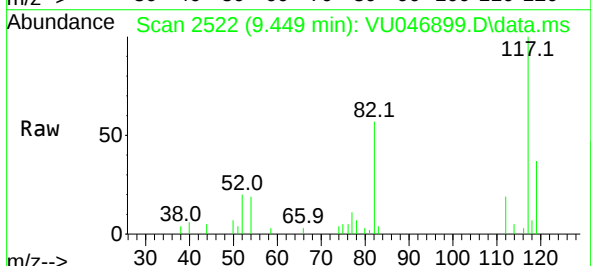
Tgt Ion:112 Resp: 1228

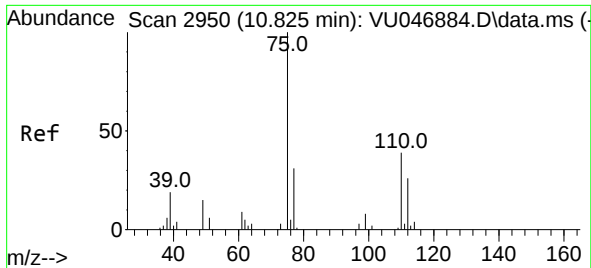
Ion Ratio Lower Upper

112 100

114 28.9 22.1 41.1

77 58.3 48.3 72.5





#61
 1,2,3-Trichloropropane
 Concen: 1.574 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046899.D
 Acq: 28 Jan 2022 17:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL1DL

Tgt Ion: 75 Resp: 5648
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 27.6 25.5 38.3

