

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046892.D
 Acq On : 28 Jan 2022 14:56
 Operator : SY/MD
 Sample : N1273-06DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK5DL

Quant Time: Jan 29 00:41:04 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)

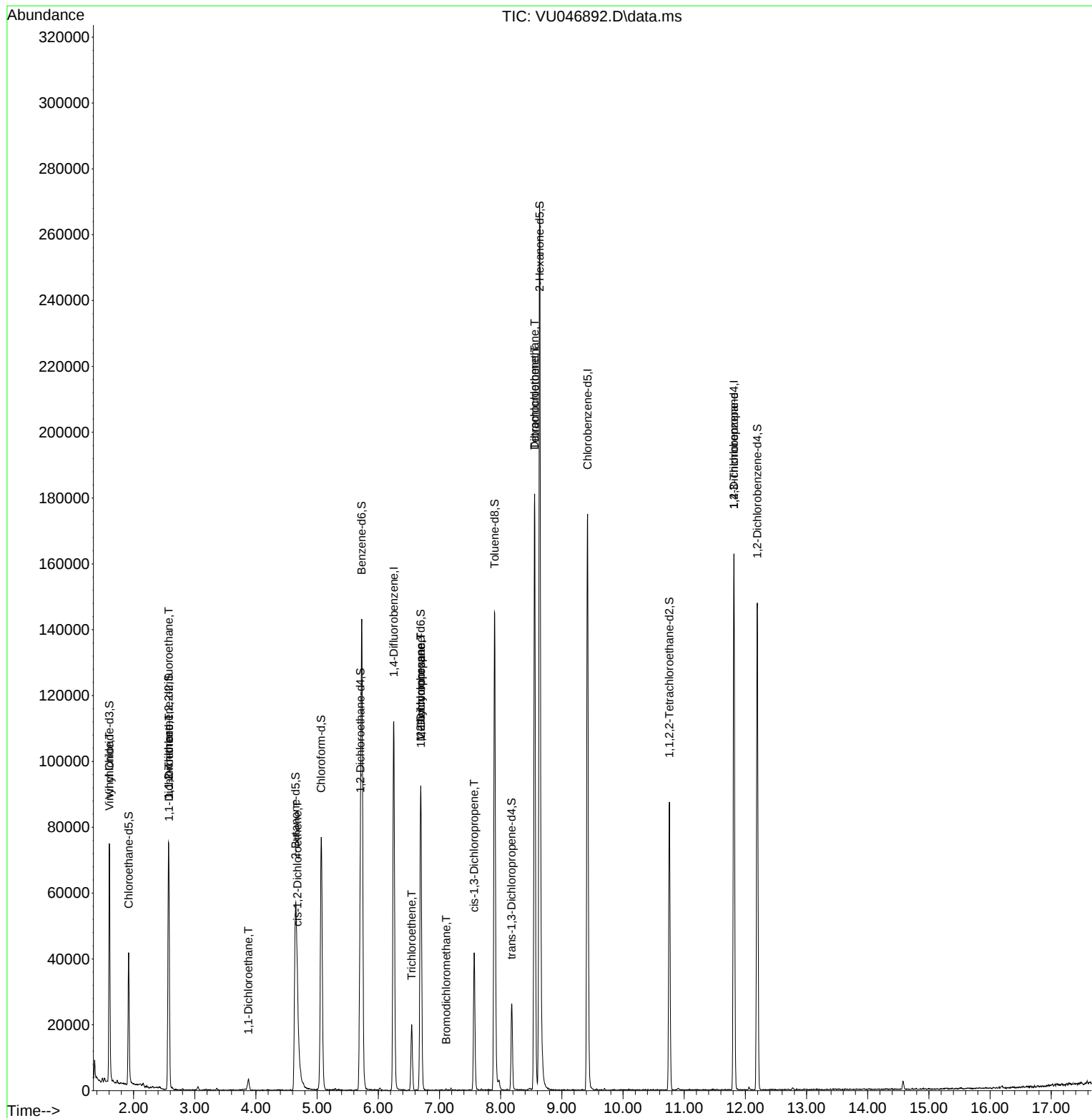
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31005	3.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.919	69	30736	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.575	65	14163	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.649	46	123137	51.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.067	84	72119	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.707	65	40130	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.729	84	135868	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.694	67	44831	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.903	98	102429	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.179	79	15663	3.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.636	63	102646	43.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43162	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	38877	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	23849	3.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	368	0.067	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	979	0.185	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	3719	0.387	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	2339	0.388	ug/L	93
34) Trichloroethene	6.546	95	6592	1.057	ug/L	91
35) Methylcyclohexane	6.694	83	10788	1.032	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4846	0.822	ug/L #	88
38) Bromodichloromethane	7.108	83	377	0.044	ug/L #	69
39) cis-1,3-Dichloropropene	7.565	75	1073	0.117	ug/L #	66
47) Tetrachloroethene	8.555	164	40793	8.041	ug/L	94
49) Dibromochloromethane	8.555	129	38676	6.539	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5309	1.423	ug/L #	66

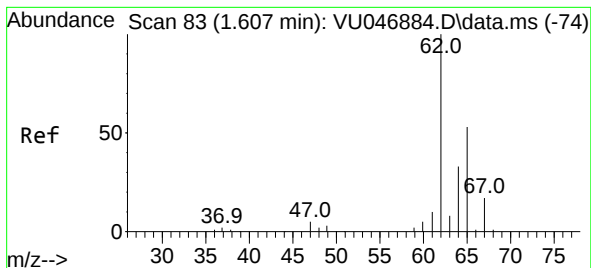
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 29 00:38:36 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.127 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

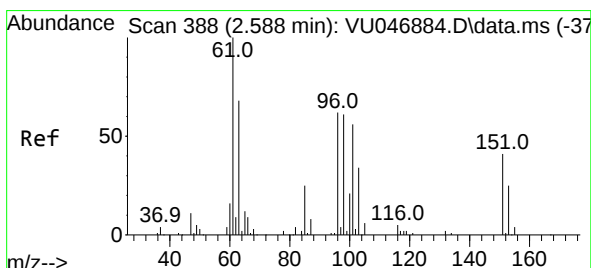
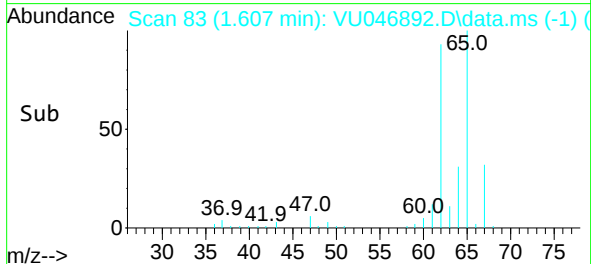
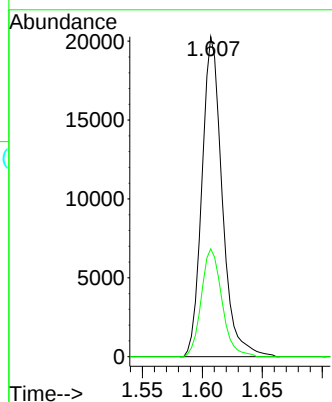
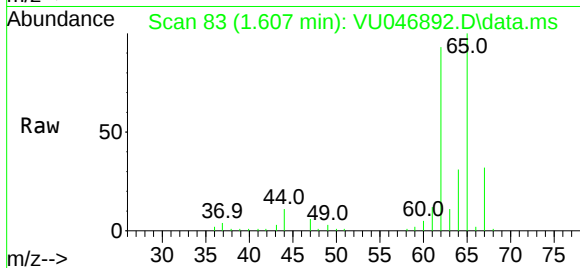
C0HK5DL

Tgt Ion: 62 Resp: 23849

Ion Ratio Lower Upper

62 100

64 33.7 22.9 42.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.067 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

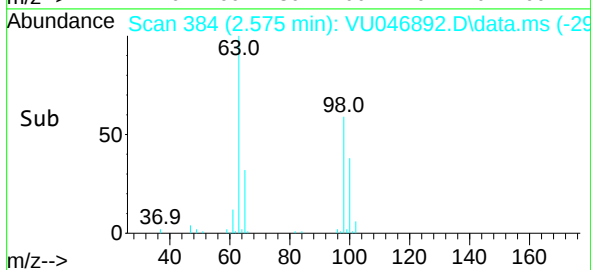
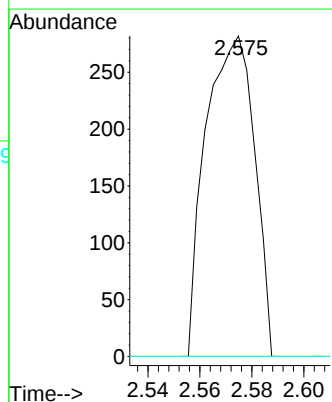
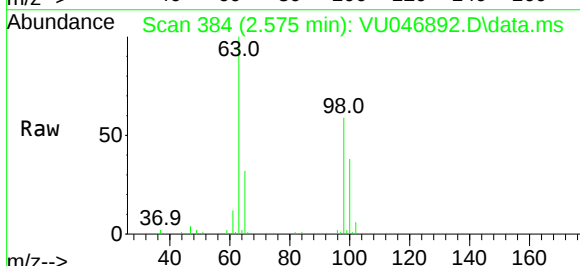
Tgt Ion: 101 Resp: 368

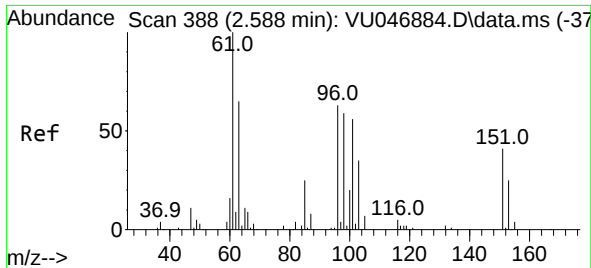
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.185 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

Instrument :

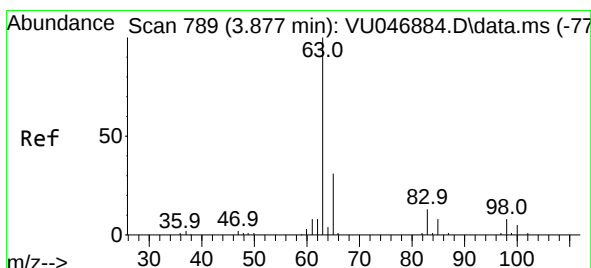
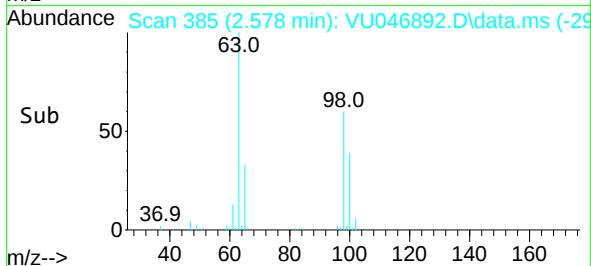
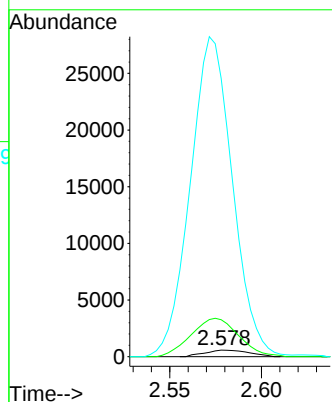
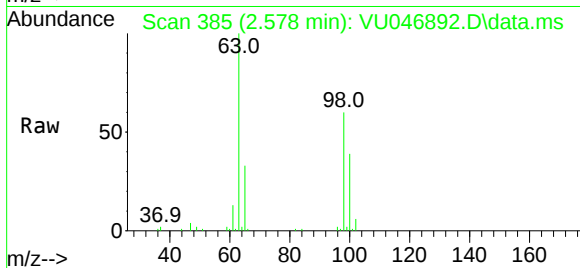
MSVOA_U

ClientSampleId :

C0HK5DL

Tgt Ion: 96 Resp: 979

Ion	Ratio	Lower	Upper
96	100		
61	560.7	124.7	231.5#
63	4221.3	105.2	195.4#



#19

1,1-Dichloroethane

Concen: 0.387 ug/L

RT: 3.877 min Scan# 789

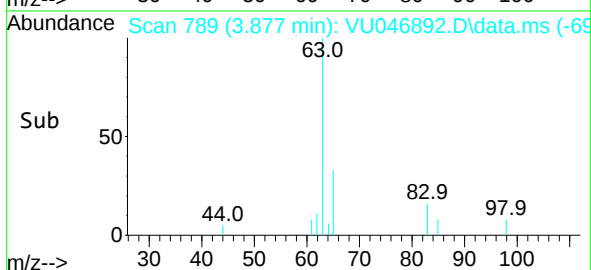
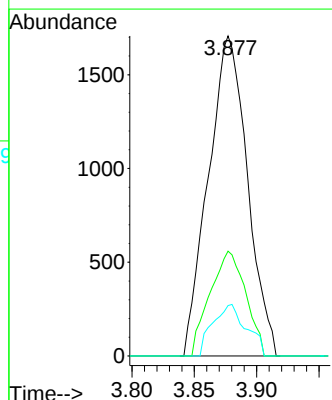
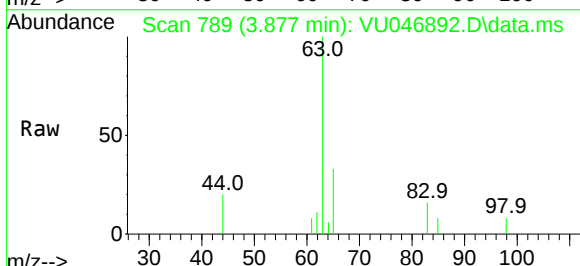
Delta R.T. 0.000 min

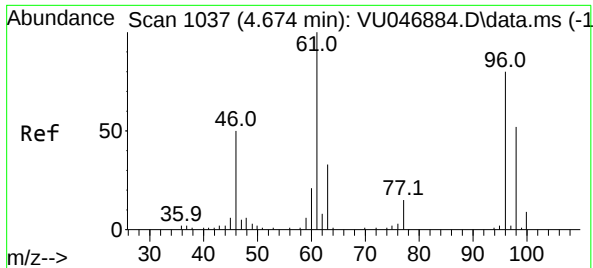
Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

Tgt Ion: 63 Resp: 3719

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.5
83	15.8	9.6	17.8

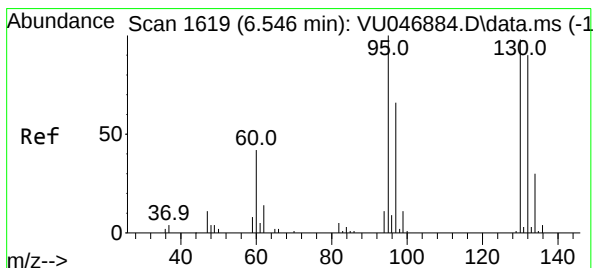
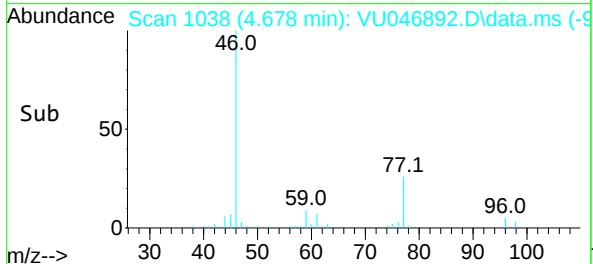
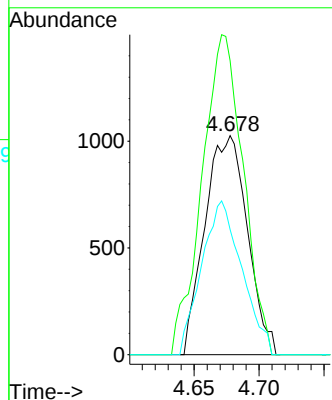
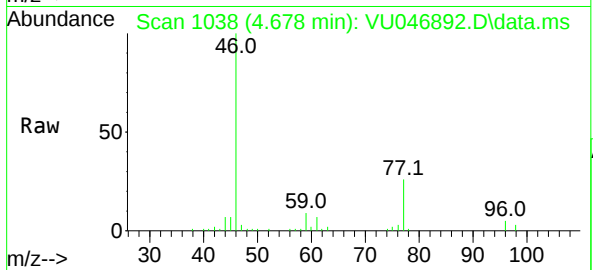




#22
cis-1,2-Dichloroethene
Concen: 0.388 ug/L
RT: 4.678 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

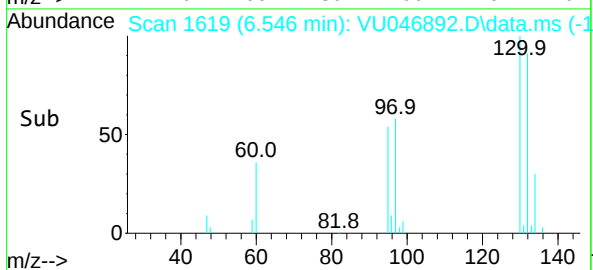
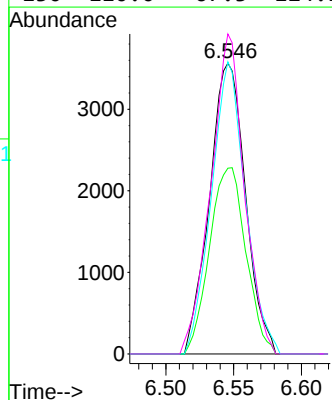
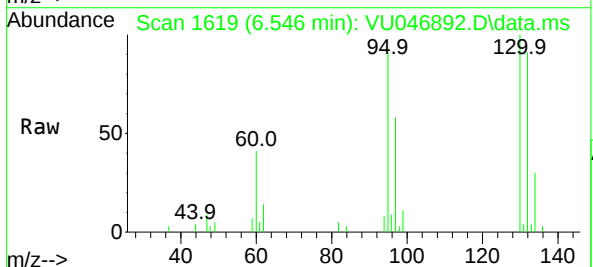
Instrument :
MSVOA_U
ClientSampleId :
C0HK5DL

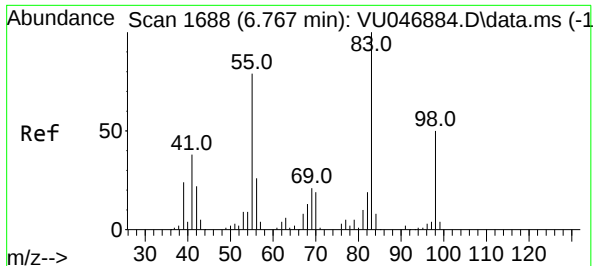
Tgt Ion: 96 Resp: 2339
Ion Ratio Lower Upper
96 100
61 134.2 88.5 164.3
98 57.1 44.4 82.5



#34
Trichloroethene
Concen: 1.057 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

Tgt Ion: 95 Resp: 6592
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.5
132 100.4 65.1 120.9
130 110.0 67.3 124.9





#35

Methylcyclohexane

Concen: 1.032 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046892.D

Acq: 28 Jan 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

C0HK5DL

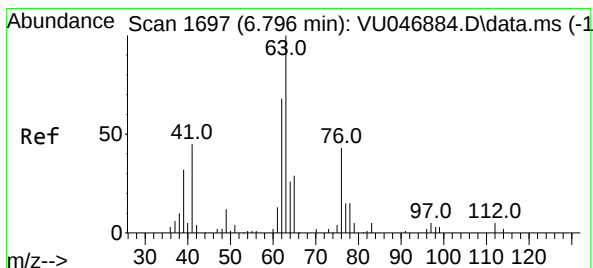
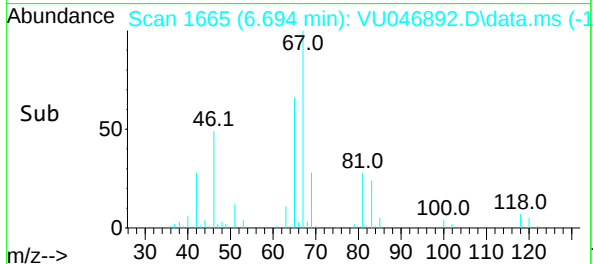
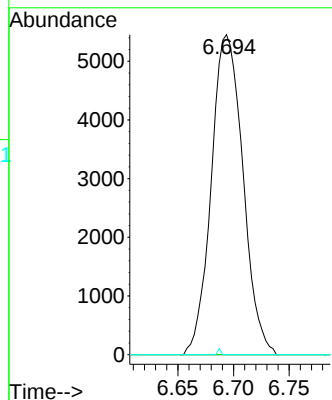
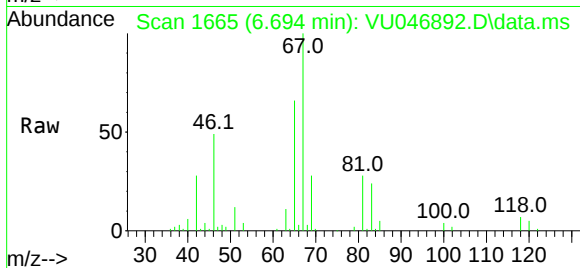
Tgt Ion: 83 Resp: 10788

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: 0.822 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU046892.D

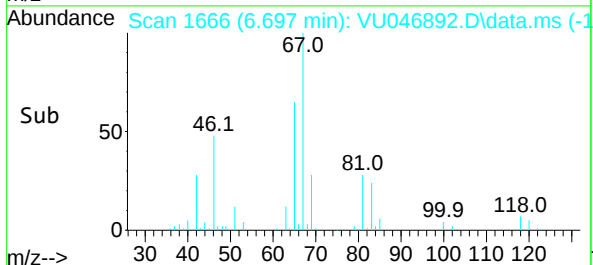
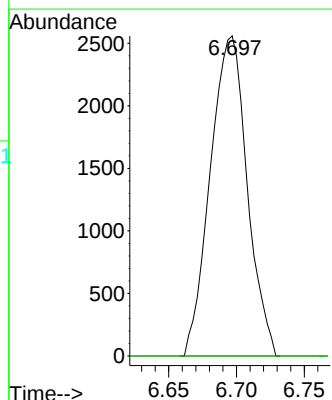
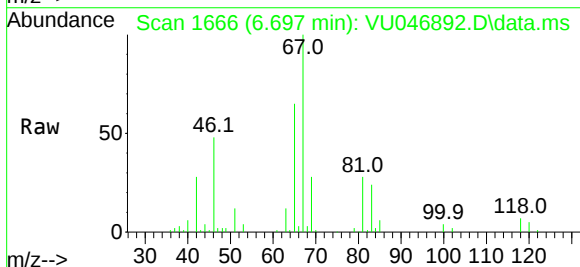
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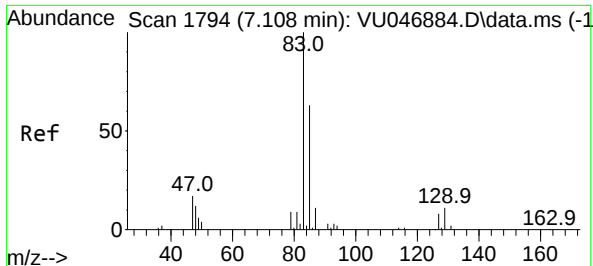
Tgt Ion: 63 Resp: 4846

Ion Ratio Lower Upper

63 100

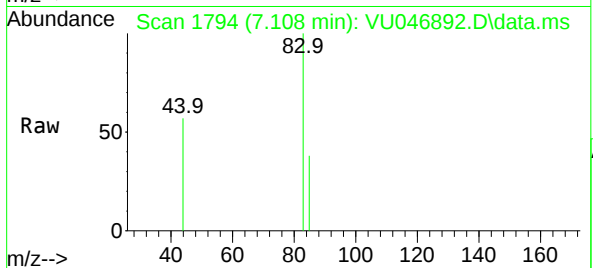
112 0.0 3.2 4.8#



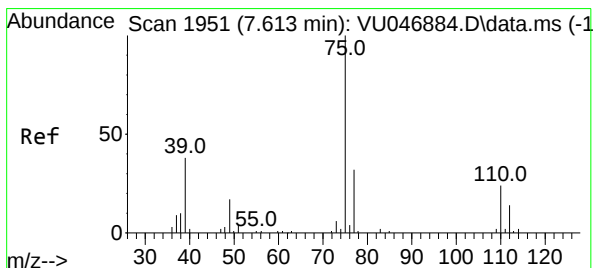
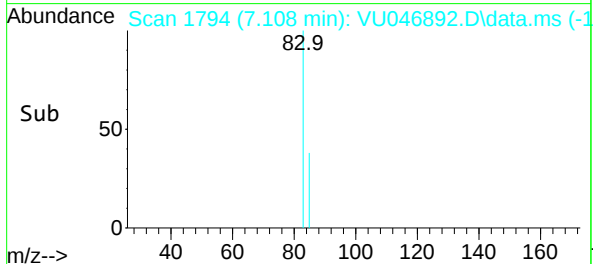
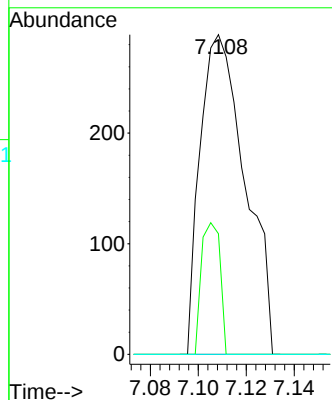


#38
Bromodichloromethane
Concen: 0.044 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

Instrument :
MSVOA_U
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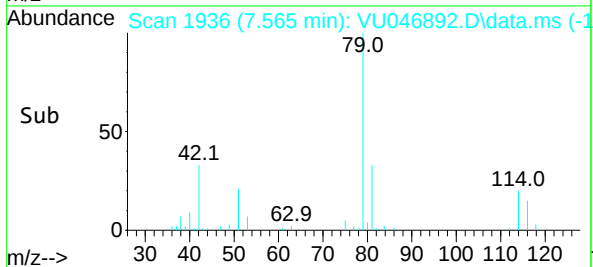
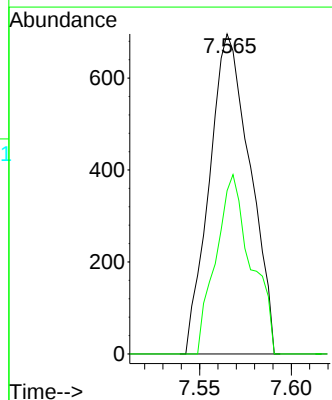
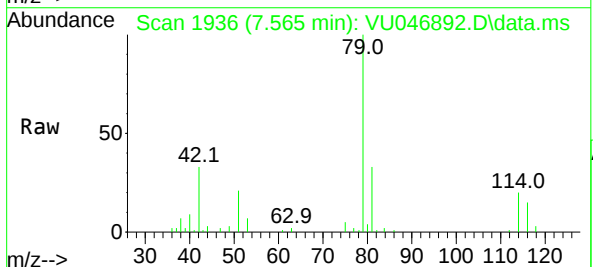


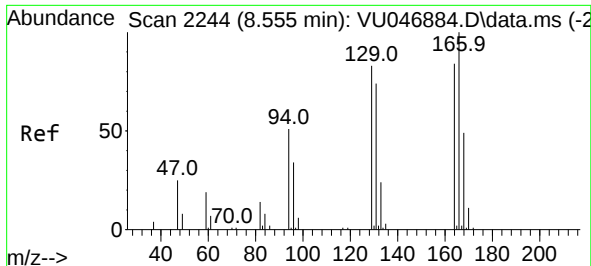
Tgt Ion: 83 Resp: 377
Ion Ratio Lower Upper
83 100
85 37.7 44.0 81.8#
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.048 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

Tgt Ion: 75 Resp: 1073
Ion Ratio Lower Upper
75 100
77 51.0 22.5 41.9#

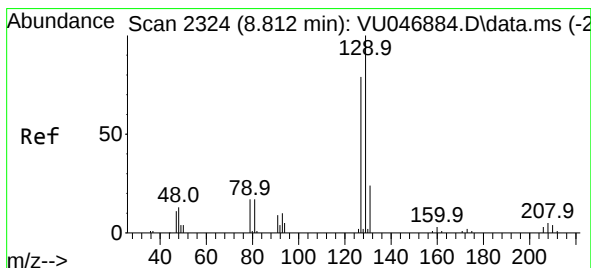
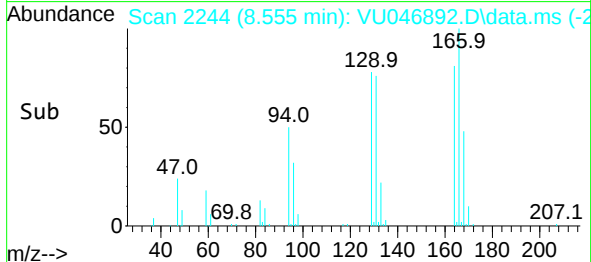
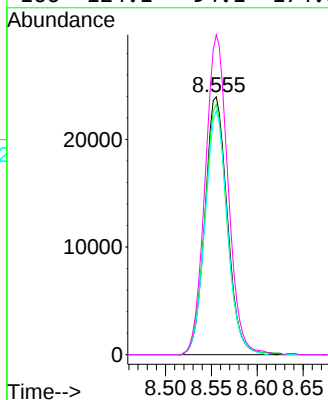
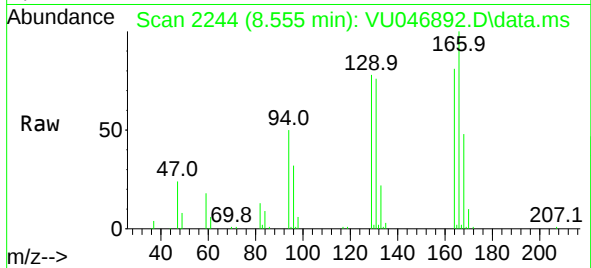




#47
Tetrachloroethene
Concen: 8.041 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

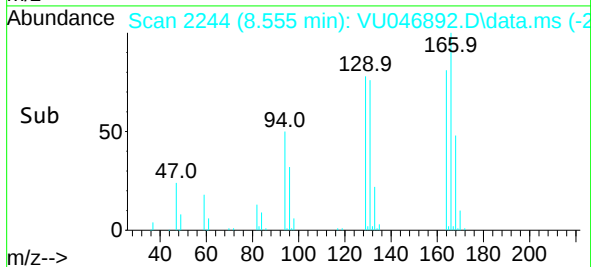
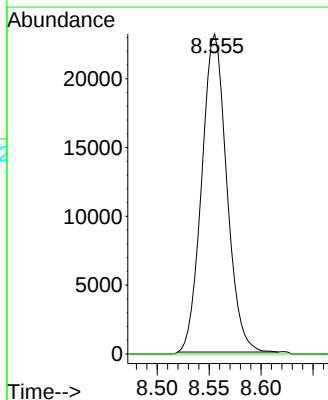
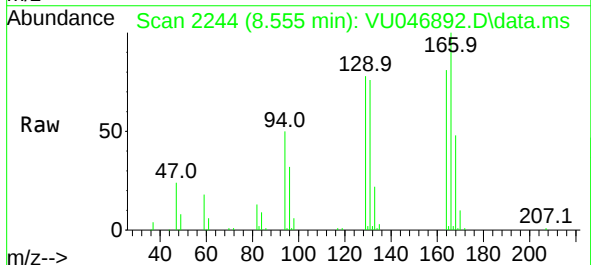
Instrument :
MSVOA_U
ClientSampleId :
C0HK5DL

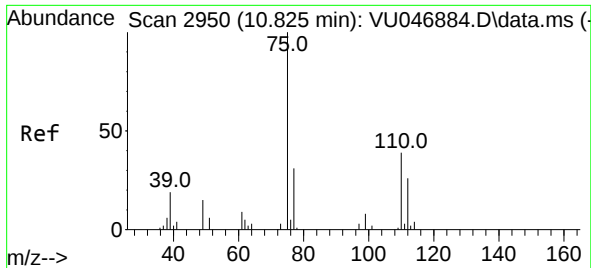
Tgt	Ion:164	Resp:	40793
Ion	Ratio	Lower	Upper
164	100		
129	97.1	71.8	133.4
131	94.7	68.5	127.3
166	124.1	94.1	174.8



#49
Dibromochloromethane
Concen: 6.539 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046892.D
Acq: 28 Jan 2022 14:56

Tgt Ion:129	Resp:	38676	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.423 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046892.D
 Acq: 28 Jan 2022 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK5DL

Tgt Ion: 75 Resp: 5309
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 32.6 25.5 38.3

