

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046890.D
 Acq On : 28 Jan 2022 14:07
 Operator : SY/MD
 Sample : N1273-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK4DL

Quant Time: Jan 29 00:40:34 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)

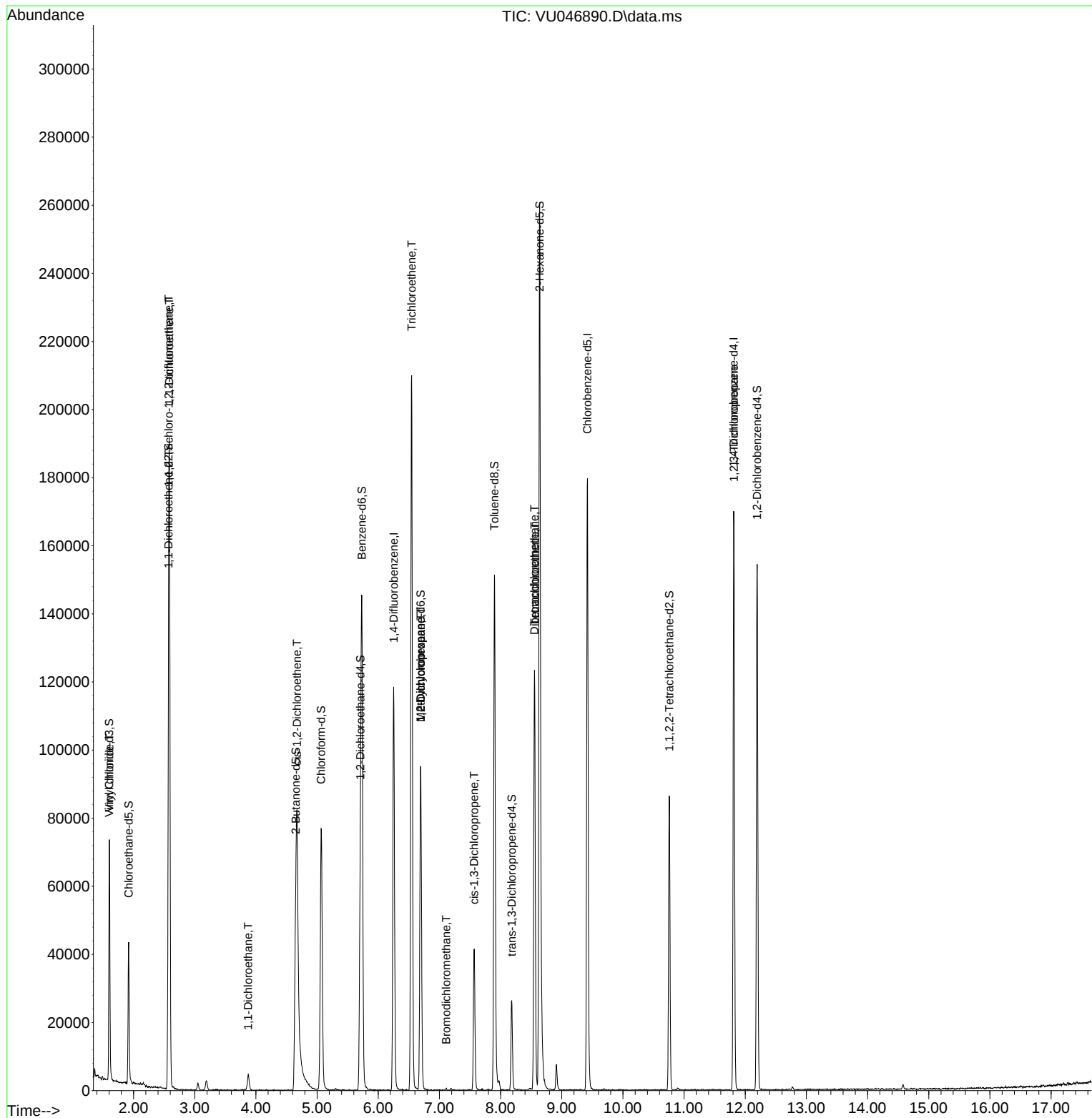
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	106668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	32201	3.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.919	69	31239	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.572	65	14433	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.652	46	120515	48.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.067	84	73465	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.707	65	41819	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.732	84	138716	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	46944	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	108337	3.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.182	79	16182	3.915	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.639	63	103928	42.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44138	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	40986	4.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	21061	2.647	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	530	0.092	ug/L #	21
12) 1,1-Dichloroethene	2.585	96	52224	9.479	ug/L #	78
19) 1,1-Dichloroethane	3.874	63	5250	0.524	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	22235	3.532	ug/L	96
34) Trichloroethene	6.546	95	74361	11.404	ug/L	98
35) Methylcyclohexane	6.694	83	10851	0.993	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4883	0.793	ug/L #	88
38) Bromodichloromethane	7.112	83	387	0.044	ug/L #	96
39) cis-1,3-Dichloropropene	7.568	75	909	0.095	ug/L #	44
47) Tetrachloroethene	8.555	164	27989	5.278	ug/L	96
49) Dibromochloromethane	8.552	129	26736	4.324	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	5803	1.456	ug/L #	65

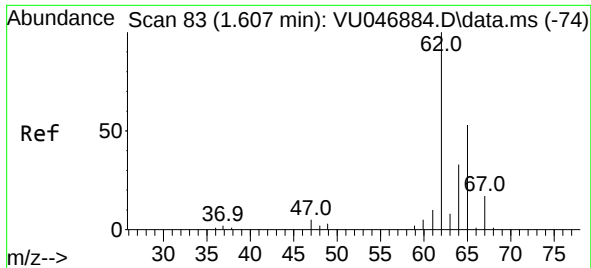
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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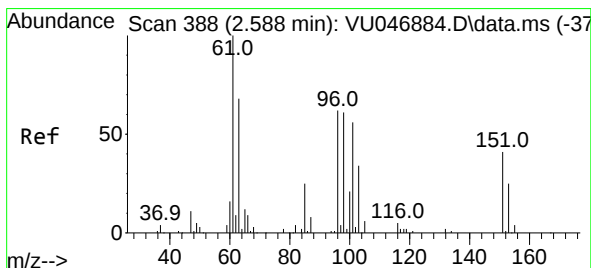
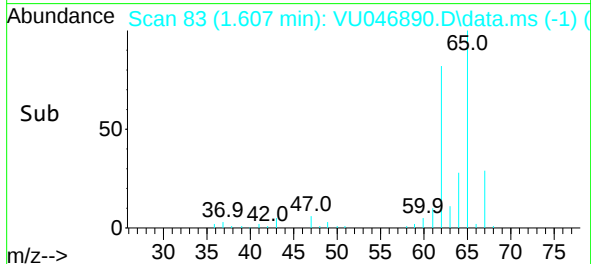
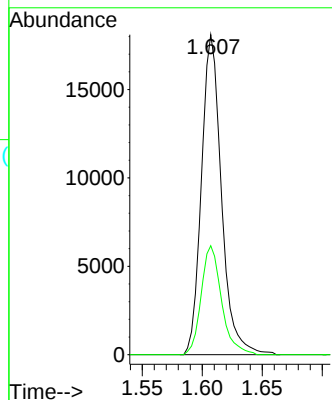
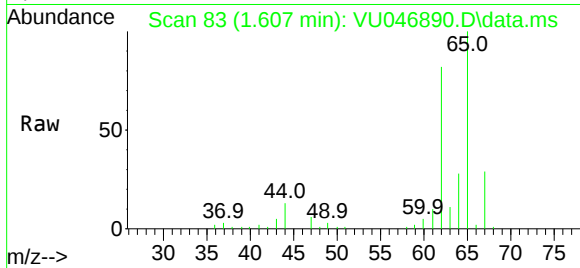




#5
 Vinyl chloride
 Concen: 2.647 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046890.D
 Acq: 28 Jan 2022 14:07

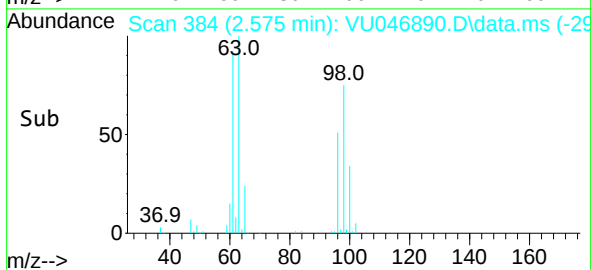
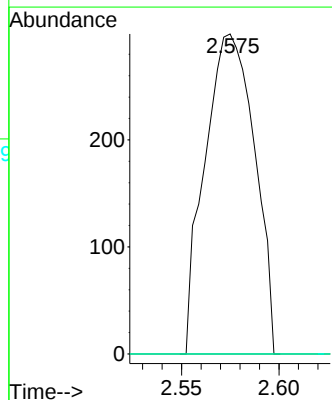
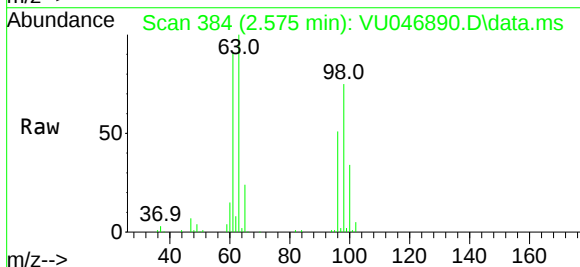
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK4DL

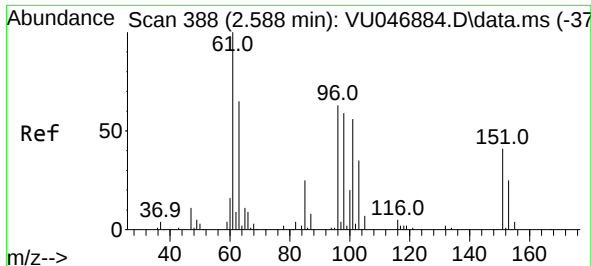
Tgt Ion: 62 Resp: 21061
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.092 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046890.D
 Acq: 28 Jan 2022 14:07

Tgt Ion: 101 Resp: 530
 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: 9.479 ug/L

RT: 2.585 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU046890.D

Acq: 28 Jan 2022 14:07

Instrument :

MSVOA_U

ClientSampleId :

C0HK4DL

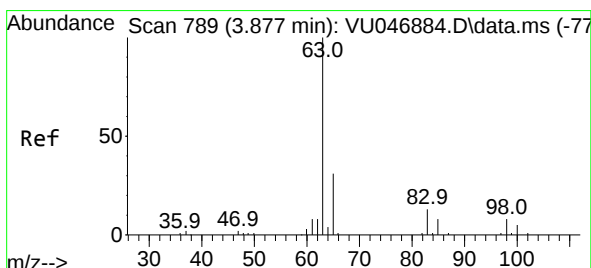
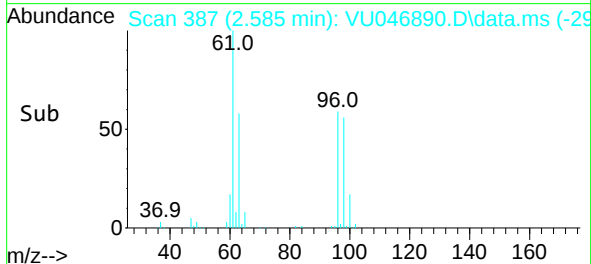
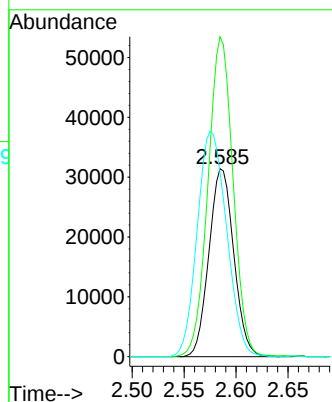
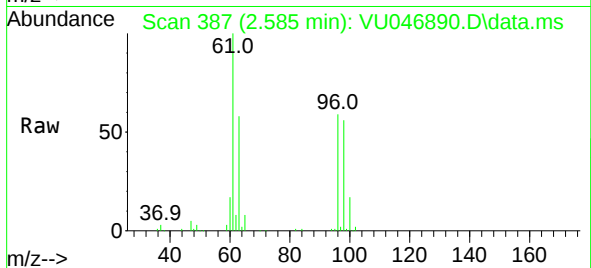
Tgt Ion: 96 Resp: 52224

Ion Ratio Lower Upper

96 100

61 170.2 124.7 231.5

63 98.1 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.524 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046890.D

Acq: 28 Jan 2022 14:07

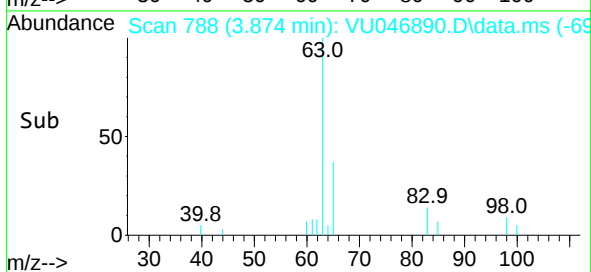
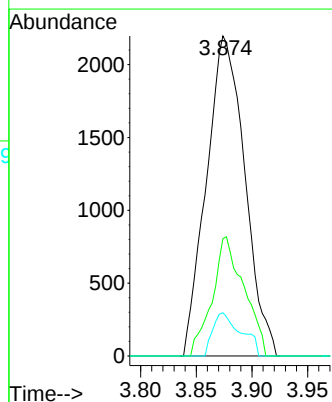
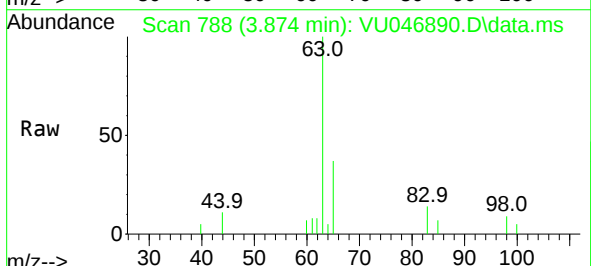
Tgt Ion: 63 Resp: 5250

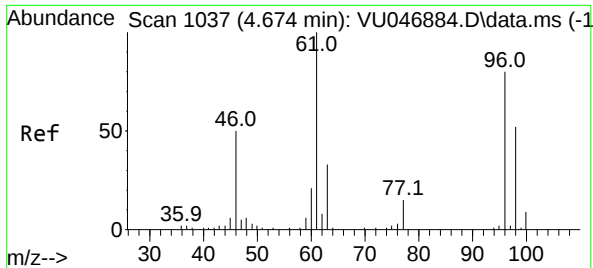
Ion Ratio Lower Upper

63 100

65 36.6 22.3 41.5

83 13.5 9.6 17.8

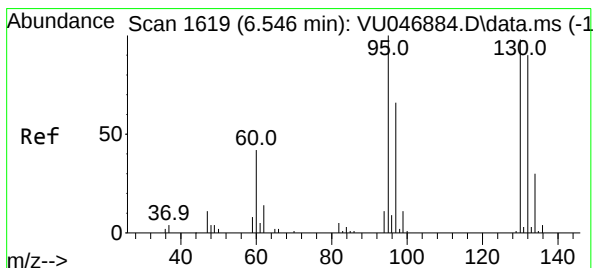
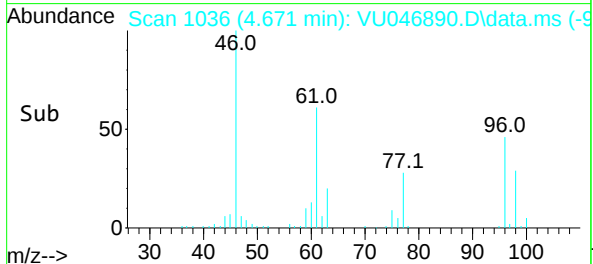
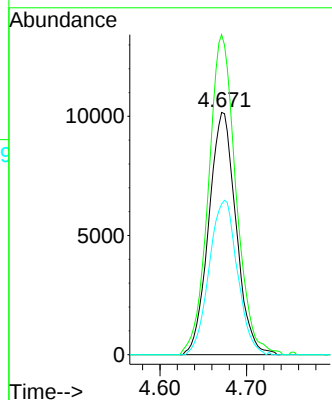
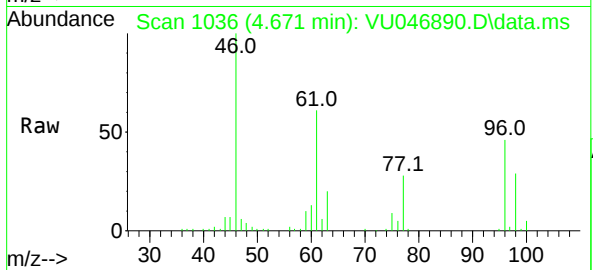




#22
cis-1,2-Dichloroethene
Concen: 3.532 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046890.D
Acq: 28 Jan 2022 14:07

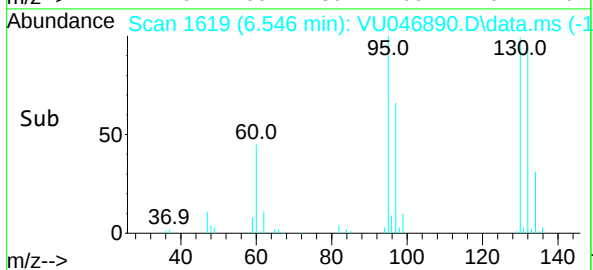
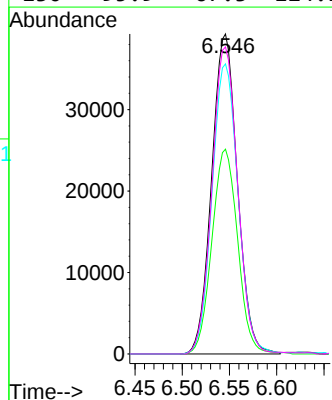
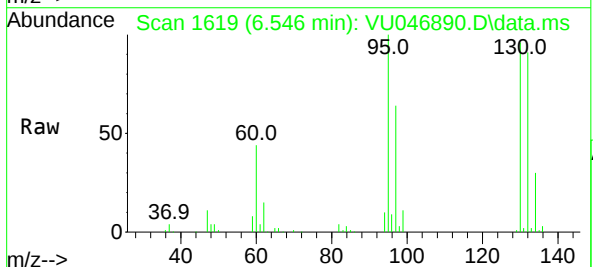
Instrument :
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C0HK4DL

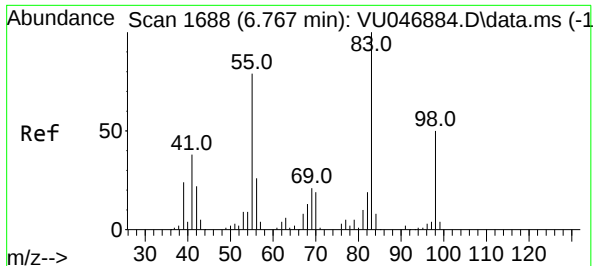
Tgt Ion: 96 Resp: 22235
Ion Ratio Lower Upper
96 100
61 132.1 88.5 164.3
98 62.2 44.4 82.5



#34
Trichloroethene
Concen: 11.404 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046890.D
Acq: 28 Jan 2022 14:07

Tgt Ion: 95 Resp: 74361
Ion Ratio Lower Upper
95 100
97 64.0 46.5 86.5
132 90.7 65.1 120.9
130 95.9 67.3 124.9





#35

Methylcyclohexane

Concen: 0.993 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046890.D

Acq: 28 Jan 2022 14:07

Instrument :

MSVOA_U

ClientSampleId :

C0HK4DL

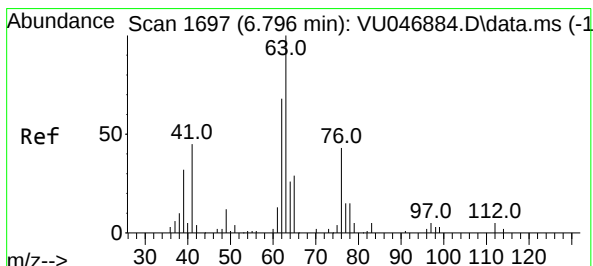
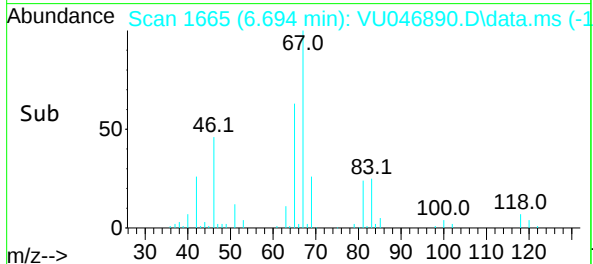
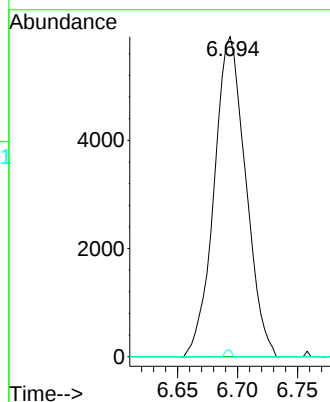
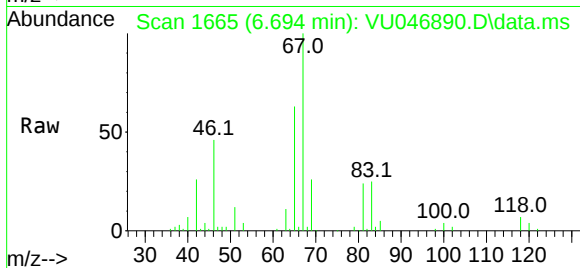
Tgt Ion: 83 Resp: 10851

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.9 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.793 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU046890.D

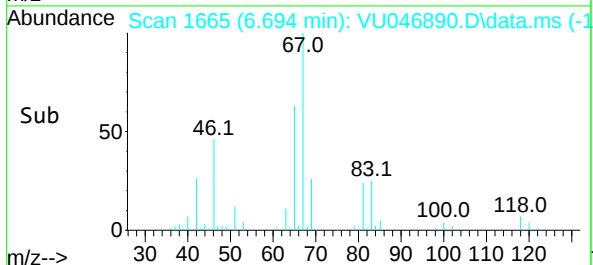
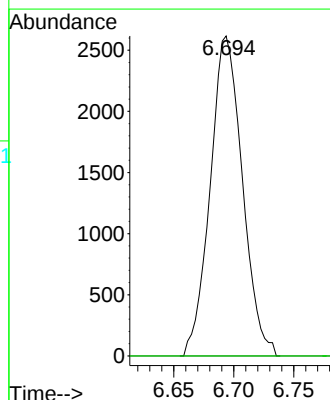
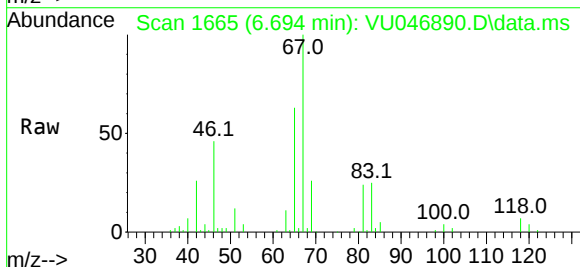
Acq: 28 Jan 2022 14:07

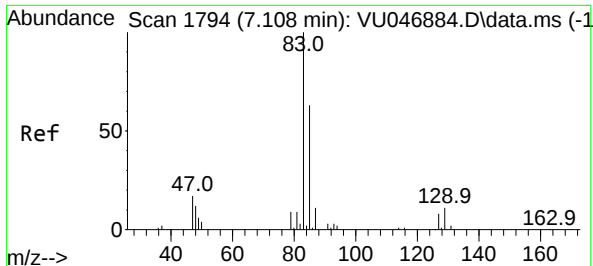
Tgt Ion: 63 Resp: 4883

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

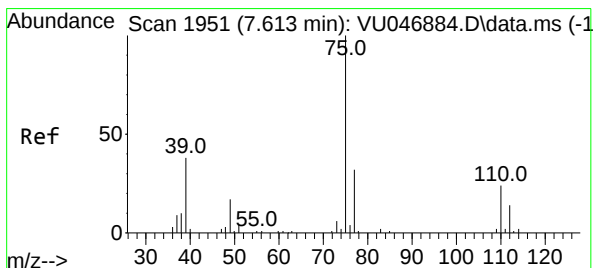
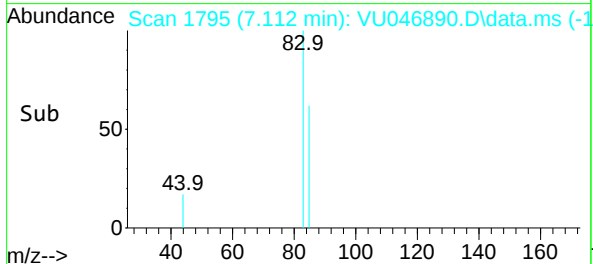
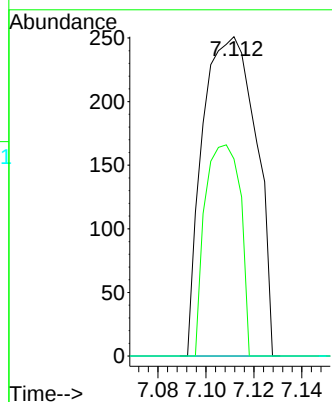
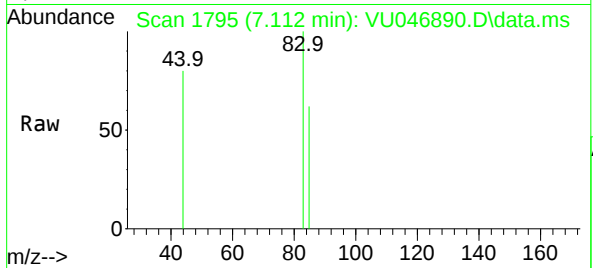




#38
Bromodichloromethane
Concen: 0.044 ug/L
RT: 7.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046890.D
Acq: 28 Jan 2022 14:07

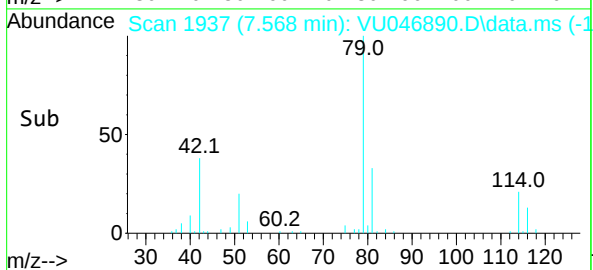
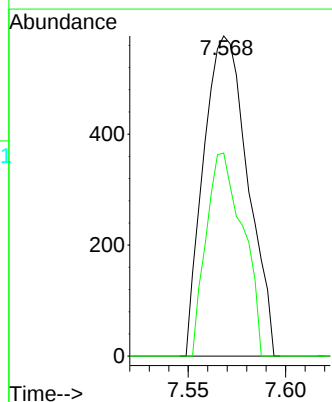
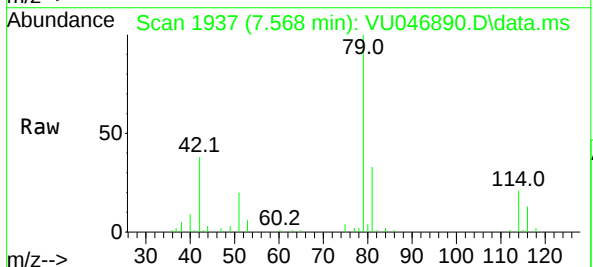
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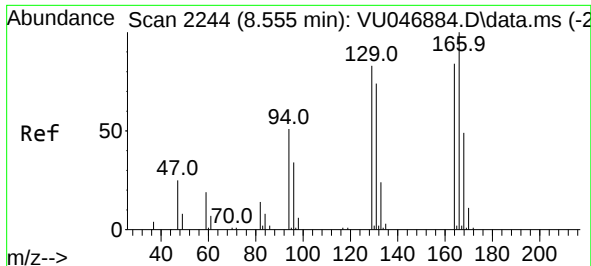
Tgt Ion: 83 Resp: 387
Ion Ratio Lower Upper
83 100
85 61.8 44.0 81.8
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU046890.D
Acq: 28 Jan 2022 14:07

Tgt Ion: 75 Resp: 909
Ion Ratio Lower Upper
75 100
77 63.4 22.5 41.9#

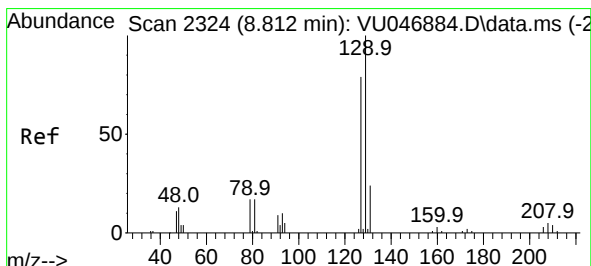
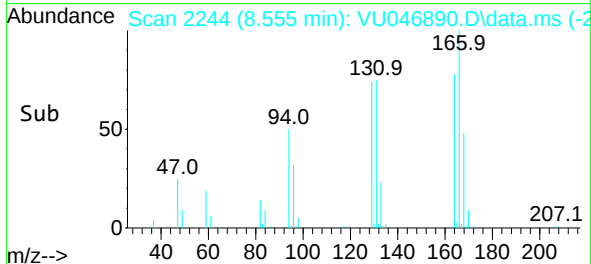
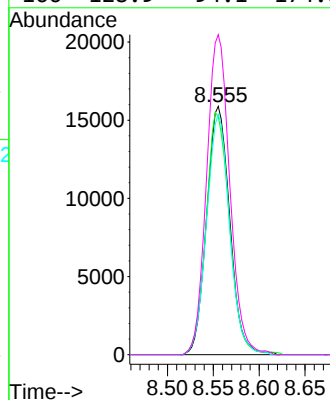
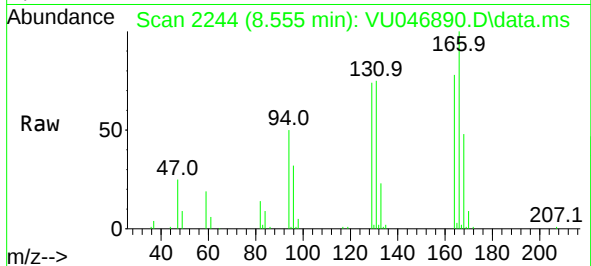




#47
Tetrachloroethene
Concen: 5.278 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046890.D
Acq: 28 Jan 2022 14:07

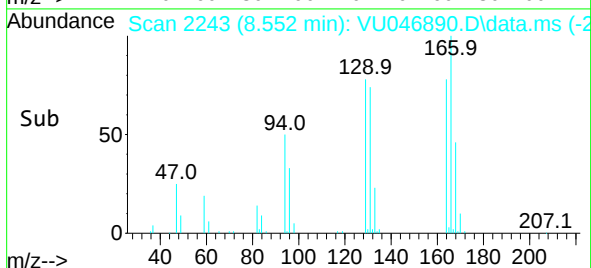
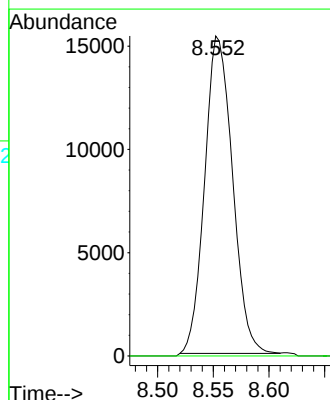
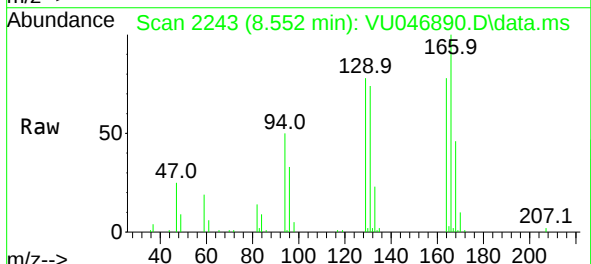
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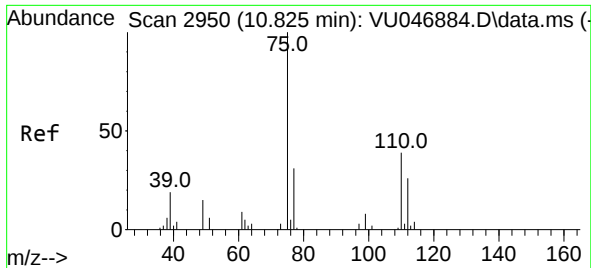
Tgt Ion:164 Resp: 27989
Ion Ratio Lower Upper
164 100
129 96.0 71.8 133.4
131 96.7 68.5 127.3
166 128.9 94.1 174.8



#49
Dibromochloromethane
Concen: 4.324 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046890.D
Acq: 28 Jan 2022 14:07

Tgt Ion:129 Resp: 26736
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.456 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU046890.D
 Acq: 28 Jan 2022 14:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK4DL

Tgt Ion: 75 Resp: 5803
 Ion Ratio Lower Upper
 75 100
 110 1.9 29.9 44.9#
 77 27.8 25.5 38.3

