

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046870.D
 Acq On : 27 Jan 2022 14:53
 Operator : SY/MD
 Sample : N1260-11DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX2DL

Quant Time: Jan 28 01:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

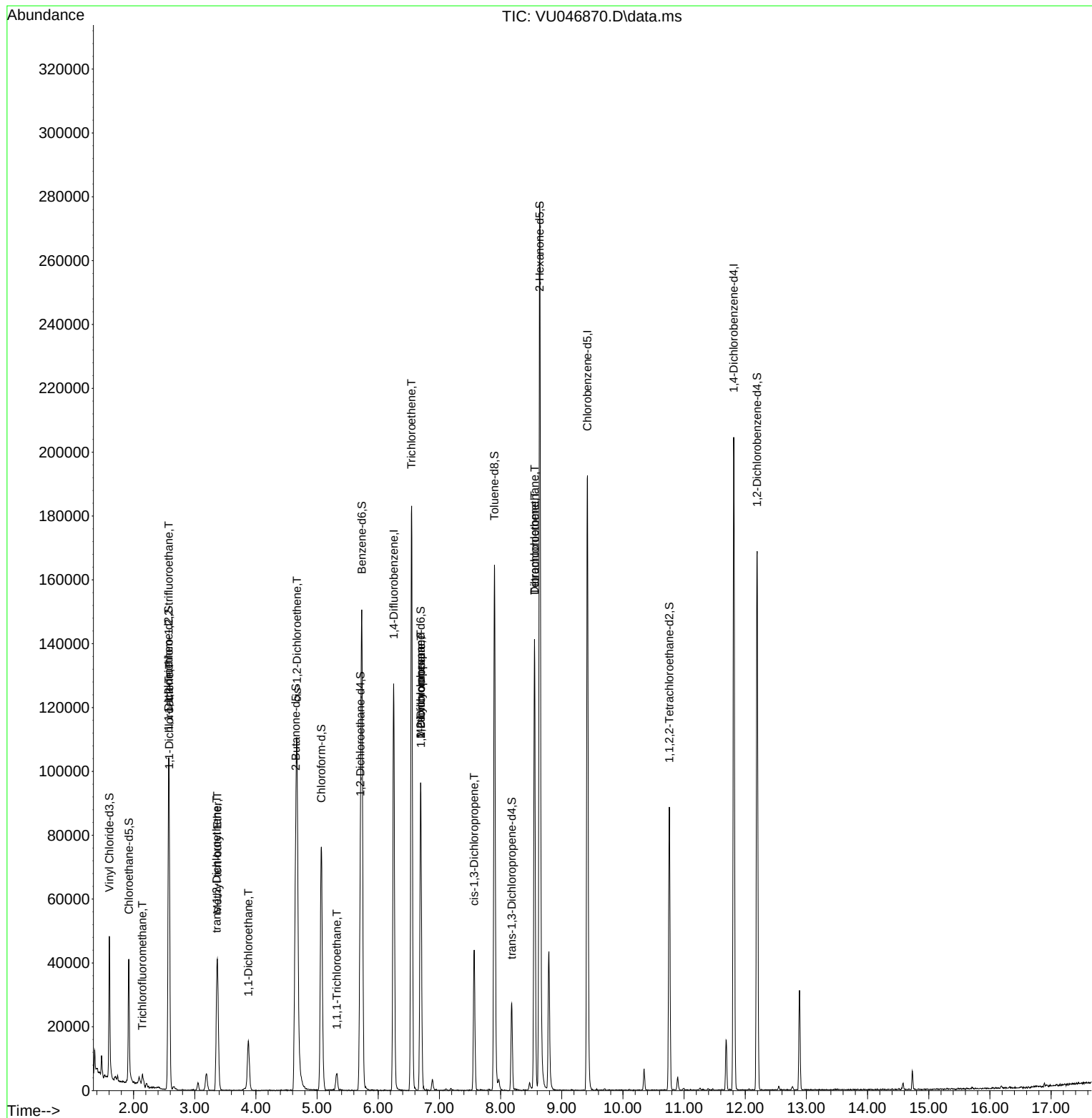
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34024	3.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.922	69	31383	4.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.572	65	14607	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.652	46	126974	48.922	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.840%
24) Chloroform-d	5.070	84	73680	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.706	65	41443	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.732	84	141718	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.694	67	46121	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.899	98	114931	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.182	79	16917	3.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.639	63	111690	43.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44803	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	44621	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	1677	0.165	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	552	0.091	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	15540	2.692	ug/L #	72
17) Methyl tert-butyl Ether	3.369	73	44150	2.726	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	2497	0.399	ug/L	93
19) 1,1-Dichloroethane	3.877	63	17673	1.684	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	36790	5.577	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	4222	0.419	ug/L #	82
34) Trichloroethene	6.542	95	62976	9.211	ug/L	98
35) Methylcyclohexane	6.694	83	10805	0.943	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4752	0.736	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	941	0.093	ug/L #	56
47) Tetrachloroethene	8.555	164	31265	5.622	ug/L	95
49) Dibromochloromethane	8.555	129	30059	4.636	ug/L #	10

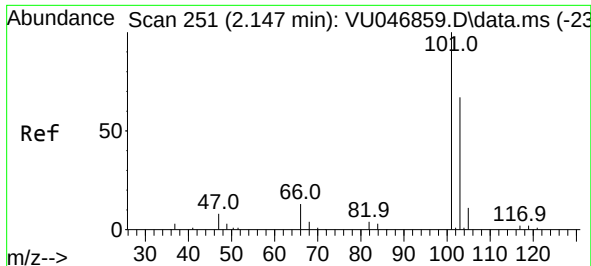
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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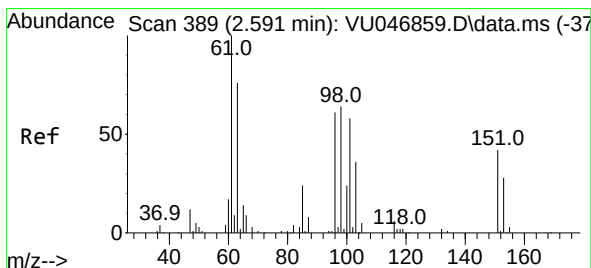
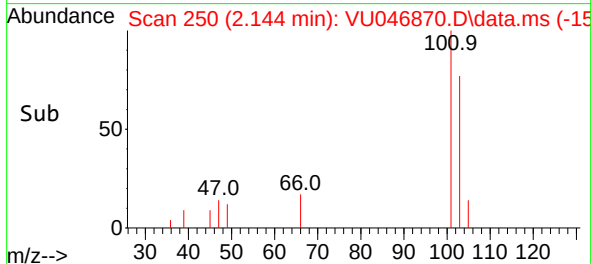
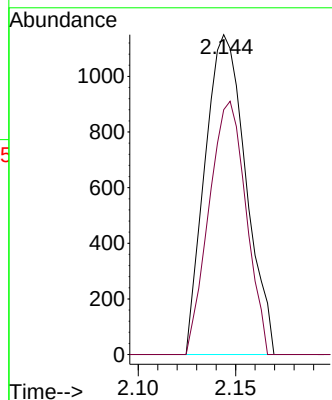
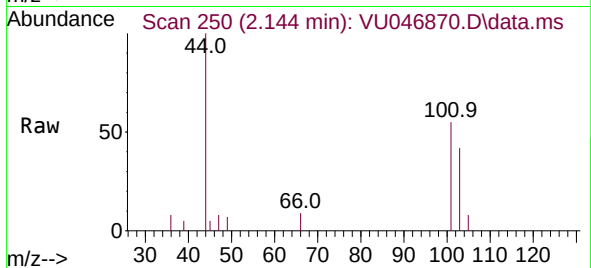




#9
Trichlorofluoromethane
Concen: 0.165 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

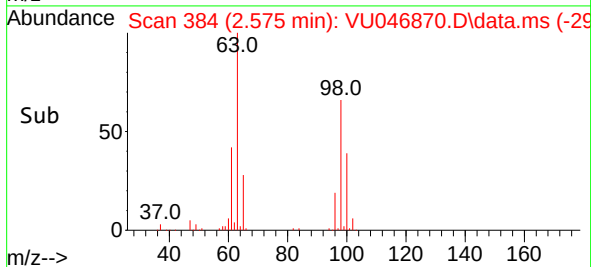
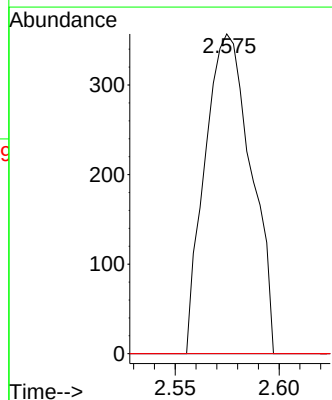
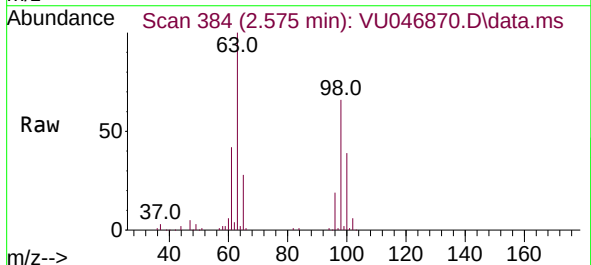
Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

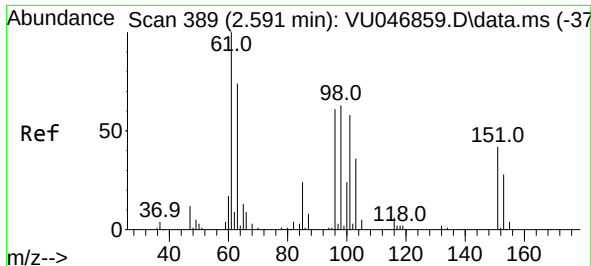
Tgt Ion:101 Resp: 1677
Ion Ratio Lower Upper
101 100
103 71.7 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

Tgt Ion:101 Resp: 552
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: 2.692 ug/L

RT: 2.584 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU046870.D

Acq: 27 Jan 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

BFX2DL

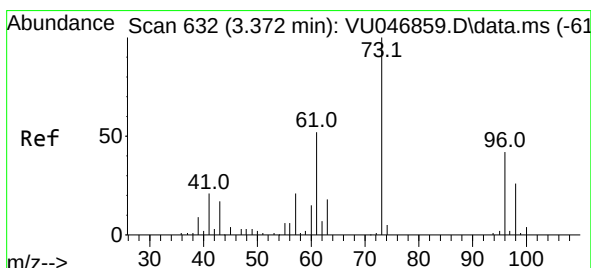
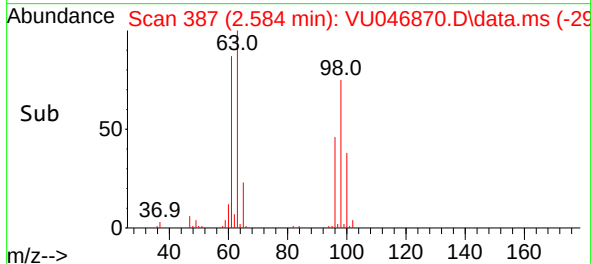
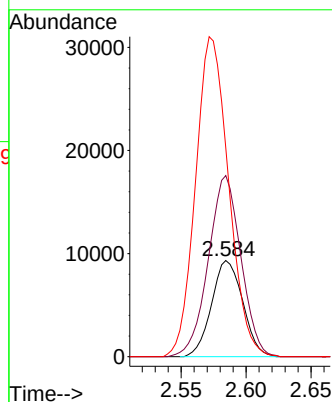
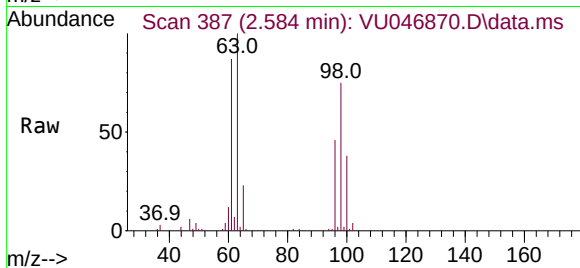
Tgt Ion: 96 Resp: 15540

Ion Ratio Lower Upper

96 100

61 188.3 124.7 231.5

63 216.7 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 2.726 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.003 min

Lab File: VU046870.D

Acq: 27 Jan 2022 14:53

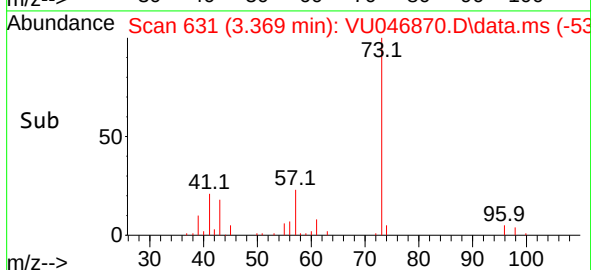
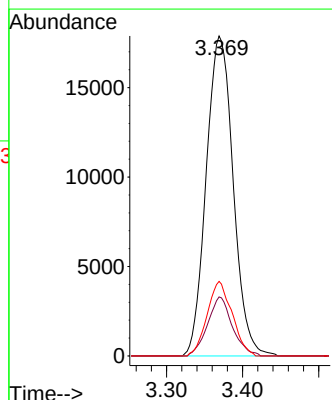
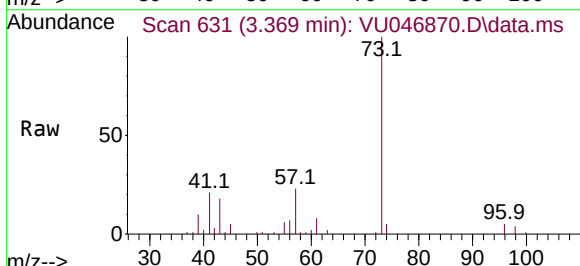
Tgt Ion: 73 Resp: 44150

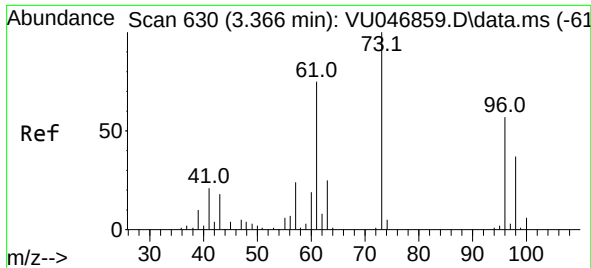
Ion Ratio Lower Upper

73 100

43 16.9 14.8 22.2

57 21.6 17.4 26.0

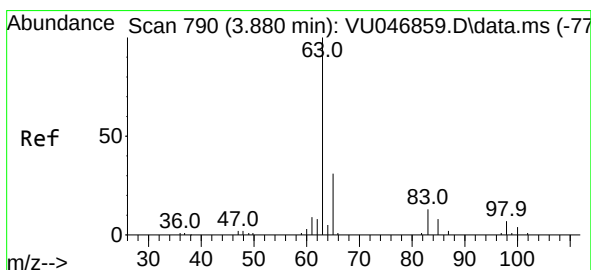
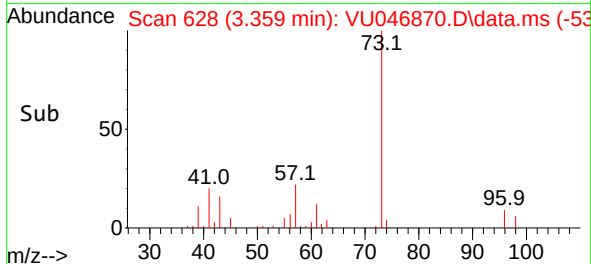
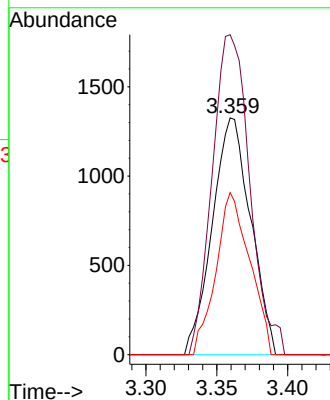
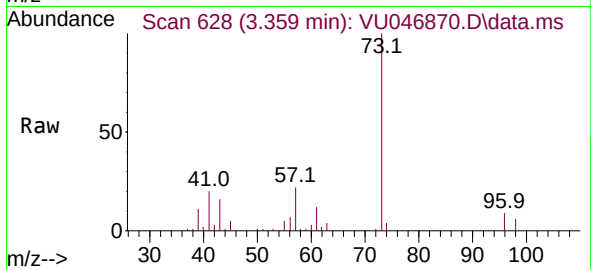




#18
trans-1,2-Dichloroethene
Concen: 0.399 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

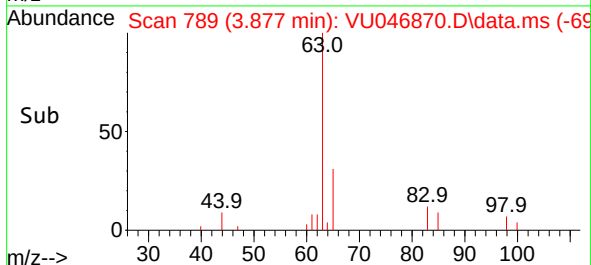
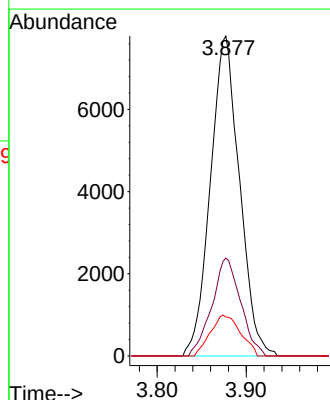
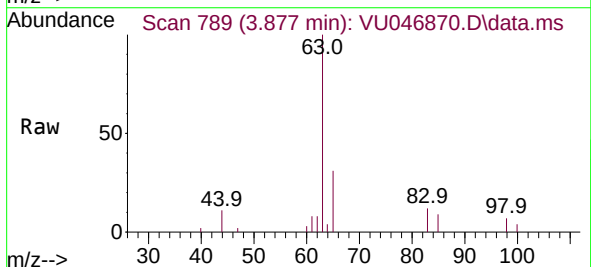
Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

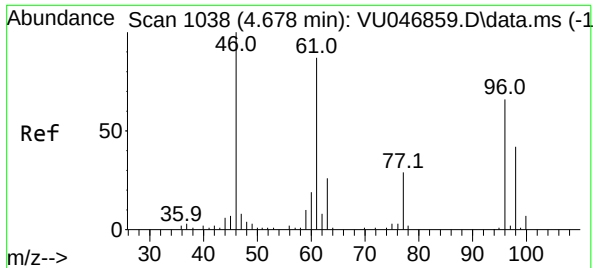
Tgt Ion: 96 Resp: 2497
Ion Ratio Lower Upper
96 100
61 135.1 100.8 187.2
98 68.5 45.1 83.7



#19
1,1-Dichloroethane
Concen: 1.684 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

Tgt Ion: 63 Resp: 17673
Ion Ratio Lower Upper
63 100
65 30.6 22.3 41.5
83 12.2 9.6 17.8

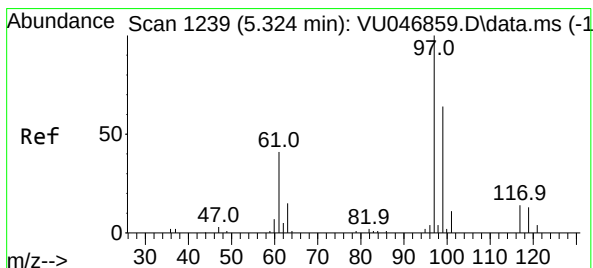
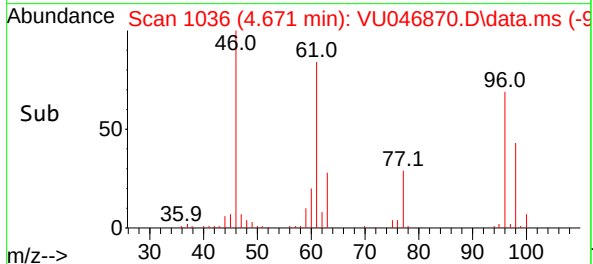
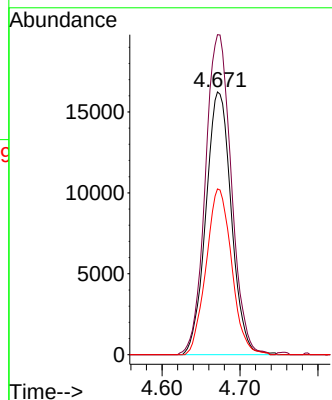
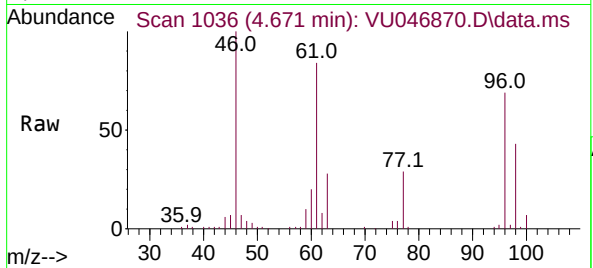




#22
 cis-1,2-Dichloroethene
 Concen: 5.577 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VU046870.D
 Acq: 27 Jan 2022 14:53

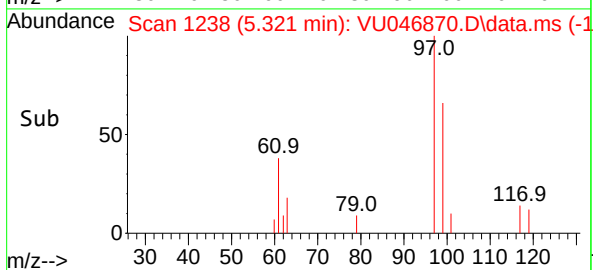
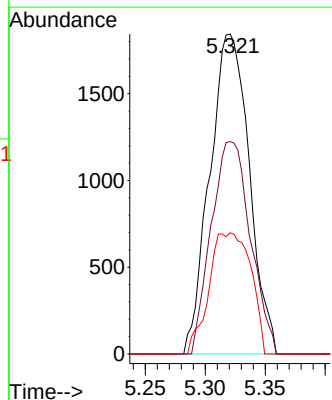
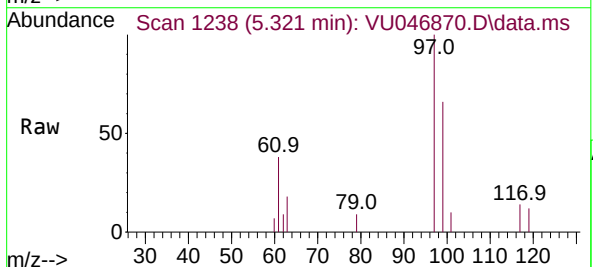
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 ClientSampleId :
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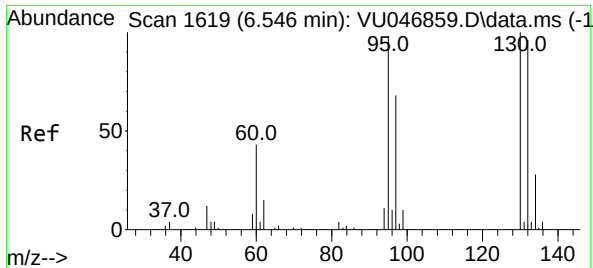
Tgt Ion: 96 Resp: 36790
 Ion Ratio Lower Upper
 96 100
 61 121.8 88.5 164.3
 98 63.1 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.419 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046870.D
 Acq: 27 Jan 2022 14:53

Tgt Ion: 97 Resp: 4222
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.3 76.9
 61 18.2 36.1 54.1#



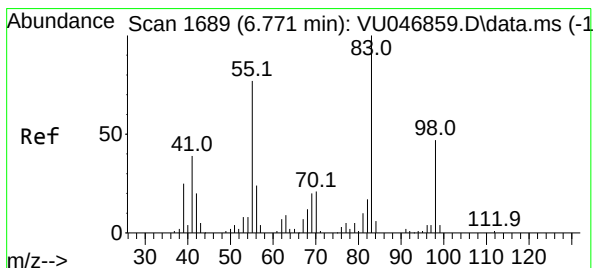
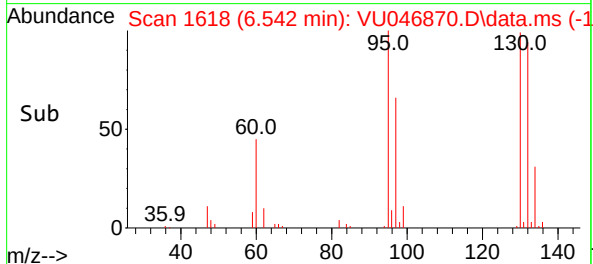
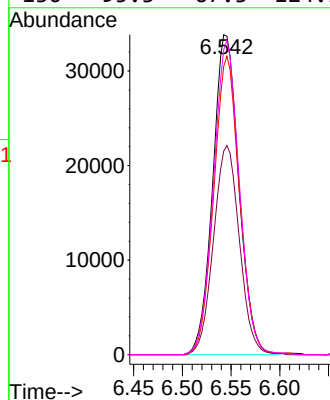
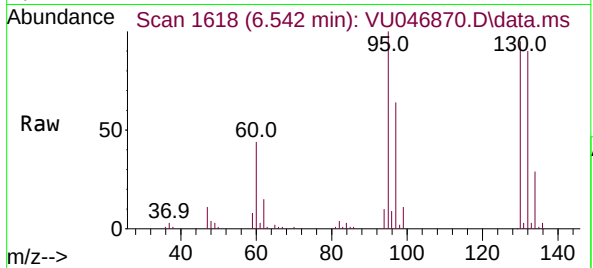


#34
Trichloroethene
Concen: 9.211 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

Tgt Ion: 95 Resp: 62976

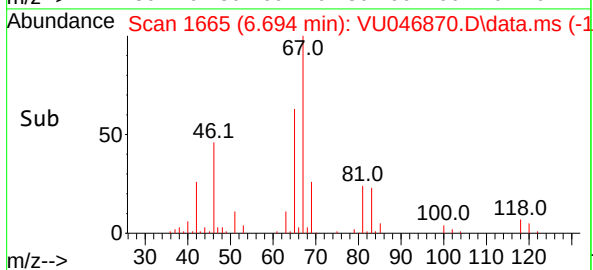
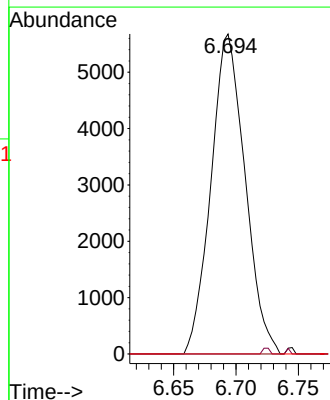
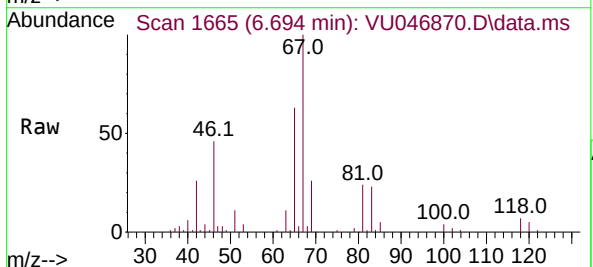
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.5
132	90.1	65.1	120.9
130	95.3	67.3	124.9

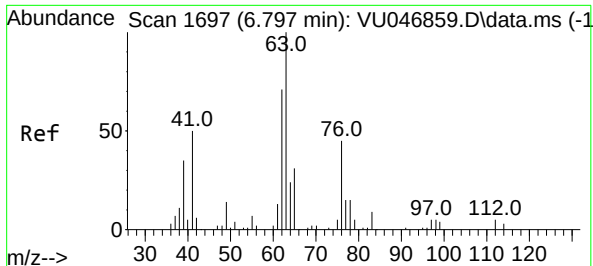


#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.077 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

Tgt Ion: 83 Resp: 10805

Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.9	92.9#
98	0.0	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.736 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046870.D

Acq: 27 Jan 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

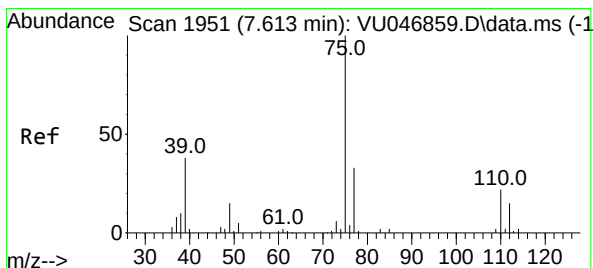
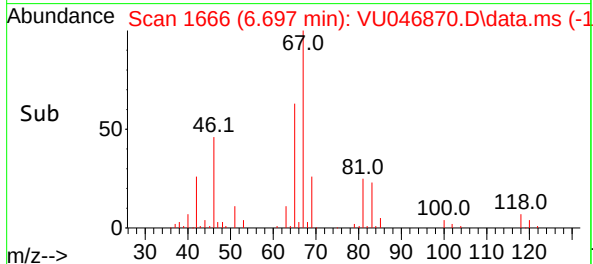
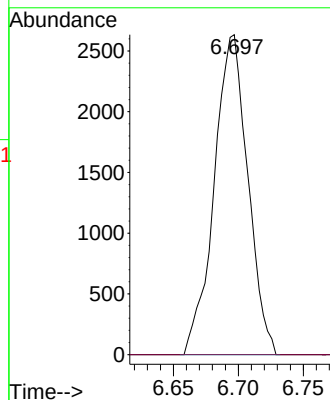
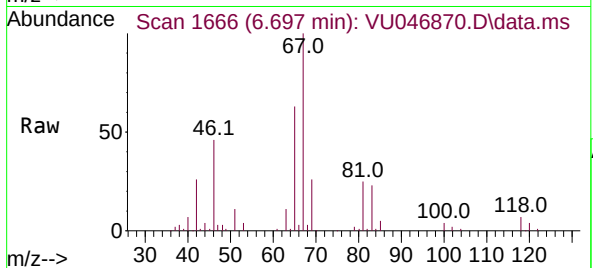
BFX2DL

Tgt Ion: 63 Resp: 4752

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046870.D

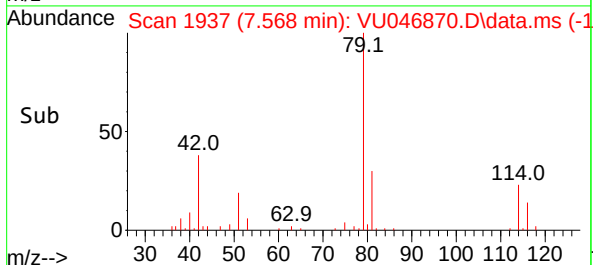
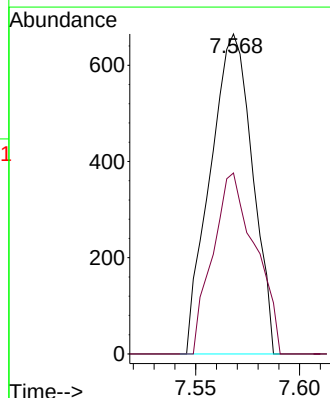
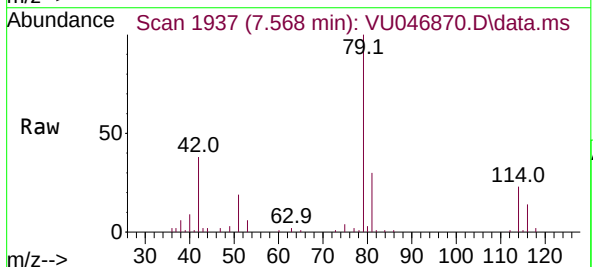
Acq: 27 Jan 2022 14:53

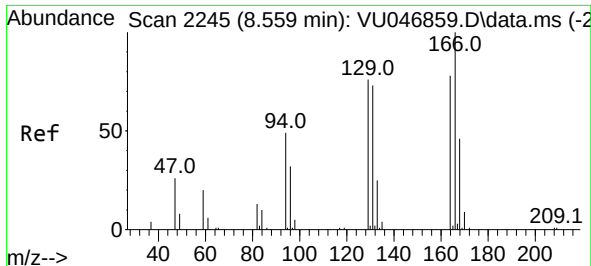
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 56.5 22.5 41.9#

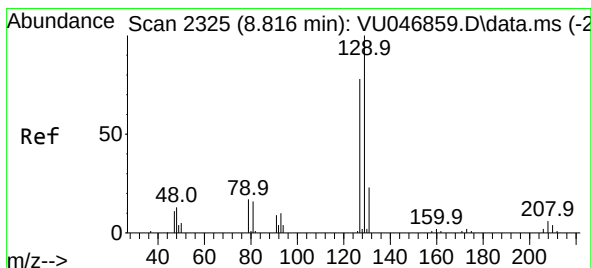
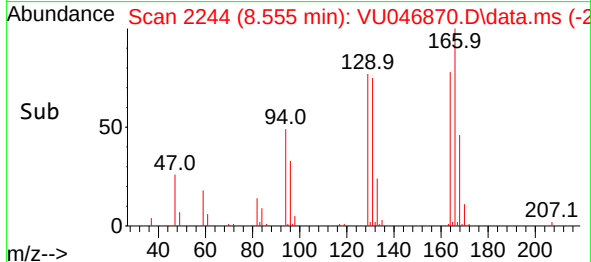
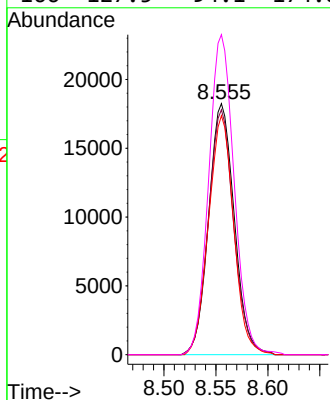
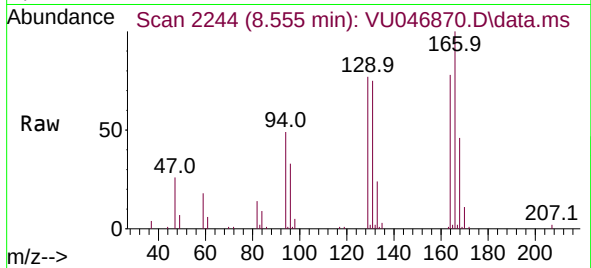




#47
Tetrachloroethene
Concen: 5.622 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

Tgt Ion:164 Resp: 31265
Ion Ratio Lower Upper
164 100
129 97.6 71.8 133.4
131 95.2 68.5 127.3
166 127.5 94.1 174.8



#49
Dibromochloromethane
Concen: 4.636 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.261 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

Tgt Ion:129 Resp: 30059
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#

