

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 :
 BFXV2DL

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

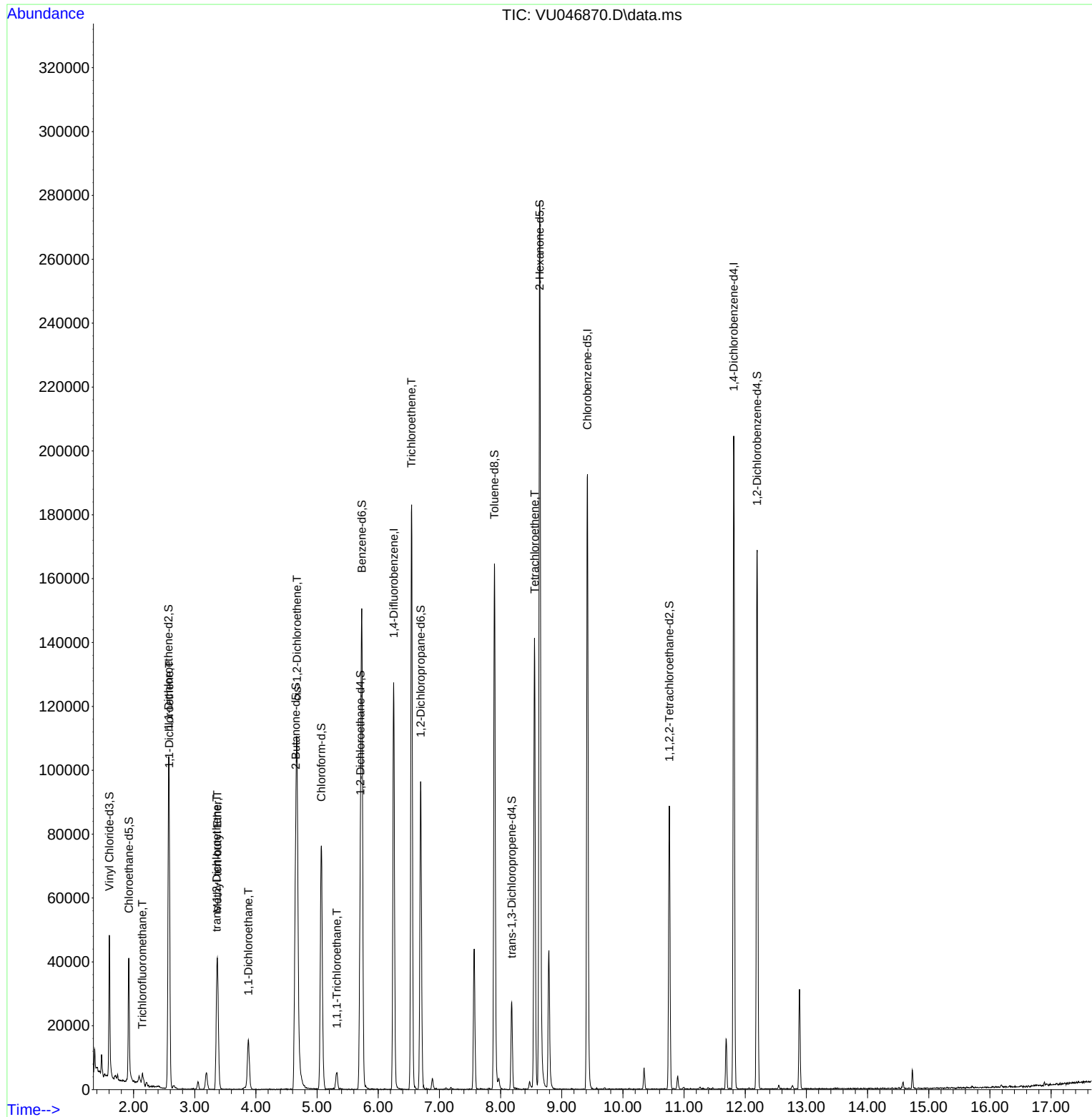
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	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						
9) Trichlorofluoromethane	2.144	101	1677	0.165	ug/L	91
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
47) Tetrachloroethene	8.555	164	31265	5.622	ug/L	95

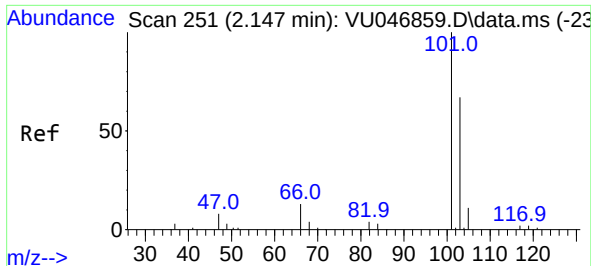
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BFX Y2DL

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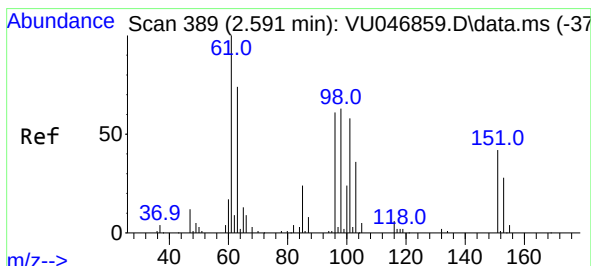
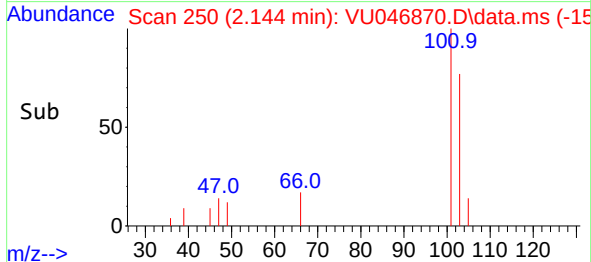
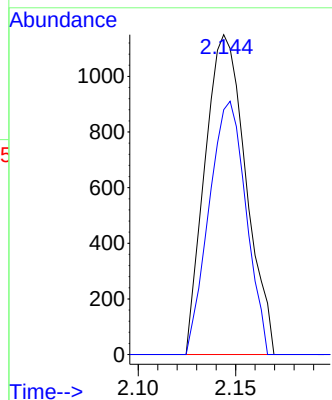
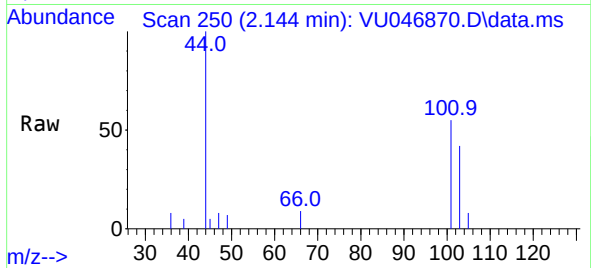




#9
Trichlorofluoromethane
Concen: 0.165 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

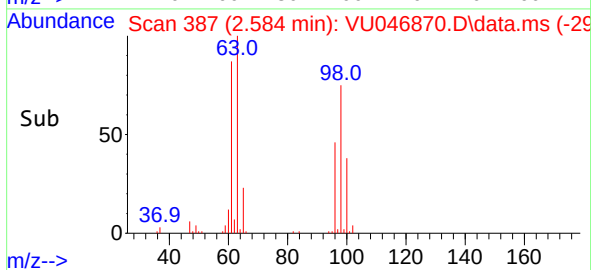
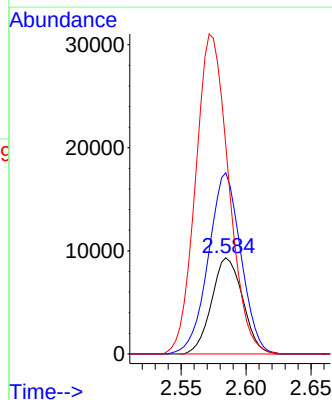
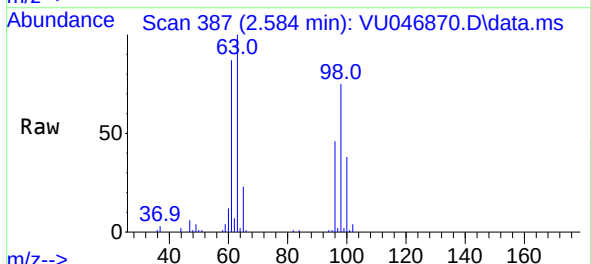
Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

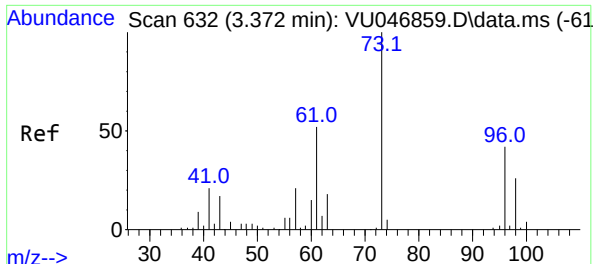
Tgt Ion:101 Resp: 1677
Ion Ratio Lower Upper
101 100
103 71.7 51.5 77.3



#12
1,1-Dichloroethene
Concen: 2.692 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.007 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

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#

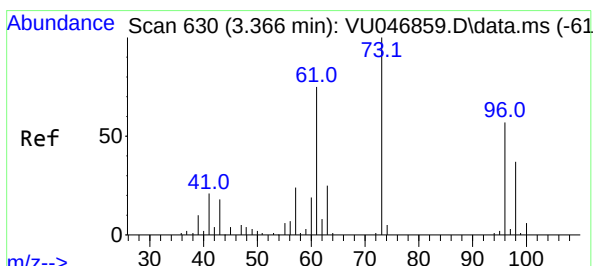
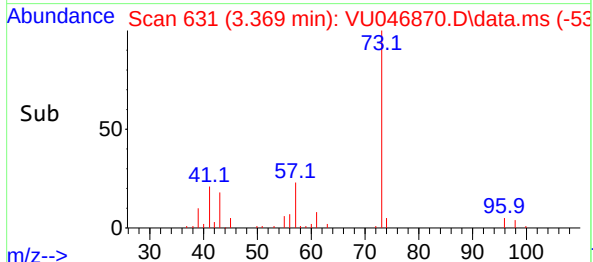
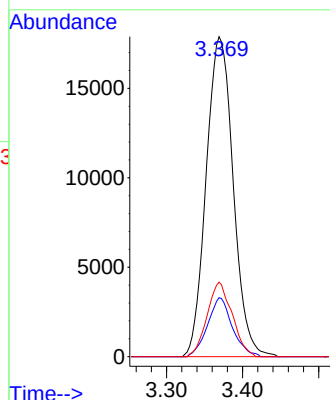
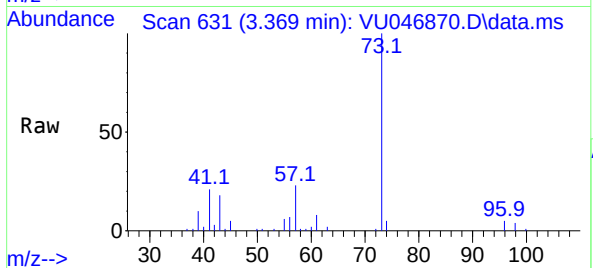




#17
Methyl tert-butyl Ether
Concen: 2.726 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

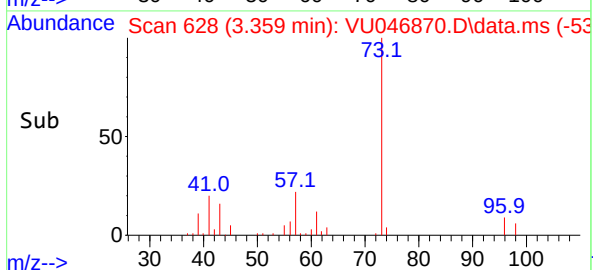
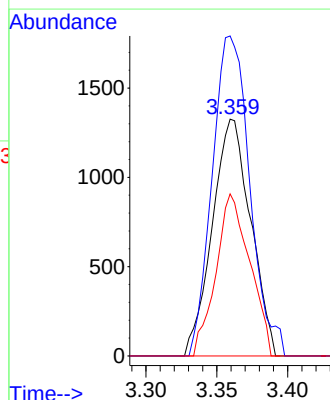
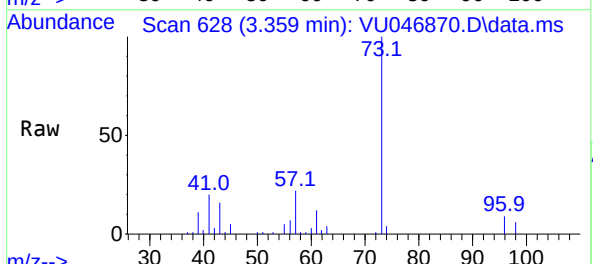
Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

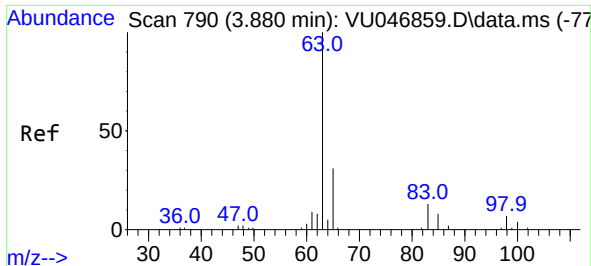
Tgt Ion: 73 Resp: 44150
Ion Ratio Lower Upper
73 100
43 16.9 14.8 22.2
57 21.6 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.399 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.007 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

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# 71

Delta R.T. -0.003 min

Lab File: VU046870.D

Acq: 27 Jan 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

BFX2DL

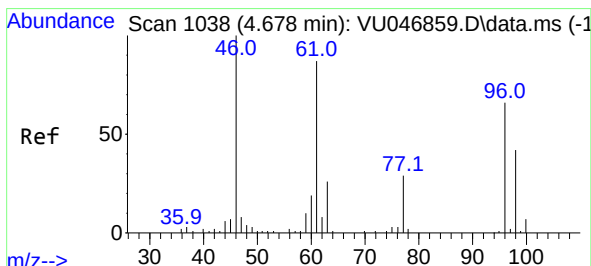
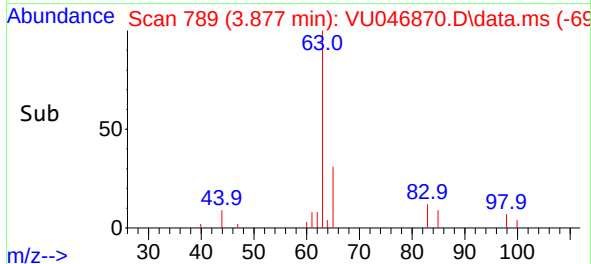
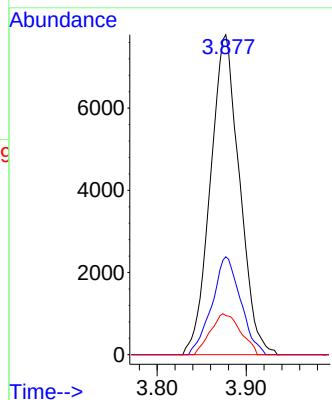
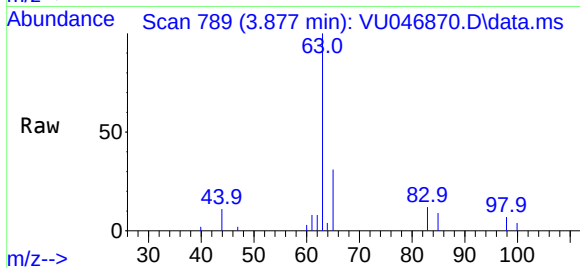
Tgt Ion: 63 Resp: 17673

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

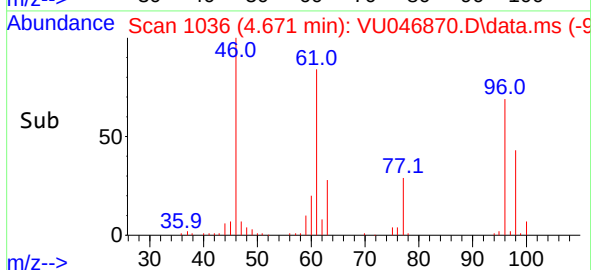
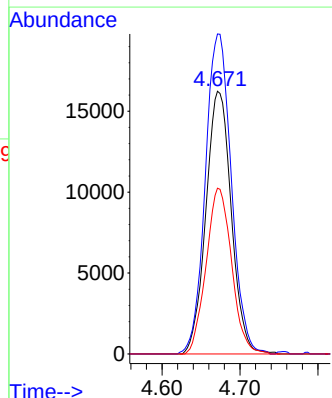
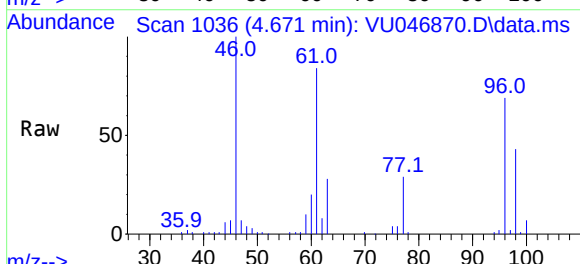
Tgt Ion: 96 Resp: 36790

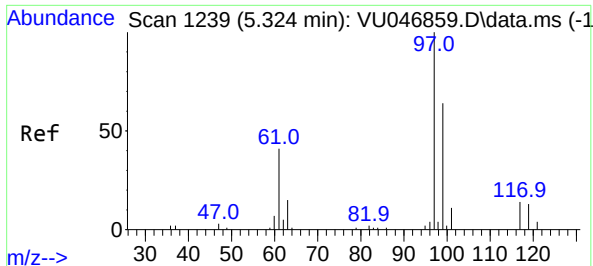
Ion Ratio Lower Upper

96 100

61 121.8 88.5 164.3

98 63.1 44.4 82.5

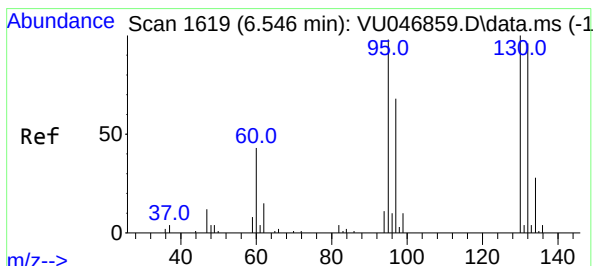
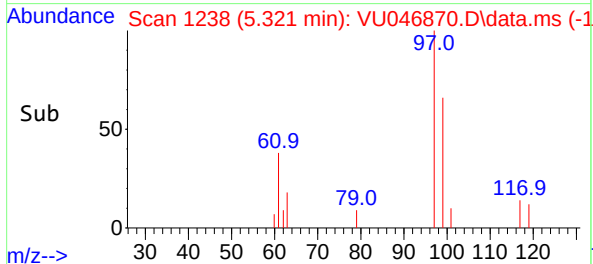
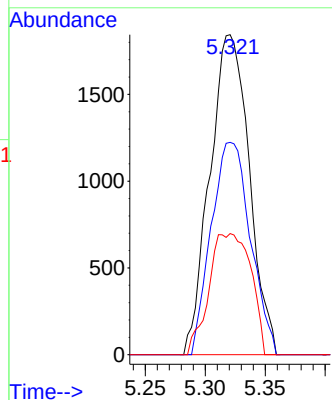
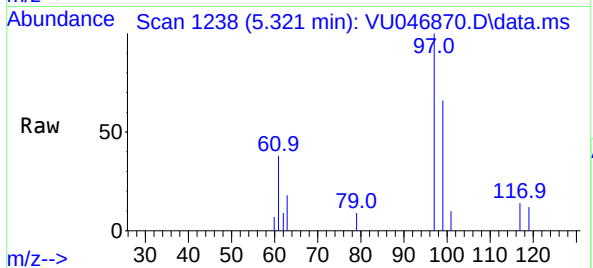




#29
1,1,1-Trichloroethane
Concen: 0.419 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046870.D
Acq: 27 Jan 2022 14:53

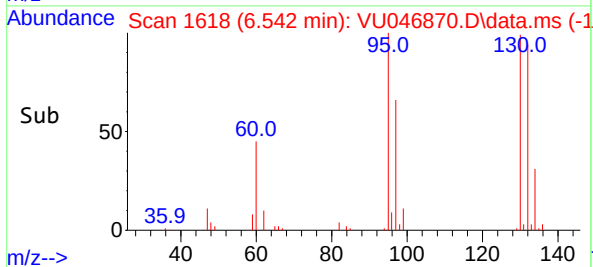
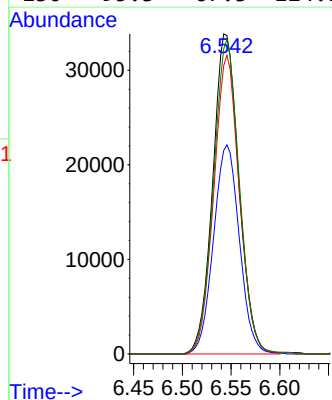
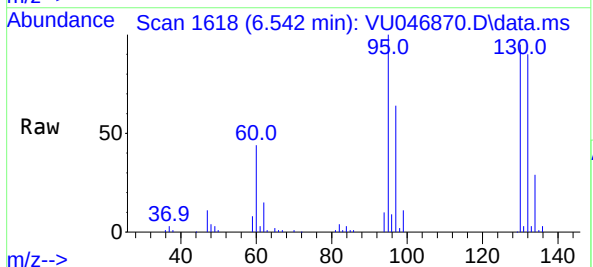
Instrument :
MSVOA_U
ClientSampleId :
BFX2DL

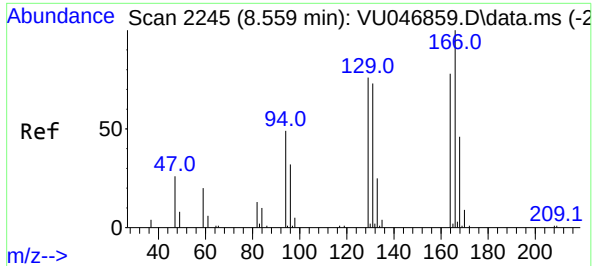
Tgt Ion: 97 Resp: 4222
Ion Ratio Lower Upper
97 100
99 65.9 51.3 76.9
61 18.2 36.1 54.1#



#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

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





#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 :
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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

