

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046886.D
 Acq On : 28 Jan 2022 12:29
 Operator : SY/MD
 Sample : N1260-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX1

Quant Time: Jan 28 13:01:24 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)

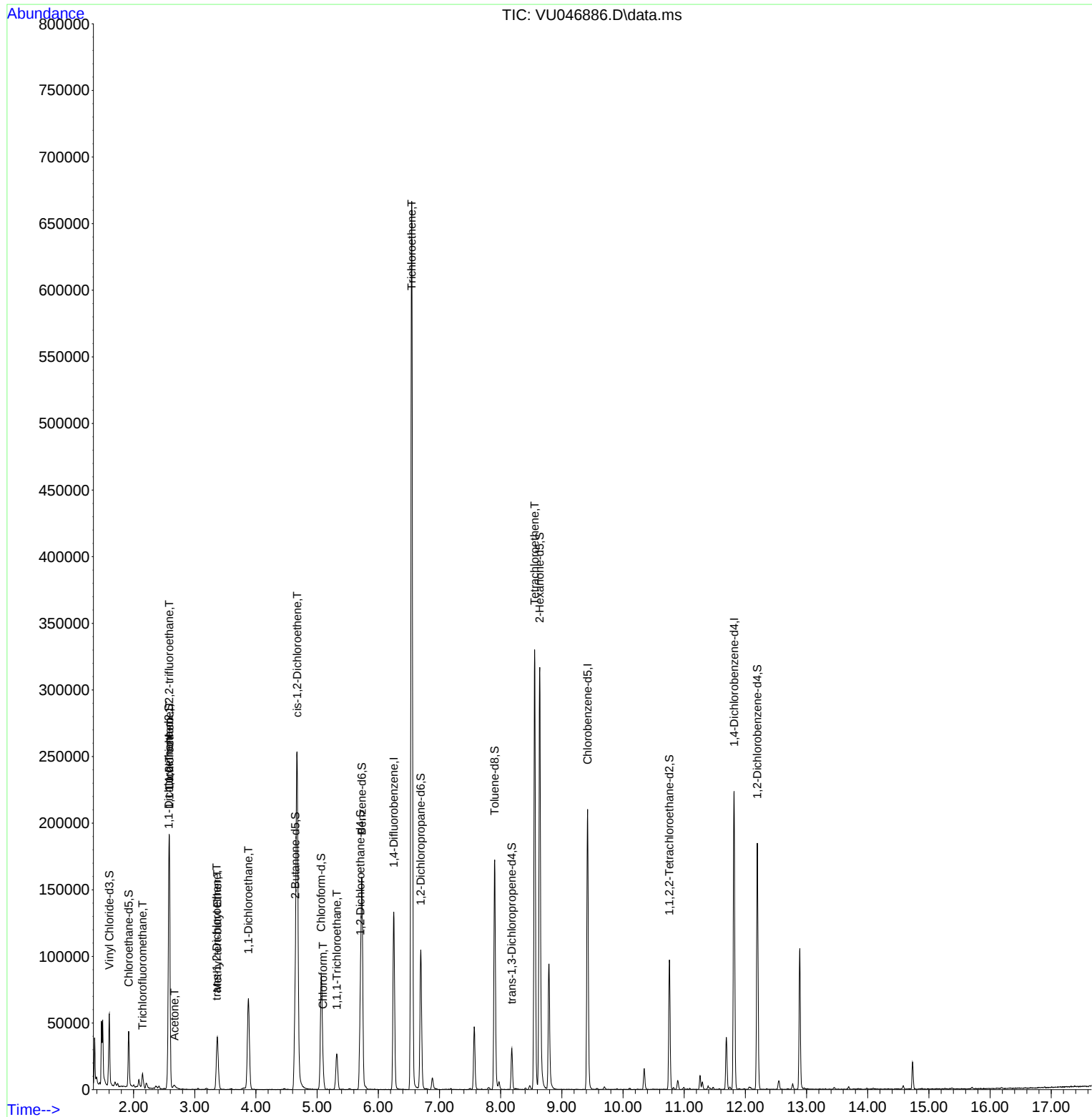
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108508	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	60245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33260	3.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.919	69	32584	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.575	65	14990	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.645	46	140360	51.529	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.060%
24) Chloroform-d	5.067	84	80391	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.706	65	43285	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.732	84	151277	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.694	67	50628	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.902	98	120061	3.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.182	79	17528	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.639	63	119431	43.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47836	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	47961	4.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	6098	0.572	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2511	0.396	ug/L	87
12) 1,1-Dichloroethene	2.588	96	48200	7.955	ug/L #	73
13) Acetone	2.668	43	6942	4.686	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	39642	2.332	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	2001	0.305	ug/L	88
19) 1,1-Dichloroethane	3.877	63	77762	7.058	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	117787	17.015	ug/L	94
25) Chloroform	5.096	83	11269	0.644	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	19818	1.837	ug/L	98
34) Trichloroethene	6.546	95	231703	31.641	ug/L	99
47) Tetrachloroethene	8.555	164	72443	12.164	ug/L	94

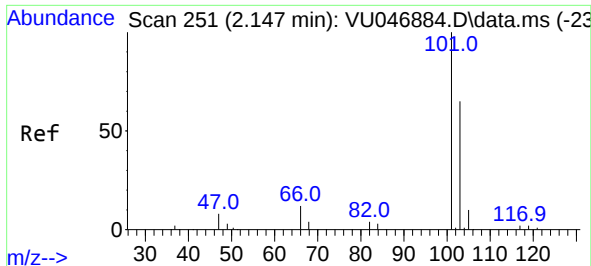
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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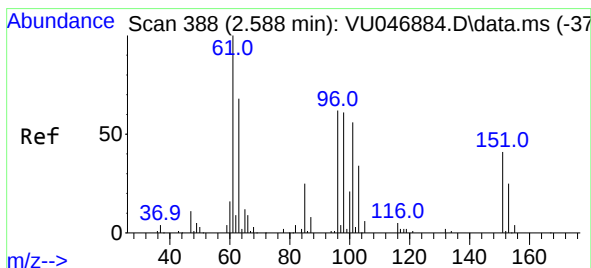
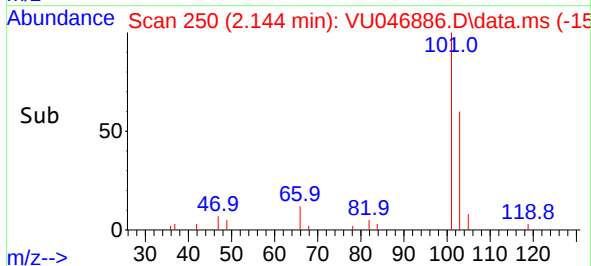
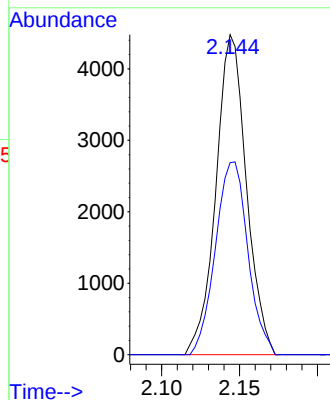
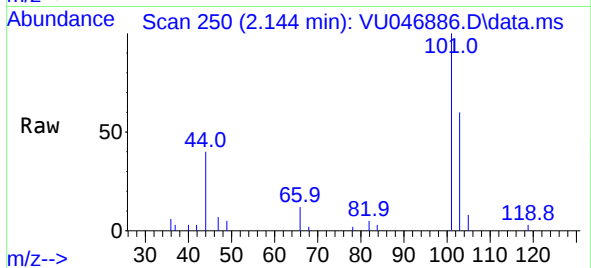




#9
Trichlorofluoromethane
Concen: 0.572 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

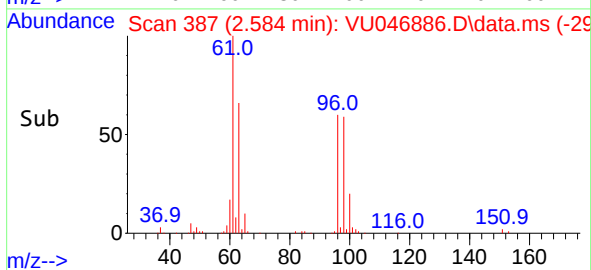
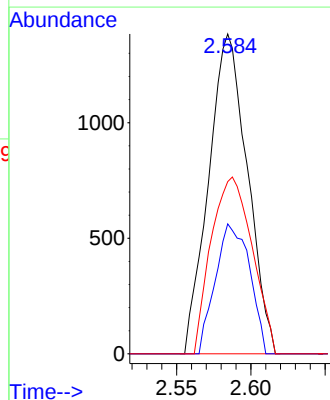
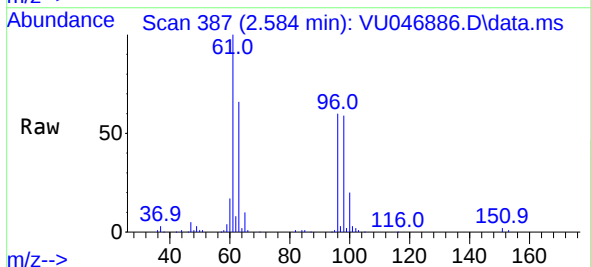
Instrument :
MSVOA_U
ClientSampleId :
BFX1

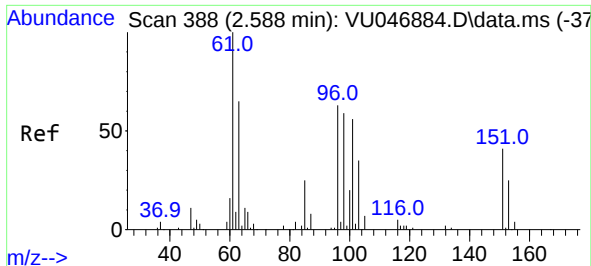
Tgt Ion:101 Resp: 6098
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.396 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.007 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

Tgt Ion:101 Resp: 2511
Ion Ratio Lower Upper
101 100
85 35.9 34.6 51.8
151 58.7 56.1 84.1





#12

1,1-Dichloroethene

Concen: 7.955 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU046886.D

Acq: 28 Jan 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

BFX1

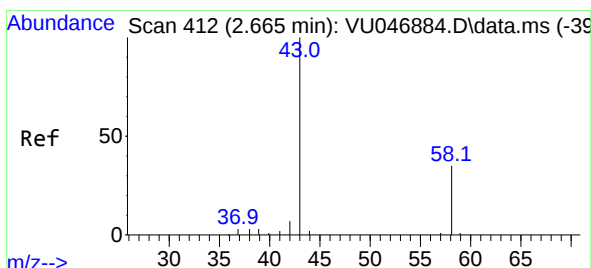
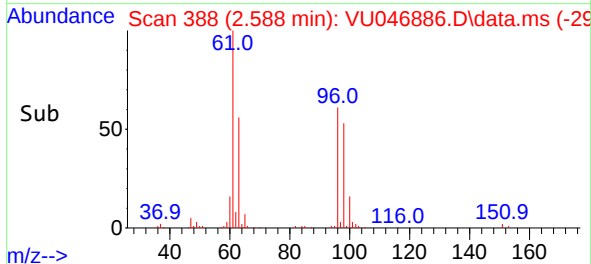
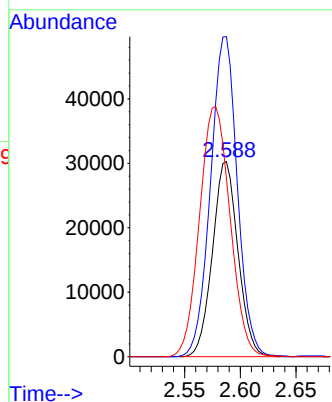
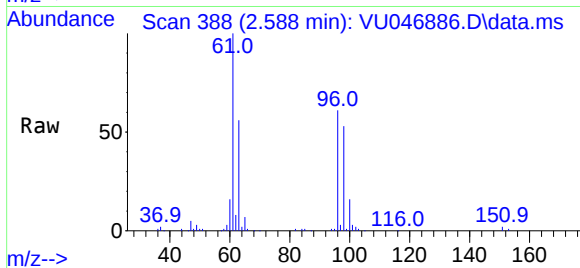
Tgt Ion: 96 Resp: 48200

Ion Ratio Lower Upper

96 100

61 164.1 124.7 231.5

63 91.3 105.2 195.4#



#13

Acetone

Concen: 4.686 ug/L

RT: 2.668 min Scan# 413

Delta R.T. -0.026 min

Lab File: VU046886.D

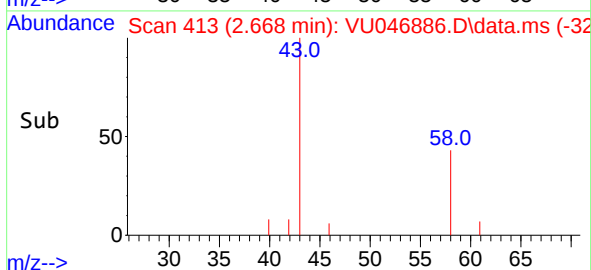
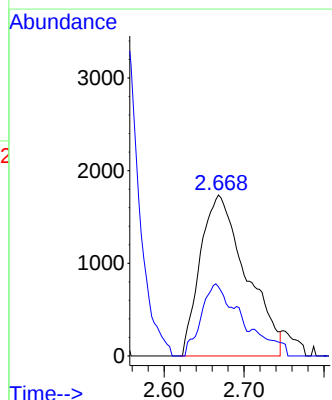
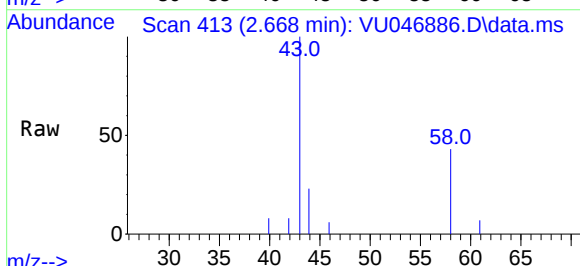
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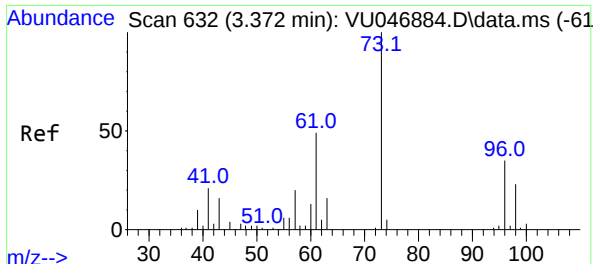
Tgt Ion: 43 Resp: 6942

Ion Ratio Lower Upper

43 100

58 33.4 0.0 71.6





#17

Methyl tert-butyl Ether

Concen: 2.332 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046886.D

Acq: 28 Jan 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

BFX1

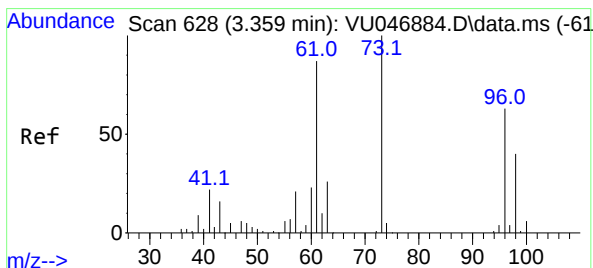
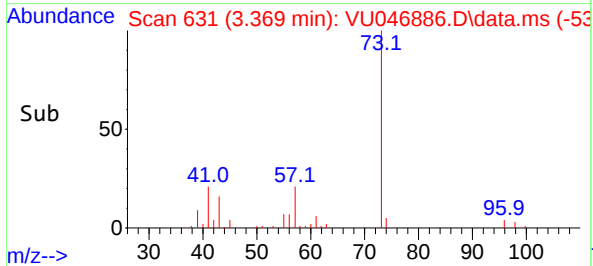
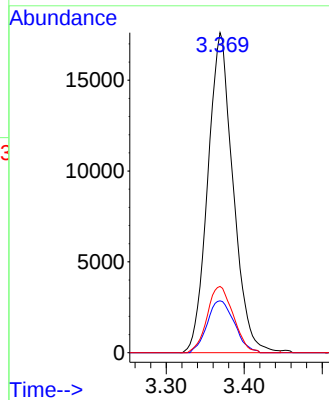
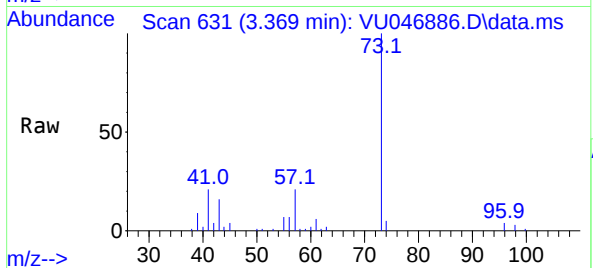
Tgt Ion: 73 Resp: 39642

Ion Ratio Lower Upper

73 100

43 17.5 14.8 22.2

57 21.4 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 0.305 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.007 min

Lab File: VU046886.D

Acq: 28 Jan 2022 12:29

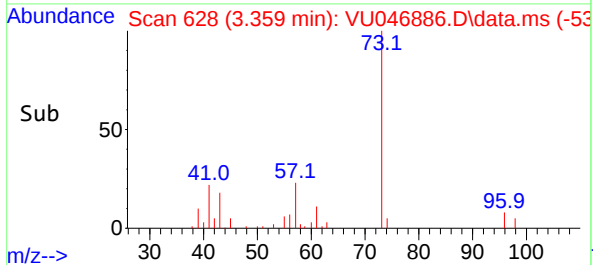
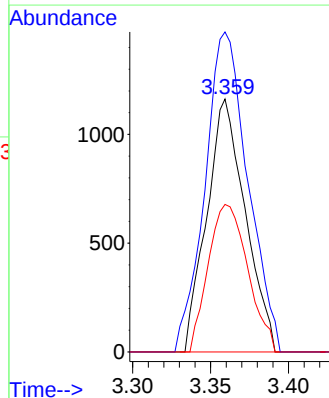
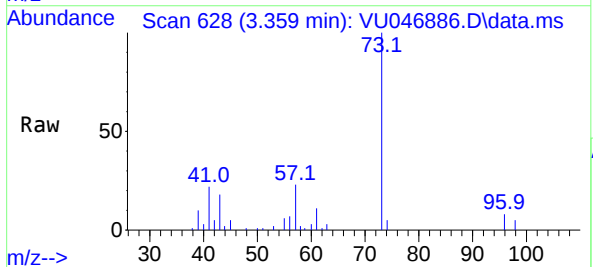
Tgt Ion: 96 Resp: 2001

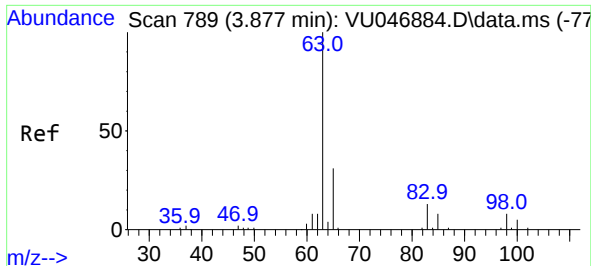
Ion Ratio Lower Upper

96 100

61 126.5 100.8 187.2

98 58.3 45.1 83.7

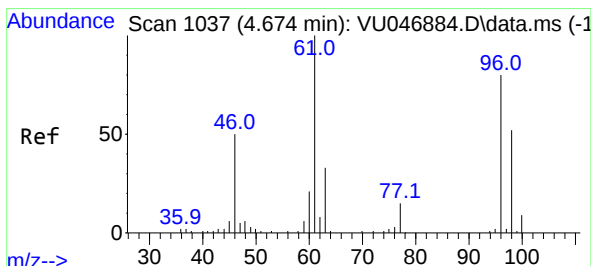
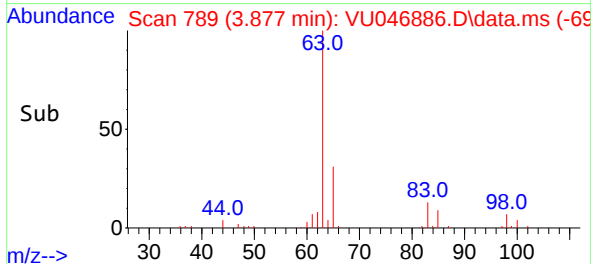
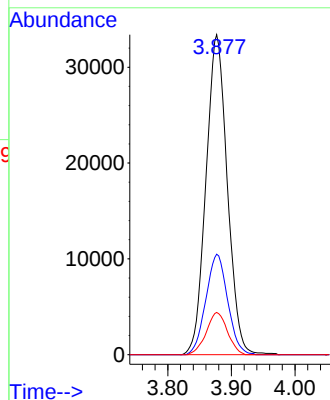
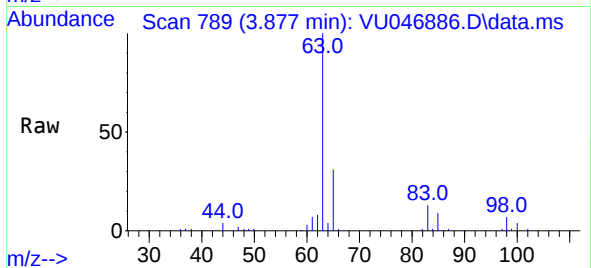




#19
1,1-Dichloroethane
Concen: 7.058 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

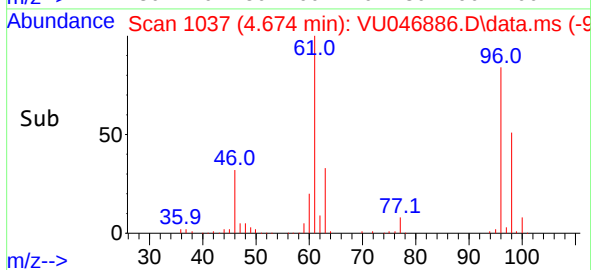
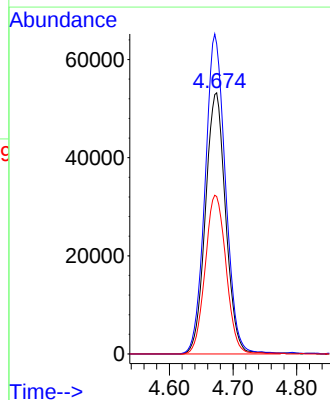
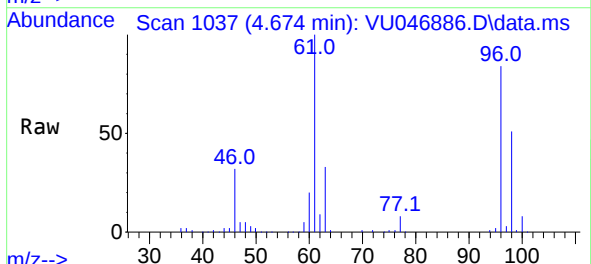
Instrument :
MSVOA_U
ClientSampleId :
BFX1

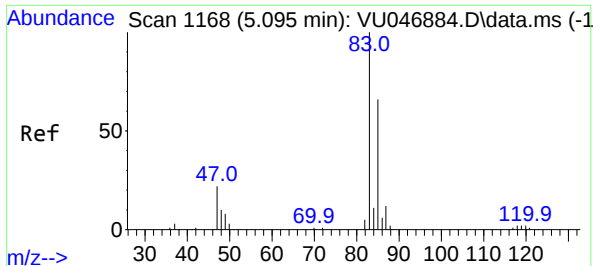
Tgt Ion:	63	Resp:	77762
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.3	41.5
83	13.2	9.6	17.8



#22
cis-1,2-Dichloroethene
Concen: 17.015 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

Tgt Ion:	96	Resp:	117787
Ion	Ratio	Lower	Upper
96	100		
61	118.8	88.5	164.3
98	60.3	44.4	82.5

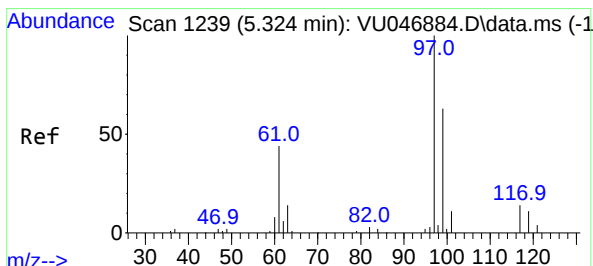
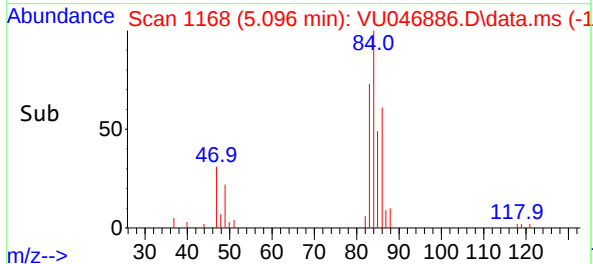
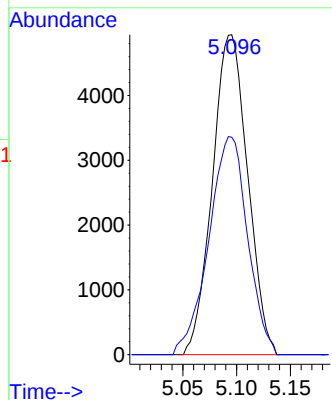
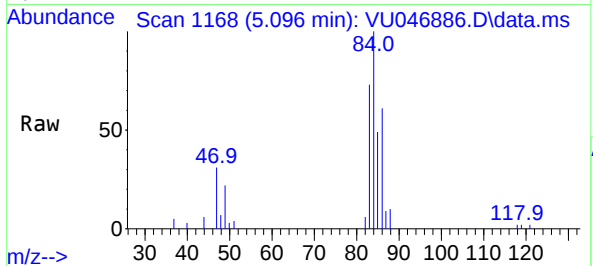




#25
Chloroform
Concen: 0.644 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

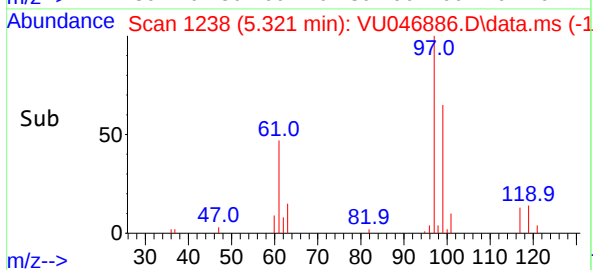
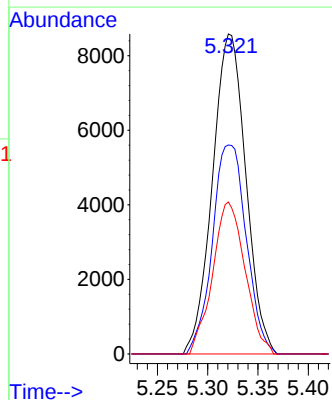
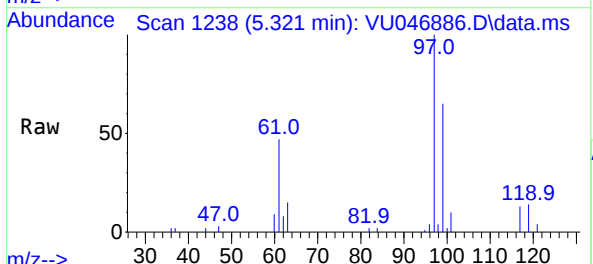
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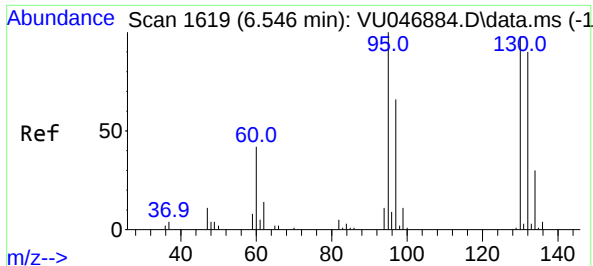
Tgt Ion: 83 Resp: 11269
Ion Ratio Lower Upper
83 100
85 68.0 46.9 87.1



#29
1,1,1-Trichloroethane
Concen: 1.837 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

Tgt Ion: 97 Resp: 19818
Ion Ratio Lower Upper
97 100
99 66.4 51.3 76.9
61 46.2 36.1 54.1



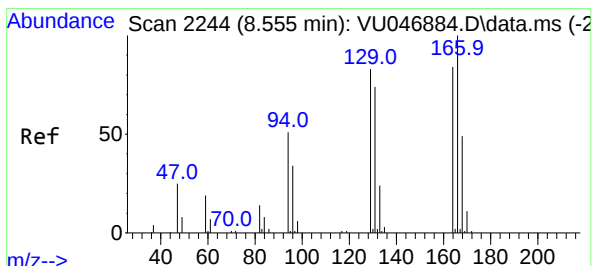
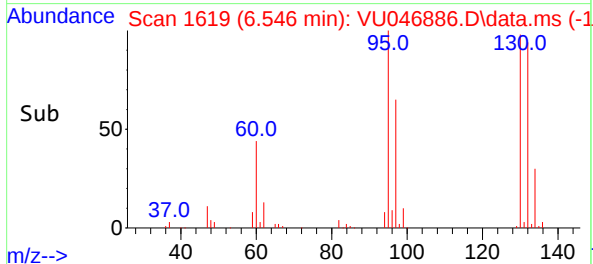
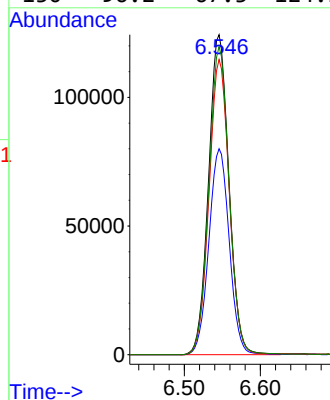
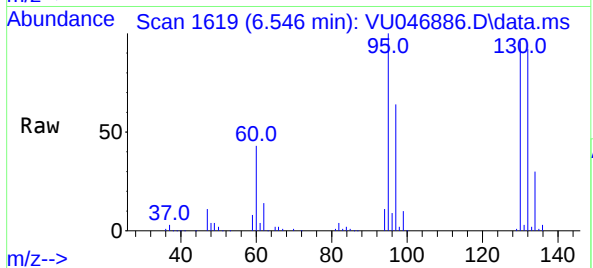


#34
Trichloroethene
Concen: 31.641 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
BFX1

Tgt Ion: 95 Resp: 231703

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.5
132	92.3	65.1	120.9
130	96.2	67.3	124.9



#47
Tetrachloroethene
Concen: 12.164 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046886.D
Acq: 28 Jan 2022 12:29

Tgt Ion: 164 Resp: 72443

Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.8	133.4
131	93.7	68.5	127.3
166	126.4	94.1	174.8

