

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046848.D
 Acq On : 26 Jan 2022 16:14
 Operator : SY/MD
 Sample : N1260-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXYO

Quant Time: Jan 27 00:14:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 00:12:19 2022
 Response via : Initial Calibration

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

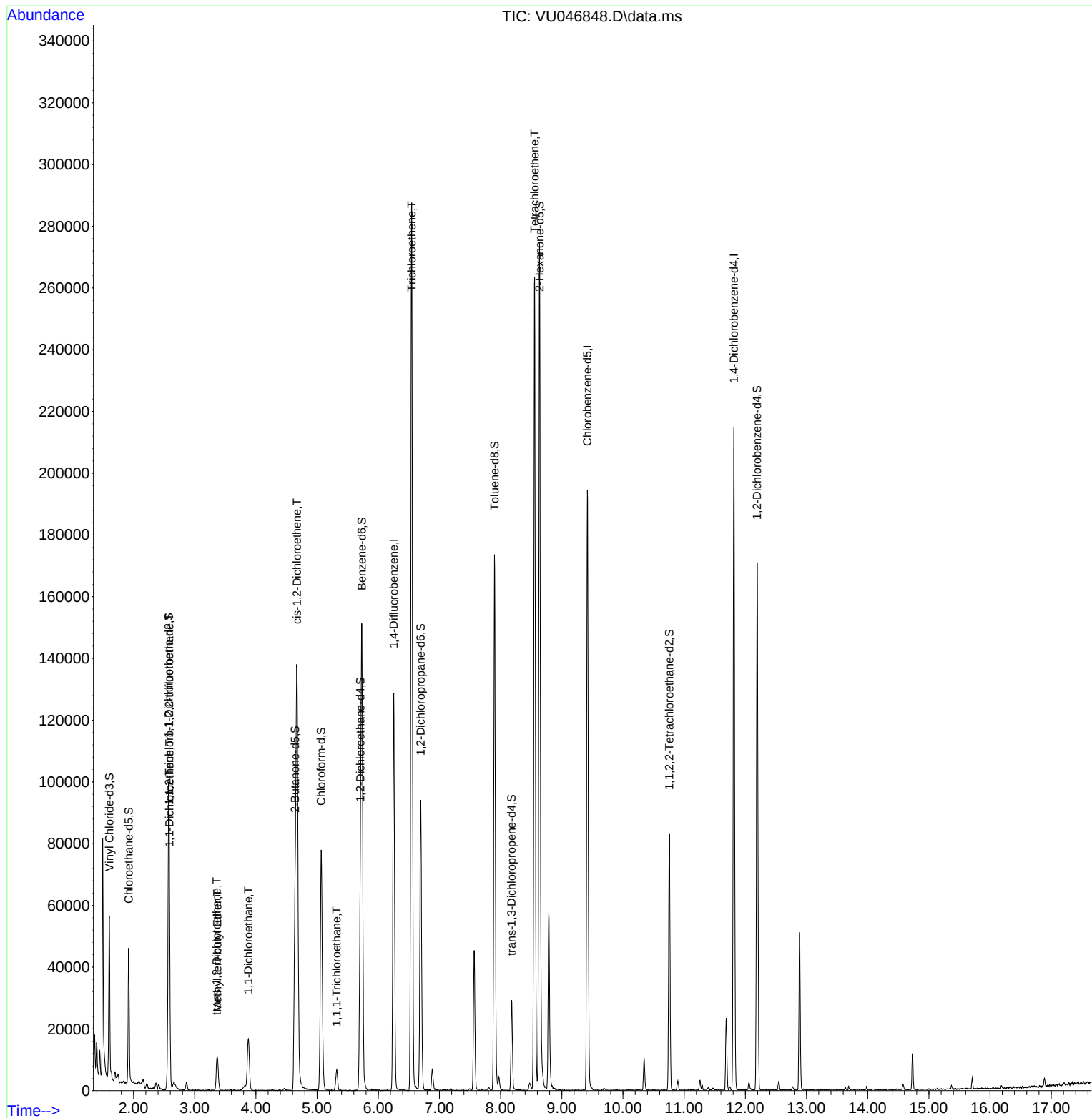
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106559	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	113683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	56692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36869	4.083	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.919	69	33081	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.575	65	16349	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.643	46	115573	43.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.420%
24) Chloroform-d	5.067	84	72445	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.707	65	40870	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.732	84	144513	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.694	67	45036	4.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.900	98	117715	3.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.179	79	17051	3.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.636	63	102282	39.209	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40680	4.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	46262	4.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	992	0.159	ug/L #	53
12) 1,1-Dichloroethene	2.588	96	9648	1.622	ug/L #	59
17) Methyl tert-butyl Ether	3.369	73	11823	0.708	ug/L	97
18) trans-1,2-Dichloroethene	3.360	96	738	0.115	ug/L	88
19) 1,1-Dichloroethane	3.877	63	19958	1.845	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	60301	8.870	ug/L	98
29) 1,1,1-Trichloroethane	5.318	97	4976	0.486	ug/L	96
34) Trichloroethene	6.546	95	101120	14.551	ug/L	97
47) Tetrachloroethene	8.556	164	58888	10.419	ug/L	96

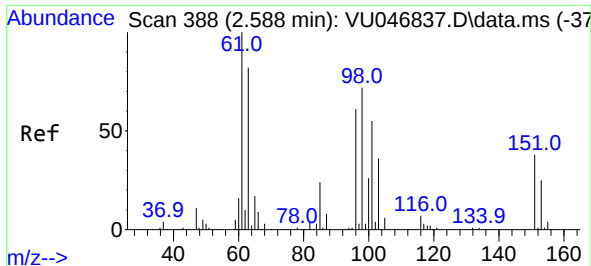
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 27 00:12:19 2022
Response via : Initial Calibration

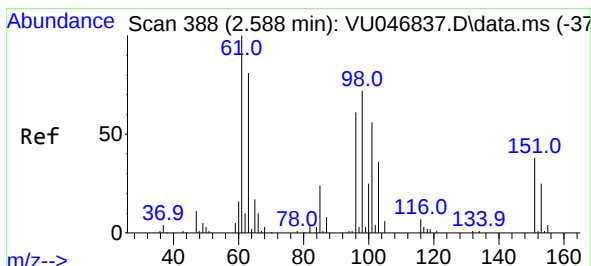
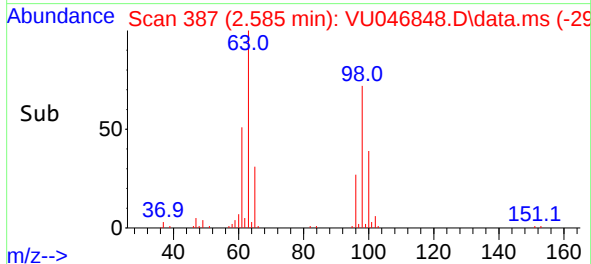
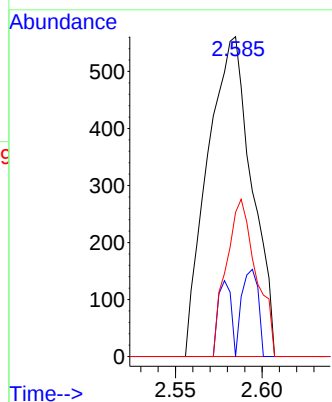
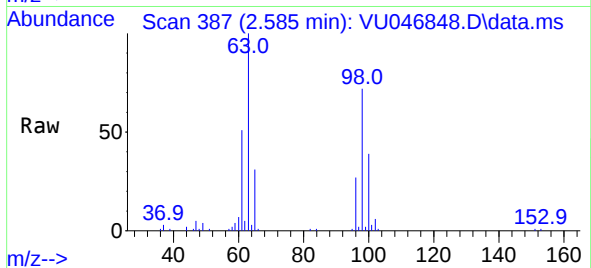




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.159 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

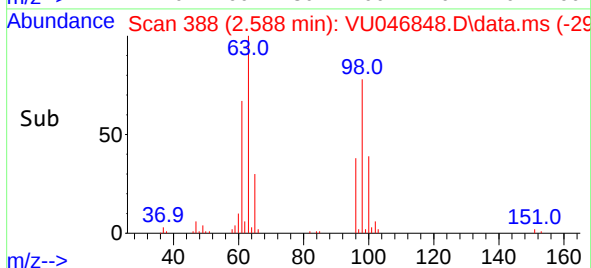
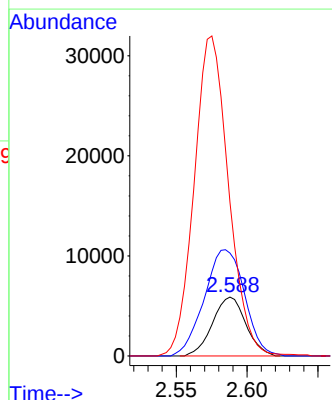
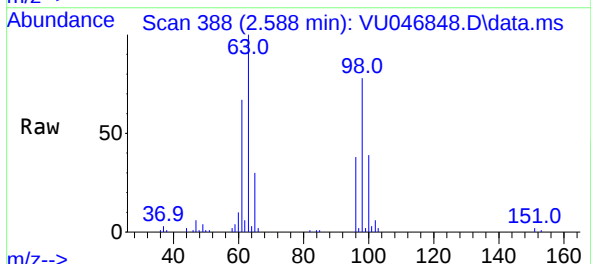
Instrument :
MSVOA_U
ClientSampleId :
BFX0

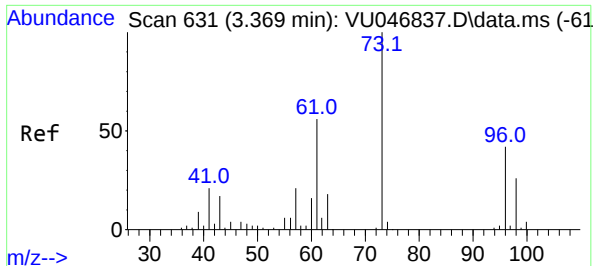
Tgt Ion:101 Resp: 992
Ion Ratio Lower Upper
101 100
85 10.2 34.6 51.8#
151 33.6 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 1.622 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 96 Resp: 9648
Ion Ratio Lower Upper
96 100
61 174.7 124.7 231.5
63 261.3 105.2 195.4#

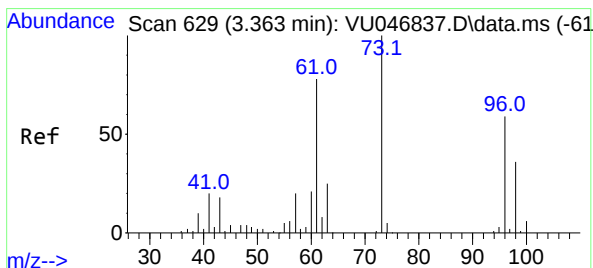
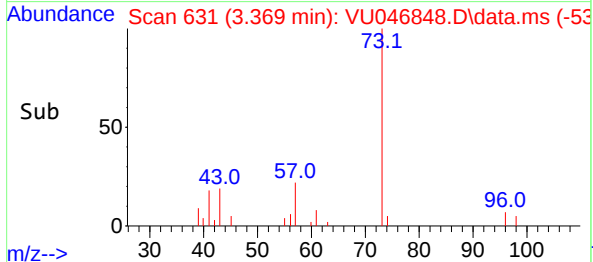
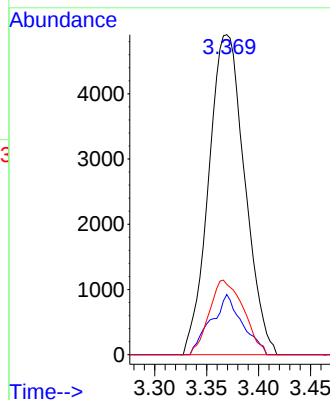
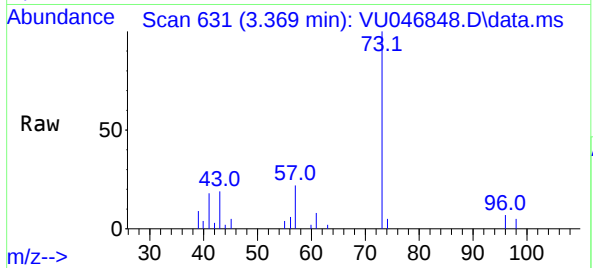




#17
Methyl tert-butyl Ether
Concen: 0.708 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

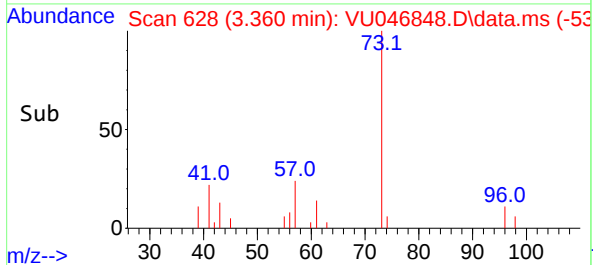
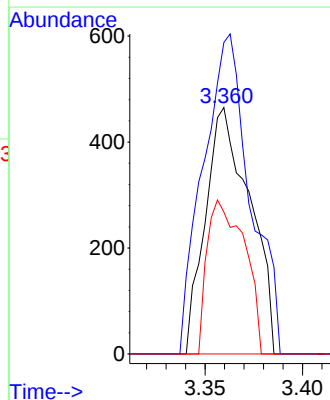
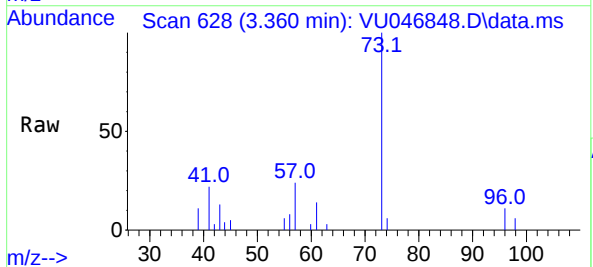
Instrument :
MSVOA_U
ClientSampleId :
BFX0

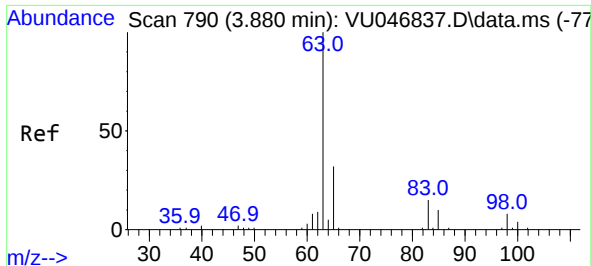
Tgt Ion: 73 Resp: 11823
Ion Ratio Lower Upper
73 100
43 16.4 14.8 22.2
57 22.2 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 3.360 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 96 Resp: 738
Ion Ratio Lower Upper
96 100
61 126.5 100.8 187.2
98 57.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 1.845 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046848.D

Acq: 26 Jan 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

BFX0

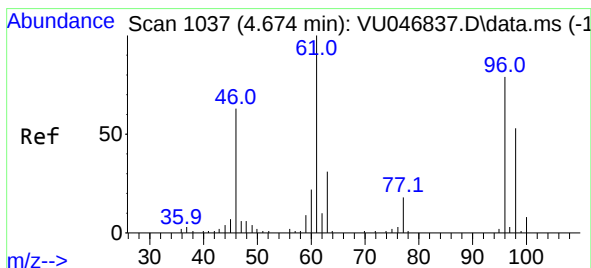
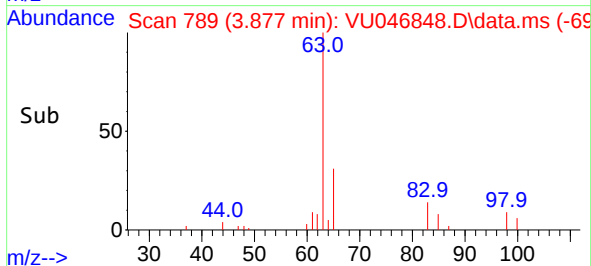
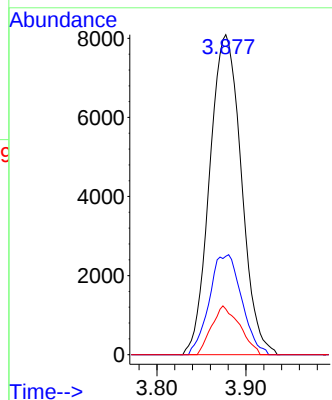
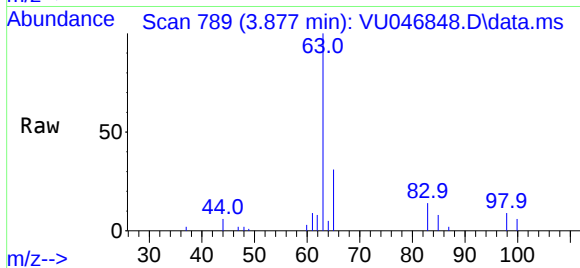
Tgt Ion: 63 Resp: 19958

Ion Ratio Lower Upper

63 100

65 30.7 22.3 41.5

83 14.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 8.870 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046848.D

Acq: 26 Jan 2022 16:14

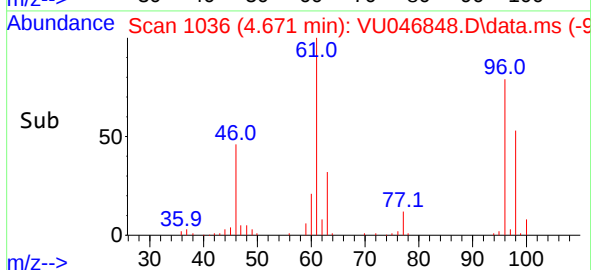
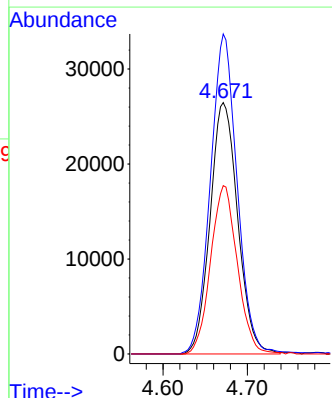
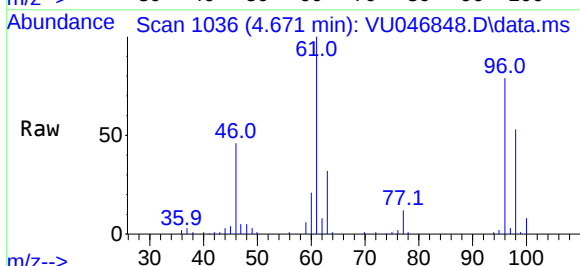
Tgt Ion: 96 Resp: 60301

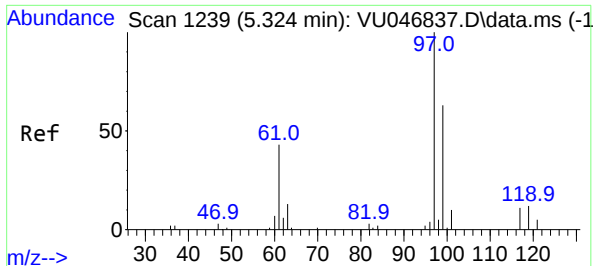
Ion Ratio Lower Upper

96 100

61 127.3 88.5 164.3

98 66.9 44.4 82.5



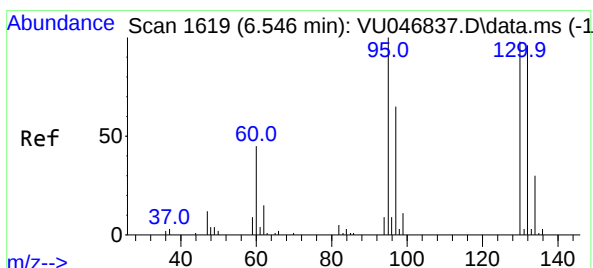
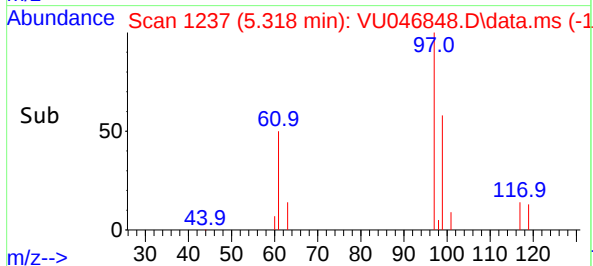
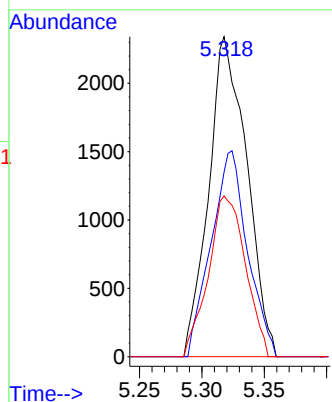
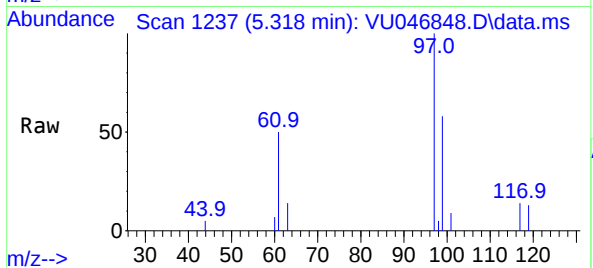


#29
1,1,1-Trichloroethane
Concen: 0.486 ug/L
RT: 5.318 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

Instrument :
MSVOA_U
ClientSampleId :
BFX0

Tgt Ion: 97 Resp: 4976

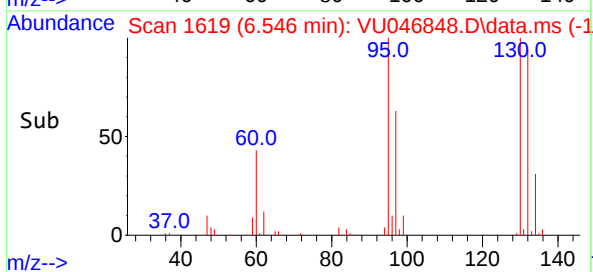
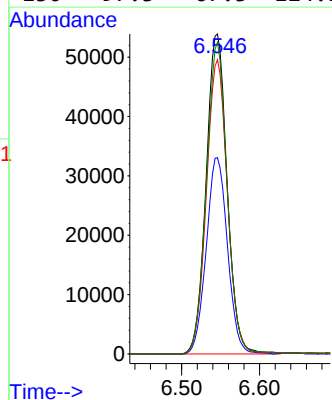
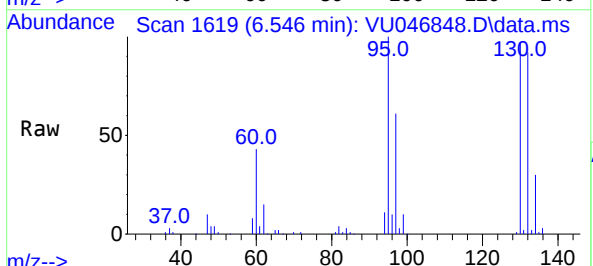
Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.3	76.9
61	48.9	36.1	54.1

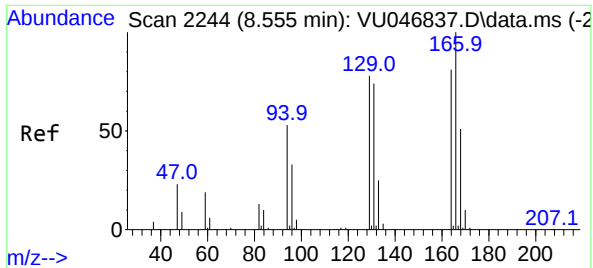


#34
Trichloroethene
Concen: 14.551 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 95 Resp: 101120

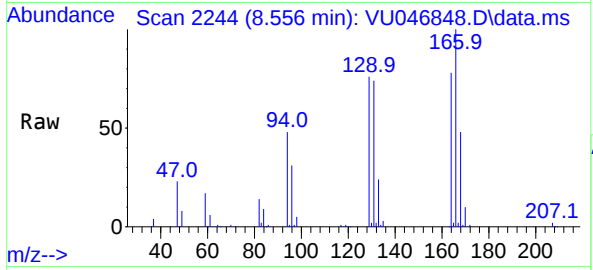
Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.5	86.5
132	91.9	65.1	120.9
130	97.3	67.3	124.9





#47
Tetrachloroethene
Concen: 10.419 ug/L
RT: 8.556 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

Instrument :
MSVOA_U
ClientSampleId :
BFX0



Tgt Ion:164 Resp: 58888

Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.8	133.4
131	95.8	68.5	127.3
166	128.7	94.1	174.8

