

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	
2) Dichlorodifluoromethane	1.495	85	7417	0.740	ug/L	99
9) Trichlorofluoromethane	2.147	101	582	0.056	ug/L	88
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
31) Carbon tetrachloride	5.321	117	656	0.075	ug/L	87
34) Trichloroethene	6.546	95	101120	14.551	ug/L	97
35) Methylcyclohexane	6.694	83	11175	0.960	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	4966	0.756	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1107	0.108	ug/L #	67
47) Tetrachloroethene	8.556	164	58888	10.419	ug/L	96
49) Dibromochloromethane	8.556	129	57090	8.664	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7140	1.486	ug/L #	67

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

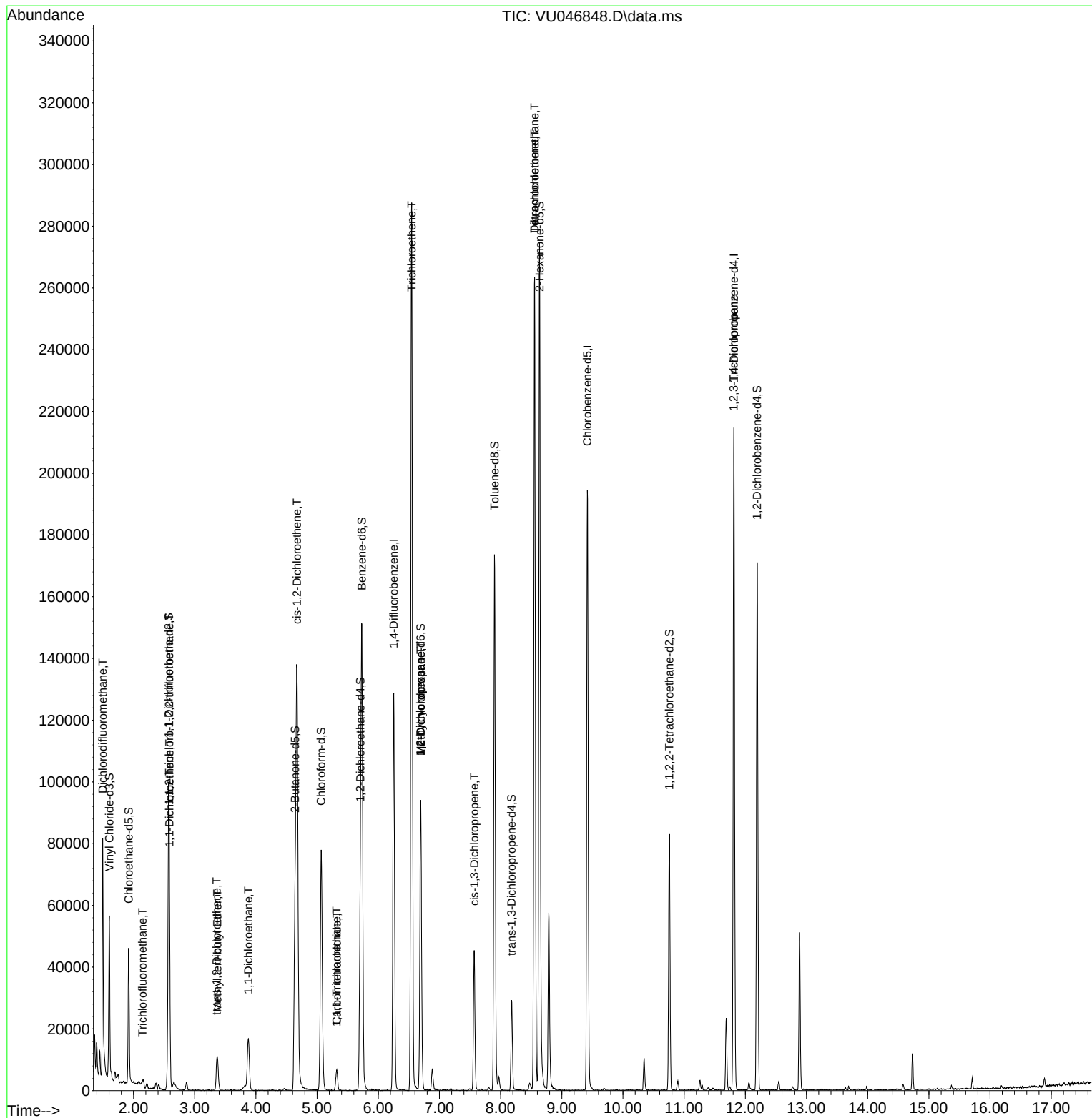
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

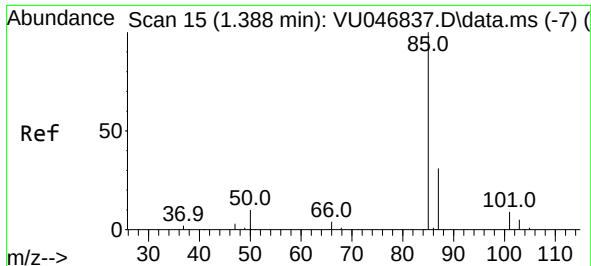
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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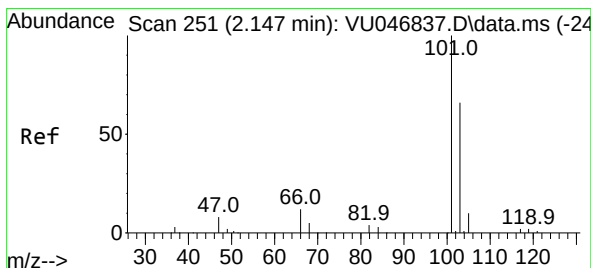
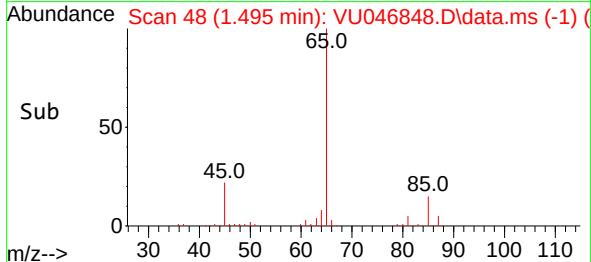
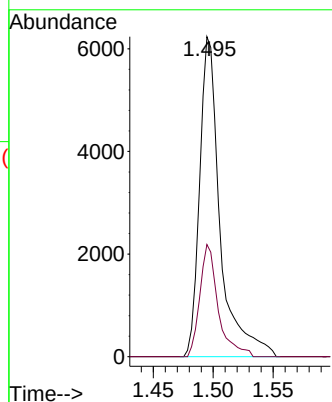
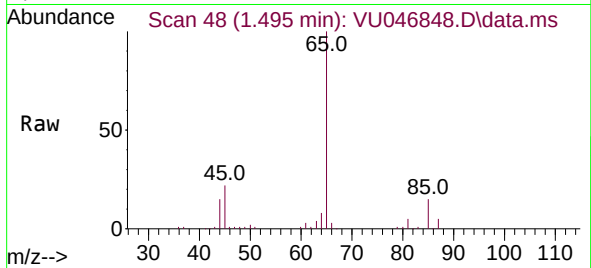




#2
 Dichlorodifluoromethane
 Concen: 0.740 ug/L
 RT: 1.495 min Scan# 48
 Delta R.T. 0.106 min
 Lab File: VU046848.D
 Acq: 26 Jan 2022 16:14

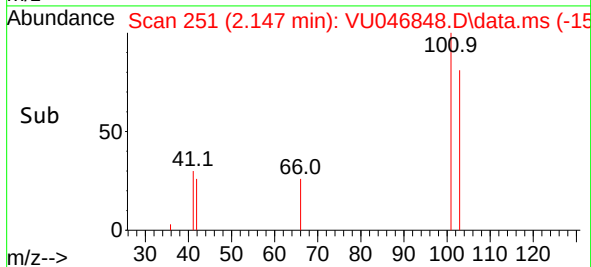
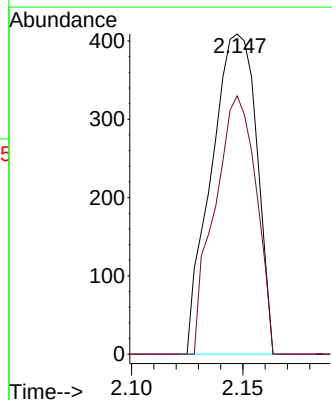
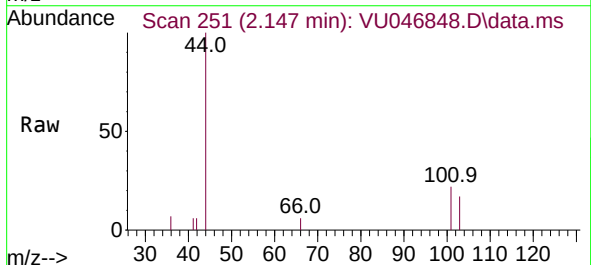
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0

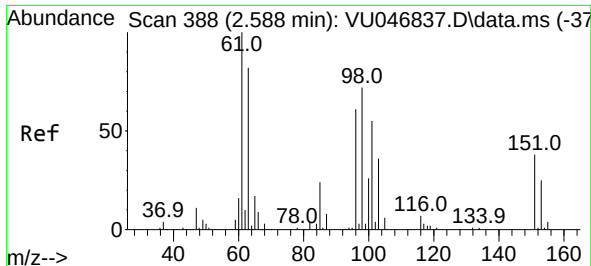
Tgt Ion: 85 Resp: 7417
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.8 38.6



#9
 Trichlorofluoromethane
 Concen: 0.056 ug/L
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU046848.D
 Acq: 26 Jan 2022 16:14

Tgt Ion:101 Resp: 582
 Ion Ratio Lower Upper
 101 100
 103 73.5 51.5 77.3

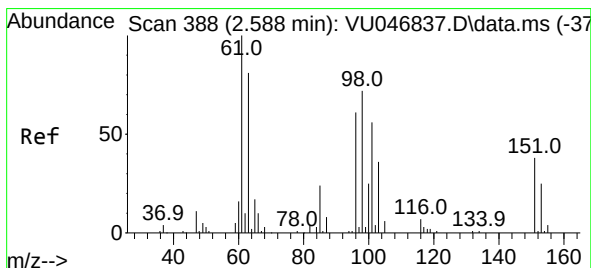
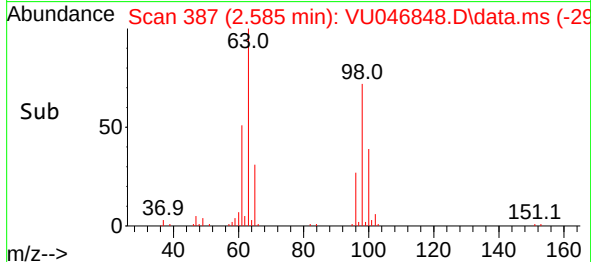
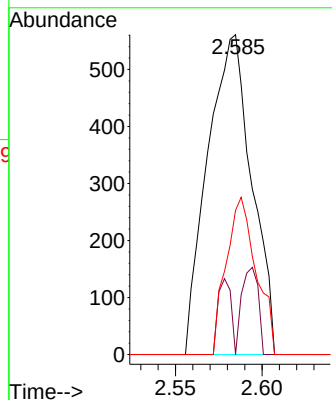
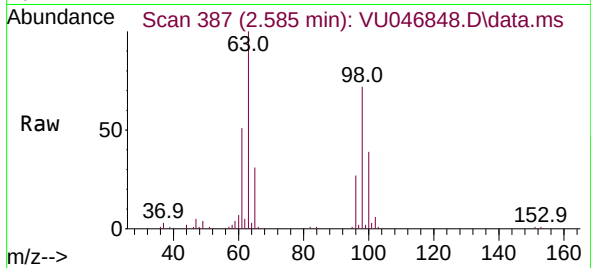




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.159 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046848.D
 Acq: 26 Jan 2022 16:14

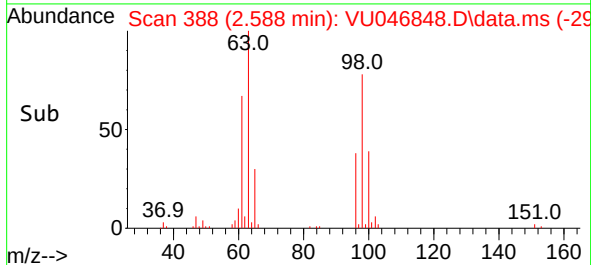
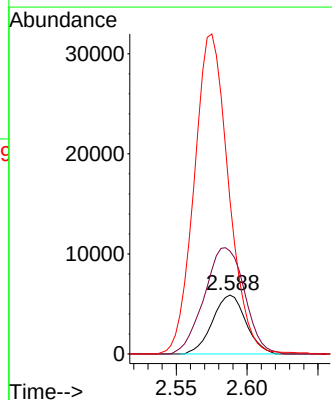
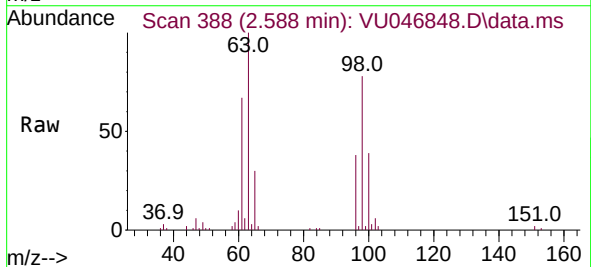
Instrument :
 MSVOA_U
 ClientSampleId :
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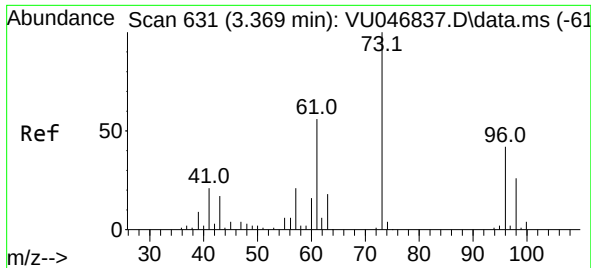
Tgt Ion:101 Resp: 992
 Ion Ratio Lower Upper
 101 100
 85 10.2 34.6 51.8#
 151 33.6 56.1 84.1#



#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#

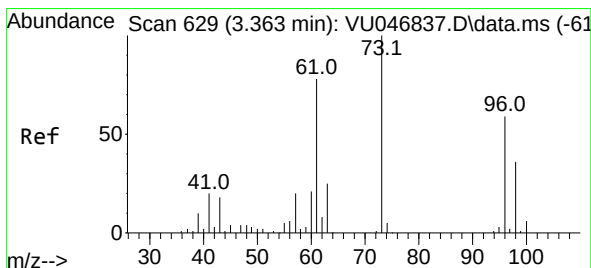
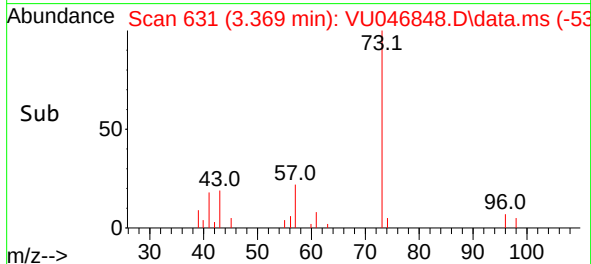
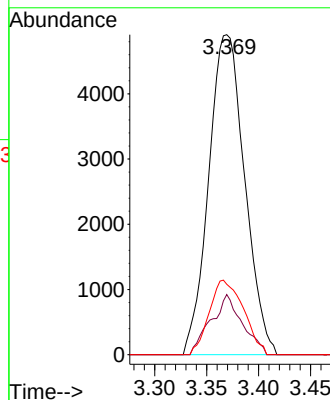
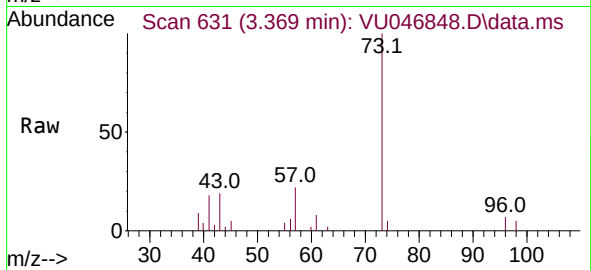




#17
Methyl tert-butyl Ether
Concen: 0.708 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

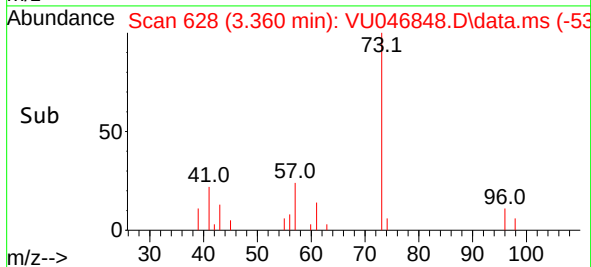
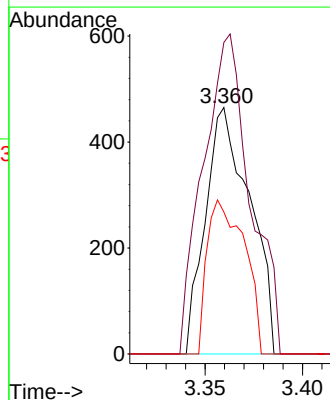
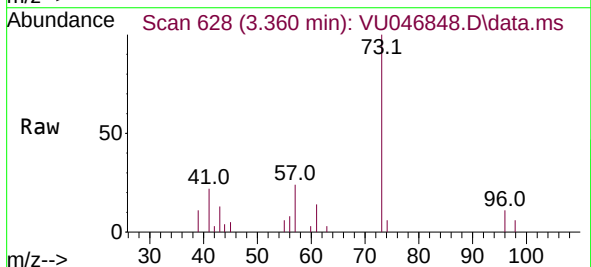
Instrument :
MSVOA_U
ClientSampleId :
BFX0

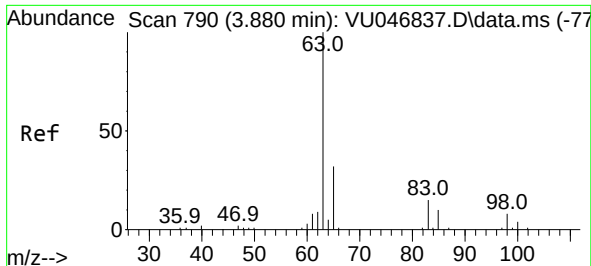
Tgt Ion: 73	Resp:	11823	
Ion	Ratio	Lower	Upper
73	100		
43	16.4	14.8	22.2
57	22.2	17.4	26.0



#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

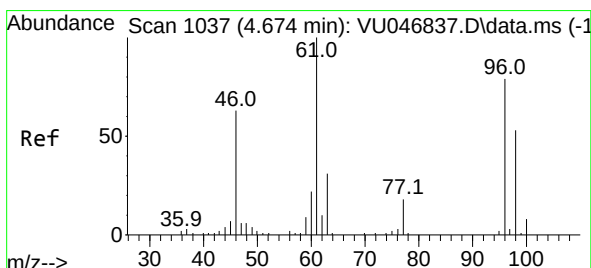
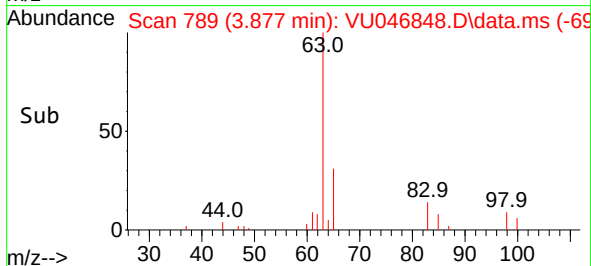
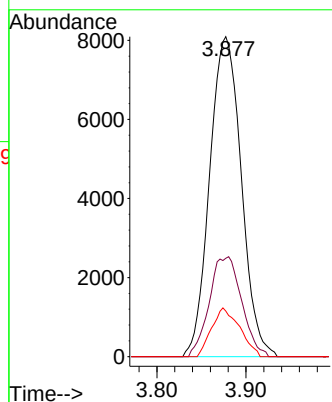
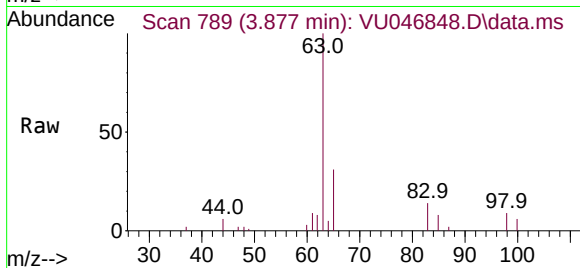
Tgt Ion: 63 Resp: 19958

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

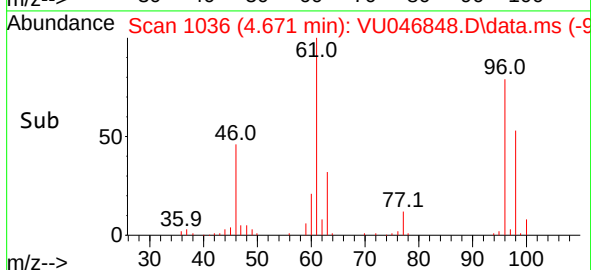
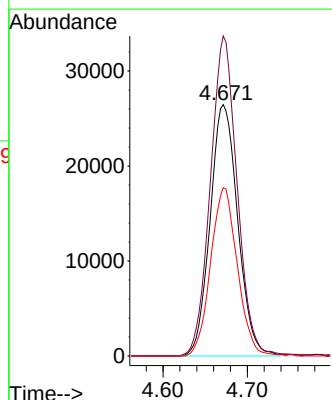
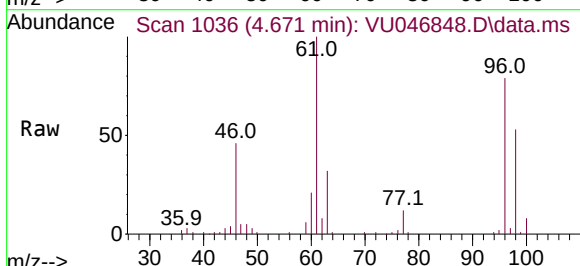
Tgt Ion: 96 Resp: 60301

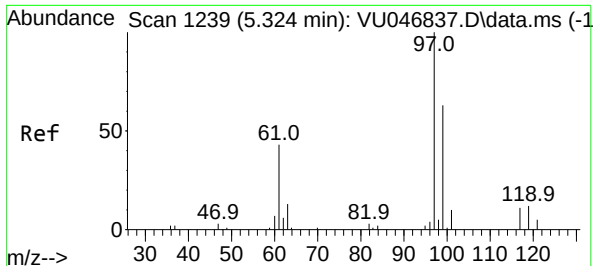
Ion Ratio Lower Upper

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

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Instrument :

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ClientSampleId :

BFX0

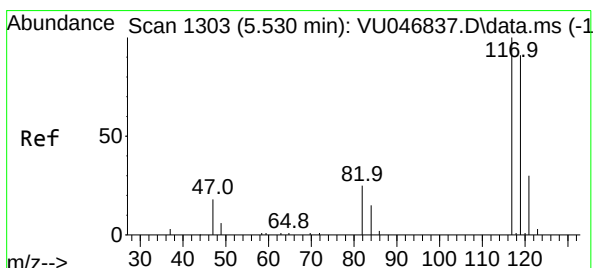
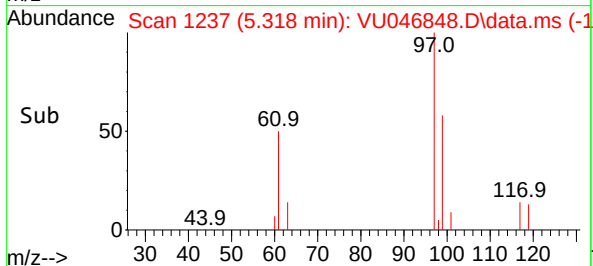
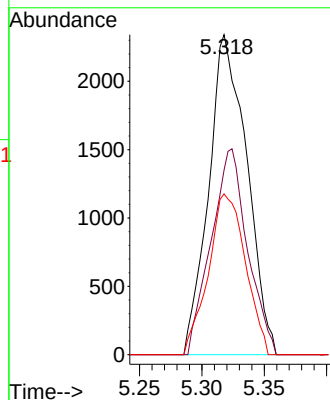
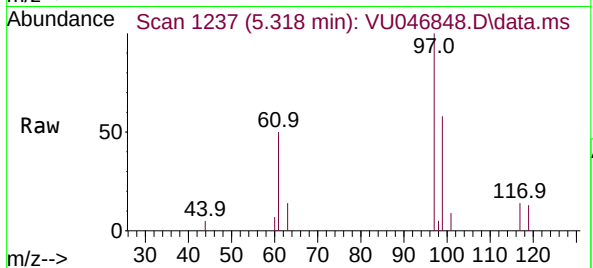
Tgt Ion: 97 Resp: 4976

Ion Ratio Lower Upper

97 100

99 61.6 51.3 76.9

61 48.9 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.075 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU046848.D

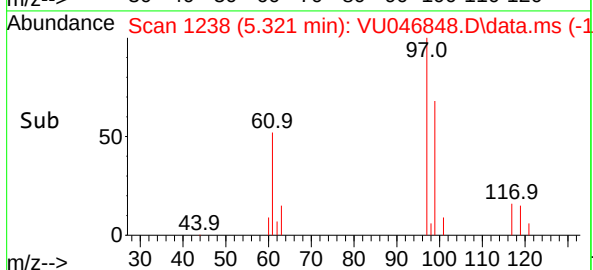
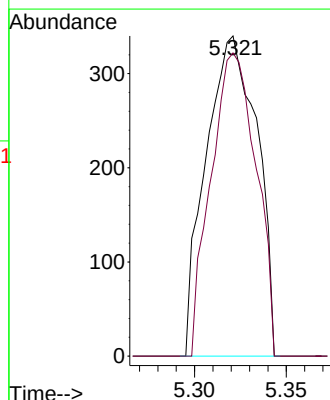
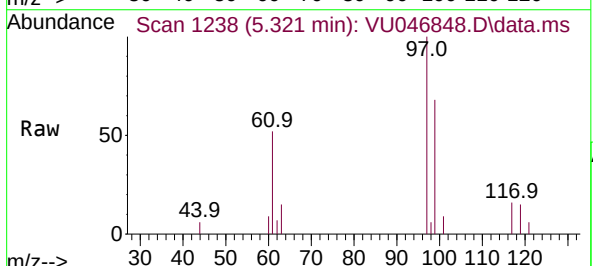
Acq: 26 Jan 2022 16:14

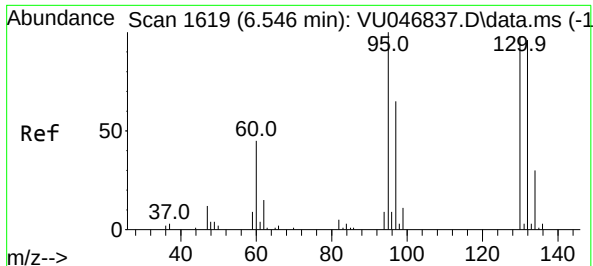
Tgt Ion: 117 Resp: 656

Ion Ratio Lower Upper

117 100

119 84.0 77.5 116.3

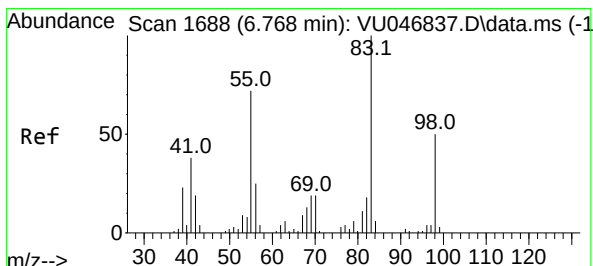
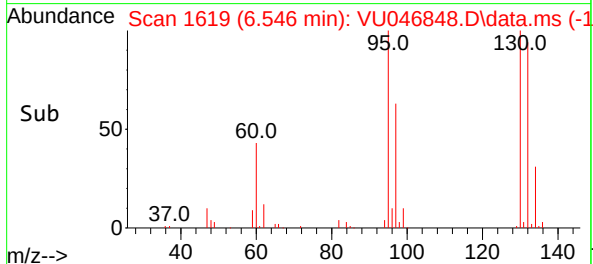
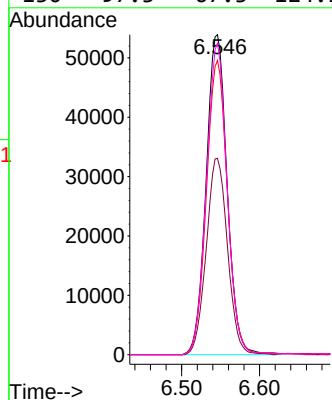
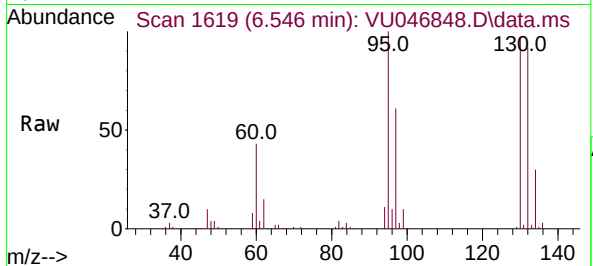




#34
Trichloroethene
Concen: 14.551 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

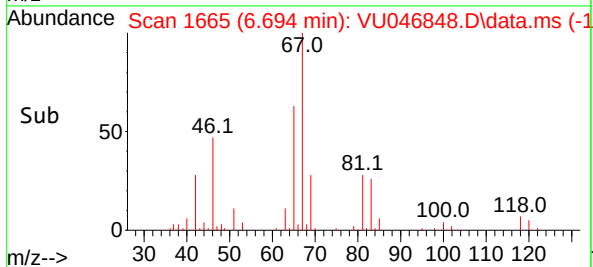
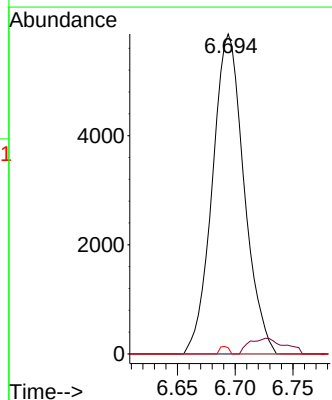
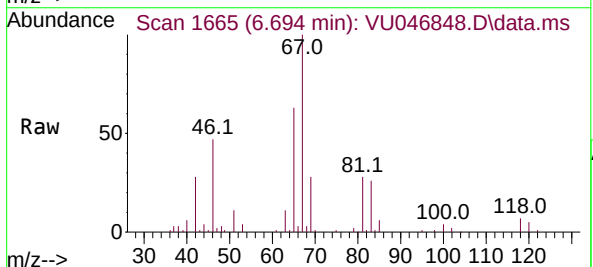
Instrument :
MSVOA_U
ClientSampleId :
BFX0

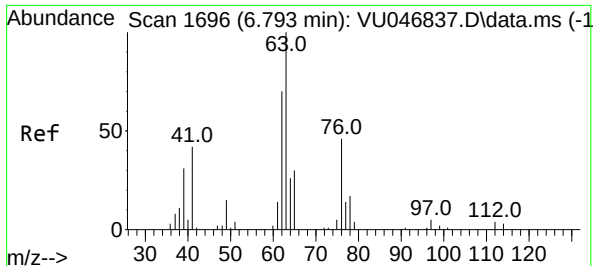
Tgt Ion: 95 Resp: 101120
Ion Ratio Lower Upper
95 100
97 61.4 46.5 86.5
132 91.9 65.1 120.9
130 97.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

Tgt Ion: 83 Resp: 11175
Ion Ratio Lower Upper
83 100
55 5.4 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.756 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046848.D

Acq: 26 Jan 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

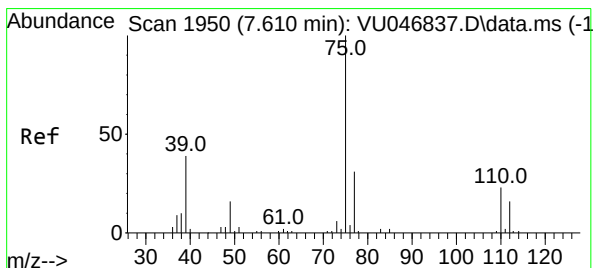
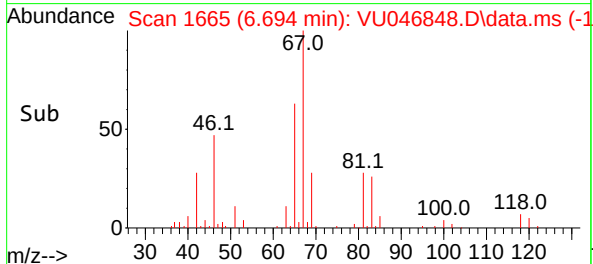
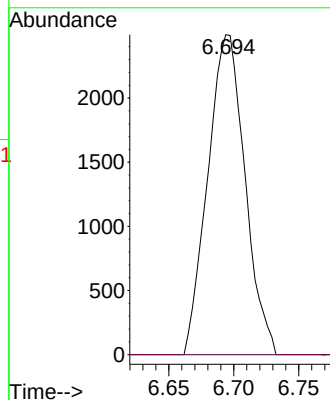
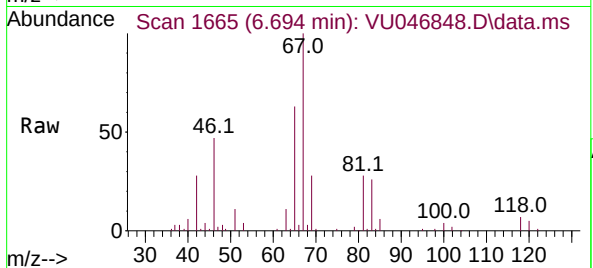
BFX0

Tgt Ion: 63 Resp: 4966

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046848.D

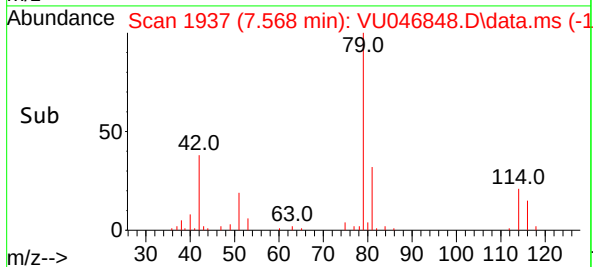
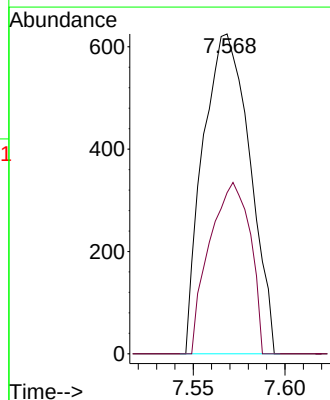
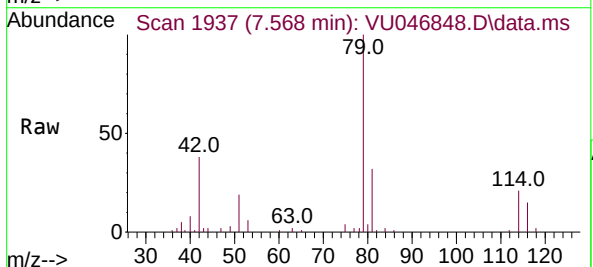
Acq: 26 Jan 2022 16:14

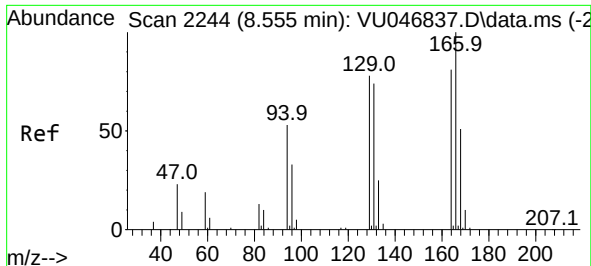
Tgt Ion: 75 Resp: 1107

Ion Ratio Lower Upper

75 100

77 50.4 22.5 41.9#

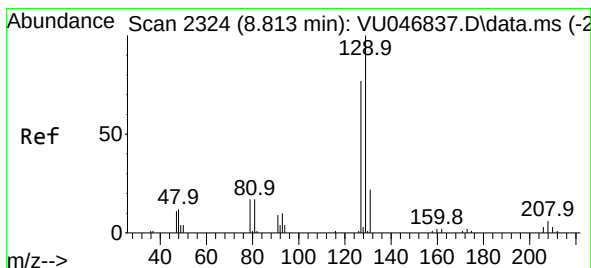
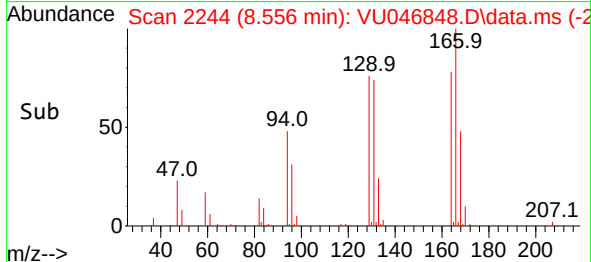
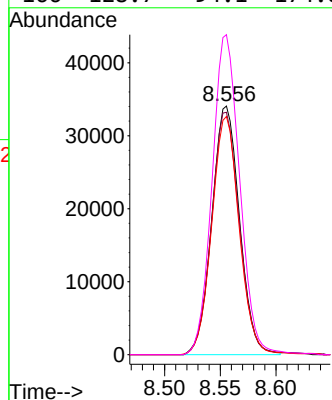
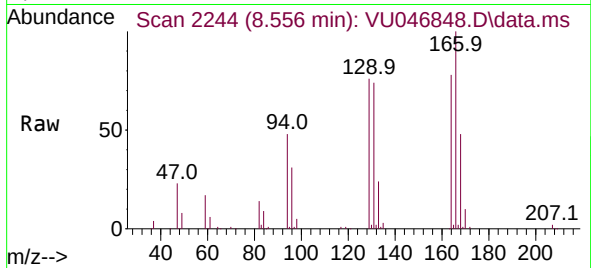




#47
Tetrachloroethene
Concen: 10.419 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

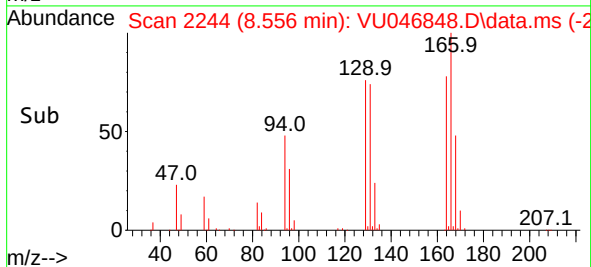
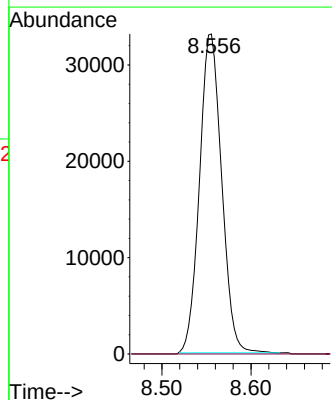
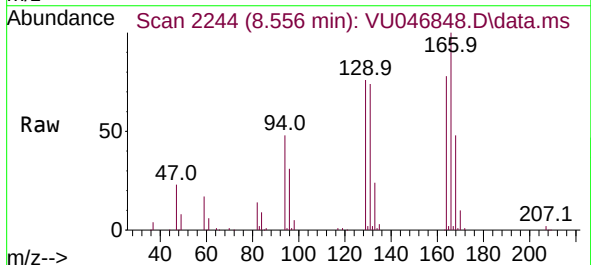
Instrument :
MSVOA_U
ClientSampleId :
BFX0

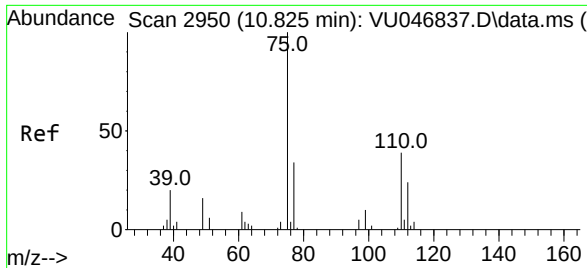
Tgt Ion:164 Resp: 58888
Ion Ratio Lower Upper
164 100
129 97.5 71.8 133.4
131 95.8 68.5 127.3
166 128.7 94.1 174.8



#49
Dibromochloromethane
Concen: 8.664 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046848.D
Acq: 26 Jan 2022 16:14

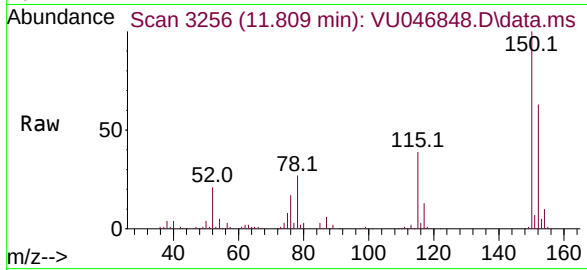
Tgt Ion:129 Resp: 57090
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.486 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU046848.D
 Acq: 26 Jan 2022 16:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0



Tgt Ion: 75 Resp: 7140
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.9 44.9#
 77 31.1 25.5 38.3

