

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046865.D
 Acq On : 27 Jan 2022 12:51
 Operator : SY/MD
 Sample : N1260-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX9DL

Quant Time: Jan 28 00:58:53 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)

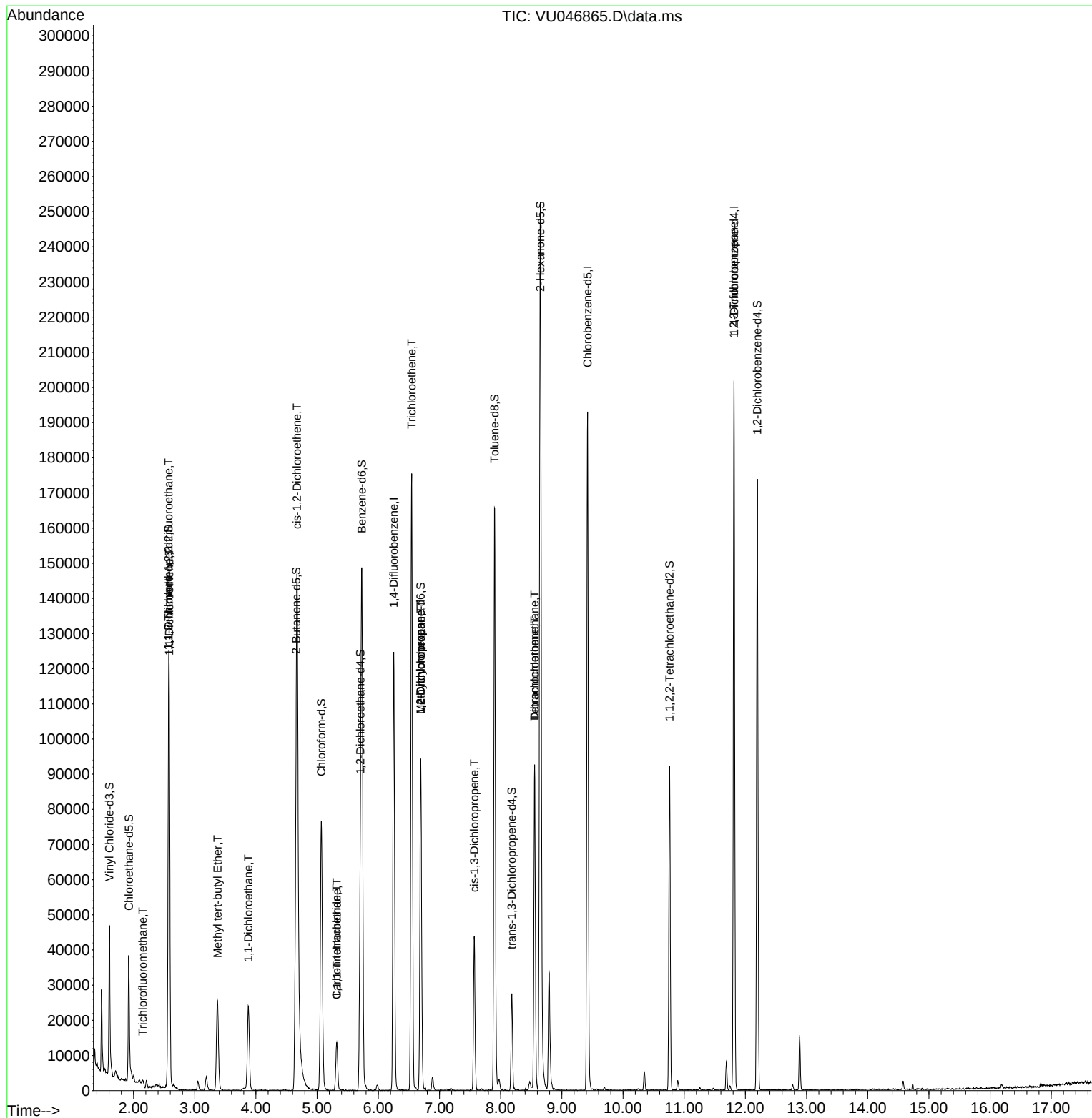
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	54100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34587	3.918	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.922	69	31616	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.572	65	15287	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.658	46	131230	50.177	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.070	84	72390	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.707	65	40823	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.732	84	143752	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.694	67	44964	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.899	98	114254	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.182	79	16370	3.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.649	63	112123	43.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46117	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	45331	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.150	101	511	0.050	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	415	0.068	ug/L #	52
12) 1,1-Dichloroethene	2.584	96	24005	4.126	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	30064	1.842	ug/L	98
19) 1,1-Dichloroethane	3.877	63	27769	2.625	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	55647	8.372	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	10418	1.034	ug/L	97
31) Carbon tetrachloride	5.317	117	1186	0.137	ug/L	95
34) Trichloroethene	6.546	95	60712	8.882	ug/L	98
35) Methylcyclohexane	6.694	83	10794	0.943	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	5051	0.782	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	973	0.097	ug/L #	52
47) Tetrachloroethene	8.555	164	20049	3.606	ug/L	93
49) Dibromochloromethane	8.555	129	19900	3.070	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6679	1.457	ug/L #	66

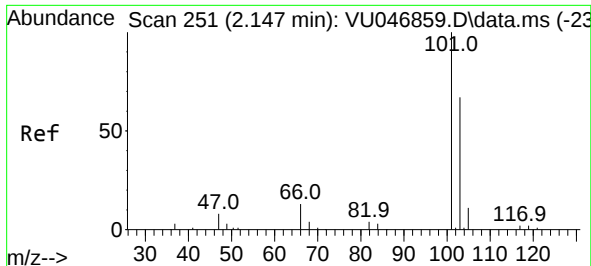
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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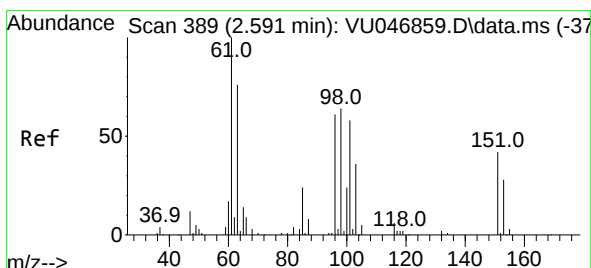
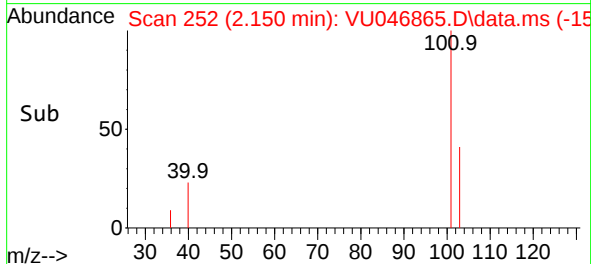
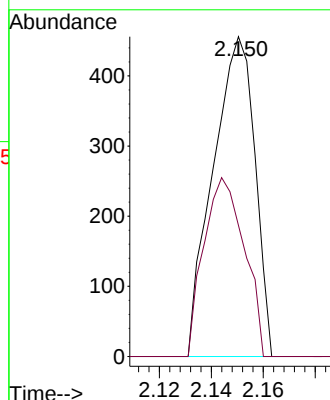
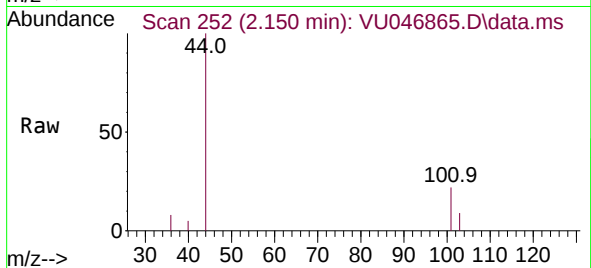




#9
Trichlorofluoromethane
Concen: 0.050 ug/L
RT: 2.150 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

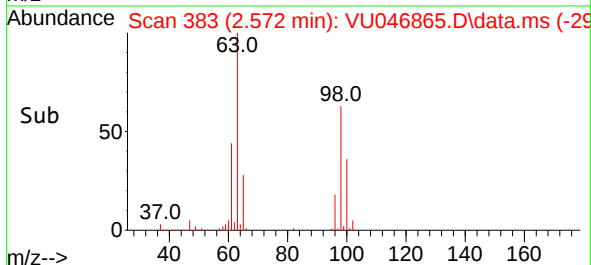
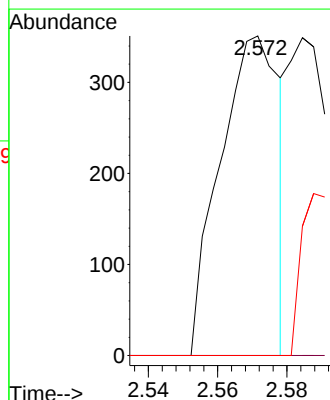
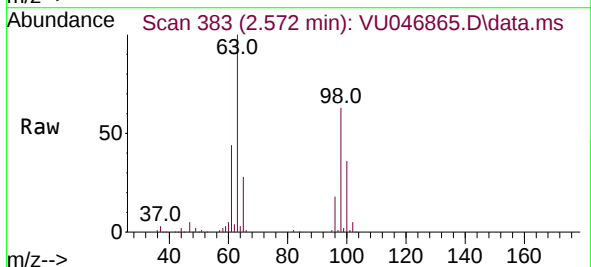
Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

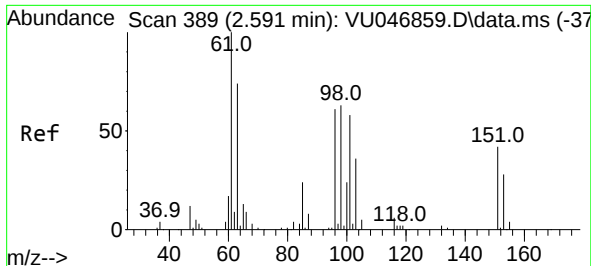
Tgt Ion:101 Resp: 511
Ion Ratio Lower Upper
101 100
103 54.0 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.019 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

Tgt Ion:101 Resp: 415
Ion Ratio Lower Upper
101 100
85 14.7 34.6 51.8#
151 29.2 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 4.126 ug/L

RT: 2.584 min Scan# 389

Delta R.T. -0.006 min

Lab File: VU046865.D

Acq: 27 Jan 2022 12:51

Instrument :

MSVOA_U

ClientSampleId :

BFX9DL

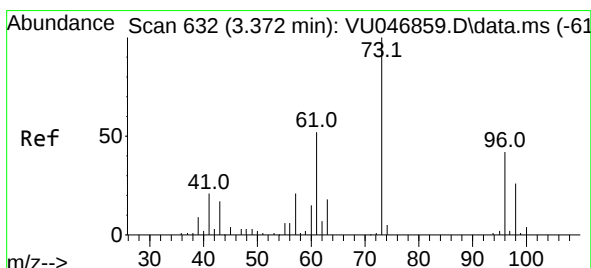
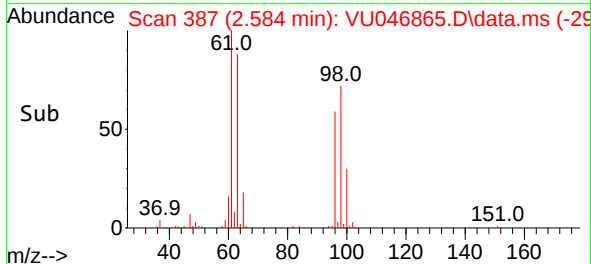
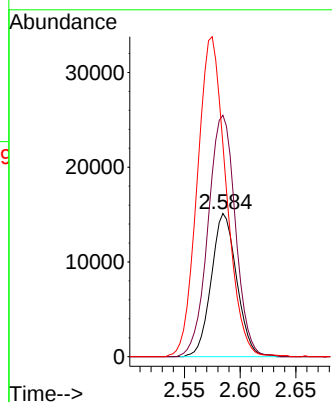
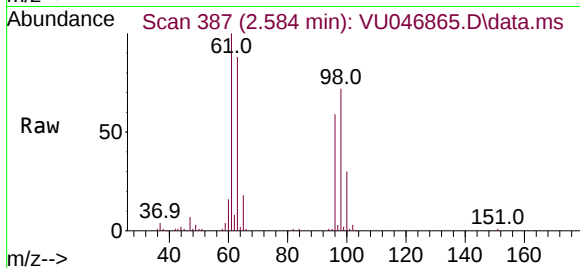
Tgt Ion: 96 Resp: 24005

Ion Ratio Lower Upper

96 100

61 168.6 124.7 231.5

63 148.2 105.2 195.4



#17

Methyl tert-butyl Ether

Concen: 1.842 ug/L

RT: 3.372 min Scan# 632

Delta R.T. -0.000 min

Lab File: VU046865.D

Acq: 27 Jan 2022 12:51

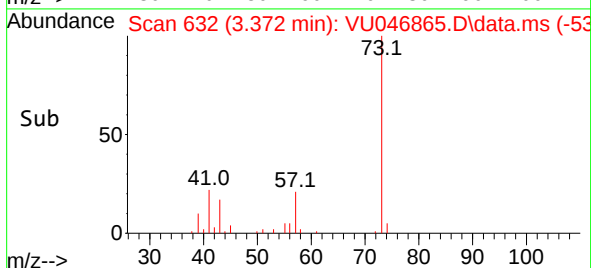
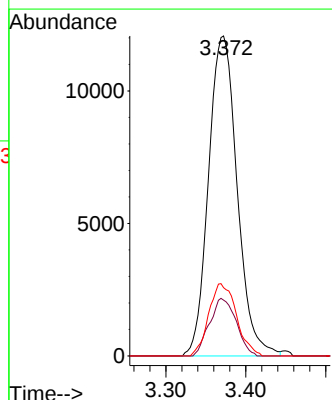
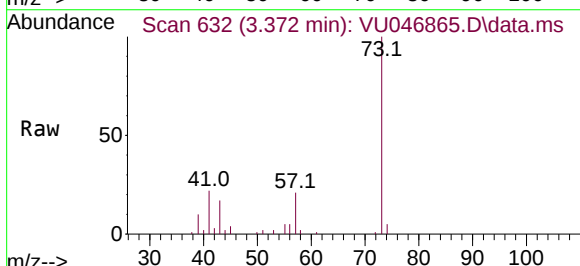
Tgt Ion: 73 Resp: 30064

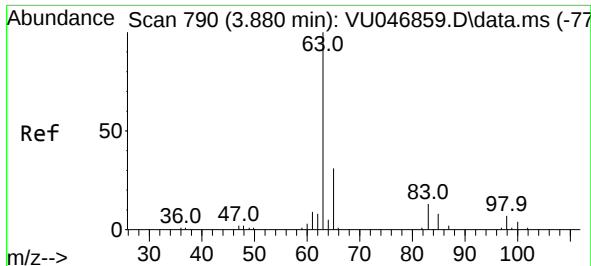
Ion Ratio Lower Upper

73 100

43 16.7 14.8 22.2

57 21.8 17.4 26.0





#19

1,1-Dichloroethane

Concen: 2.625 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046865.D

Acq: 27 Jan 2022 12:51

Instrument :

MSVOA_U

ClientSampleId :

BFX9DL

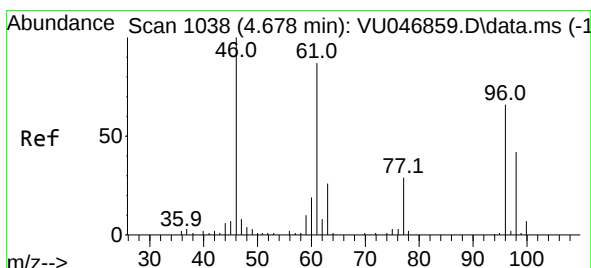
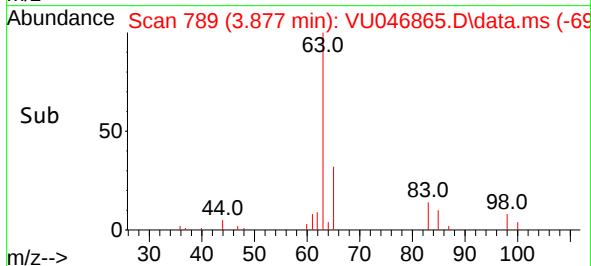
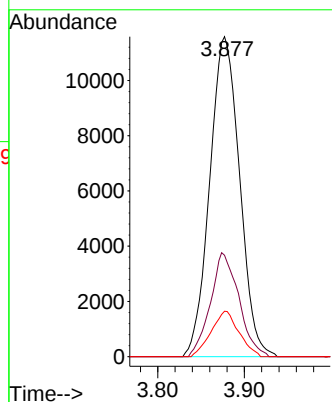
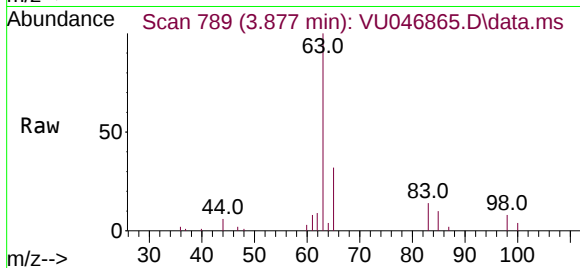
Tgt Ion: 63 Resp: 27769

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 14.2 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 8.372 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VU046865.D

Acq: 27 Jan 2022 12:51

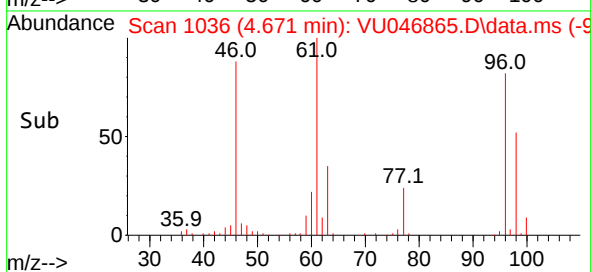
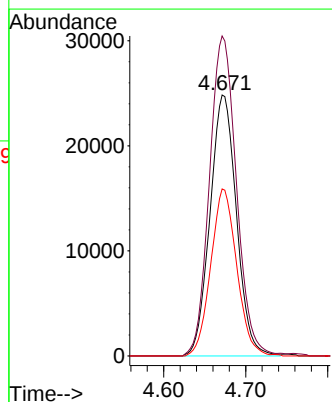
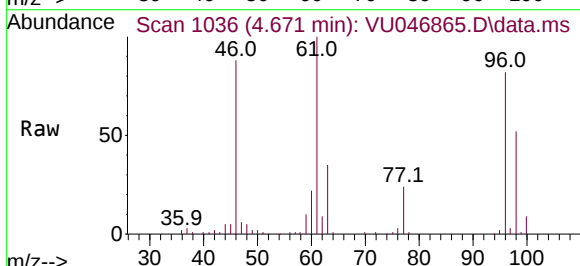
Tgt Ion: 96 Resp: 55647

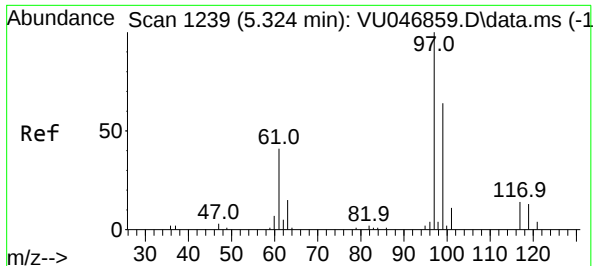
Ion Ratio Lower Upper

96 100

61 122.6 88.5 164.3

98 64.0 44.4 82.5

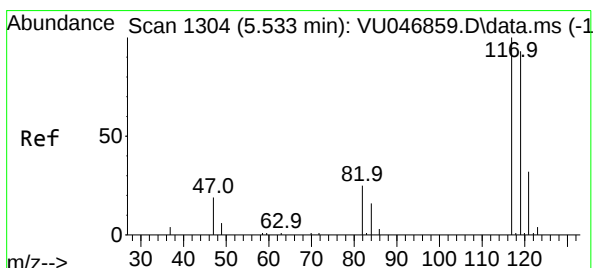
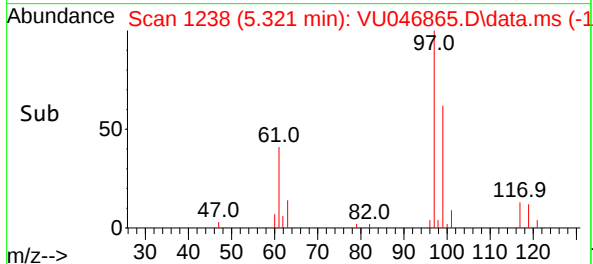
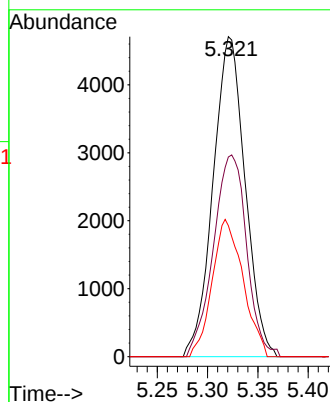
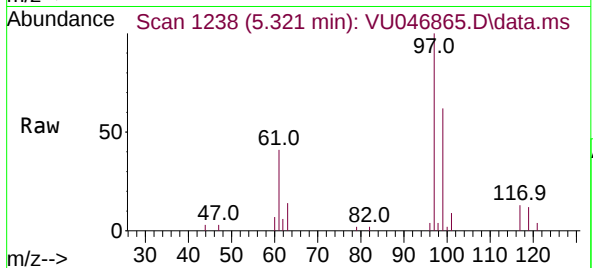




#29
1,1,1-Trichloroethane
Concen: 1.034 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

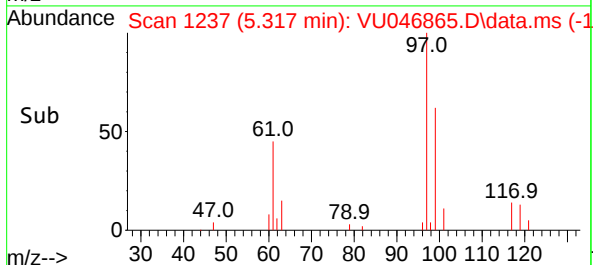
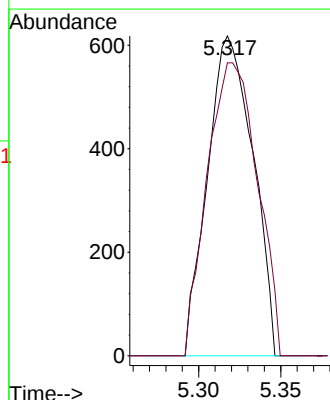
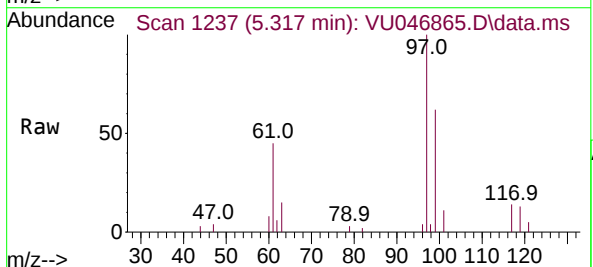
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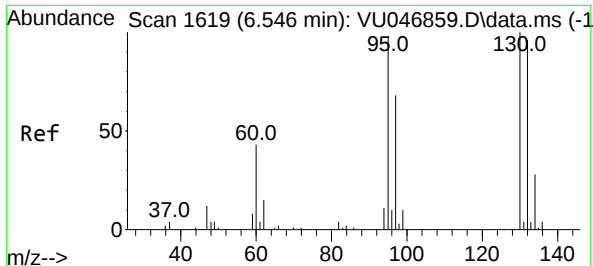
Tgt Ion: 97 Resp: 10418
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 41.4 36.1 54.1



#31
Carbon tetrachloride
Concen: 0.137 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.215 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

Tgt Ion: 117 Resp: 1186
Ion Ratio Lower Upper
117 100
119 101.5 77.5 116.3

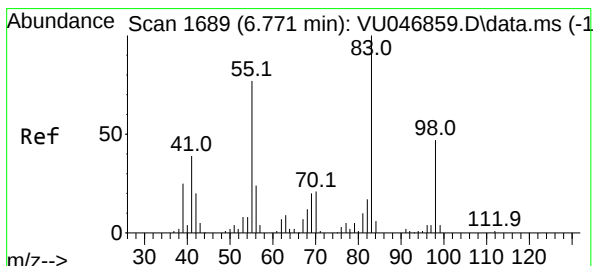
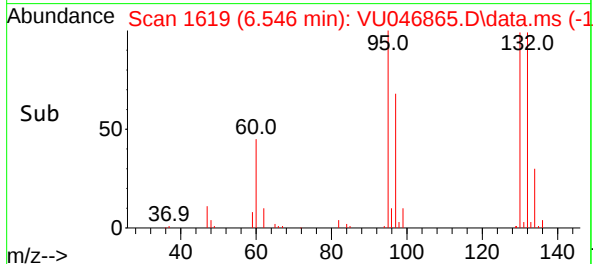
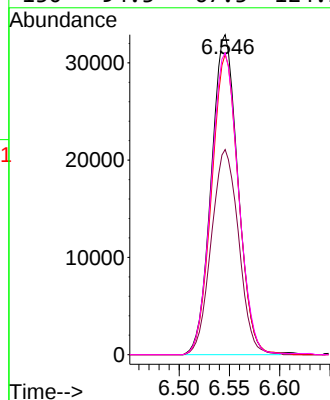
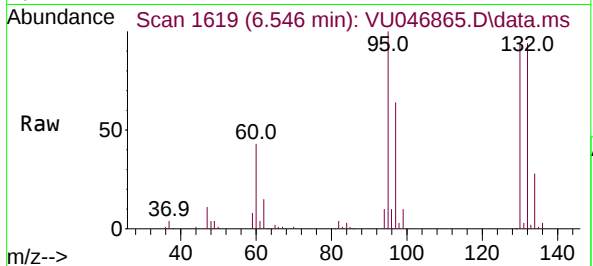




#34
Trichloroethene
Concen: 8.882 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

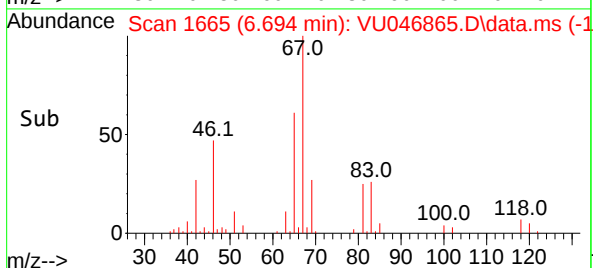
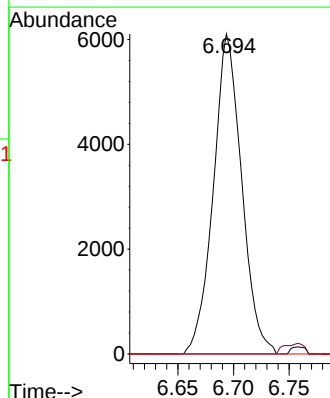
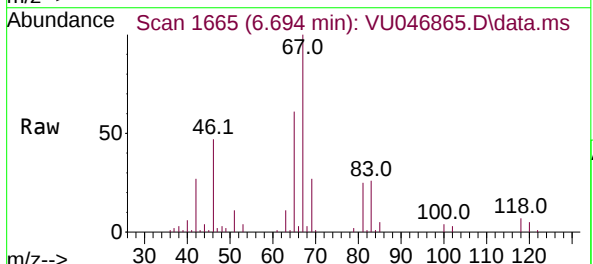
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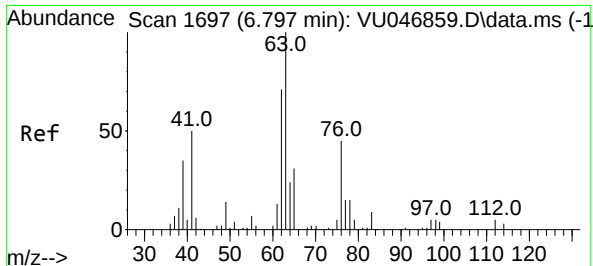
Tgt Ion: 95 Resp: 60712
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 93.8 65.1 120.9
130 94.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.077 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

Tgt Ion: 83 Resp: 10794
Ion Ratio Lower Upper
83 100
55 2.3 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.782 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046865.D

Acq: 27 Jan 2022 12:51

Instrument :

MSVOA_U

ClientSampleId :

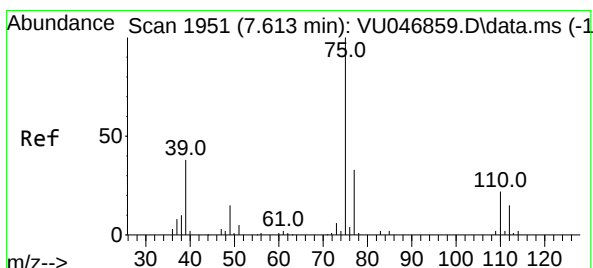
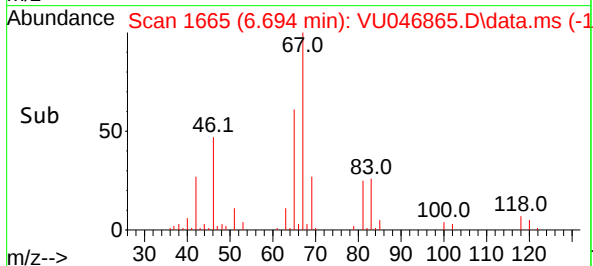
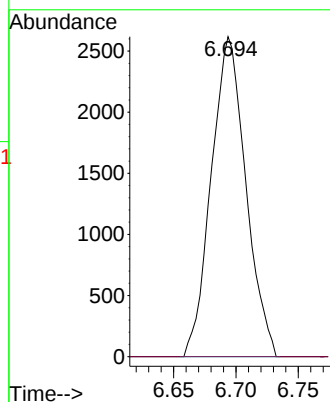
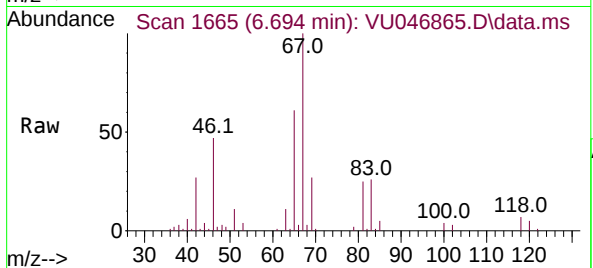
BFX9DL

Tgt Ion: 63 Resp: 5051

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046865.D

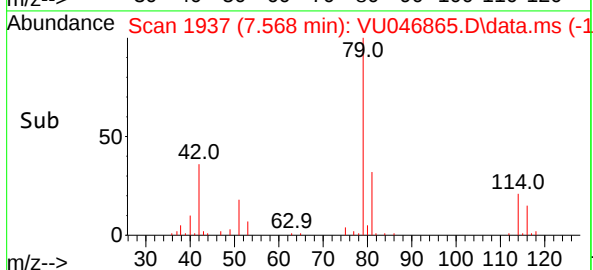
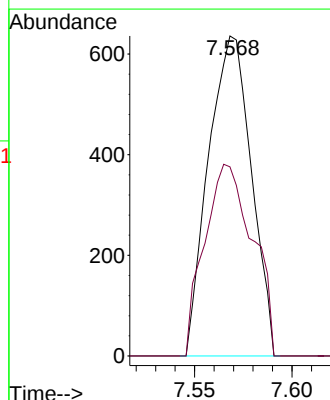
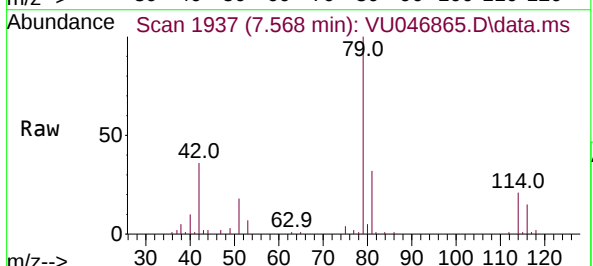
Acq: 27 Jan 2022 12:51

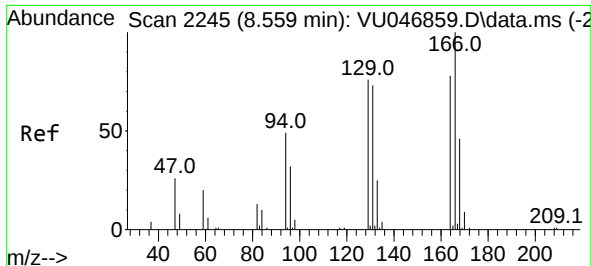
Tgt Ion: 75 Resp: 973

Ion Ratio Lower Upper

75 100

77 59.1 22.5 41.9#

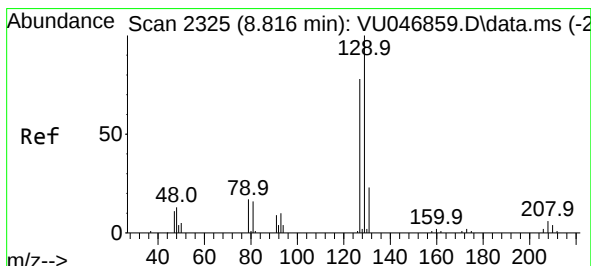
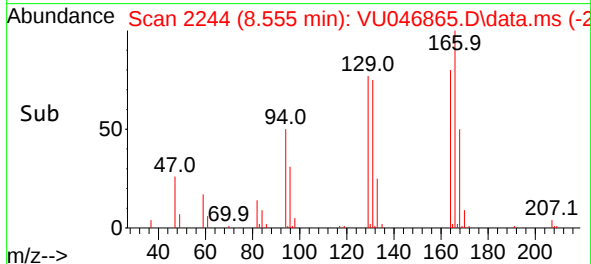
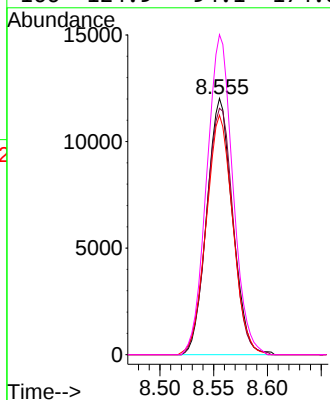
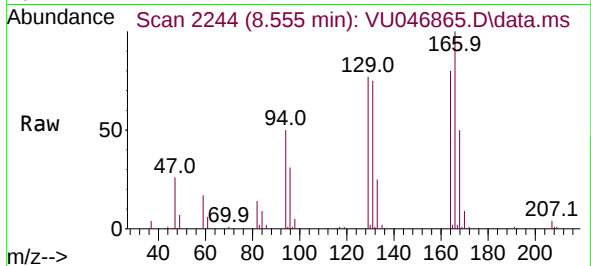




#47
Tetrachloroethene
Concen: 3.606 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

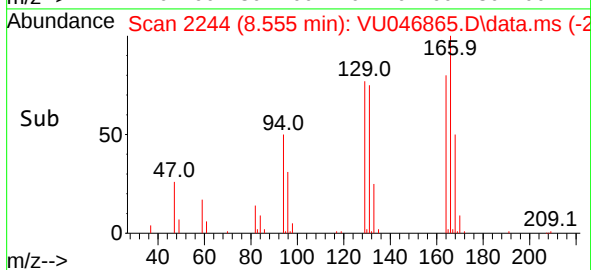
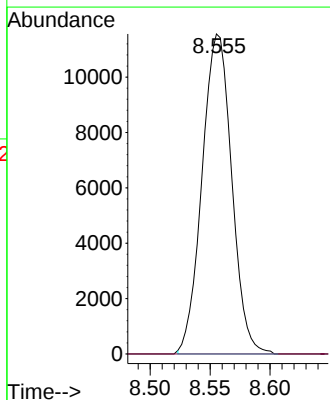
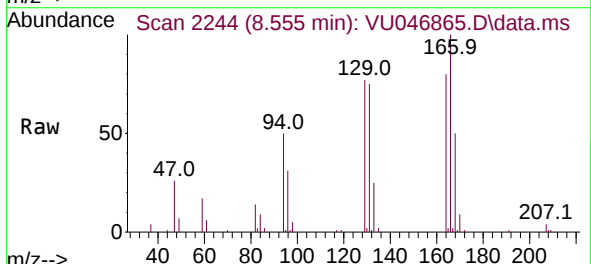
Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

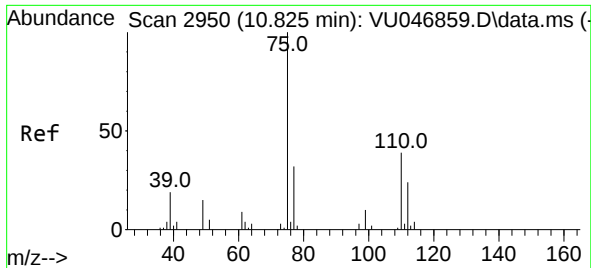
Tgt Ion:164	Resp:	20049
Ion Ratio	Lower	Upper
164	100	
129	96.1	71.8 133.4
131	93.5	68.5 127.3
166	124.9	94.1 174.8



#49
Dibromochloromethane
Concen: 3.070 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

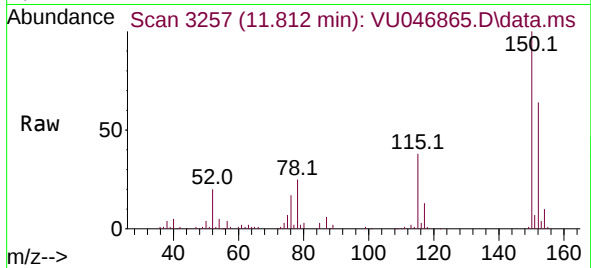
Tgt Ion:129	Resp:	19900
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.457 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046865.D
 Acq: 27 Jan 2022 12:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX9DL



Tgt Ion: 75 Resp: 6679
 Ion Ratio Lower Upper
 75 100
 110 2.2 29.9 44.9#
 77 29.7 25.5 38.3

