

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046850.D
 Acq On : 26 Jan 2022 17:27
 Operator : SY/MD
 Sample : N1260-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0

Quant Time: Jan 27 00:15:16 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)

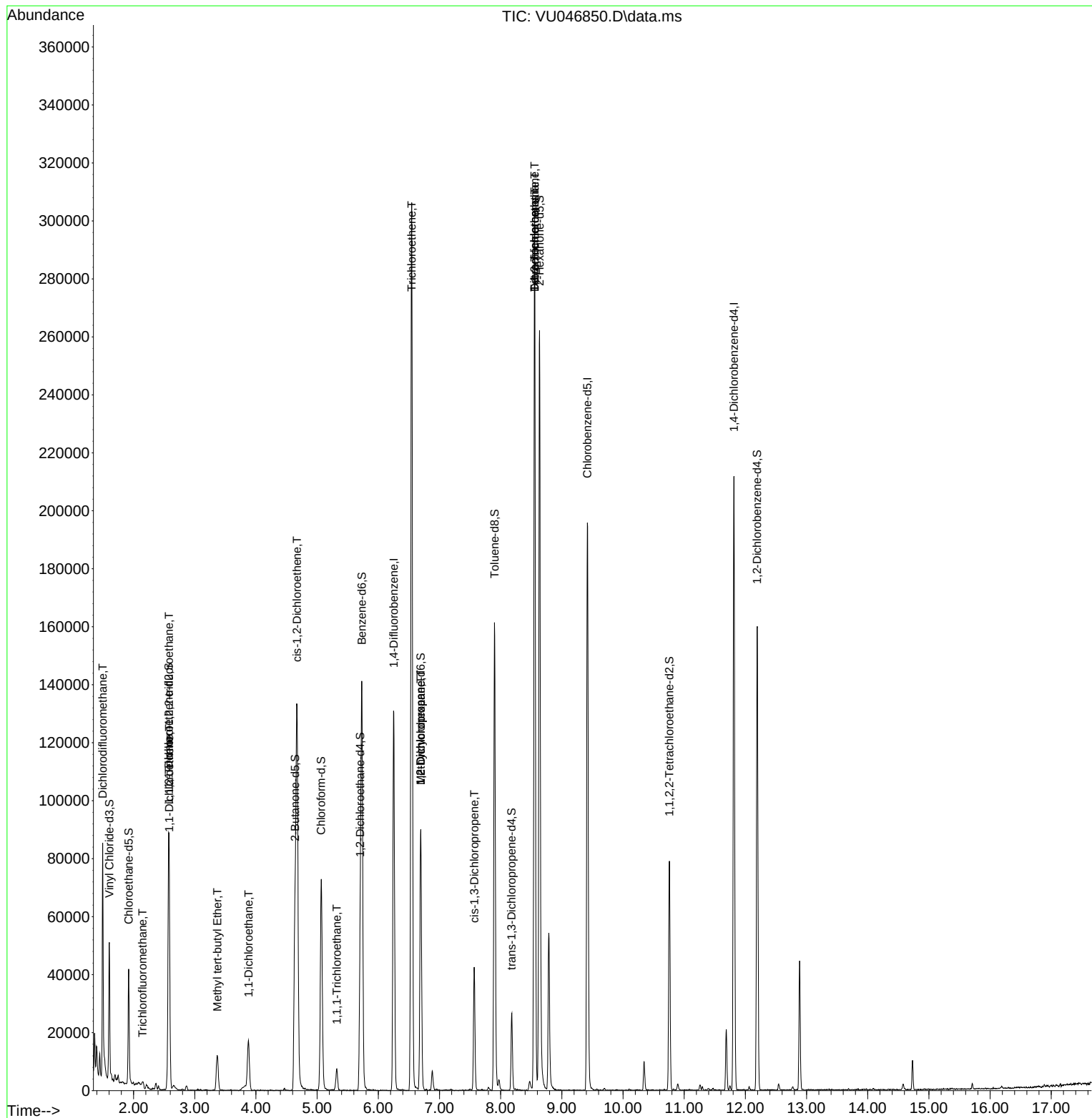
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	56761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33570	3.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.919	69	29557	4.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.575	65	14152	3.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.639	46	109580	40.516	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.040%
24) Chloroform-d	5.067	84	68200	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.703	65	38708	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.732	84	134633	3.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.694	67	43183	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.899	98	111992	3.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.179	79	16064	3.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.636	63	98560	37.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39242	3.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	42047	3.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.494	85	7842	0.774	ug/L	95
9) Trichlorofluoromethane	2.144	101	625	0.059	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1070	0.170	ug/L #	67
12) 1,1-Dichloroethene	2.584	96	9470	1.574	ug/L #	31
17) Methyl tert-butyl Ether	3.369	73	12094	0.717	ug/L	98
19) 1,1-Dichloroethane	3.880	63	20592	1.882	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	61831	8.995	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	5600	0.537	ug/L	96
34) Trichloroethene	6.546	95	107437	15.170	ug/L	97
35) Methylcyclohexane	6.694	83	10763	0.907	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4822	0.721	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1061	0.102	ug/L #	42
45) 1,1,2-Trichloroethane	8.555	97	586	0.103	ug/L #	1
47) Tetrachloroethene	8.555	164	67785	11.769	ug/L	93
49) Dibromochloromethane	8.555	129	66097	9.843	ug/L #	10

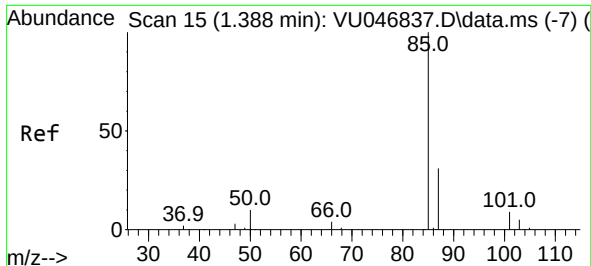
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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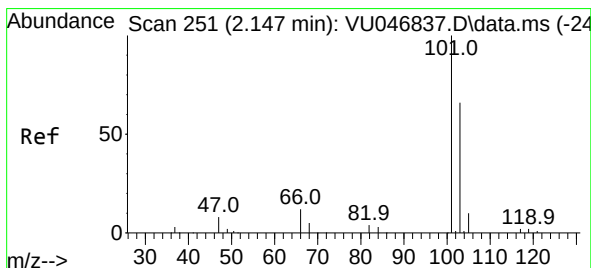
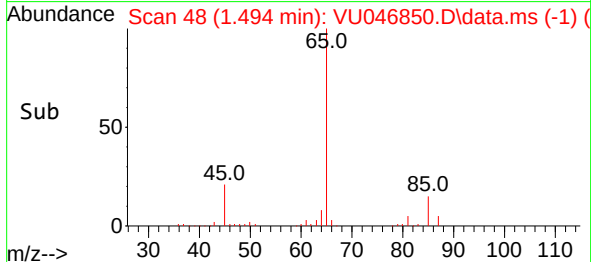
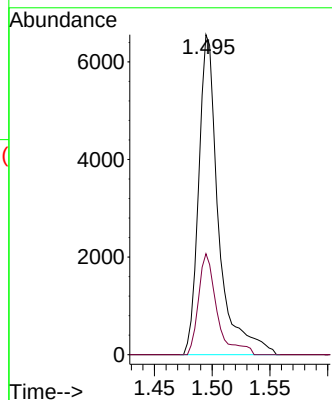
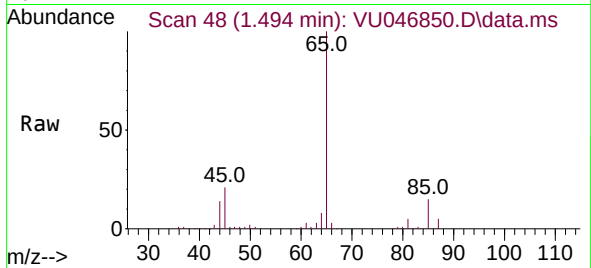




#2
 Dichlorodifluoromethane
 Concen: 0.774 ug/L
 RT: 1.494 min Scan# 41
 Delta R.T. 0.106 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

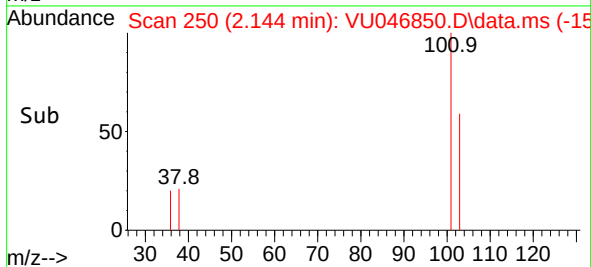
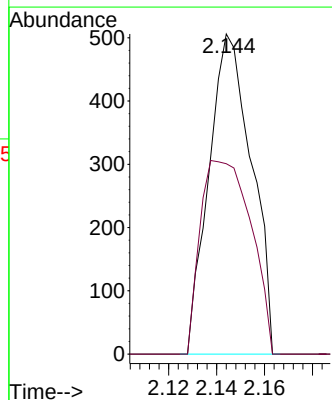
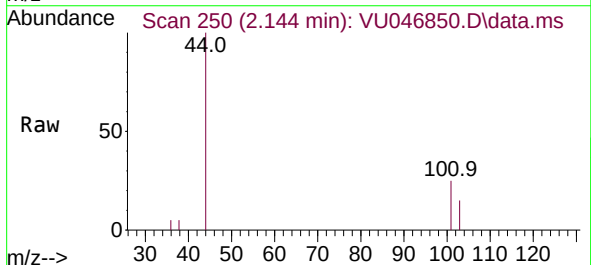
Instrument :
 MSVOA_U
 ClientSampleId :
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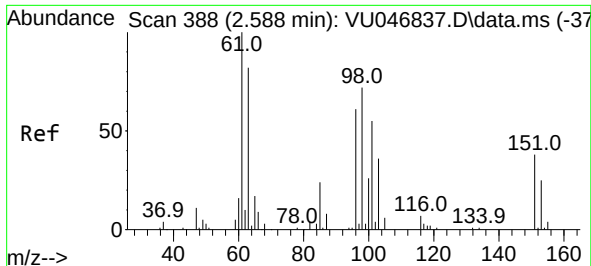
Tgt Ion: 85 Resp: 7842
 Ion Ratio Lower Upper
 85 100
 87 29.3 25.8 38.6



#9
 Trichlorofluoromethane
 Concen: 0.059 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. -0.003 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

Tgt Ion:101 Resp: 625
 Ion Ratio Lower Upper
 101 100
 103 71.8 51.5 77.3

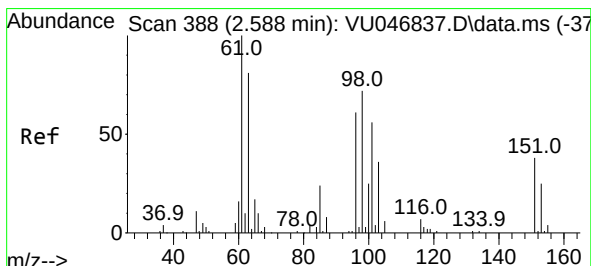
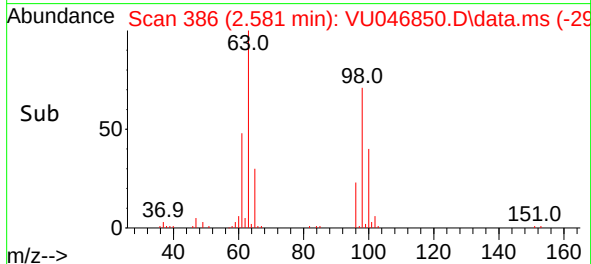
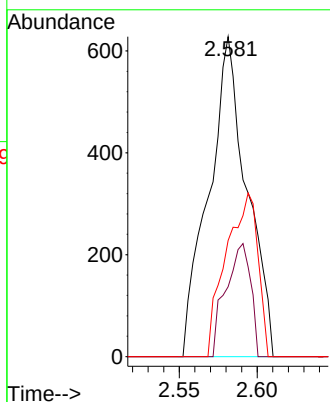
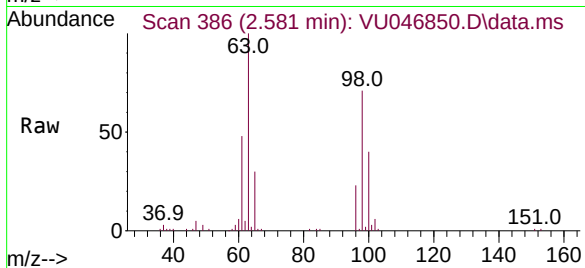




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.170 ug/L
 RT: 2.581 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

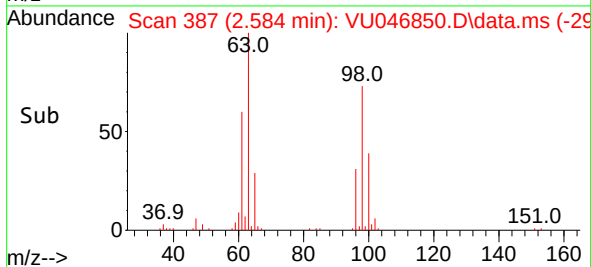
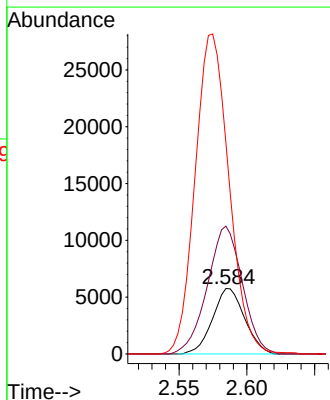
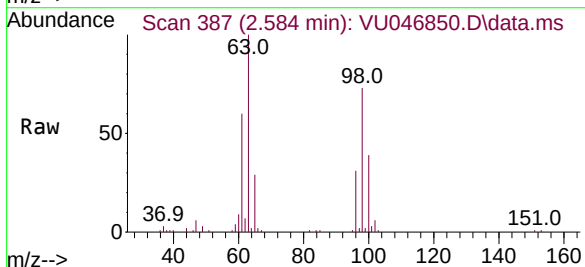
Instrument :
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 ClientSampleId :
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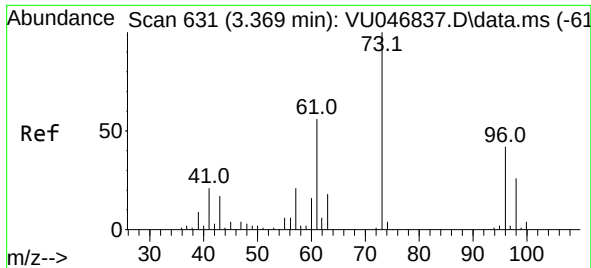
Tgt Ion:101 Resp: 1070
 Ion Ratio Lower Upper
 101 100
 85 22.8 34.6 51.8#
 151 42.5 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 1.574 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

Tgt Ion: 96 Resp: 9470
 Ion Ratio Lower Upper
 96 100
 61 195.3 124.7 231.5
 63 323.4 105.2 195.4#

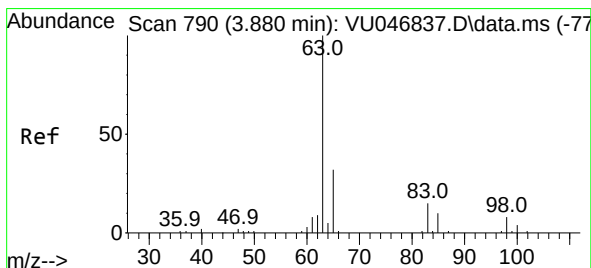
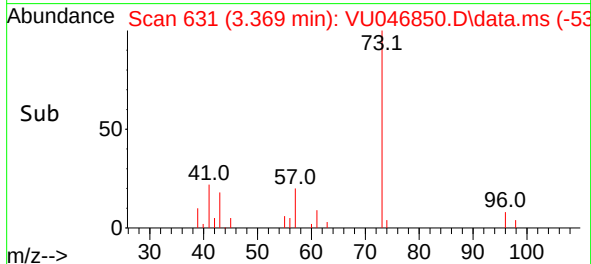
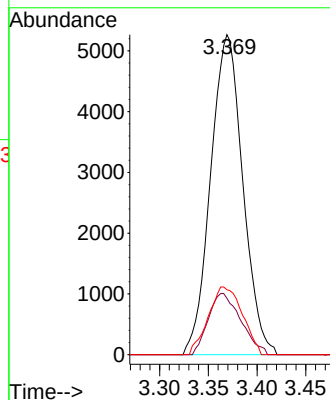
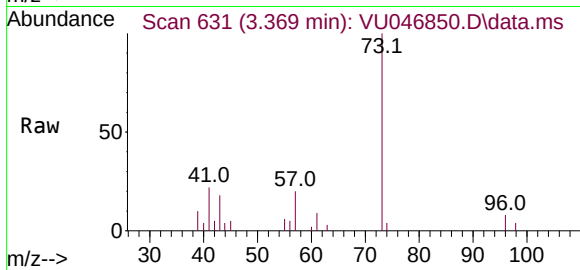




#17
Methyl tert-butyl Ether
Concen: 0.717 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046850.D
Acq: 26 Jan 2022 17:27

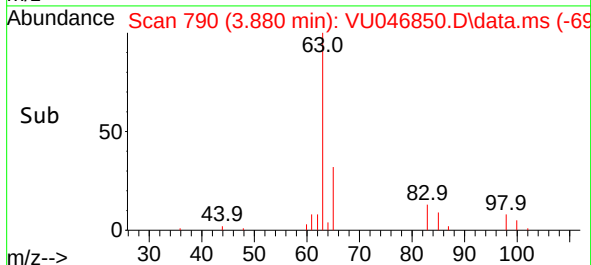
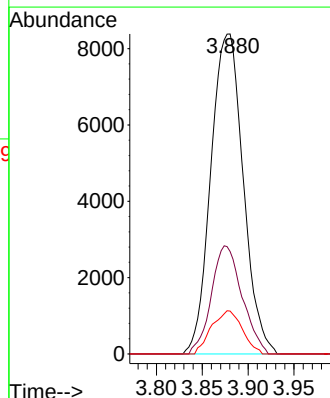
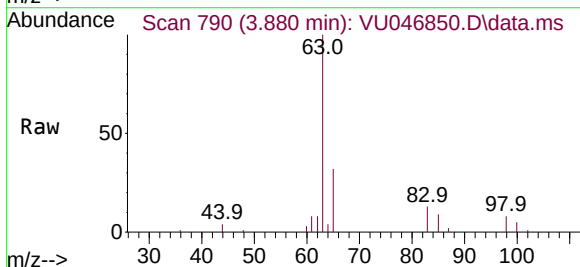
Instrument :
MSVOA_U
ClientSampleId :
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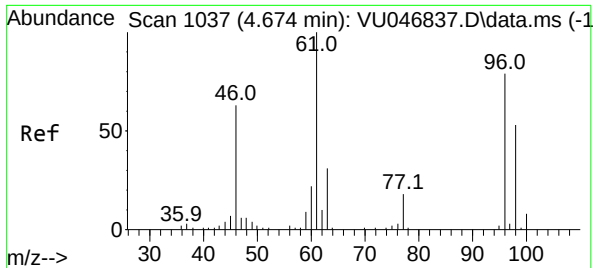
Tgt Ion: 73	Resp:	12094
Ion	Ratio	Lower Upper
73	100	
43	19.4	14.8 22.2
57	22.3	17.4 26.0



#19
1,1-Dichloroethane
Concen: 1.882 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU046850.D
Acq: 26 Jan 2022 17:27

Tgt Ion: 63	Resp:	20592
Ion	Ratio	Lower Upper
63	100	
65	32.0	22.3 41.5
83	13.4	9.6 17.8

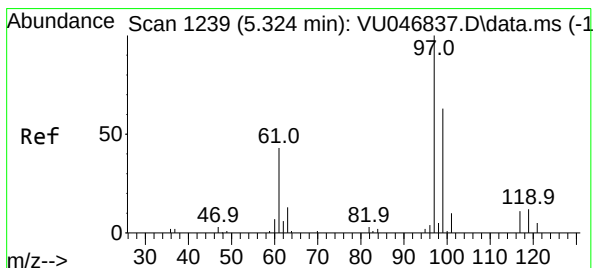
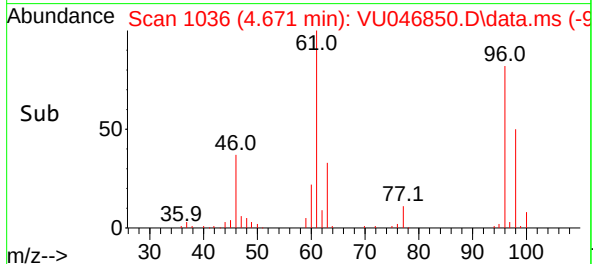
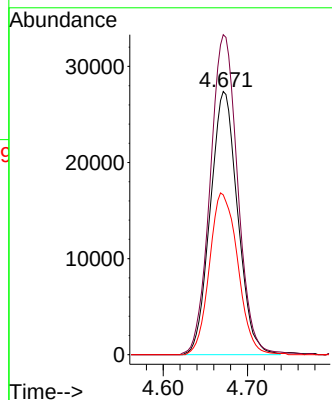
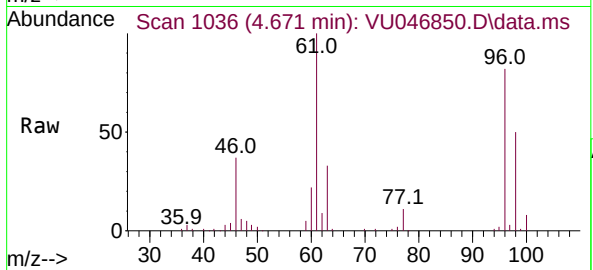




#22
 cis-1,2-Dichloroethene
 Concen: 8.995 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

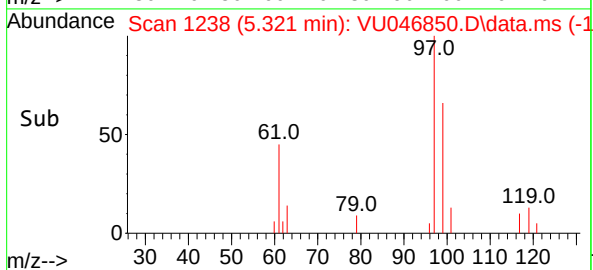
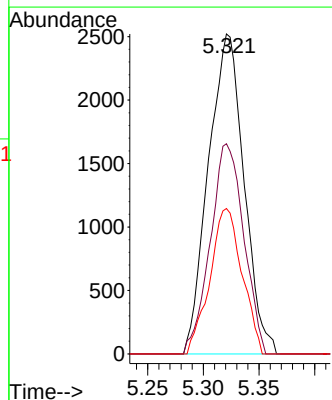
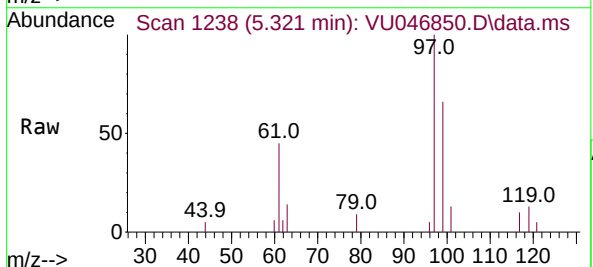
Instrument :
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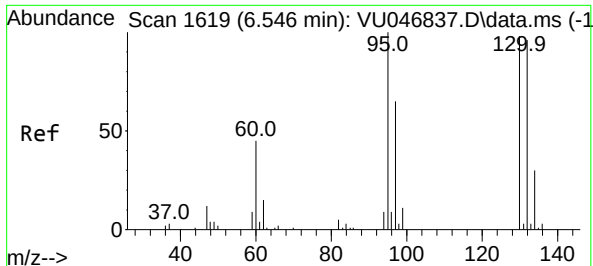
Tgt Ion: 96 Resp: 61831
 Ion Ratio Lower Upper
 96 100
 61 121.5 88.5 164.3
 98 60.7 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.537 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

Tgt Ion: 97 Resp: 5600
 Ion Ratio Lower Upper
 97 100
 99 61.8 51.3 76.9
 61 41.2 36.1 54.1

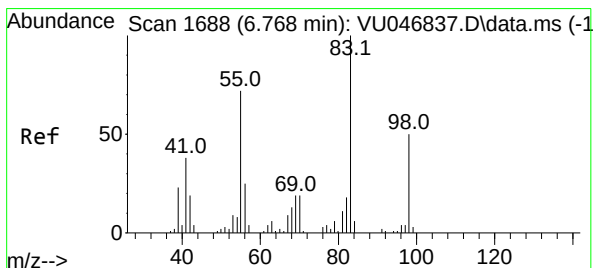
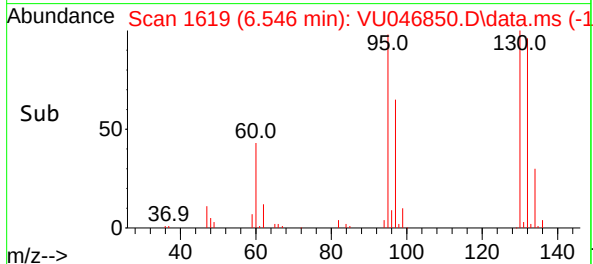
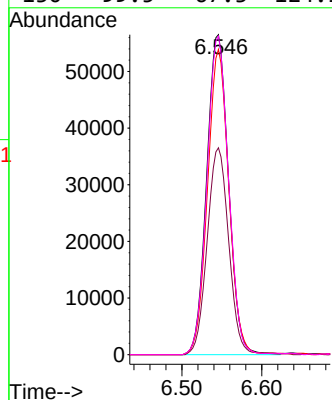
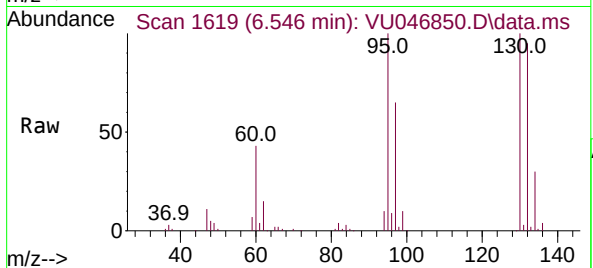




#34
Trichloroethene
Concen: 15.170 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046850.D
Acq: 26 Jan 2022 17:27

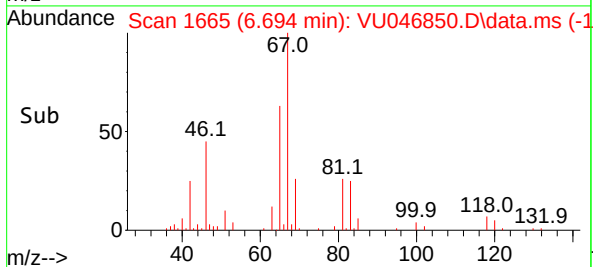
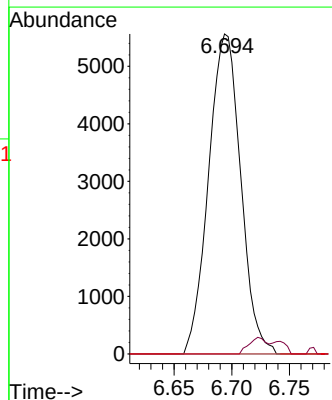
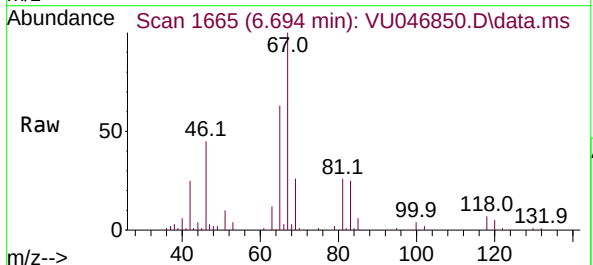
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ClientSampleId :
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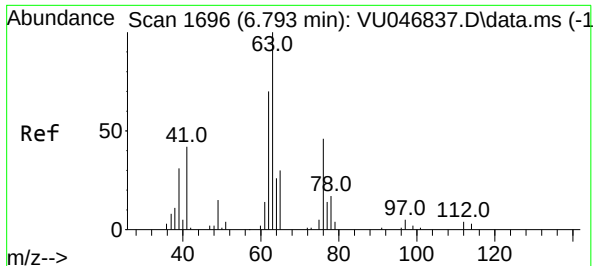
Tgt Ion: 95 Resp: 107437
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 95.4 65.1 120.9
130 99.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046850.D
Acq: 26 Jan 2022 17:27

Tgt Ion: 83 Resp: 10763
Ion Ratio Lower Upper
83 100
55 2.9 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046850.D

Acq: 26 Jan 2022 17:27

Instrument :

MSVOA_U

ClientSampleId :

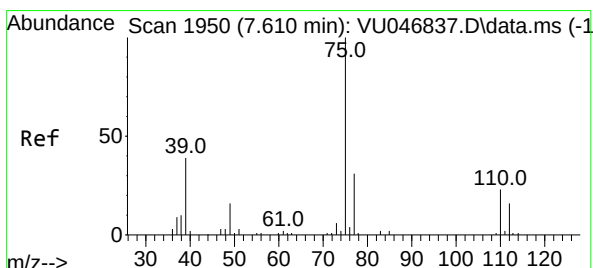
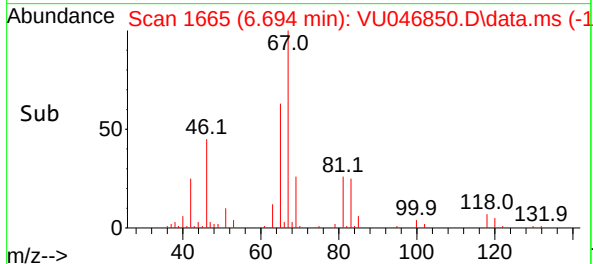
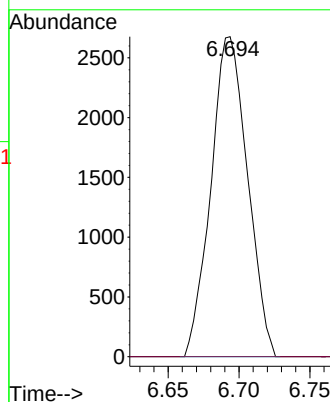
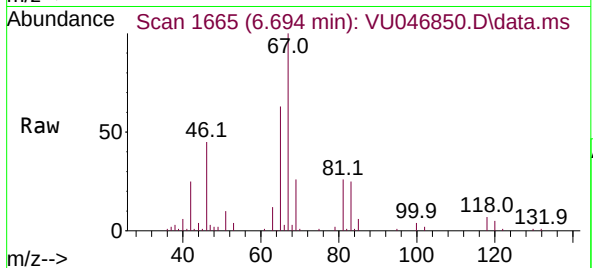
BFX0

Tgt Ion: 63 Resp: 4822

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046850.D

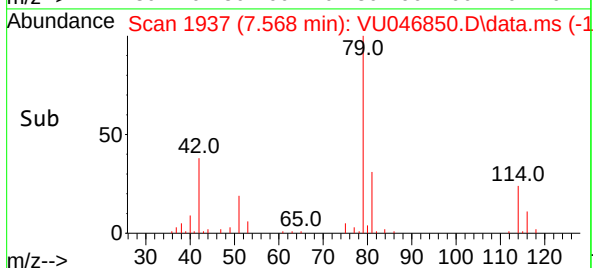
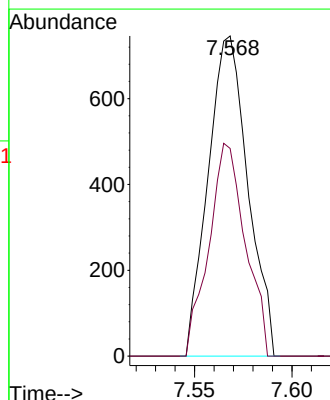
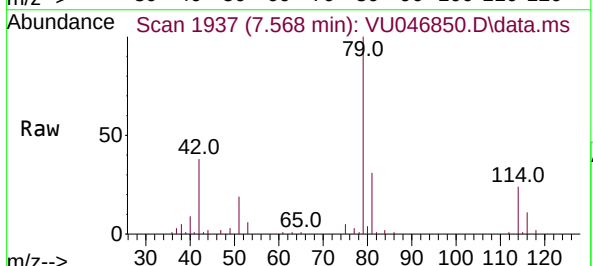
Acq: 26 Jan 2022 17:27

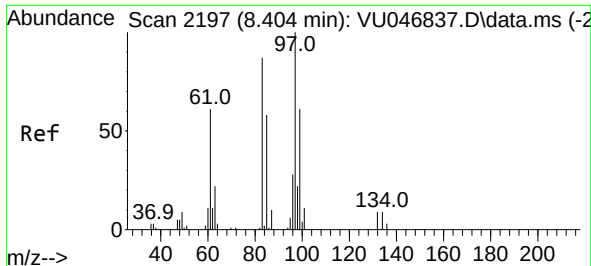
Tgt Ion: 75 Resp: 1061

Ion Ratio Lower Upper

75 100

77 64.9 22.5 41.9#

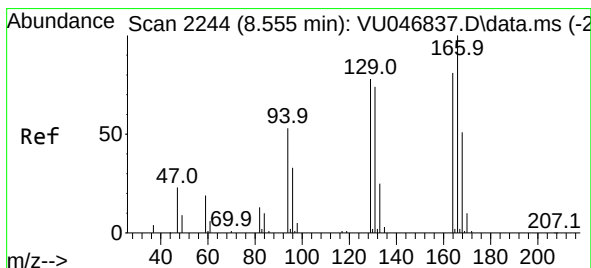
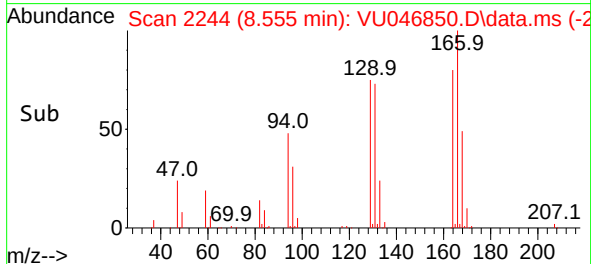
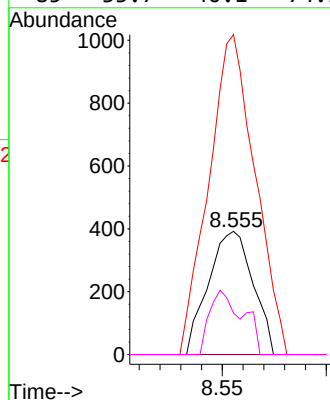
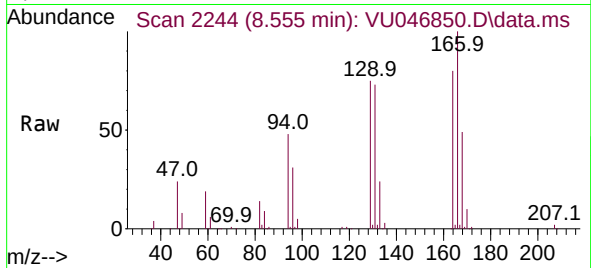




#45
1,1,2-Trichloroethane
Concen: 0.103 ug/L
RT: 8.555 min Scan# 2197
Delta R.T. 0.151 min
Lab File: VU046850.D
Acq: 26 Jan 2022 17:27

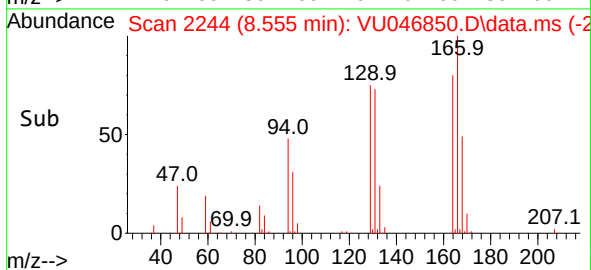
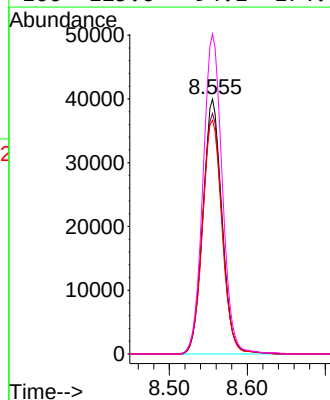
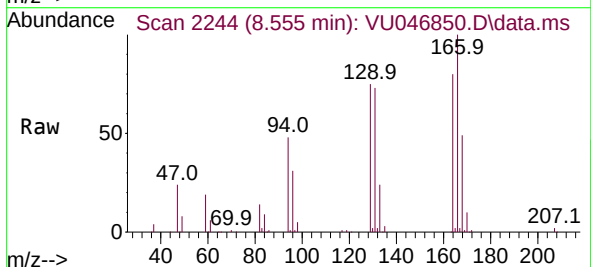
Instrument :
MSVOA_U
ClientSampleId :
BFX0

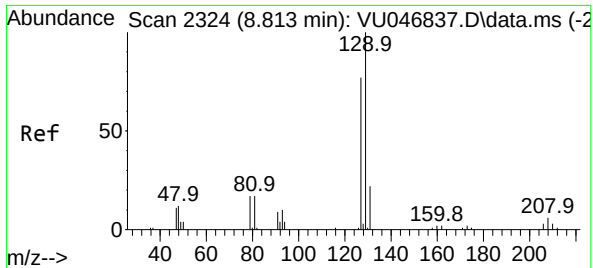
Tgt Ion: 97	Resp:	586
Ion Ratio	Lower	Upper
97	100	
99	0.0	42.3 78.5#
83	259.7	62.0 115.2#
85	33.7	40.1 74.5#



#47
Tetrachloroethene
Concen: 11.769 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046850.D
Acq: 26 Jan 2022 17:27

Tgt Ion: 164	Resp:	67785
Ion Ratio	Lower	Upper
164	100	
129	94.4	71.8 133.4
131	91.7	68.5 127.3
166	125.6	94.1 174.8





#49
 Dibromochloromethane
 Concen: 9.843 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU046850.D
 Acq: 26 Jan 2022 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0

Tgt Ion:129 Resp: 66097
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

