

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)

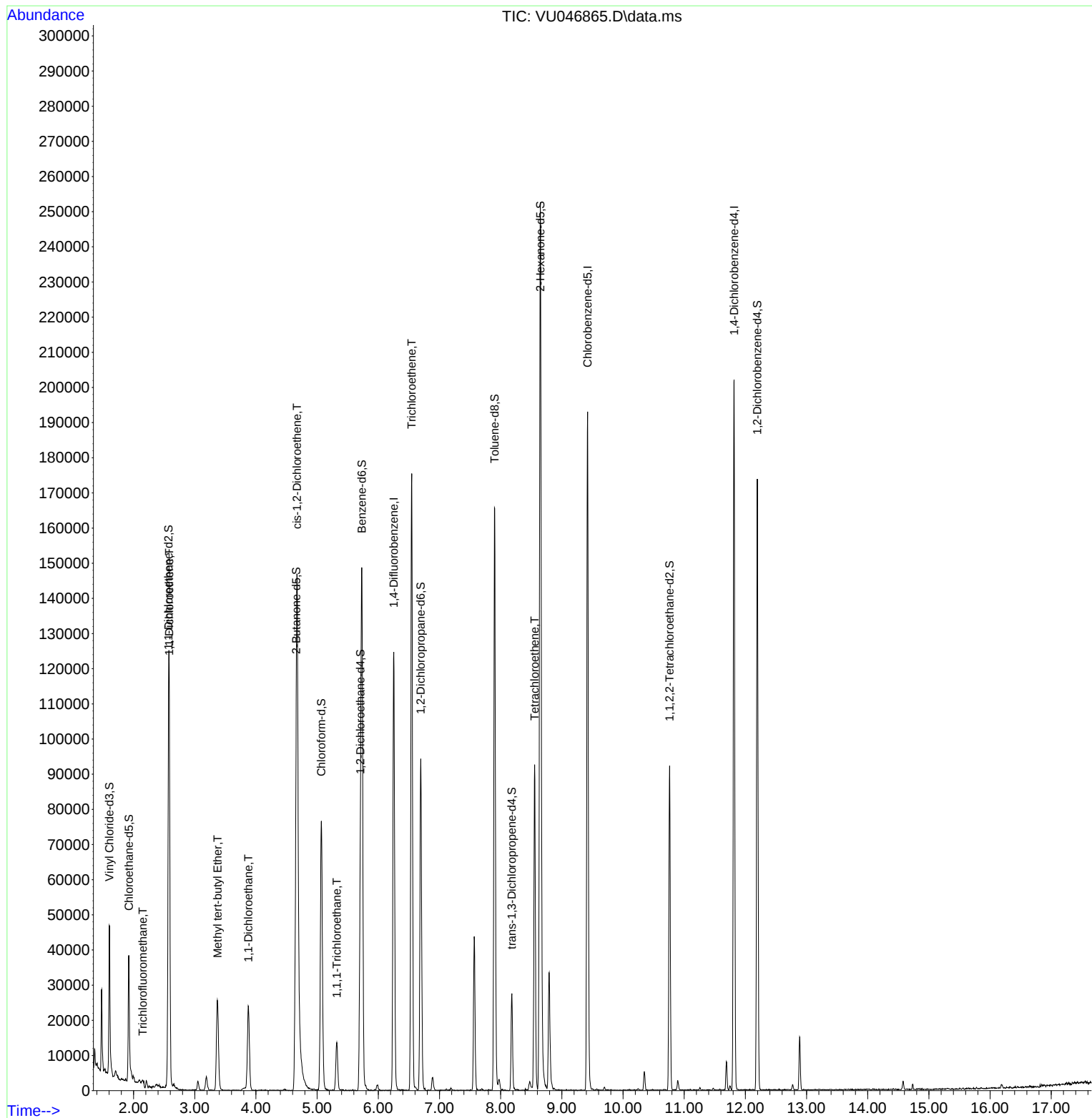
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	54100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34587	3.918	ug/L	0.00
Spiked Amount	5.000	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						
9) Trichlorofluoromethane	2.150	101	511	0.050	ug/L	87
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
34) Trichloroethene	6.546	95	60712	8.882	ug/L	98
47) Tetrachloroethene	8.555	164	20049	3.606	ug/L	93

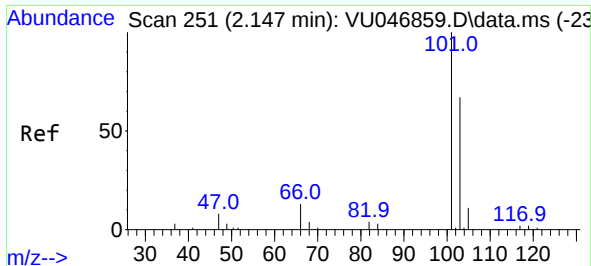
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BFXX9DL

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 00:56:24 2022
Response via : Initial Calibration

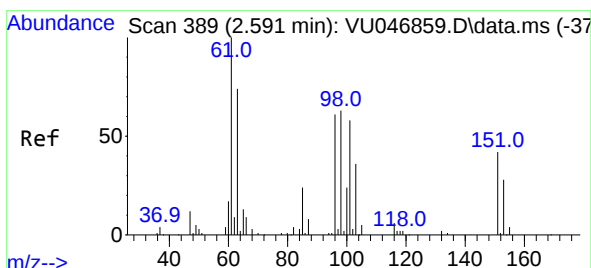
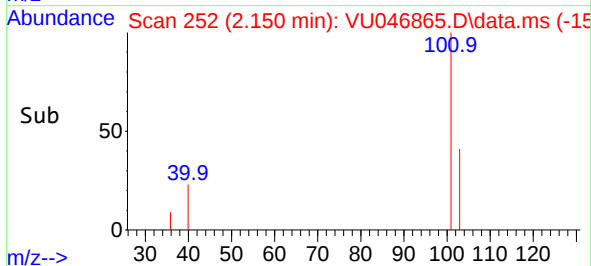
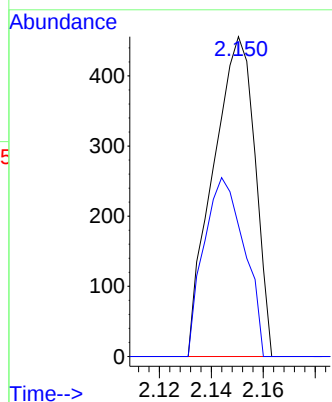
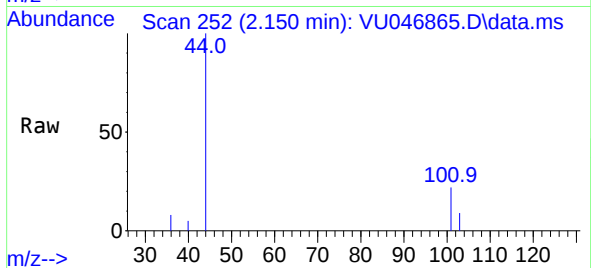




#9
 Trichlorofluoromethane
 Concen: 0.050 ug/L
 RT: 2.150 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU046865.D
 Acq: 27 Jan 2022 12:51

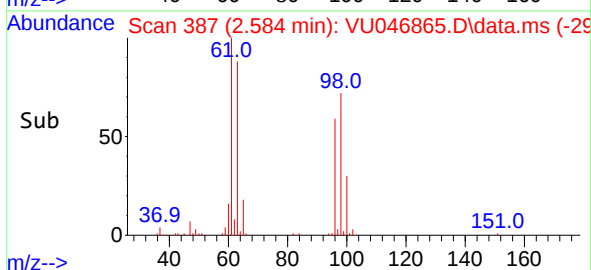
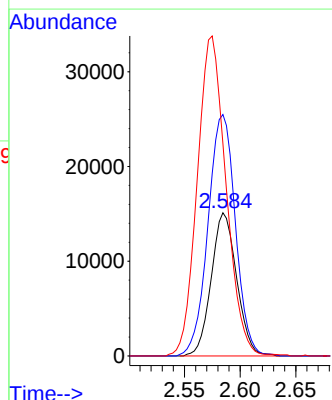
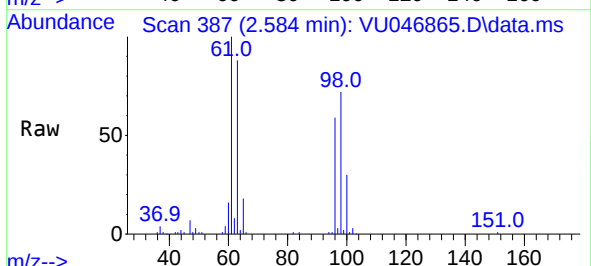
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXX9DL

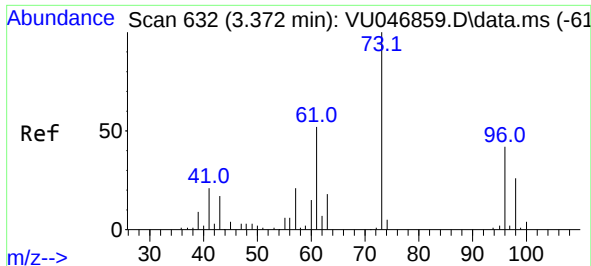
Tgt Ion:101 Resp: 511
 Ion Ratio Lower Upper
 101 100
 103 54.0 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 4.126 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU046865.D
 Acq: 27 Jan 2022 12:51

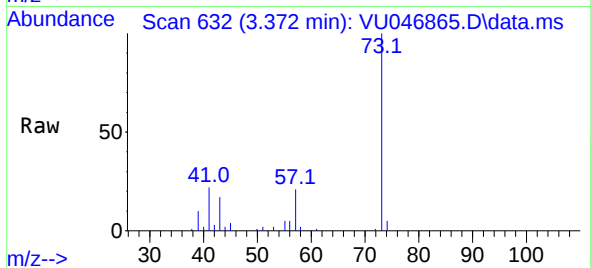
Tgt Ion: 96 Resp: 24005
 Ion Ratio Lower Upper
 96 100
 61 168.6 124.7 231.5
 63 148.2 105.2 195.4



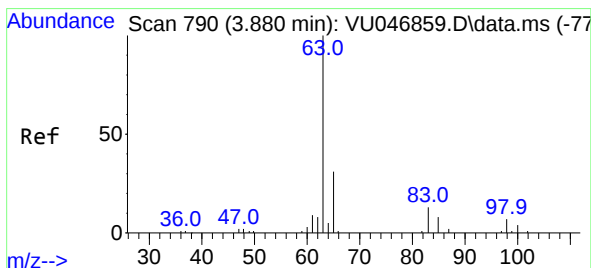
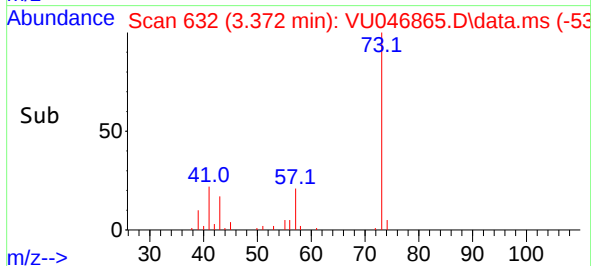
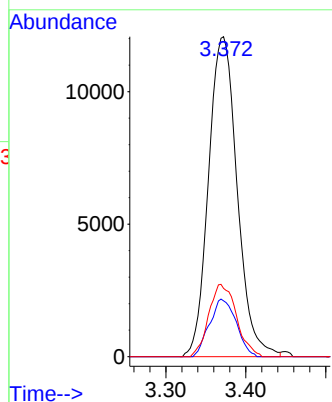


#17
Methyl tert-butyl Ether
Concen: 1.842 ug/L
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

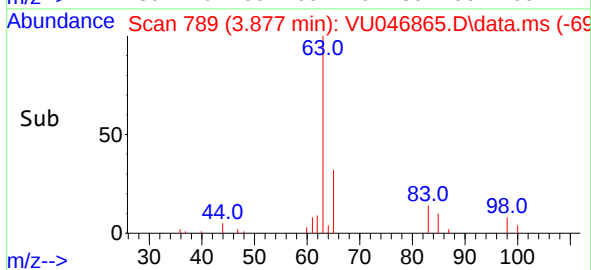
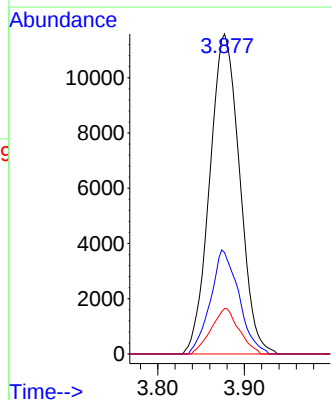
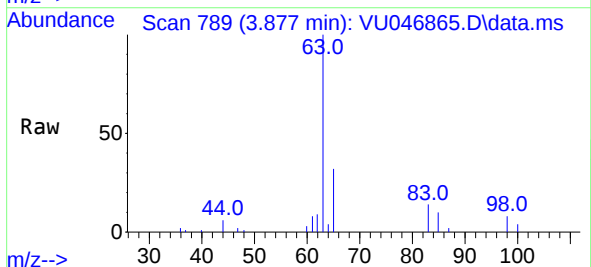


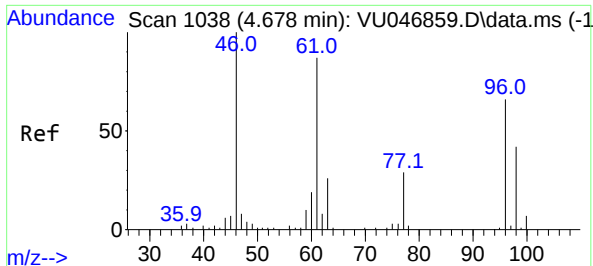
Tgt Ion: 73 Resp: 30064
Ion Ratio Lower Upper
73 100
43 16.7 14.8 22.2
57 21.8 17.4 26.0



#19
1,1-Dichloroethane
Concen: 2.625 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

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



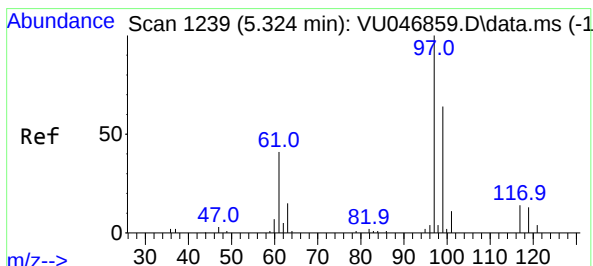
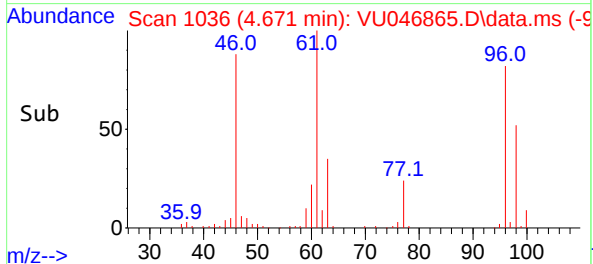
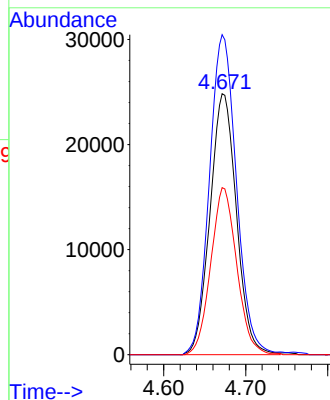
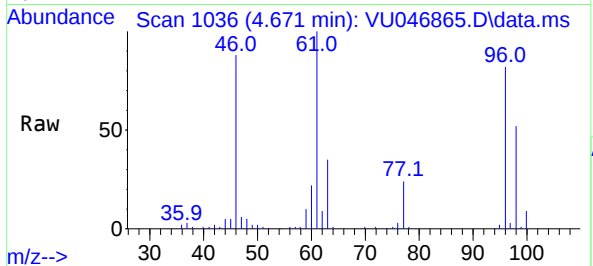


#22
 cis-1,2-Dichloroethene
 Concen: 8.372 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VU046865.D
 Acq: 27 Jan 2022 12:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX9DL

Tgt Ion: 96 Resp: 55647

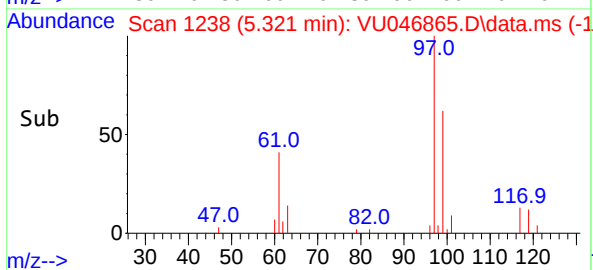
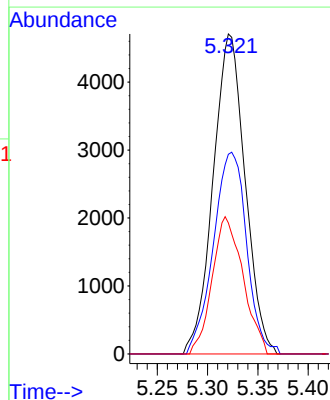
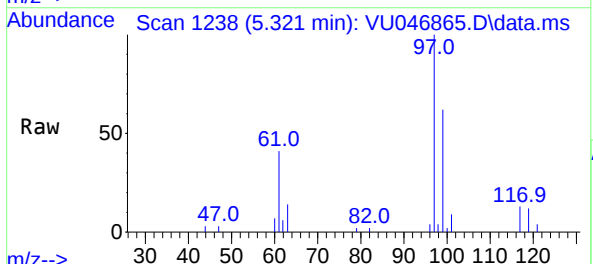
Ion	Ratio	Lower	Upper
96	100		
61	122.6	88.5	164.3
98	64.0	44.4	82.5

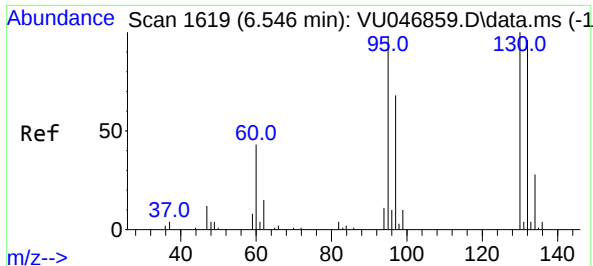


#29
 1,1,1-Trichloroethane
 Concen: 1.034 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046865.D
 Acq: 27 Jan 2022 12:51

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



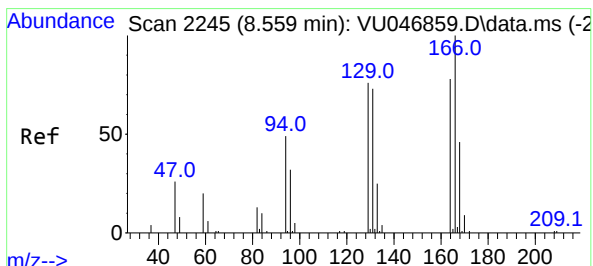
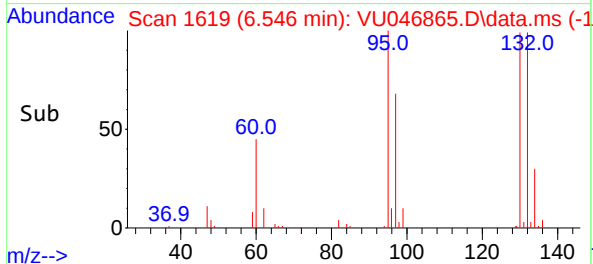
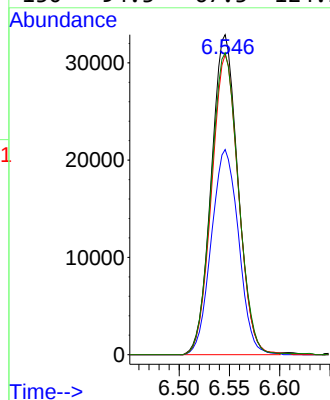
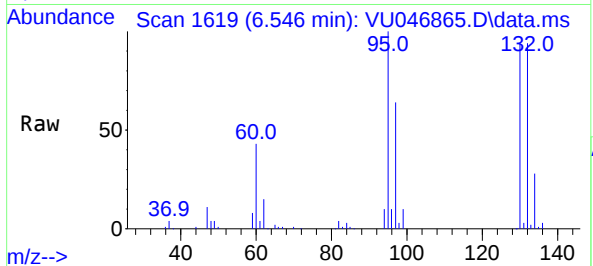


#34
Trichloroethene
Concen: 8.882 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

Instrument :
MSVOA_U
ClientSampleId :
BFX9DL

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



#47
Tetrachloroethene
Concen: 3.606 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046865.D
Acq: 27 Jan 2022 12:51

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

