

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045839.D
 Acq On : 17 Nov 2021 14:49
 Operator : SY/MD
 Sample : M4686-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG200

Quant Time: Nov 18 02:20:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

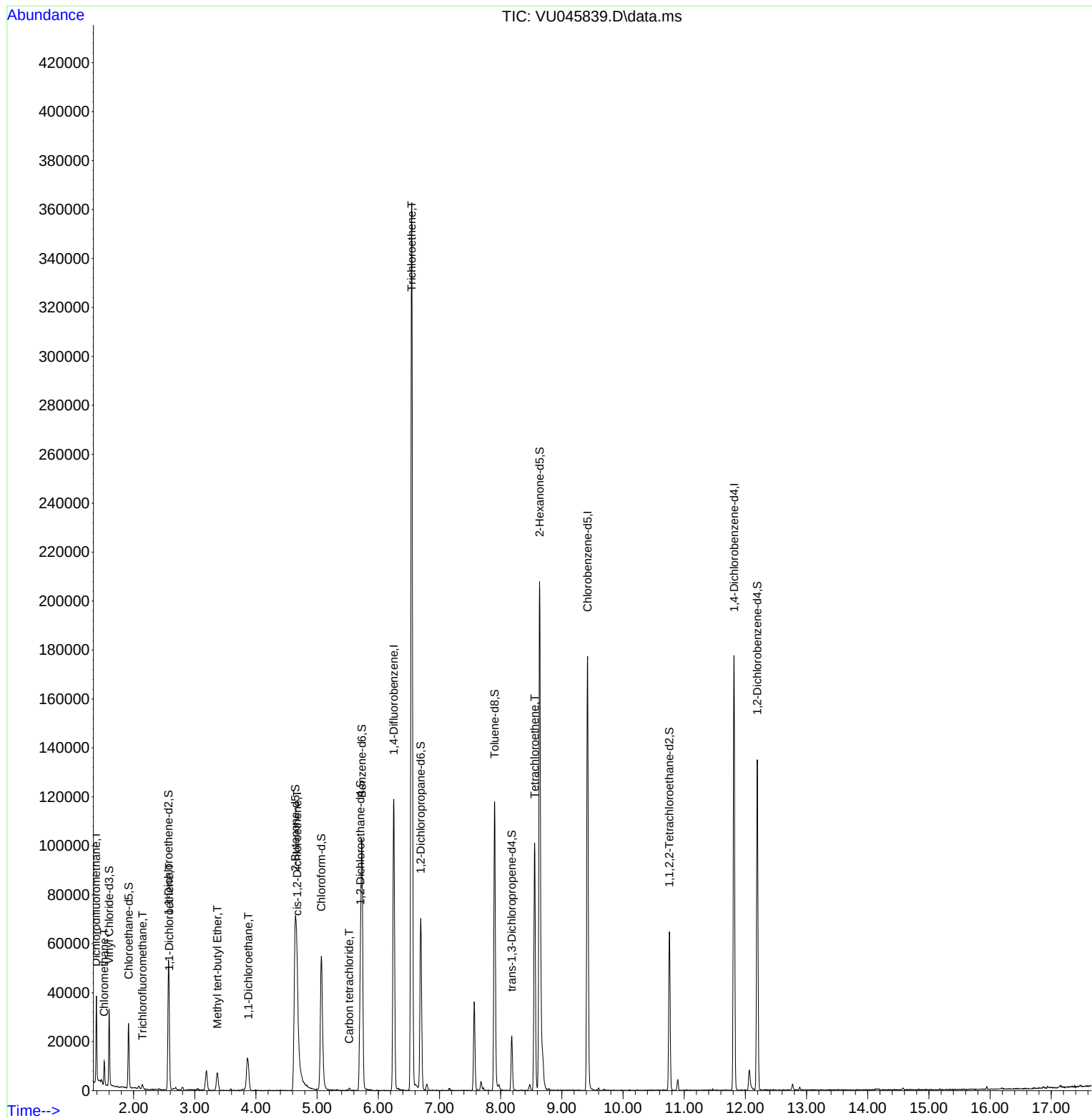
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95140	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20956	2.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.600%
7) Chloroethane-d5	1.919	69	19211	3.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.572	65	10149	3.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.645	46	108808	53.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.720%
24) Chloroform-d	5.070	84	47862	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.706	65	30841	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.732	84	95423	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.694	67	33845	3.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.903	98	80790	3.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.182	79	12829	3.661	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.636	63	75064	47.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32531	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	34428	4.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1086	0.140	ug/L	90
3) Chloromethane	1.520	50	6083	0.741	ug/L	99
9) Trichlorofluoromethane	2.144	101	1043	0.098	ug/L	90
12) 1,1-Dichloroethene	2.584	96	1344	0.228	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	7825	0.510	ug/L	99
19) 1,1-Dichloroethane	3.877	63	6008	0.508	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	9017	1.317	ug/L	96
31) Carbon tetrachloride	5.523	117	713	0.078	ug/L	87
34) Trichloroethene	6.546	95	123751	17.301	ug/L	99
47) Tetrachloroethene	8.555	164	22357	4.465	ug/L	98

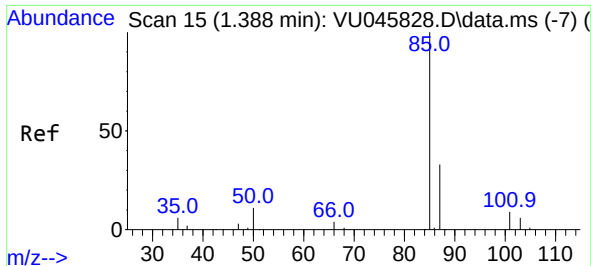
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

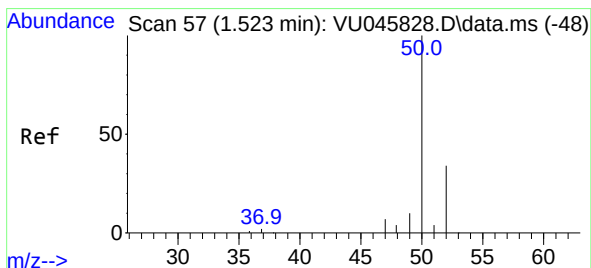
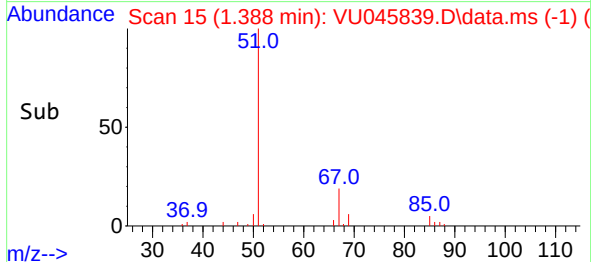
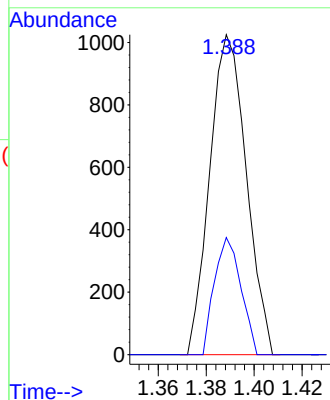
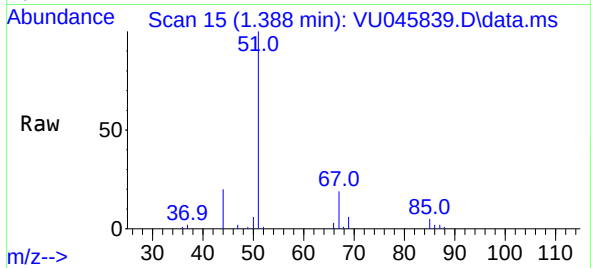




#2
Dichlorodifluoromethane
Concen: 0.140 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

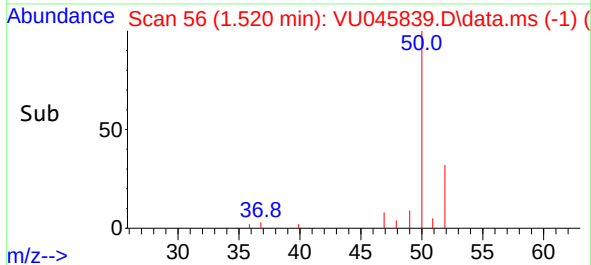
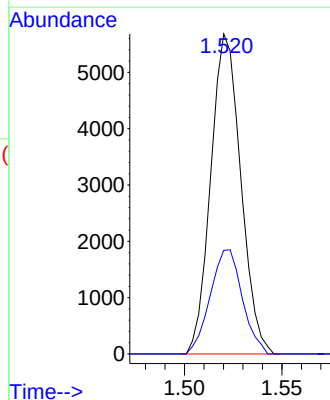
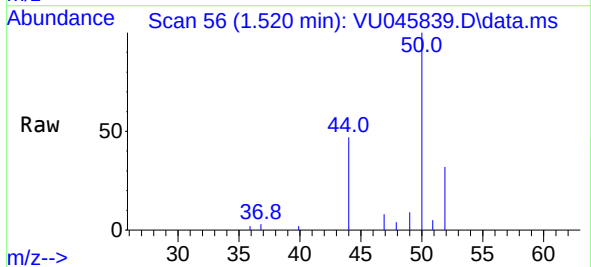
Instrument :
MSVOA_U
ClientSampleId :
BG200

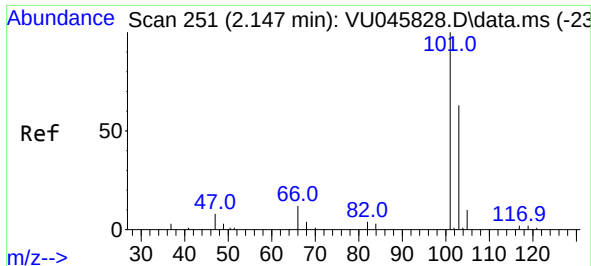
Tgt Ion: 85 Resp: 1086
Ion Ratio Lower Upper
85 100
87 26.3 25.8 38.6



#3
Chloromethane
Concen: 0.741 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

Tgt Ion: 50 Resp: 6083
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8

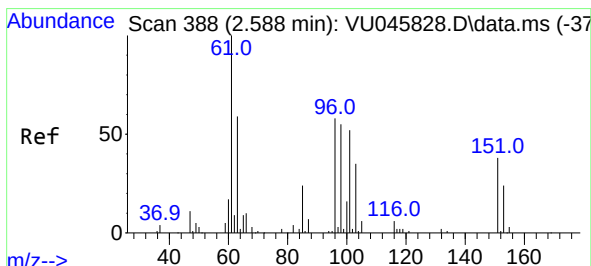
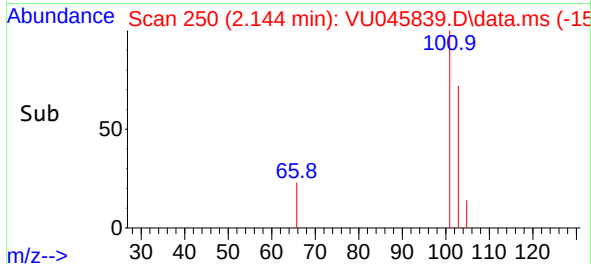
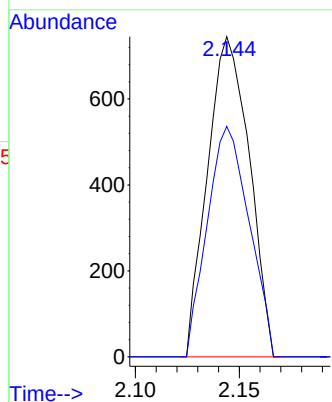
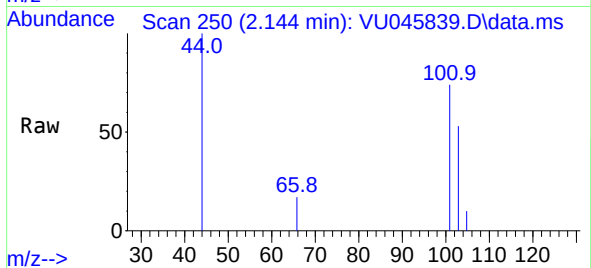




#9
Trichlorofluoromethane
Concen: 0.098 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

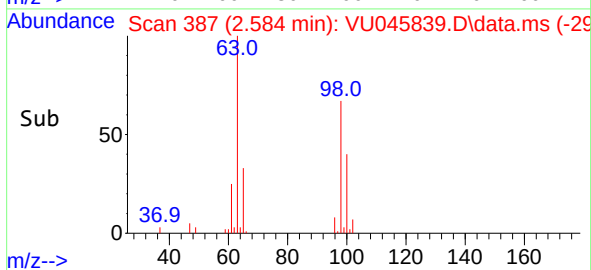
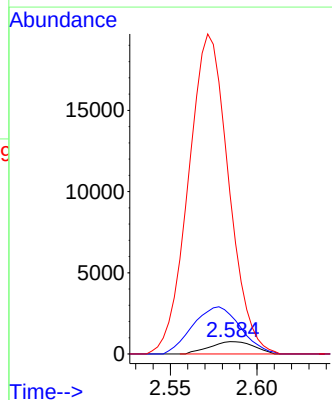
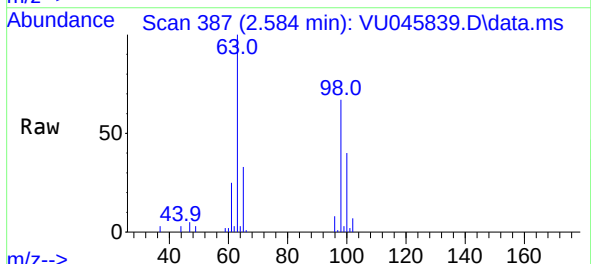
Instrument :
MSVOA_U
ClientSampleId :
BG200

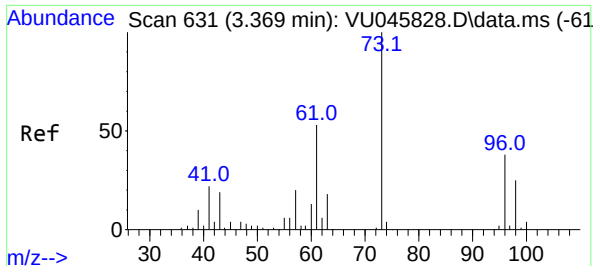
Tgt Ion:101 Resp: 1043
Ion Ratio Lower Upper
101 100
103 72.0 51.5 77.3



#12
1,1-Dichloroethene
Concen: 0.228 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

Tgt Ion: 96 Resp: 1344
Ion Ratio Lower Upper
96 100
61 320.7 124.7 231.5#
63 1307.4 105.2 195.4#



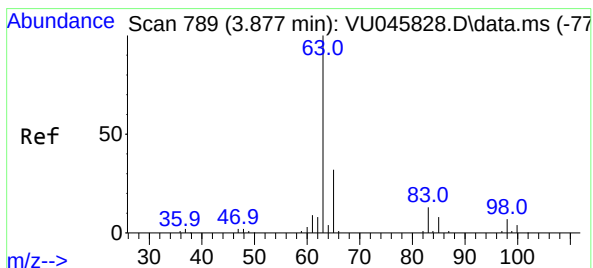
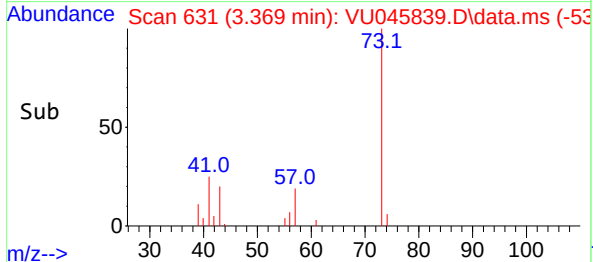
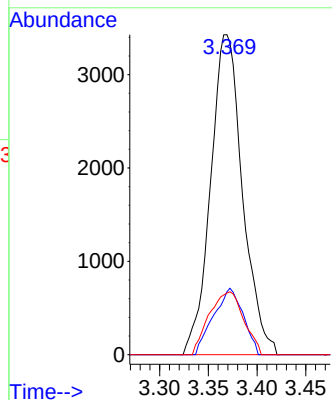
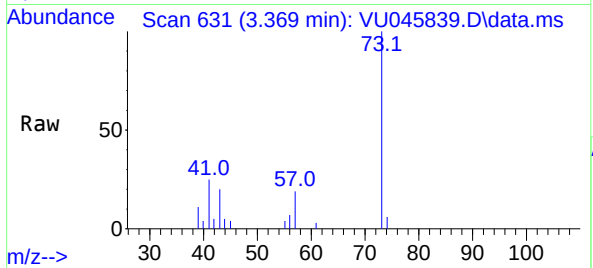


#17
Methyl tert-butyl Ether
Concen: 0.510 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

Instrument :
MSVOA_U
ClientSampleId :
BG200

Tgt Ion: 73 Resp: 7825

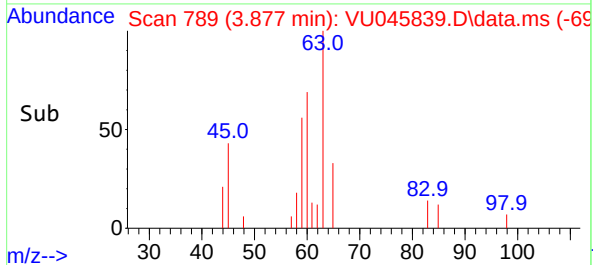
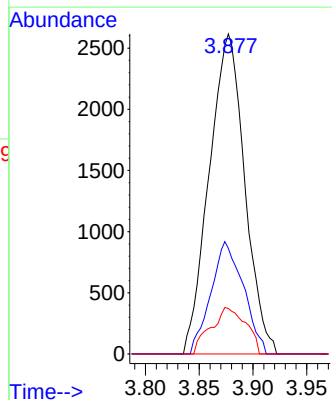
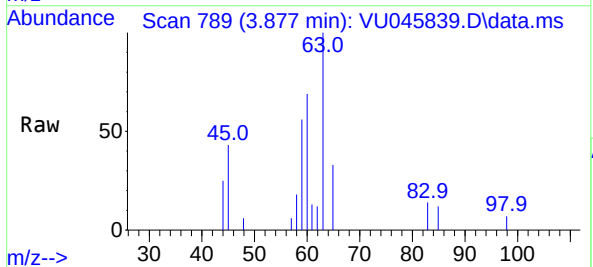
Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.8	22.2
57	21.2	17.4	26.0

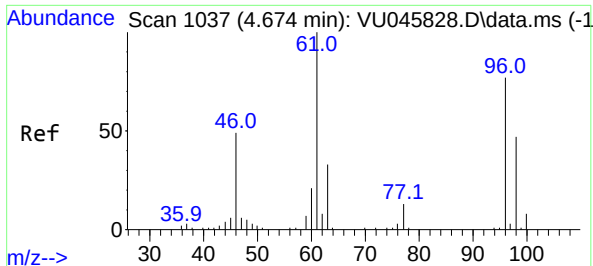


#19
1,1-Dichloroethane
Concen: 0.508 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

Tgt Ion: 63 Resp: 6008

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.3	41.5
83	14.2	9.6	17.8

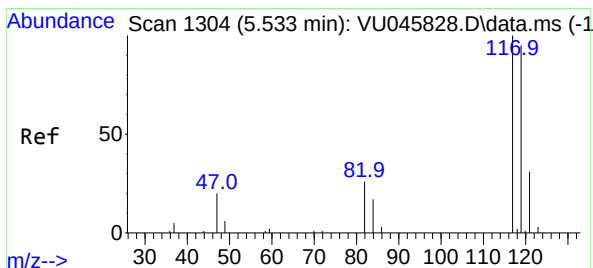
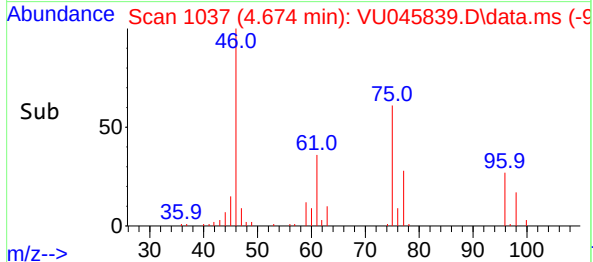
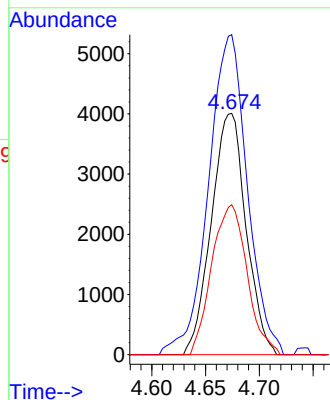
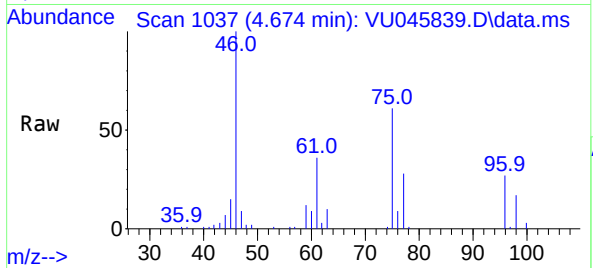




#22
 cis-1,2-Dichloroethene
 Concen: 1.317 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU045839.D
 Acq: 17 Nov 2021 14:49

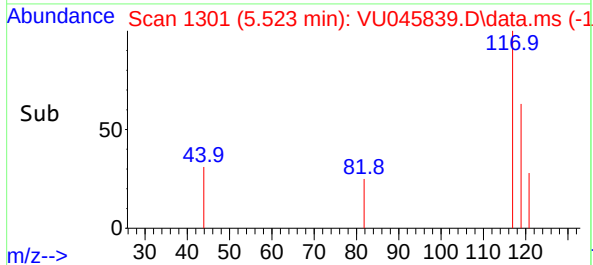
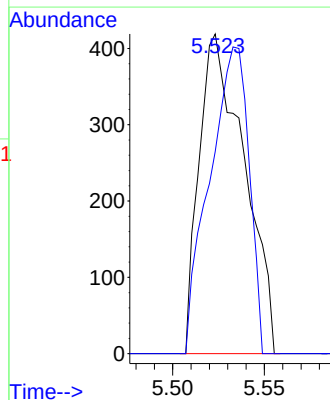
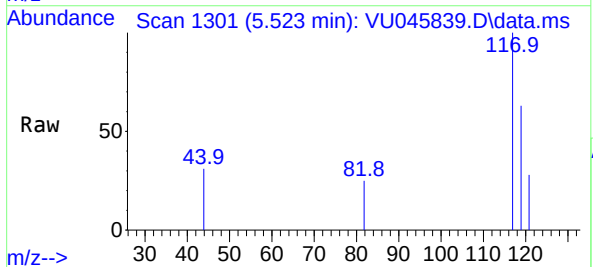
Instrument :
 MSVOA_U
 ClientSampleId :
 BG200

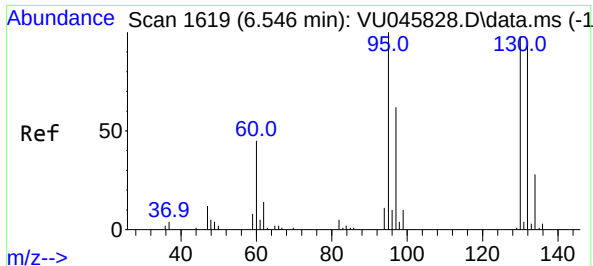
Tgt Ion: 96 Resp: 9017
 Ion Ratio Lower Upper
 96 100
 61 132.7 88.5 164.3
 98 62.2 44.4 82.5



#31
 Carbon tetrachloride
 Concen: 0.078 ug/L
 RT: 5.523 min Scan# 1301
 Delta R.T. -0.010 min
 Lab File: VU045839.D
 Acq: 17 Nov 2021 14:49

Tgt Ion: 117 Resp: 713
 Ion Ratio Lower Upper
 117 100
 119 84.3 77.5 116.3



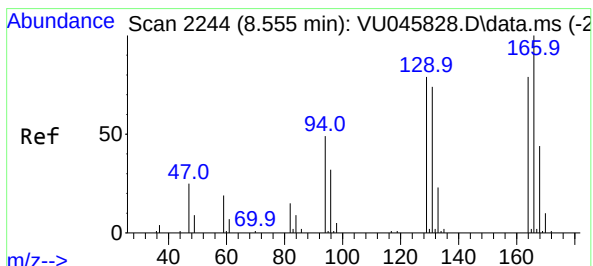
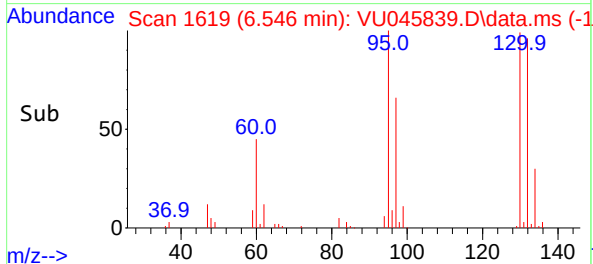
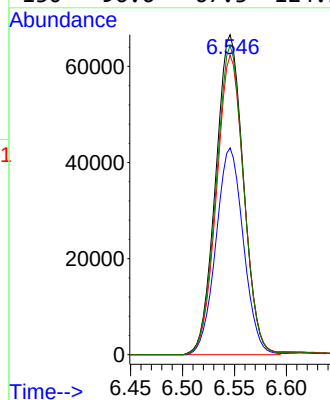
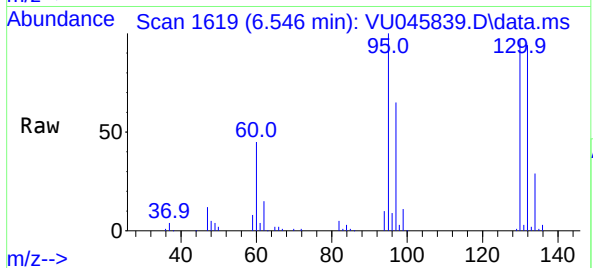


#34
Trichloroethene
Concen: 17.301 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

Instrument :
MSVOA_U
ClientSampleId :
BG200

Tgt Ion: 95 Resp: 123751

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	93.6	65.1	120.9
130	96.6	67.3	124.9



#47
Tetrachloroethene
Concen: 4.465 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045839.D
Acq: 17 Nov 2021 14:49

Tgt Ion: 164 Resp: 22357

Ion	Ratio	Lower	Upper
164	100		
129	100.7	71.8	133.4
131	94.2	68.5	127.3
166	132.4	94.1	174.8

