

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047359.D
 Acq On : 07 Mar 2022 11:59
 Operator : SY/MD
 Sample : N1773-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17

Quant Time: Mar 07 13:10:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

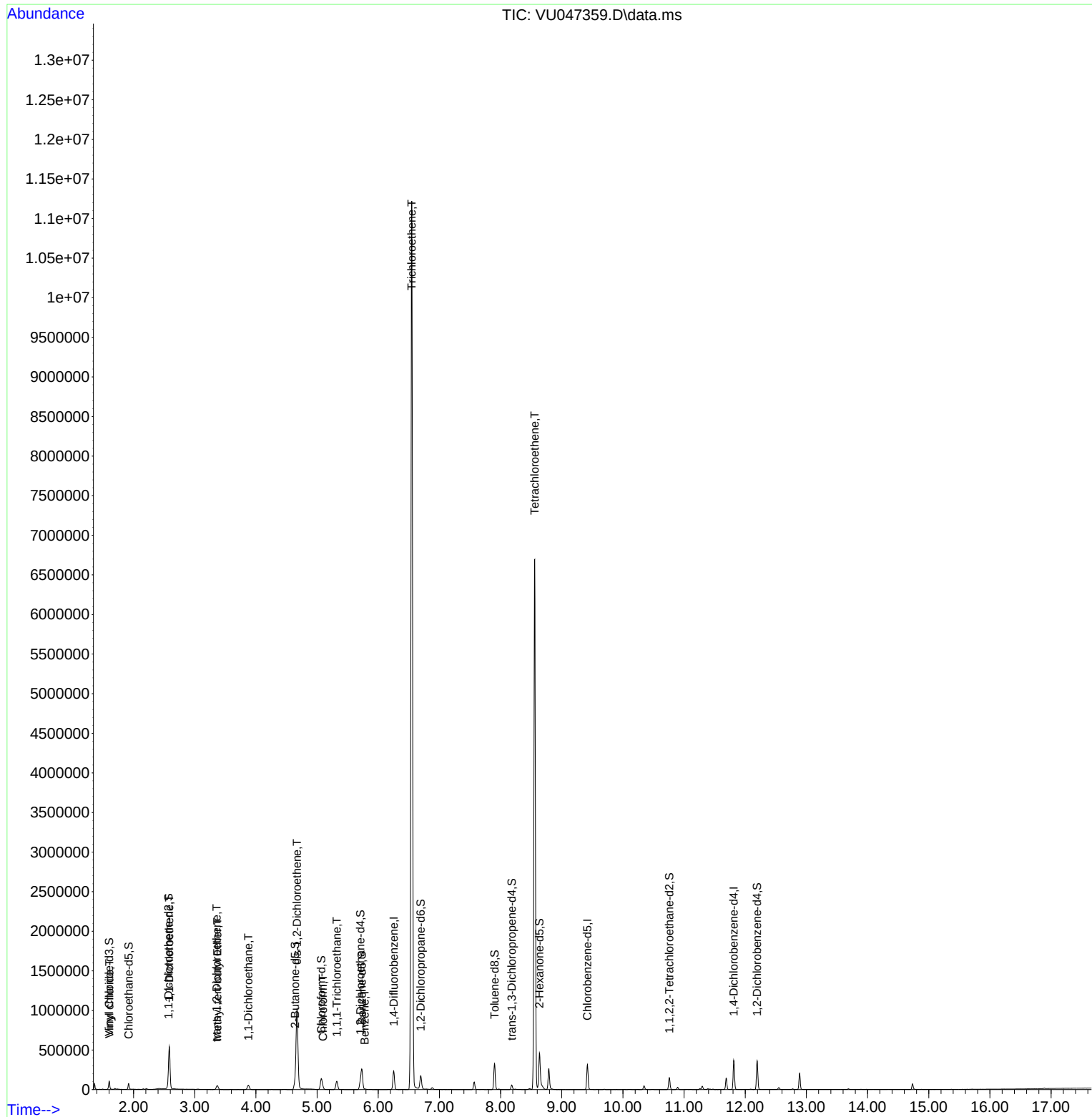
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58182	4.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.919	69	55118	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.571	65	25434	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.642	46	183311	39.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	5.070	84	124442	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.706	65	69356	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.732	84	249221	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.694	67	79404	4.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.902	98	224620	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	33413	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.636	63	193203	47.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75792	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	99694	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	7306	0.551	ug/L	87
12) 1,1-Dichloroethene	2.584	96	162914	16.632	ug/L #	66
17) Methyl tert-butyl Ether	3.369	73	50502	1.925	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	3843	0.361	ug/L	90
19) 1,1-Dichloroethane	3.877	63	64399	3.636	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	541095	46.724	ug/L	95
25) Chloroform	5.096	83	23131	1.194	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	75551	4.831	ug/L	97
33) Benzene	5.780	78	4020	0.096	ug/L	100
34) Trichloroethene	6.546	95	3757537	340.178	ug/L	95
47) Tetrachloroethene	8.558	164	1526088	162.182	ug/L	93

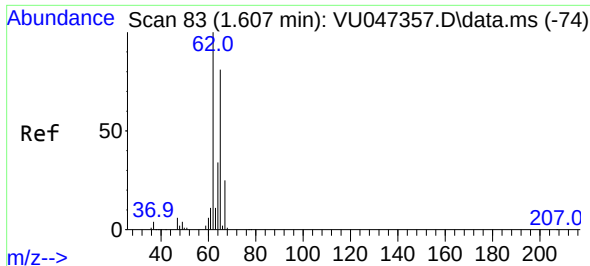
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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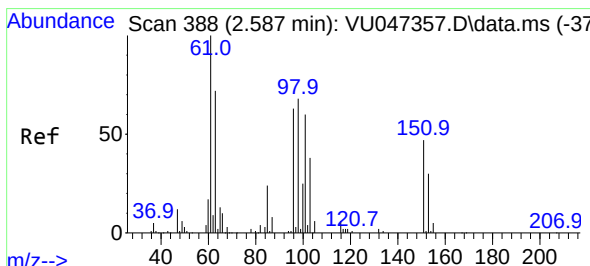
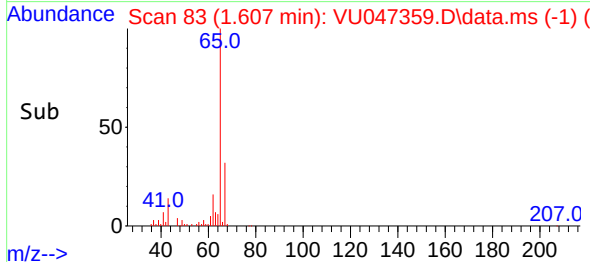
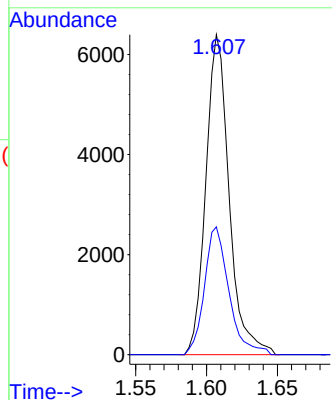
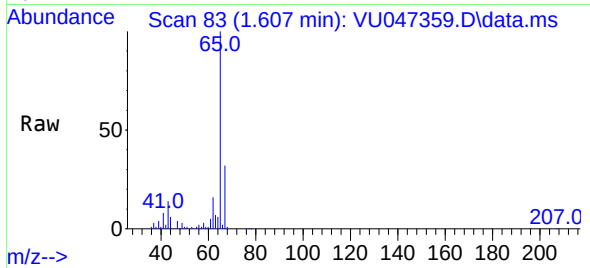




#5
 Vinyl chloride
 Concen: 0.551 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047359.D
 Acq: 07 Mar 2022 11:59

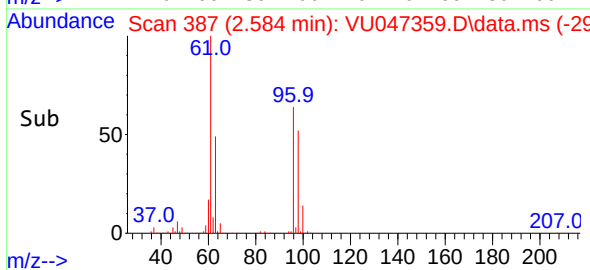
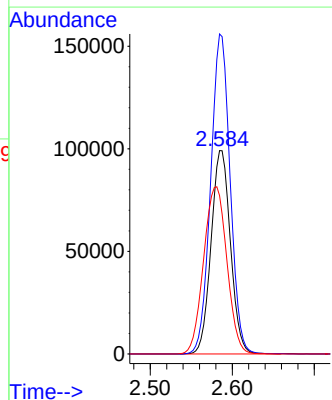
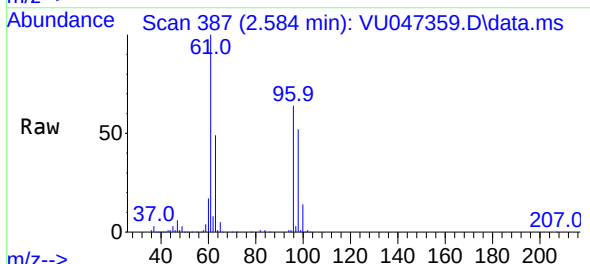
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17

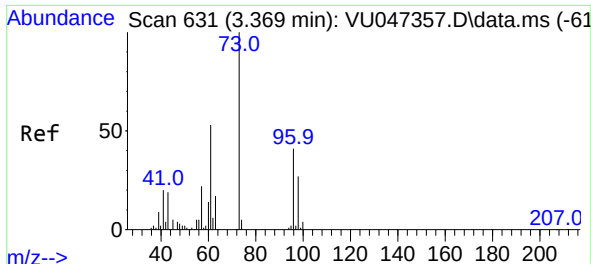
Tgt Ion: 62 Resp: 7306
 Ion Ratio Lower Upper
 62 100
 64 40.0 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 16.632 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047359.D
 Acq: 07 Mar 2022 11:59

Tgt Ion: 96 Resp: 162914
 Ion Ratio Lower Upper
 96 100
 61 157.3 124.7 231.5
 63 77.8 105.2 195.4#



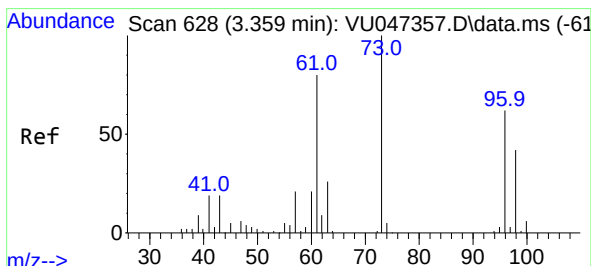
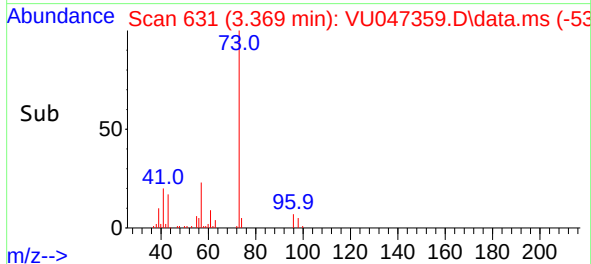
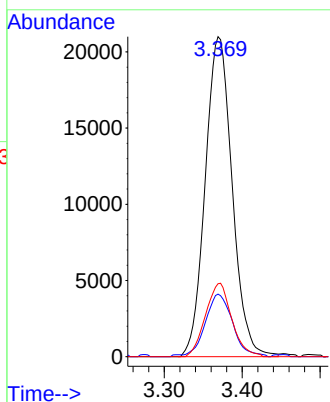
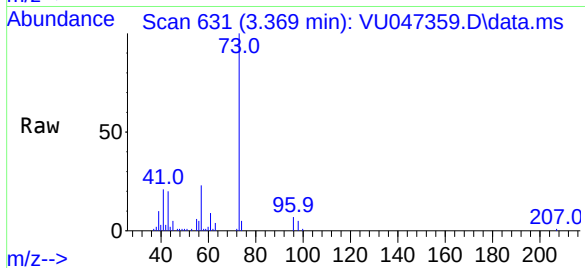


#17
Methyl tert-butyl Ether
Concen: 1.925 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFY17

Tgt Ion: 73 Resp: 50502

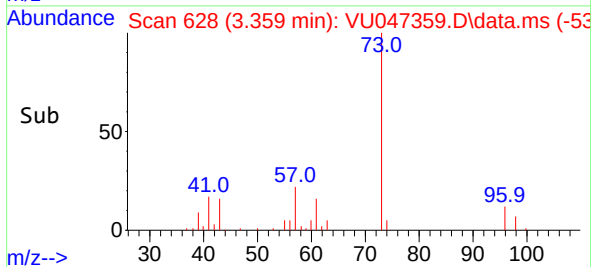
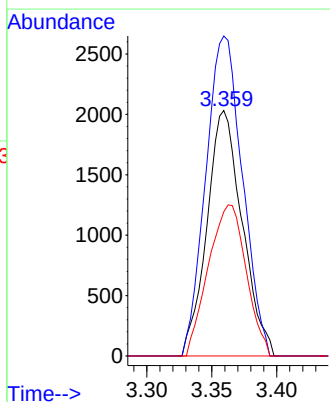
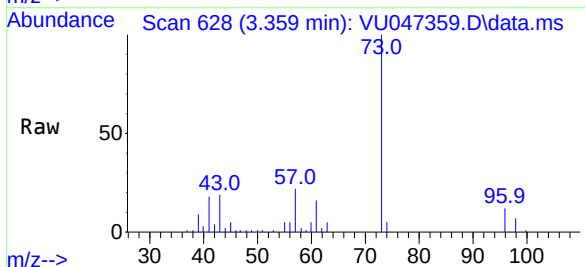
Ion	Ratio	Lower	Upper
73	100		
43	19.7	14.8	22.2
57	22.3	17.4	26.0

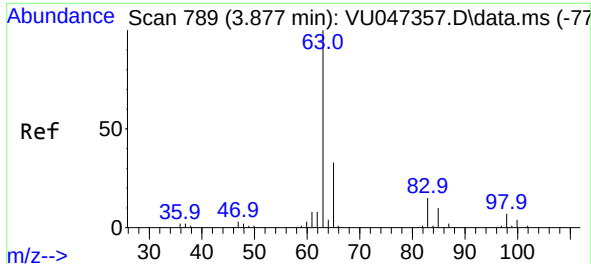


#18
trans-1,2-Dichloroethene
Concen: 0.361 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 96 Resp: 3843

Ion	Ratio	Lower	Upper
96	100		
61	130.4	100.8	187.2
98	58.8	45.1	83.7





#19

1,1-Dichloroethane

Concen: 3.636 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047359.D

Acq: 07 Mar 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

BFY17

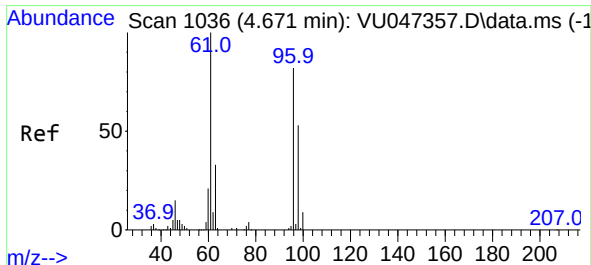
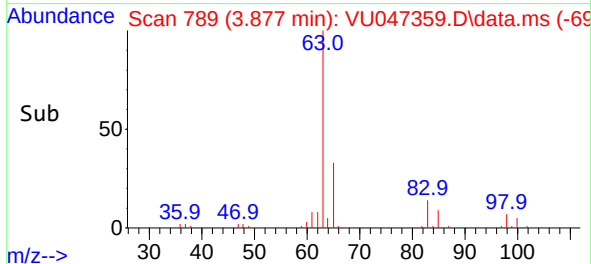
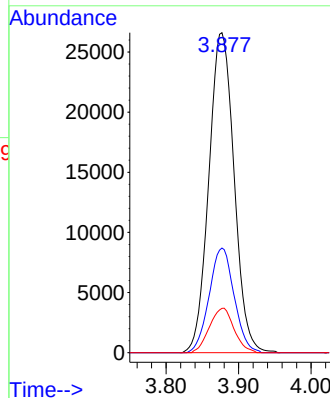
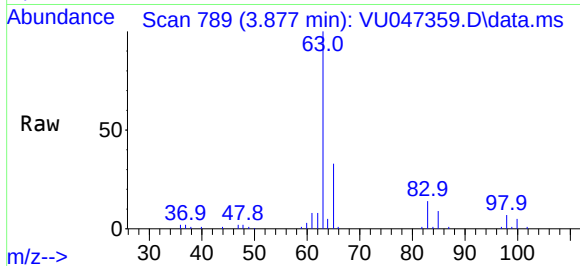
Tgt Ion: 63 Resp: 64399

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 13.9 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 46.724 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047359.D

Acq: 07 Mar 2022 11:59

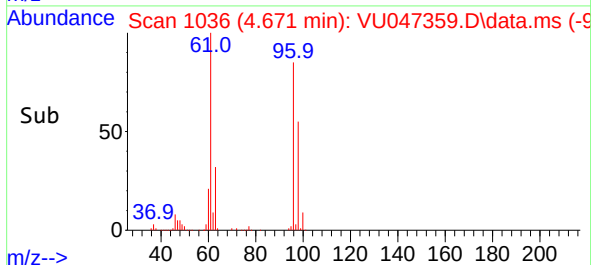
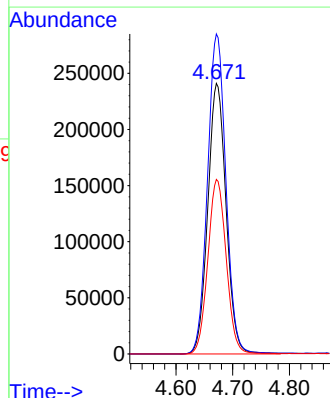
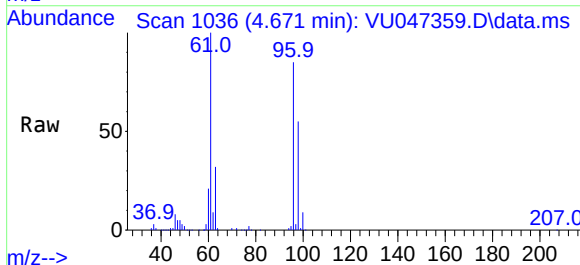
Tgt Ion: 96 Resp: 541095

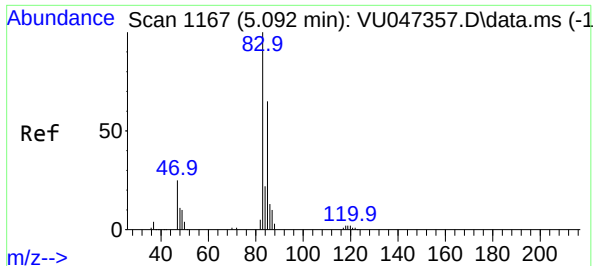
Ion Ratio Lower Upper

96 100

61 118.3 88.5 164.3

98 64.5 44.4 82.5

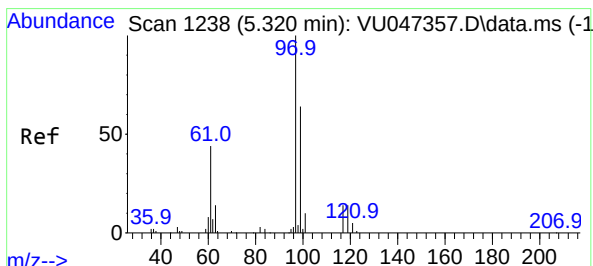
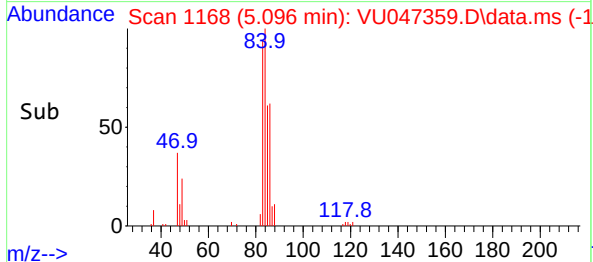
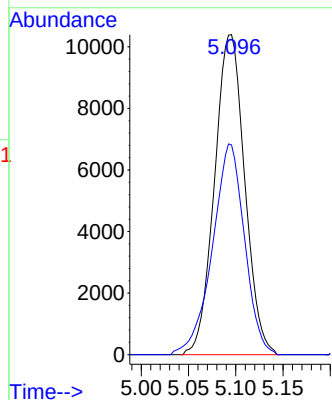
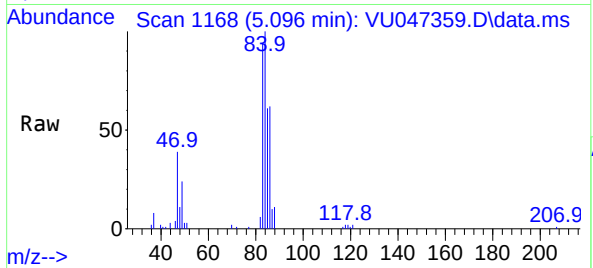




#25
Chloroform
Concen: 1.194 ug/L
RT: 5.096 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

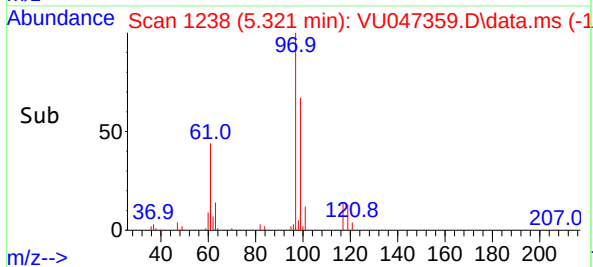
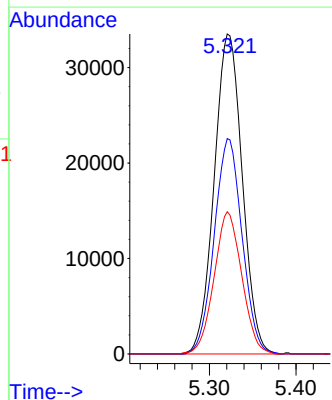
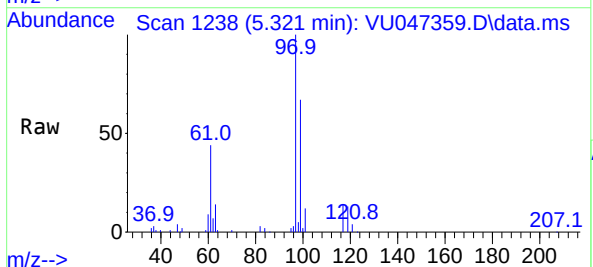
Instrument :
MSVOA_U
ClientSampleId :
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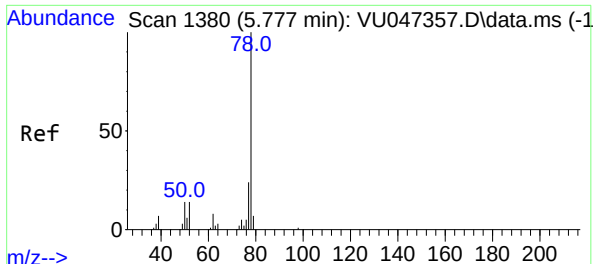
Tgt Ion: 83 Resp: 23131
Ion Ratio Lower Upper
83 100
85 65.5 46.9 87.1



#29
1,1,1-Trichloroethane
Concen: 4.831 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 97 Resp: 75551
Ion Ratio Lower Upper
97 100
99 66.8 51.3 76.9
61 43.7 36.1 54.1

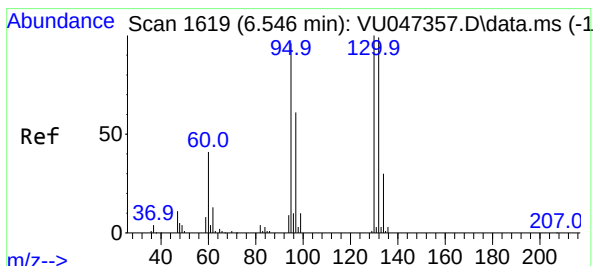
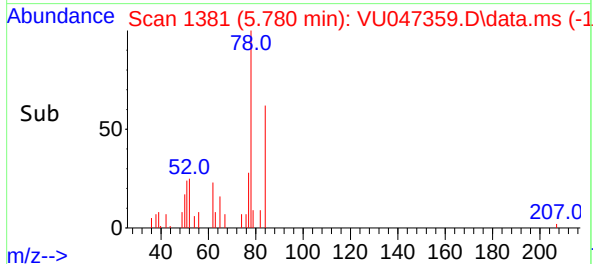
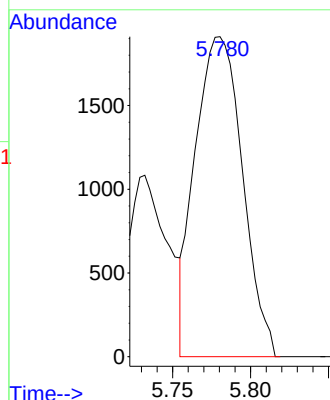
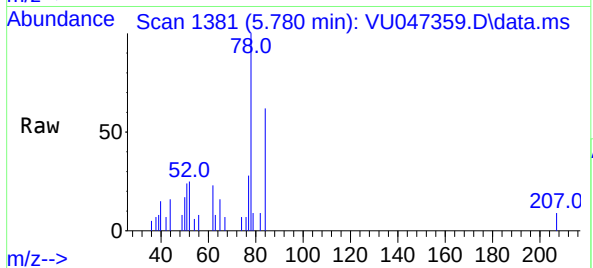




#33
Benzene
Concen: 0.096 ug/L
RT: 5.780 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFY17

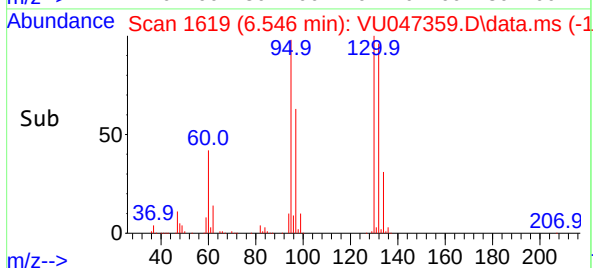
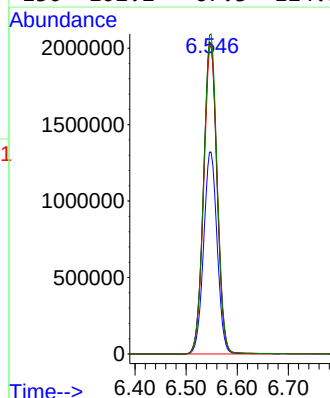
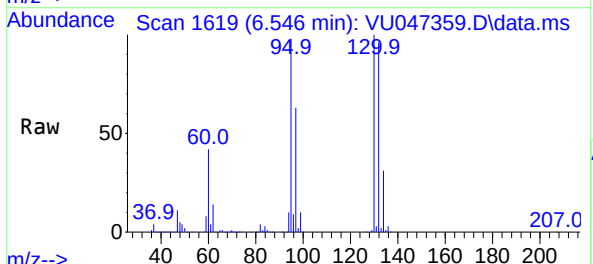
Tgt Ion: 78 Resp: 4020

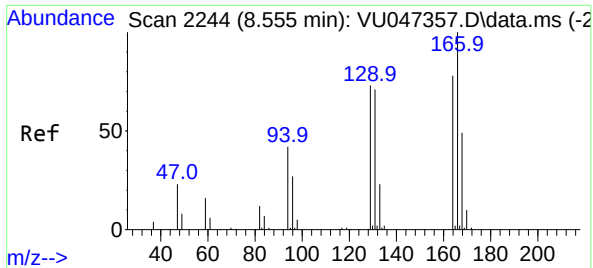


#34
Trichloroethene
Concen: 340.178 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 95 Resp: 3757537

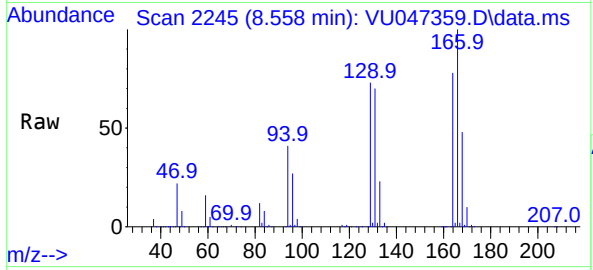
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.5
132	98.0	65.1	120.9
130	102.2	67.3	124.9





#47
 Tetrachloroethene
 Concen: 162.182 ug/L
 RT: 8.558 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU047359.D
 Acq: 07 Mar 2022 11:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17



Tgt Ion:164 Resp: 1526088

Ion	Ratio	Lower	Upper
164	100		
129	93.3	71.8	133.4
131	90.2	68.5	127.3
166	128.2	94.1	174.8

