

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047397.D
 Acq On : 08 Mar 2022 17:45
 Operator : SY/MD
 Sample : N1840-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY21DL

Quant Time: Mar 09 03:05:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

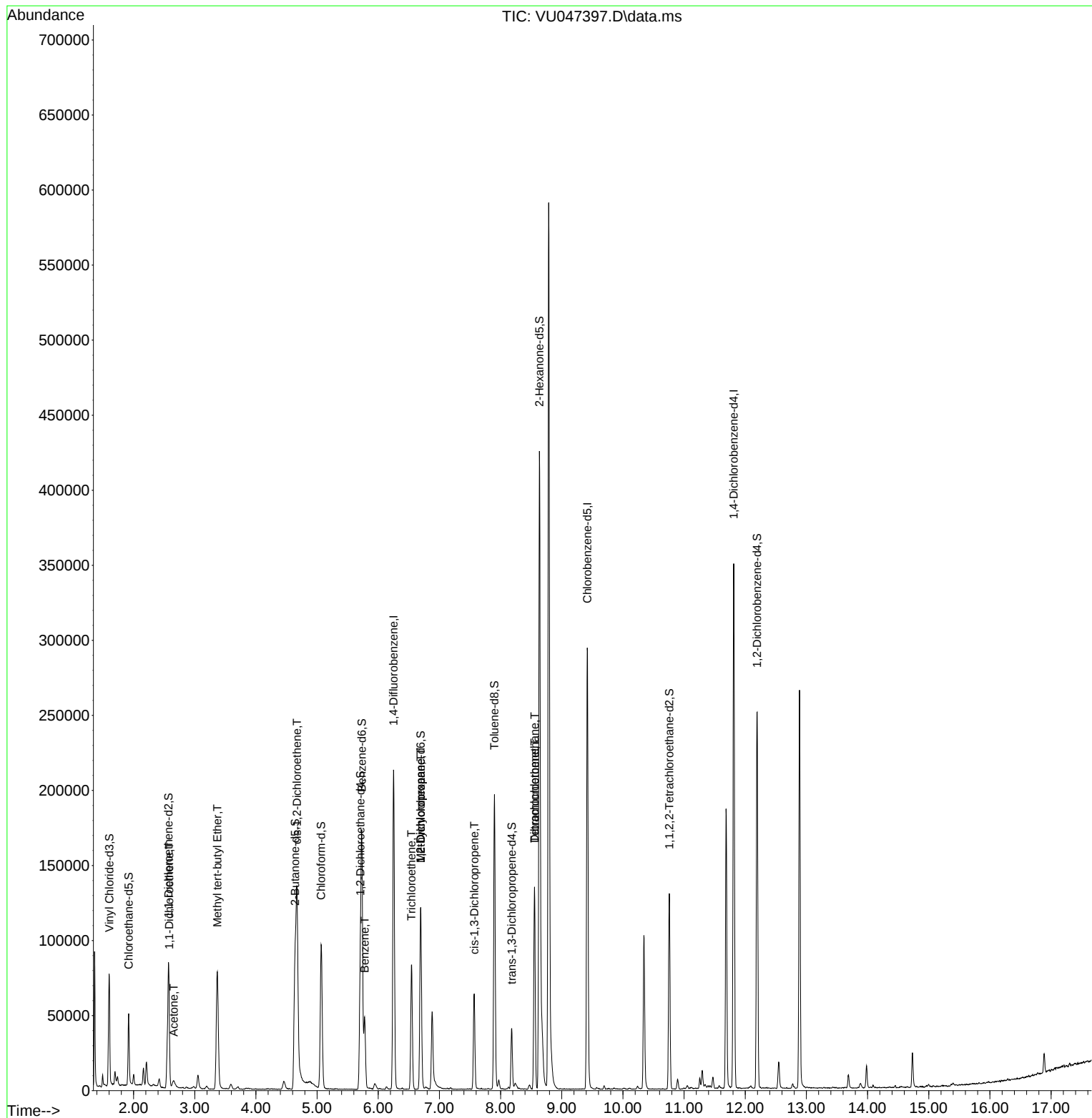
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	182584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175264	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31076	2.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.000%
7) Chloroethane-d5	1.919	69	34778	3.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.400%#
11) 1,1-Dichloroethene-d2	2.571	65	13674	2.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.000%#
20) 2-Butanone-d5	4.639	46	182361	42.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.720%
24) Chloroform-d	5.066	84	90124	3.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.706	65	53948	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.732	84	162021	3.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.600%#
36) 1,2-Dichloropropane-d6	6.693	67	59704	3.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.899	98	136955	2.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.800%#
43) trans-1,3-Dichloroprop...	8.182	79	23543	3.485	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.635	63	176977	46.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	65106	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	70204	3.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.600%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	1317	0.147	ug/L #	1
13) Acetone	2.658	43	8472	4.933	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	92378	3.855	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	52719	4.983	ug/L	95
33) Benzene	5.777	78	45397	1.148	ug/L	100
34) Trichloroethene	6.542	95	27099	2.607	ug/L	93
35) Methylcyclohexane	6.693	83	14037	0.881	ug/L #	23
37) 1,2-Dichloropropane	6.693	63	6142	0.626	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1479	0.095	ug/L #	64
47) Tetrachloroethene	8.555	164	31146	3.517	ug/L	92
49) Dibromochloromethane	8.555	129	28837	2.889	ug/L #	10

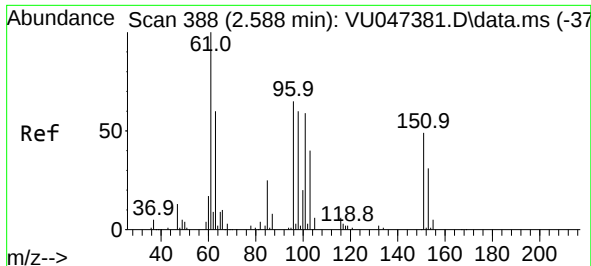
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.581 min Scan# 388

Delta R.T. -0.006 min

Lab File: VU047397.D

Acq: 08 Mar 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

BFY21DL

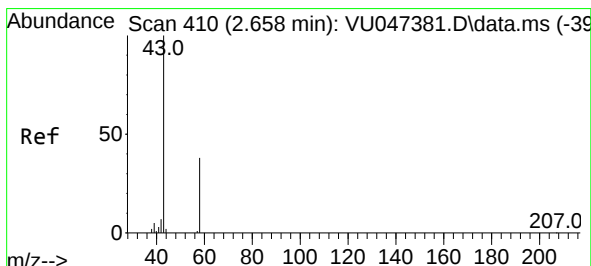
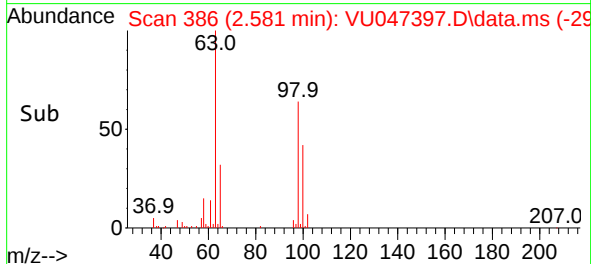
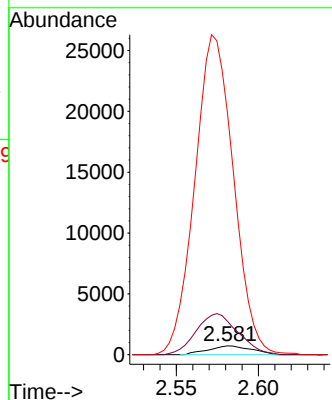
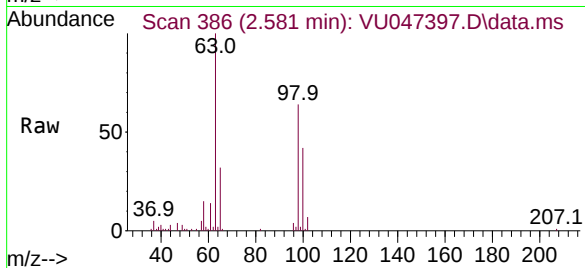
Tgt Ion: 96 Resp: 1317

Ion Ratio Lower Upper

96 100

61 378.1 124.7 231.5#

63 2743.8 105.2 195.4#



#13

Acetone

Concen: 4.933 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.000 min

Lab File: VU047397.D

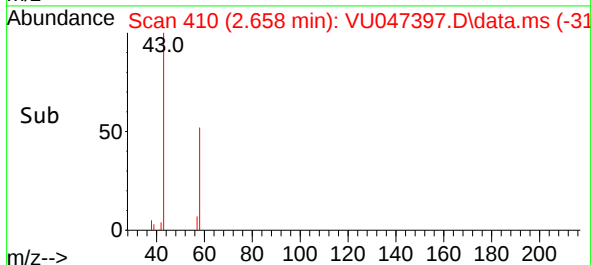
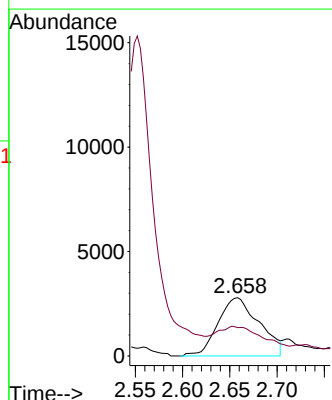
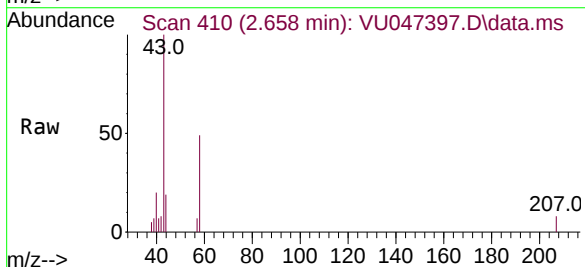
Acq: 08 Mar 2022 17:45

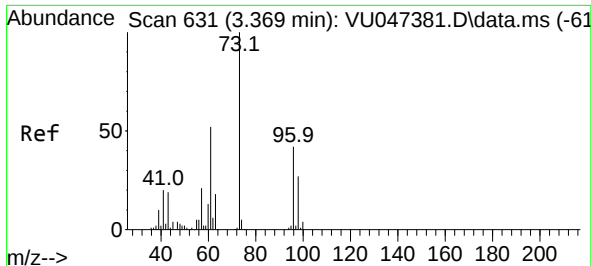
Tgt Ion: 43 Resp: 8472

Ion Ratio Lower Upper

43 100

58 40.2 0.0 71.6

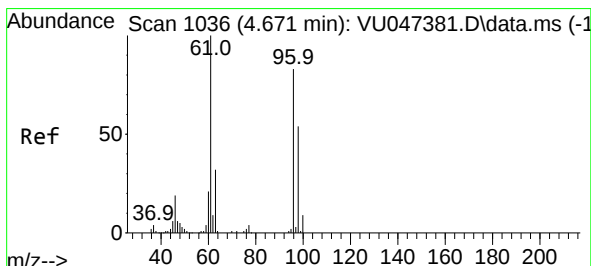
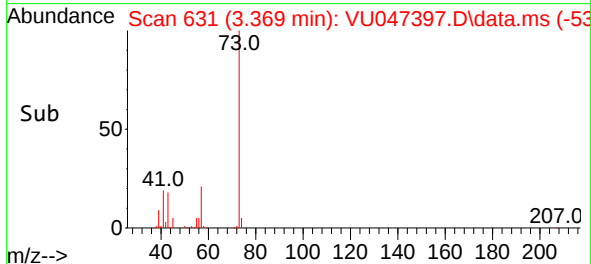
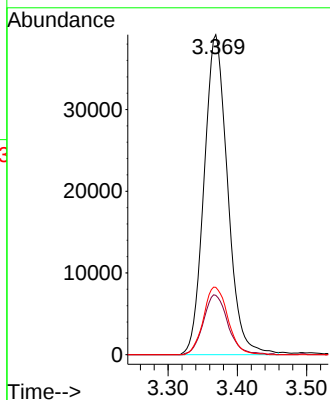
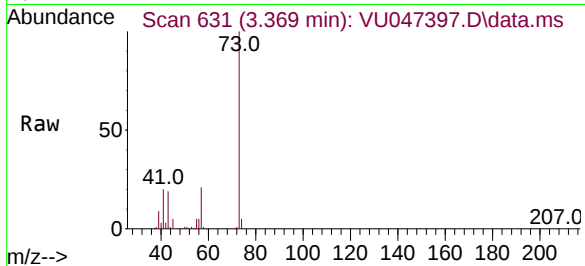




#17
Methyl tert-butyl Ether
Concen: 3.855 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

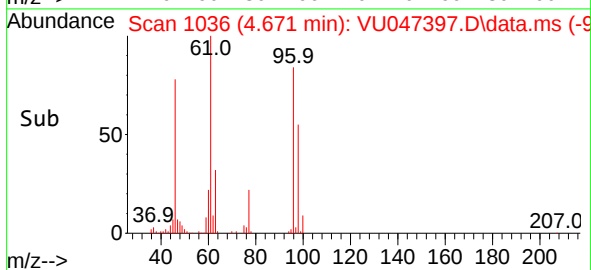
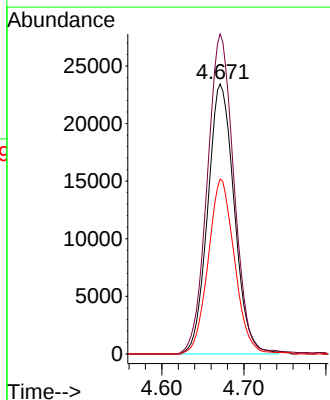
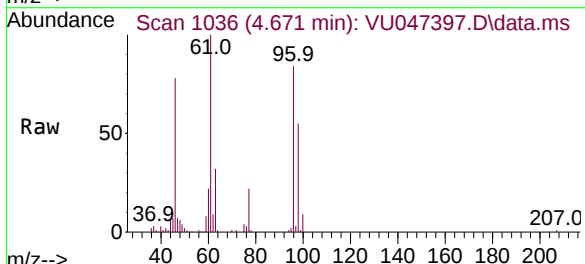
Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

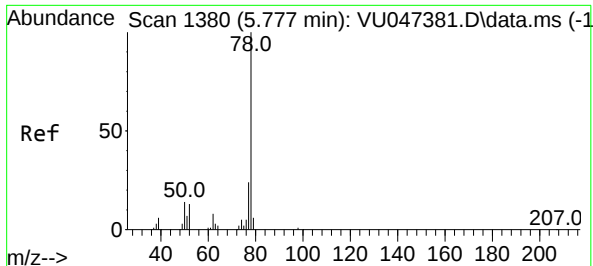
Tgt Ion: 73 Resp: 92378
Ion Ratio Lower Upper
73 100
43 19.5 14.8 22.2
57 21.9 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 4.983 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Tgt Ion: 96 Resp: 52719
Ion Ratio Lower Upper
96 100
61 118.6 88.5 164.3
98 64.8 44.4 82.5

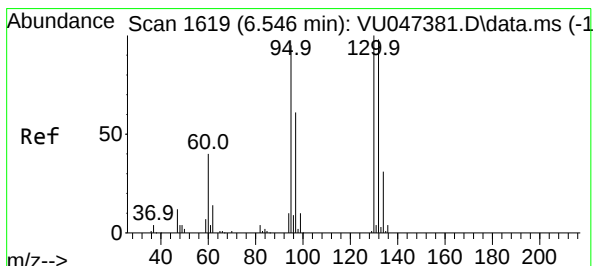
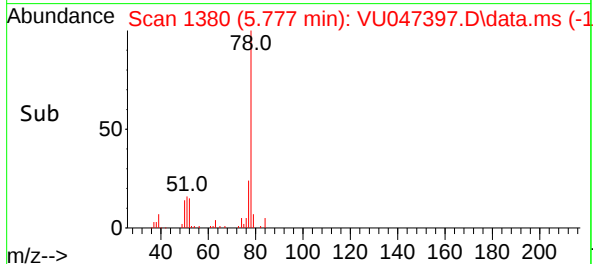
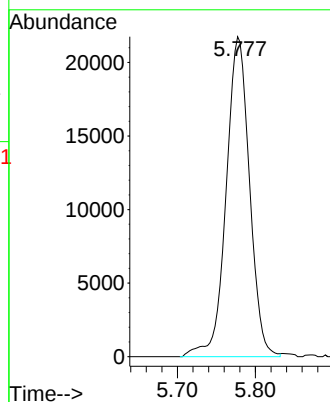
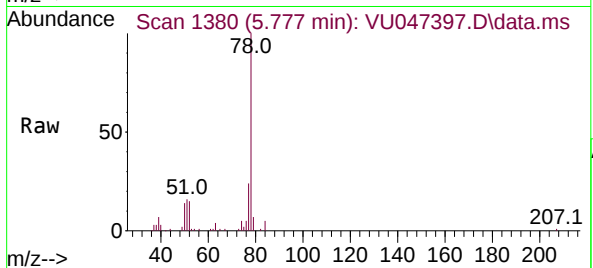




#33
Benzene
Concen: 1.148 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

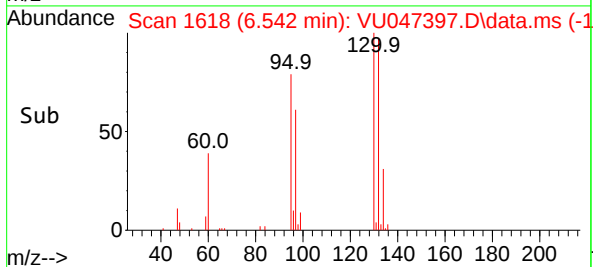
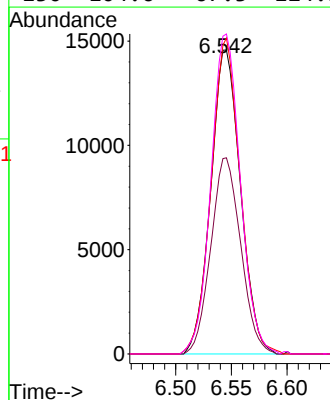
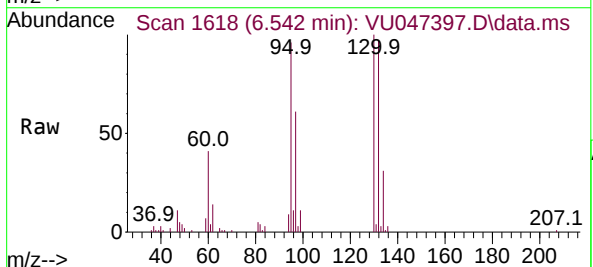
Tgt Ion: 78 Resp: 45397

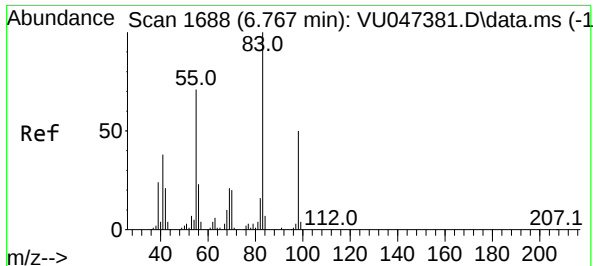


#34
Trichloroethene
Concen: 2.607 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047397.D
Acq: 08 Mar 2022 17:45

Tgt Ion: 95 Resp: 27099

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.5
132	101.6	65.1	120.9
130	104.6	67.3	124.9





#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047397.D

Acq: 08 Mar 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

BFY21DL

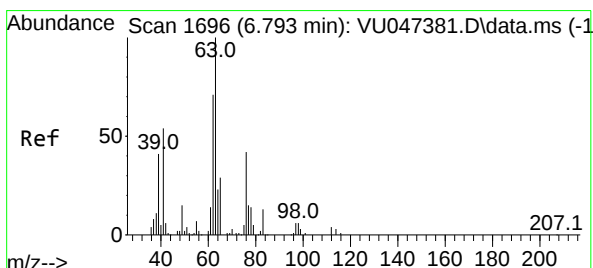
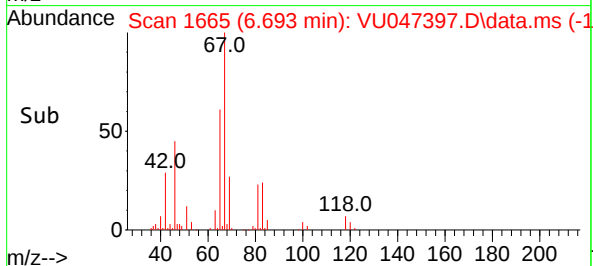
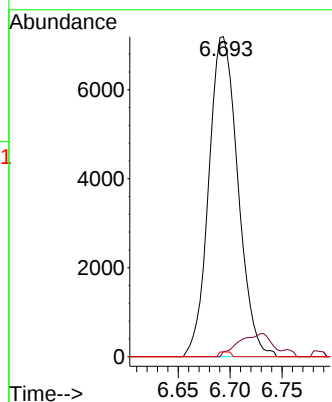
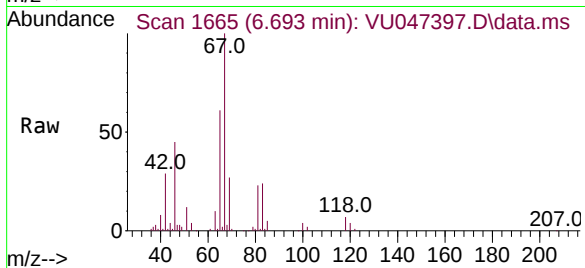
Tgt Ion: 83 Resp: 14037

Ion Ratio Lower Upper

83 100

55 8.0 61.9 92.9#

98 0.6 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047397.D

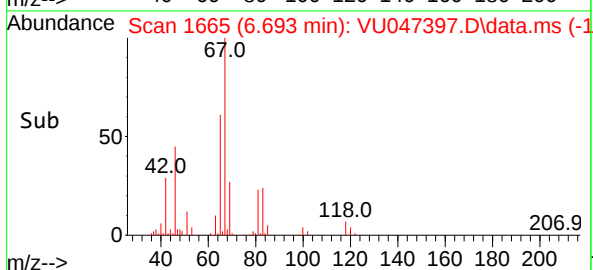
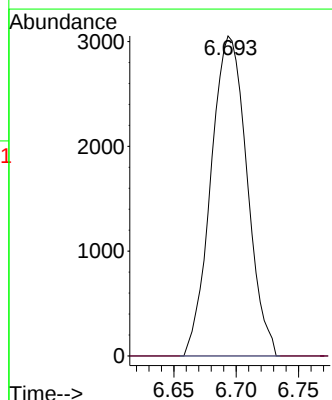
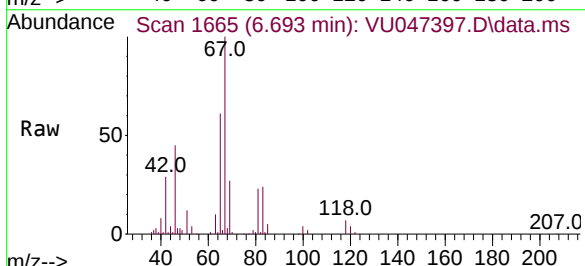
Acq: 08 Mar 2022 17:45

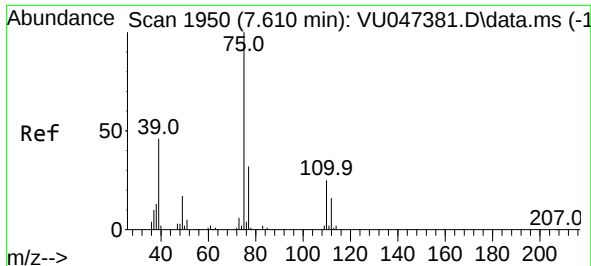
Tgt Ion: 63 Resp: 6142

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU047397.D

Acq: 08 Mar 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

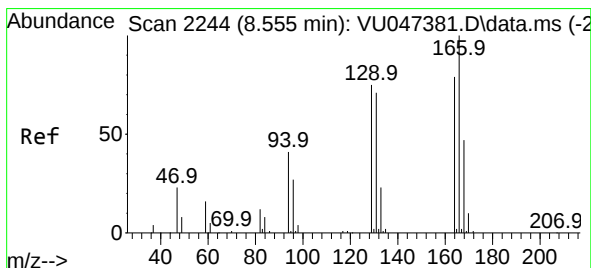
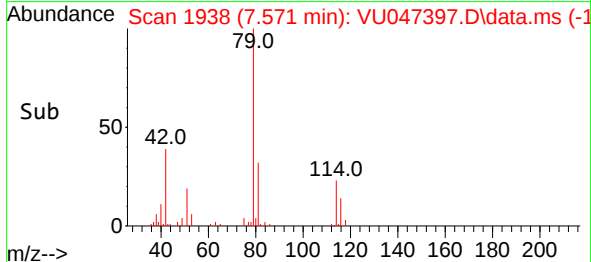
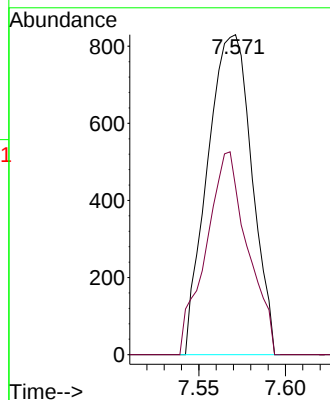
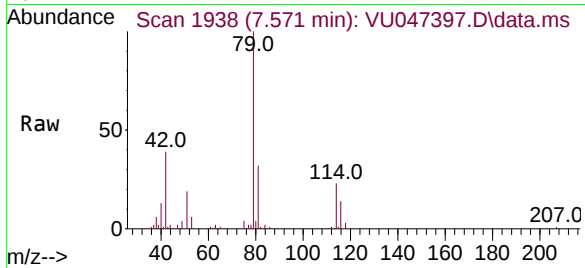
BFY21DL

Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

77 52.4 22.5 41.9#



#47

Tetrachloroethene

Concen: 3.517 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047397.D

Acq: 08 Mar 2022 17:45

Tgt Ion: 164 Resp: 31146

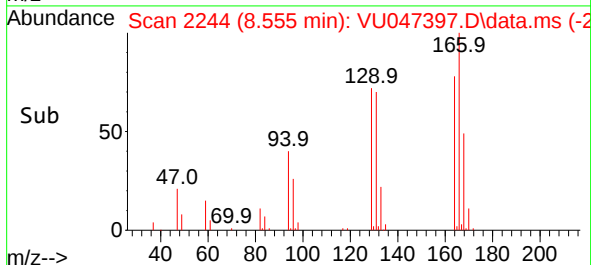
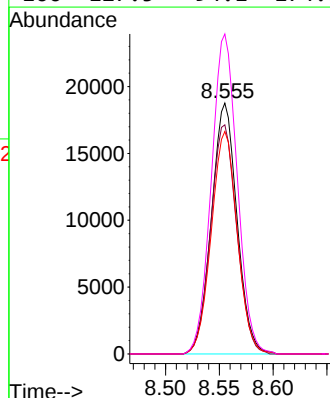
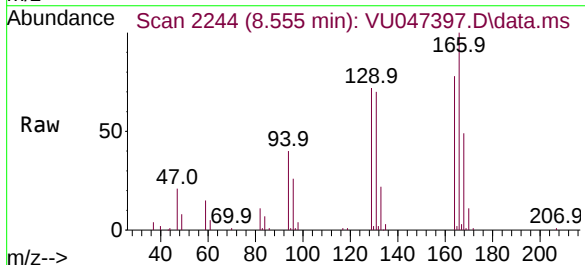
Ion Ratio Lower Upper

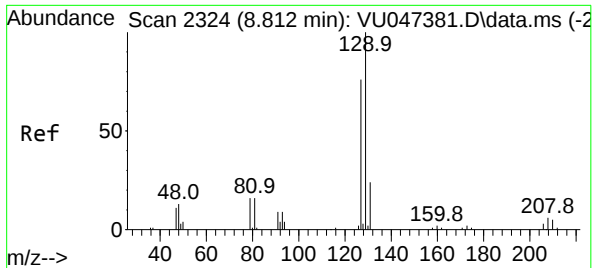
164 100

129 91.3 71.8 133.4

131 88.7 68.5 127.3

166 127.5 94.1 174.8





#49
 Dibromochloromethane
 Concen: 2.889 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU047397.D
 Acq: 08 Mar 2022 17:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY21DL

Tgt Ion:129 Resp: 28837
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

