

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046939.D
 Acq On : 01 Feb 2022 00:23
 Operator : SY/MD
 Sample : N1328-12DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

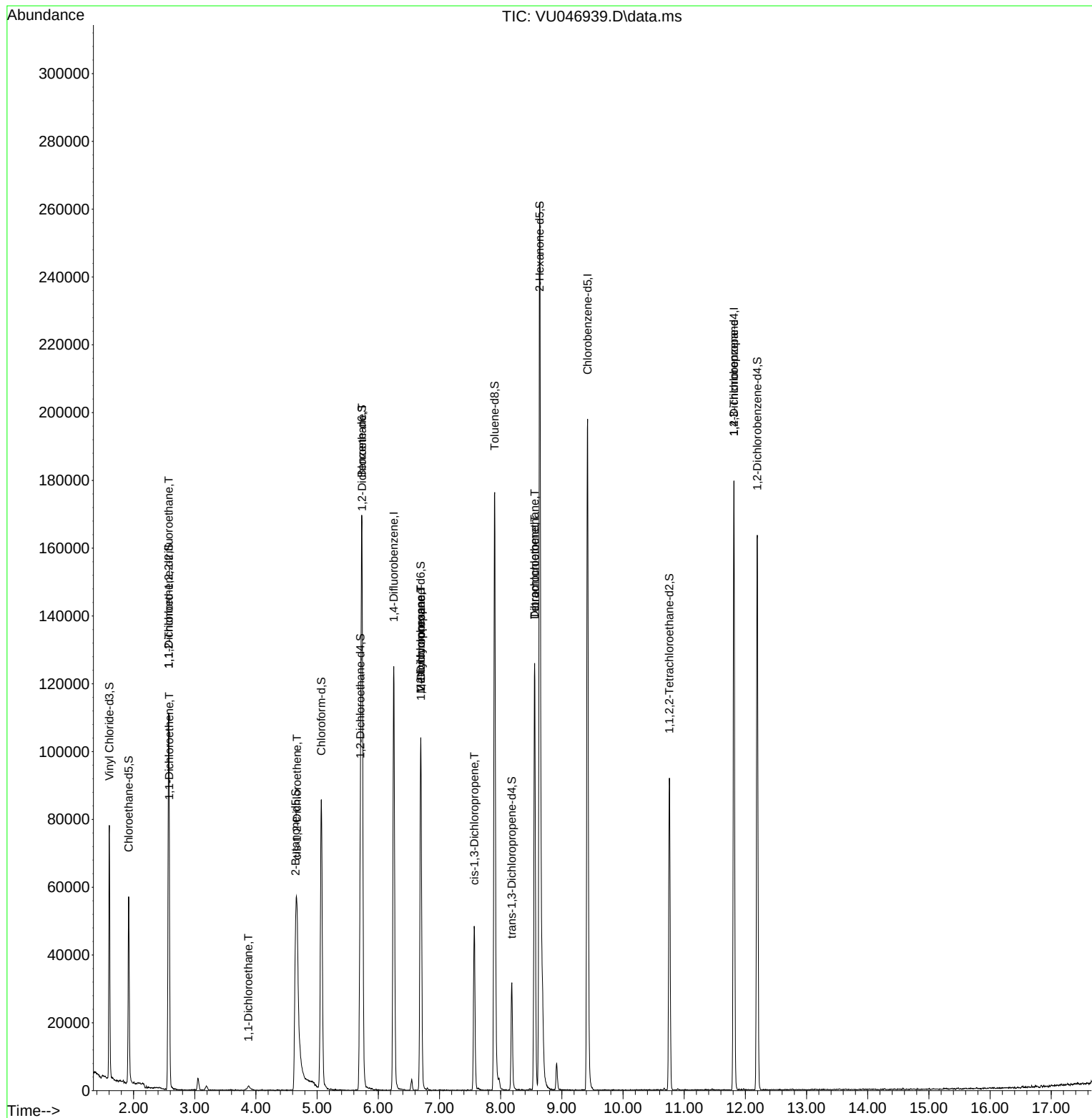
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48421	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54640	6.242	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.800%
7) Chloroethane-d5	1.919	69	42140	6.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	2.575	65	21111	6.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.200%
20) 2-Butanone-d5	4.649	46	118353	45.640	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.280%
24) Chloroform-d	5.070	84	81258	5.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.707	65	45928	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.732	84	163240	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.694	67	52092	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.899	98	125869	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.182	79	18753	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.639	63	111754	41.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49088	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43185	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	605	0.100	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	846	0.147	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	1336	0.127	ug/L #	89
22) cis-1,2-Dichloroethene	4.671	96	10574	1.604	ug/L	90
27) 1,2-Dichloroethane	5.735	62	705	0.096	ug/L #	73
35) Methylcyclohexane	6.694	83	11586	0.958	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5437	0.797	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1139	0.107	ug/L #	65
47) Tetrachloroethene	8.555	164	28896	4.920	ug/L	99
49) Dibromochloromethane	8.555	129	28543	4.168	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5767	1.406	ug/L #	65

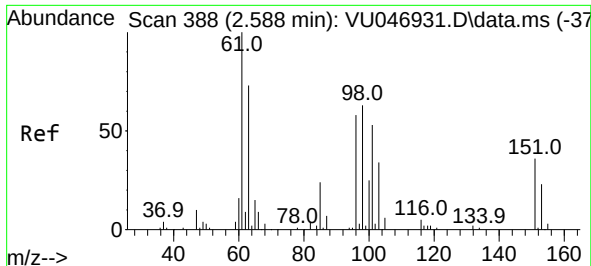
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.100 ug/L

RT: 2.575 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU046939.D

Acq: 01 Feb 2022 00:23

Instrument :

MSVOA_U

ClientSampleId :

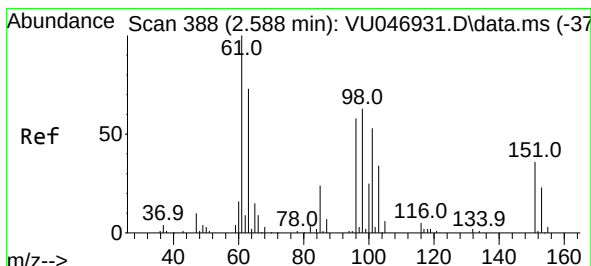
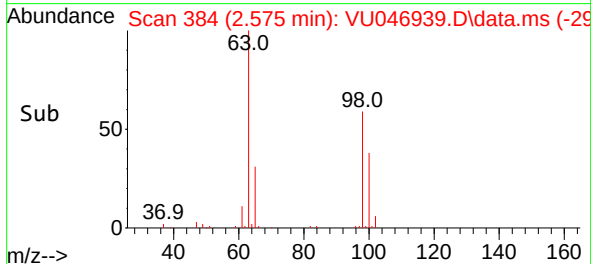
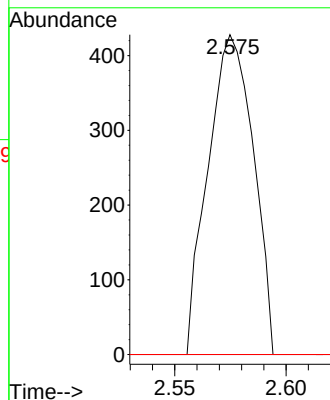
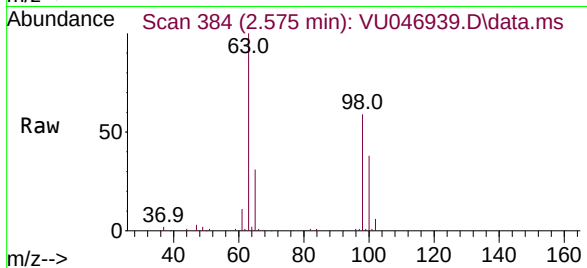
Tgt Ion:101 Resp: 605

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046939.D

Acq: 01 Feb 2022 00:23

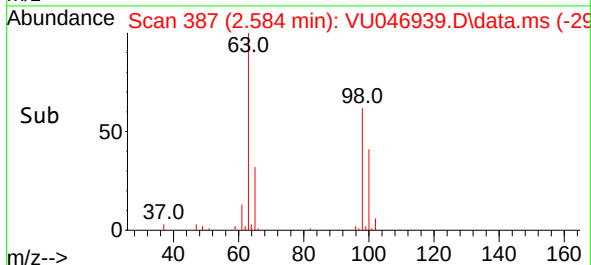
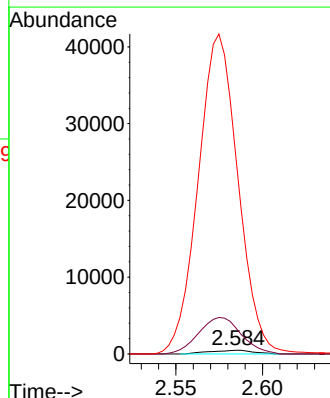
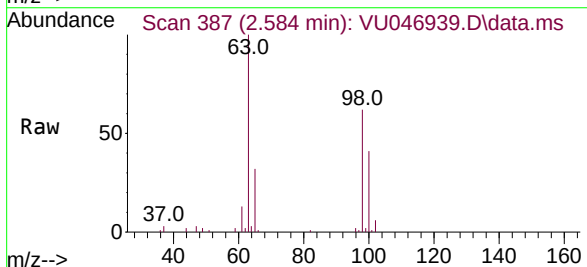
Tgt Ion: 96 Resp: 846

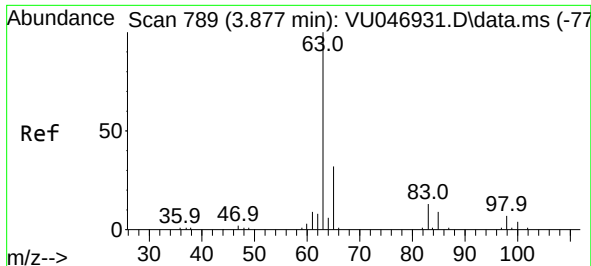
Ion Ratio Lower Upper

96 100

61 701.0 124.7 231.5#

63 5308.4 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.127 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046939.D

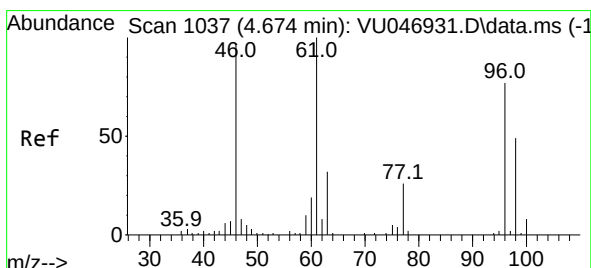
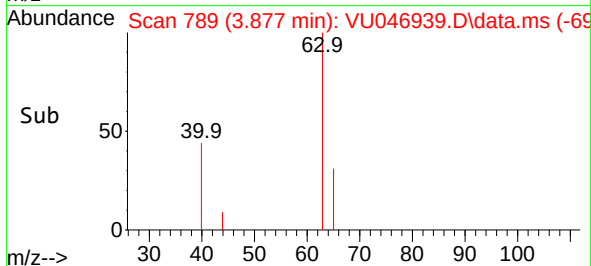
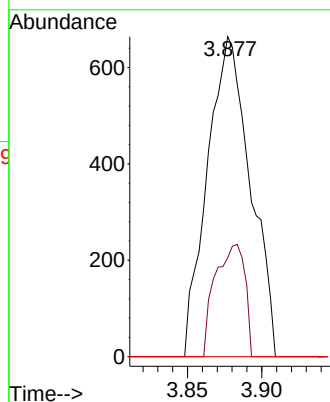
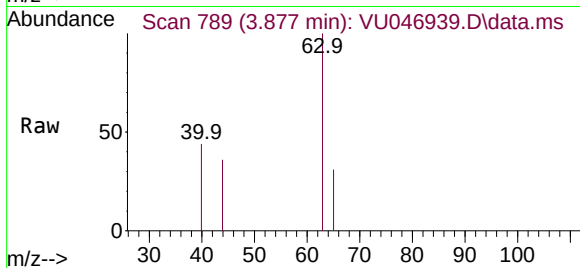
Acq: 01 Feb 2022 00:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 1336
Ion Ratio	Lower Upper
63	100
65	30.9 22.3 41.5
83	0.0 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.604 ug/L

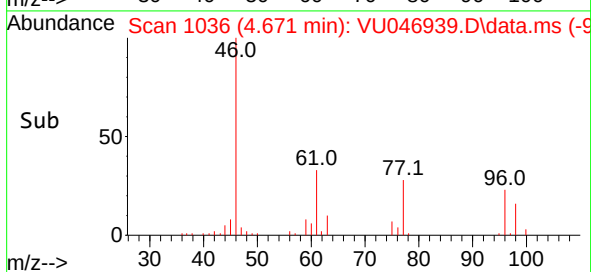
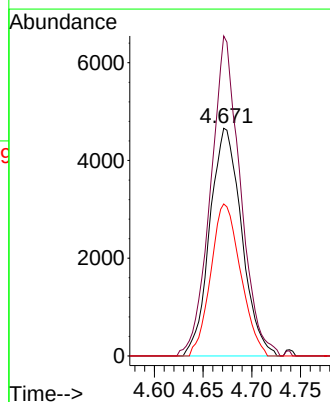
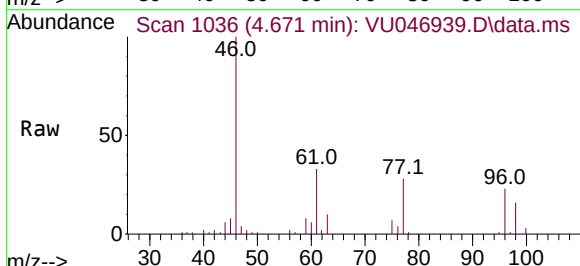
RT: 4.671 min Scan# 1036

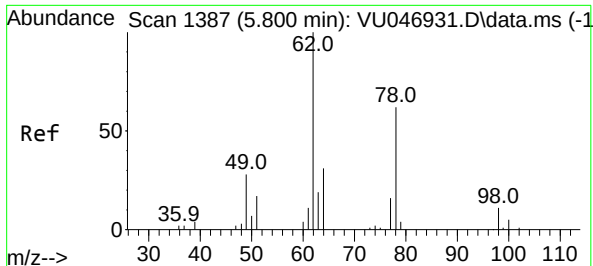
Delta R.T. -0.003 min

Lab File: VU046939.D

Acq: 01 Feb 2022 00:23

Tgt Ion: 96	Resp: 10574
Ion Ratio	Lower Upper
96	100
61	140.5 88.5 164.3
98	66.8 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.735 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046939.D

Acq: 01 Feb 2022 00:23

Instrument :

MSVOA_U

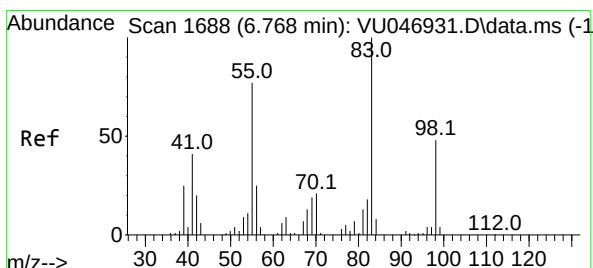
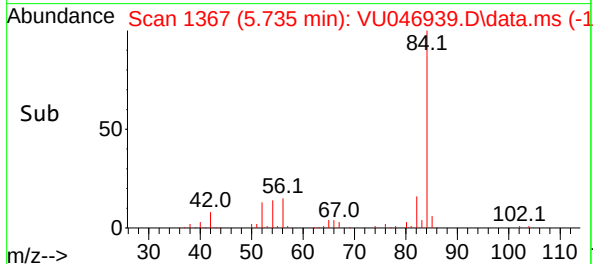
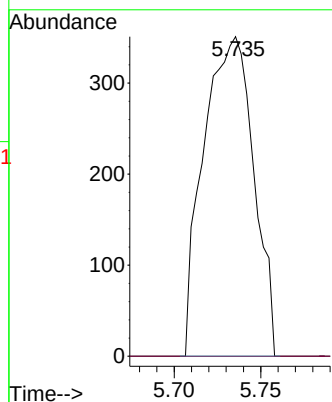
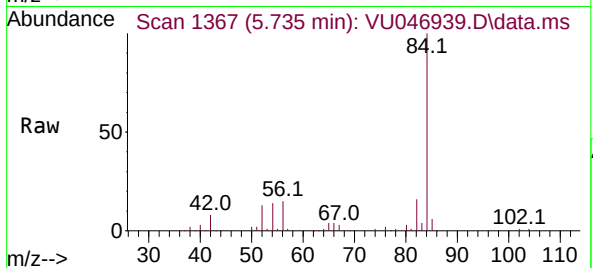
ClientSampleId :

Tgt Ion: 62 Resp: 705

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#35

Methylcyclohexane

Concen: 0.958 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046939.D

Acq: 01 Feb 2022 00:23

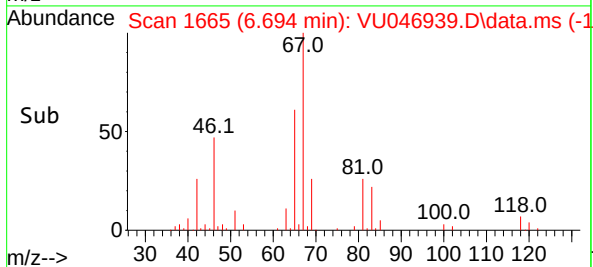
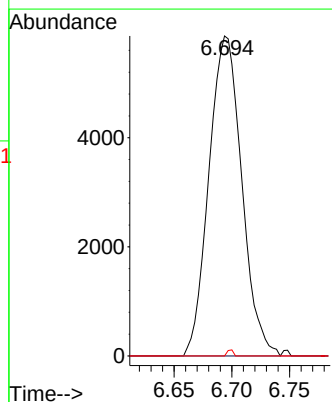
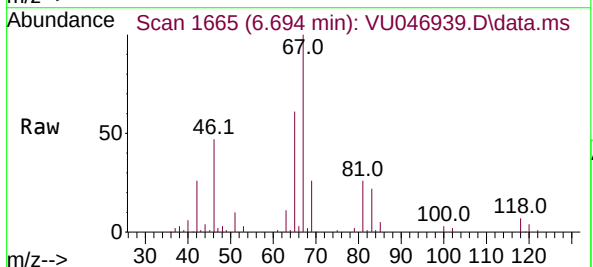
Tgt Ion: 83 Resp: 11586

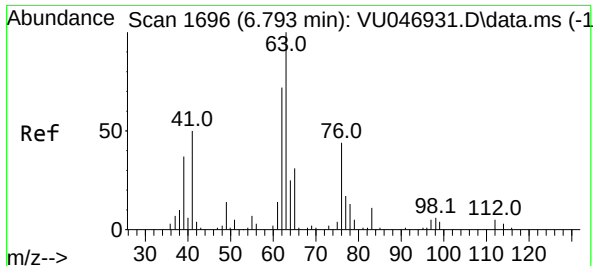
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046939.D

Acq: 01 Feb 2022 00:23

Instrument :

MSVOA_U

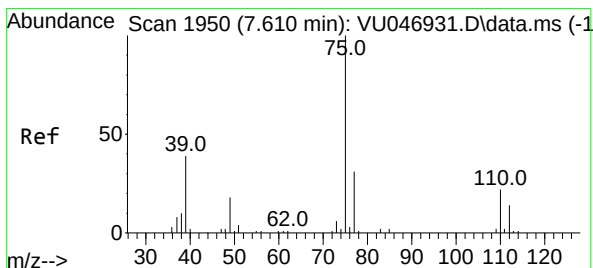
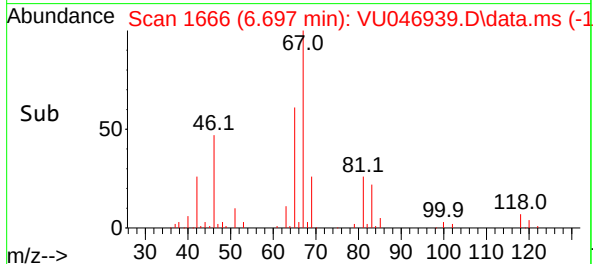
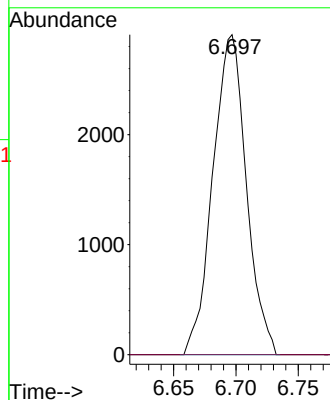
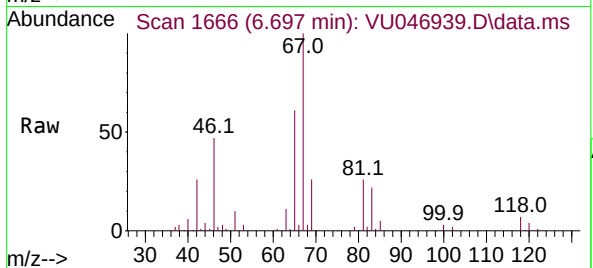
ClientSampleId :

Tgt Ion: 63 Resp: 5437

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046939.D

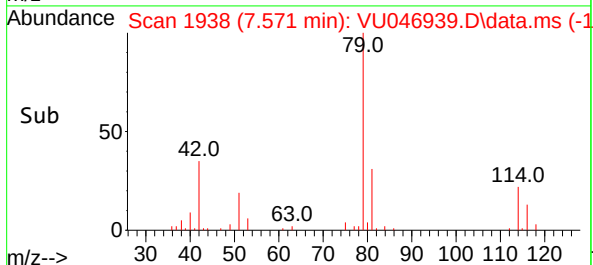
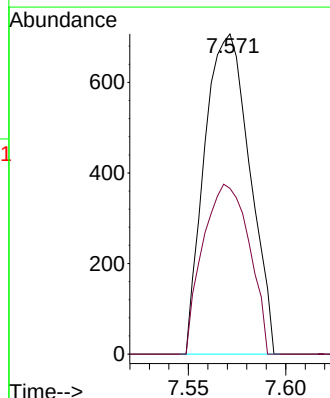
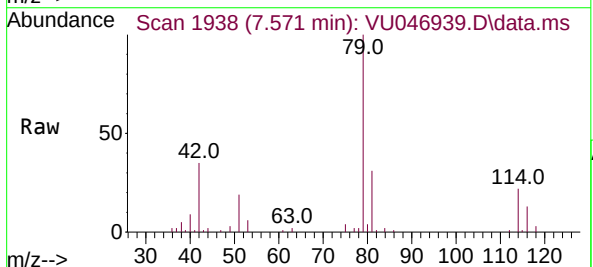
Acq: 01 Feb 2022 00:23

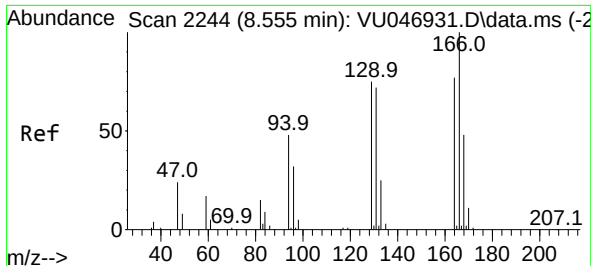
Tgt Ion: 75 Resp: 1139

Ion Ratio Lower Upper

75 100

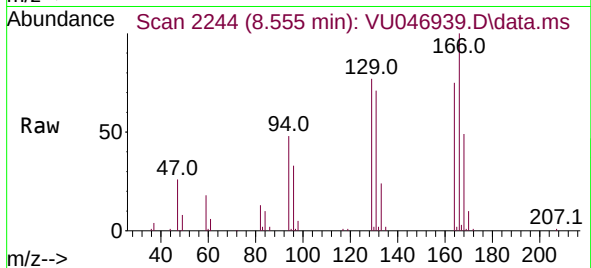
77 51.8 22.5 41.9#



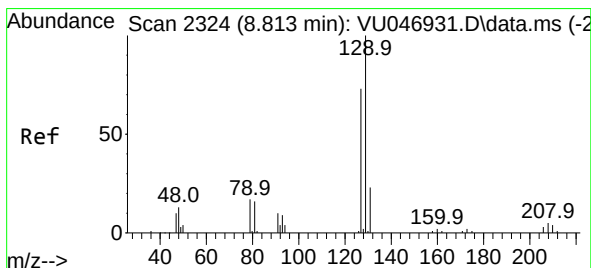
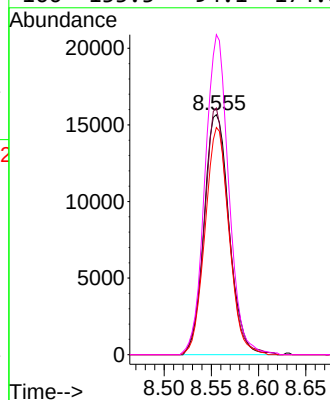
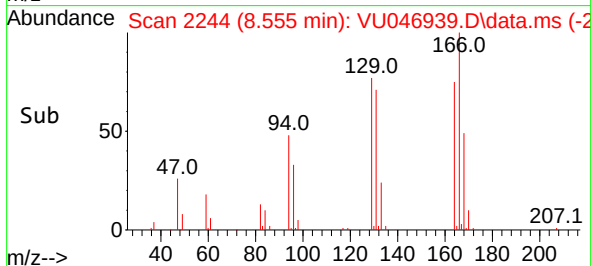


#47
Tetrachloroethene
Concen: 4.920 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046939.D
Acq: 01 Feb 2022 00:23

Instrument :
MSVOA_U
ClientSampleId :

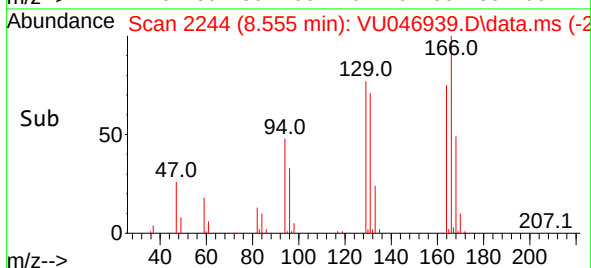
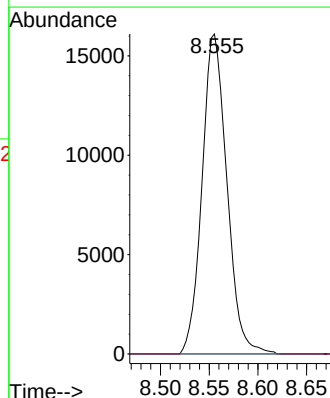
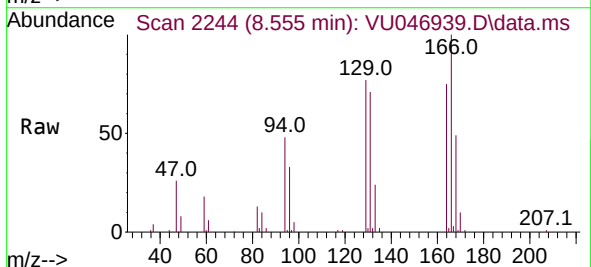


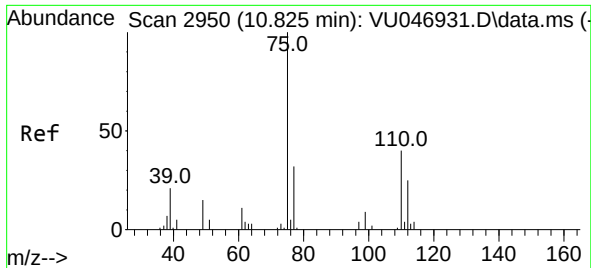
Tgt Ion:164 Resp: 28896
Ion Ratio Lower Upper
164 100
129 102.8 71.8 133.4
131 94.6 68.5 127.3
166 133.3 94.1 174.8



#49
Dibromochloromethane
Concen: 4.168 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046939.D
Acq: 01 Feb 2022 00:23

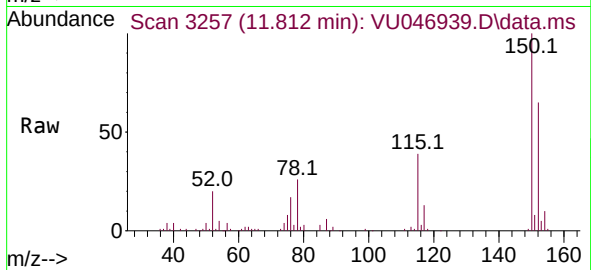
Tgt Ion:129 Resp: 28543
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.406 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046939.D
 Acq: 01 Feb 2022 00:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5767
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 33.6 25.5 38.3

