

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047023.D
 Acq On : 03 Feb 2022 15:49
 Operator : SY/MD
 Sample : N1328-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 05:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95689	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	113576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48074	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39437	4.864	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.919	69	33150	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.571	65	15323	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.629	46	89724	37.353	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.700%
24) Chloroform-d	5.066	84	69098	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.706	65	36421	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.732	84	130232	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.693	67	44556	4.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.902	98	99602	3.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.179	79	14729	3.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.635	63	81949	31.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34970	3.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	37565	4.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%

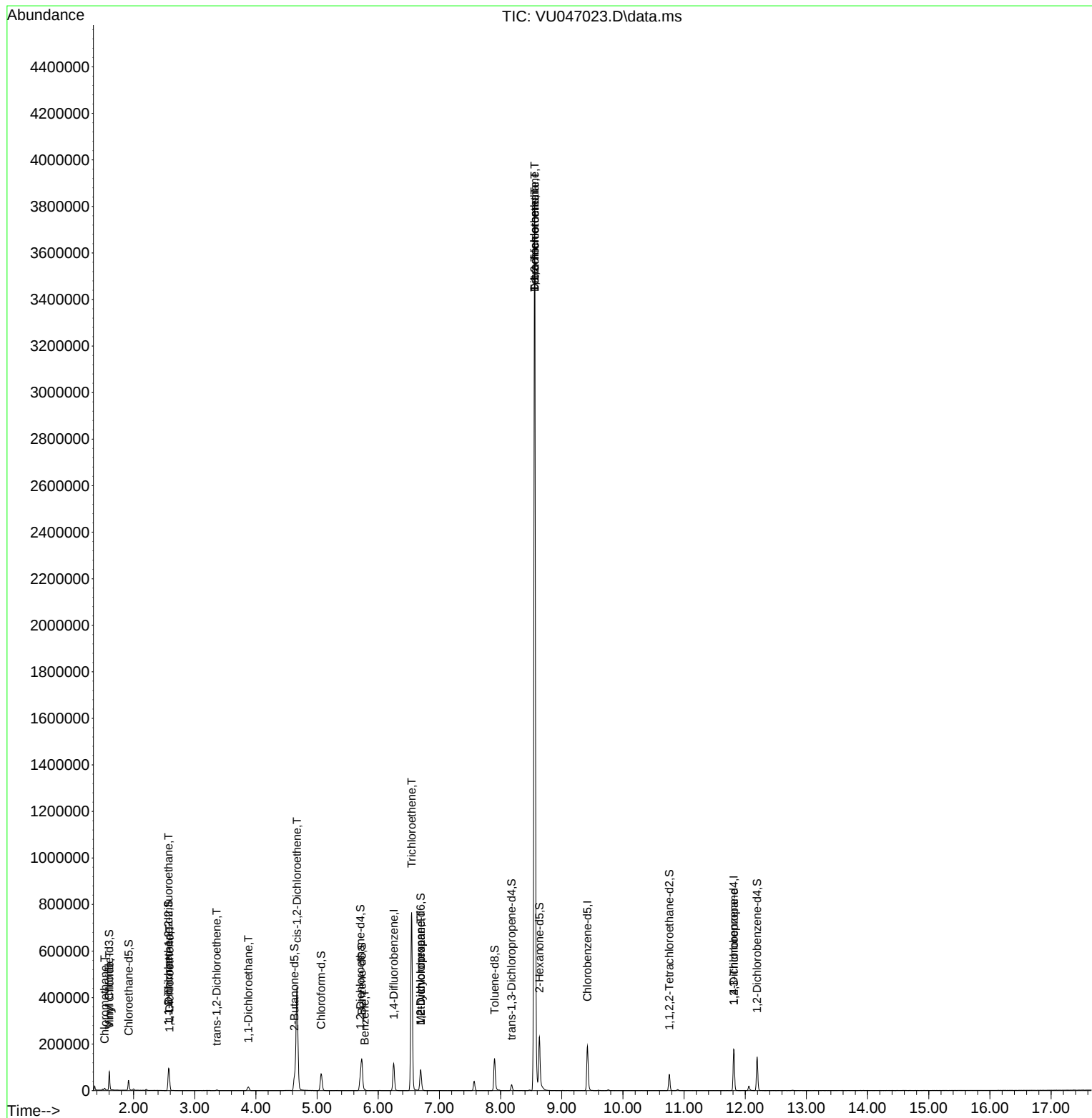
Target Compounds						Qvalue
3) Chloromethane	1.526	50	6740	0.909	ug/L	95
5) Vinyl chloride	1.607	62	10310	1.336	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	335	0.060	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	11112	2.080	ug/L	82
18) trans-1,2-Dichloroethene	3.359	96	662	0.114	ug/L	97
19) 1,1-Dichloroethane	3.877	63	18377	1.892	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	233441	38.239	ug/L	99
33) Benzene	5.780	78	3890	0.145	ug/L	100
34) Trichloroethene	6.546	95	263645	37.974	ug/L	99
35) Methylcyclohexane	6.693	83	10423	0.896	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4238	0.646	ug/L #	88
45) 1,1,2-Trichloroethane	8.555	97	7537	1.351	ug/L #	1
47) Tetrachloroethene	8.555	164	860466	152.388	ug/L	96
49) Dibromochloromethane	8.555	129	852573	129.508	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	5838	1.433	ug/L #	66

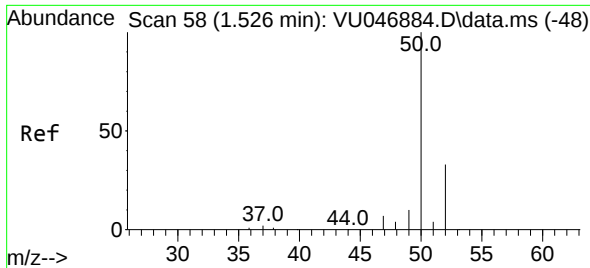
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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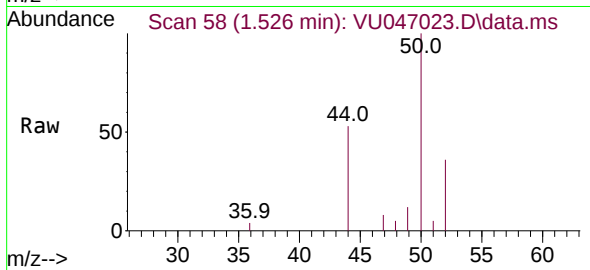
Quant Time: Feb 04 05:47:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
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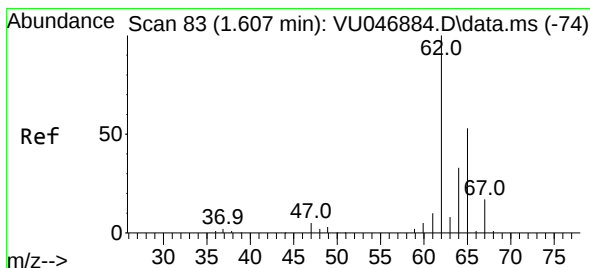
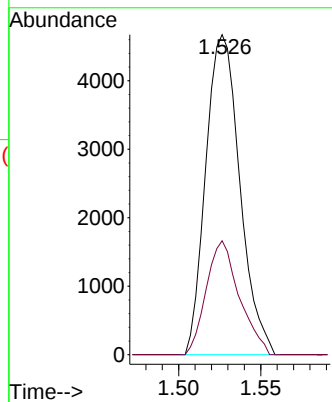
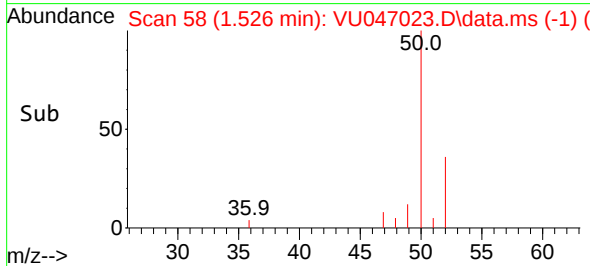


#3
Chloromethane
Concen: 0.909 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

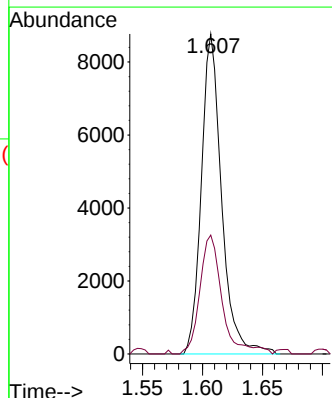
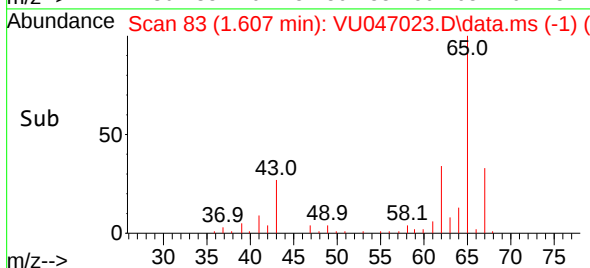
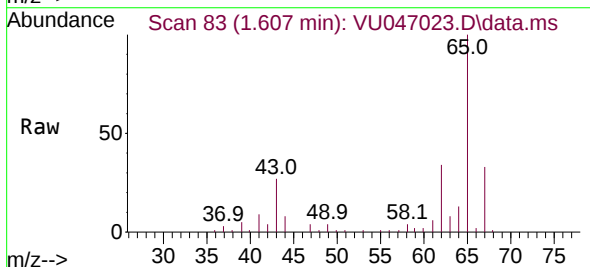


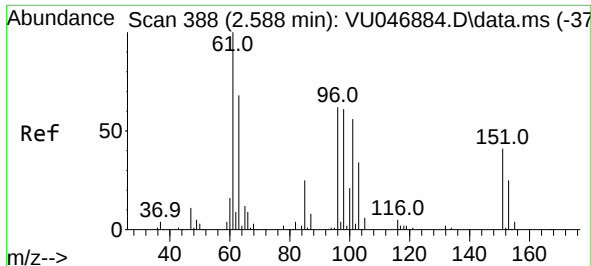
Tgt Ion: 50 Resp: 6740
Ion Ratio Lower Upper
50 100
52 35.6 23.0 42.8



#5
Vinyl chloride
Concen: 1.336 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49

Tgt Ion: 62 Resp: 10310
Ion Ratio Lower Upper
62 100
64 37.2 22.9 42.5

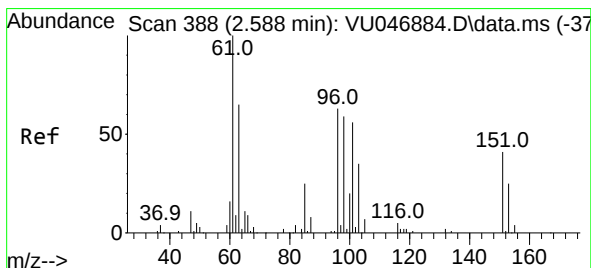
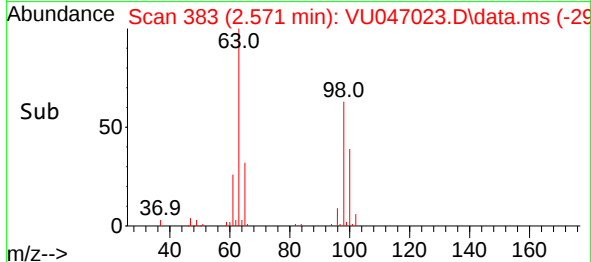
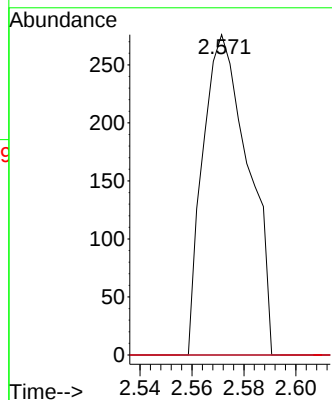
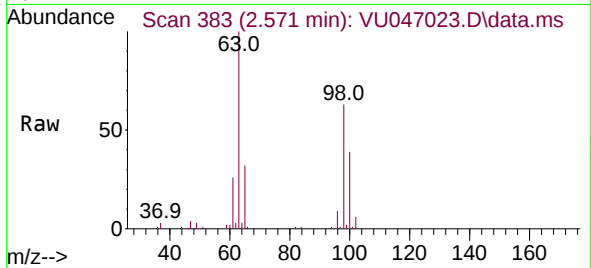




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.020 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49

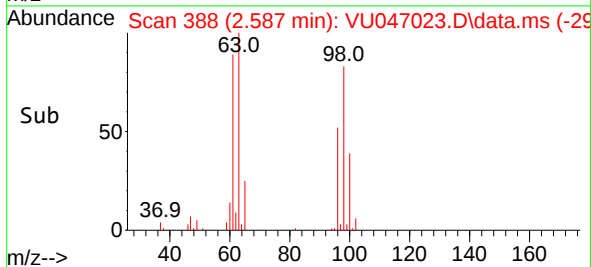
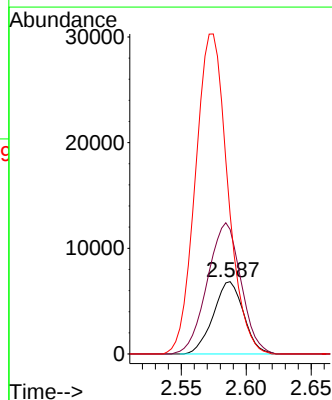
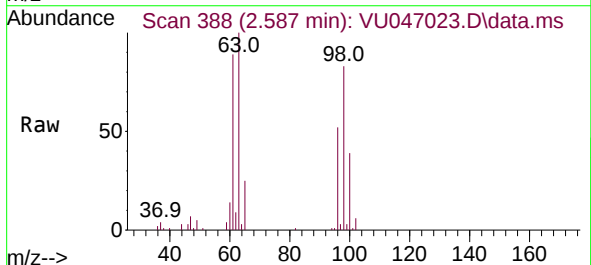
Instrument :
MSVOA_U
ClientSampleId :

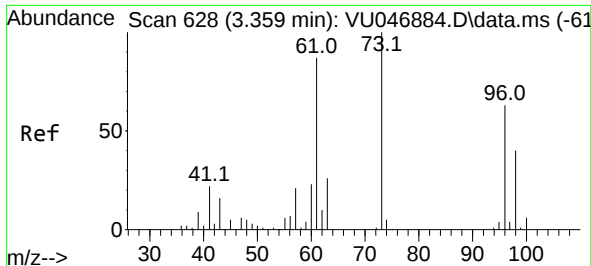
Tgt Ion:101 Resp: 335
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 2.080 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49

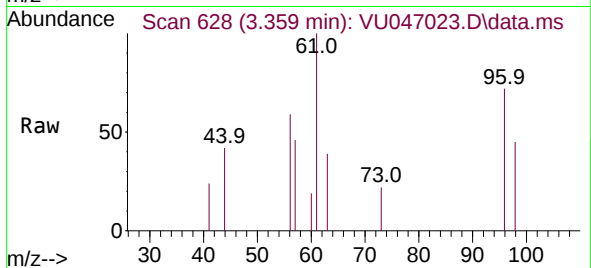
Tgt Ion: 96 Resp: 11112
Ion Ratio Lower Upper
96 100
61 172.3 124.7 231.5
63 193.1 105.2 195.4





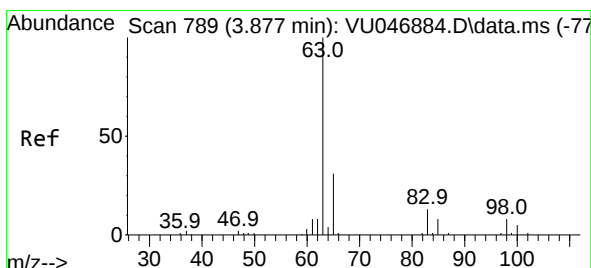
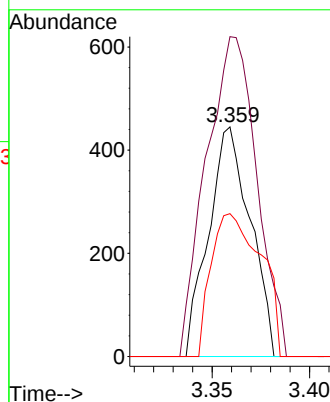
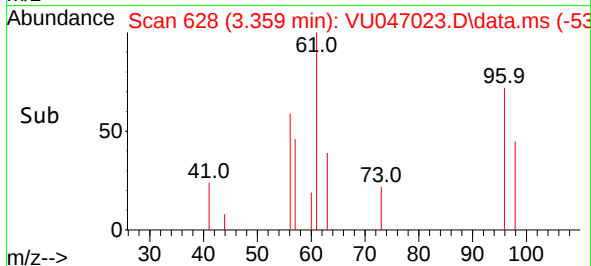
#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :

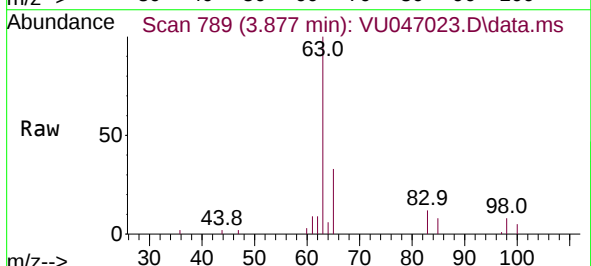


Tgt Ion: 96 Resp: 662

Ion	Ratio	Lower	Upper
96	100		
61	139.3	100.8	187.2
98	62.2	45.1	83.7

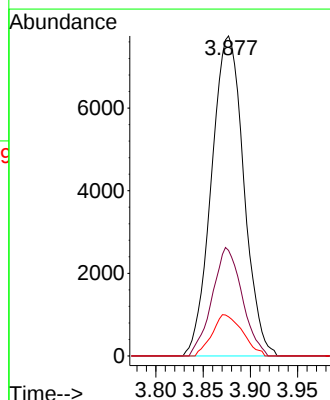
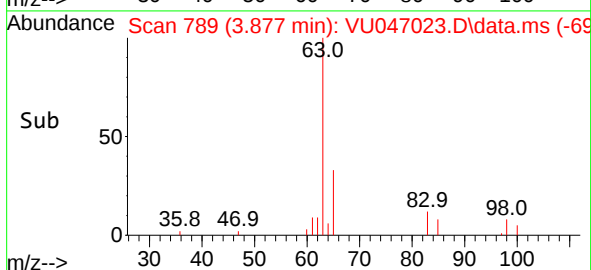


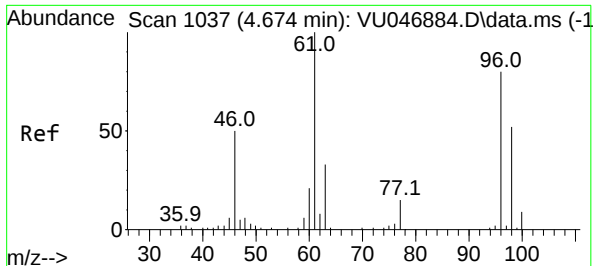
#19
1,1-Dichloroethane
Concen: 1.892 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49



Tgt Ion: 63 Resp: 18377

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.3	41.5
83	12.2	9.6	17.8





#22

cis-1,2-Dichloroethene

Concen: 38.239 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047023.D

Acq: 03 Feb 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

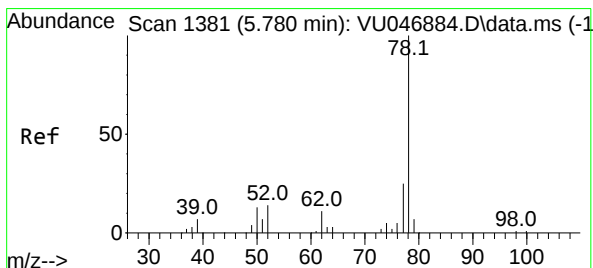
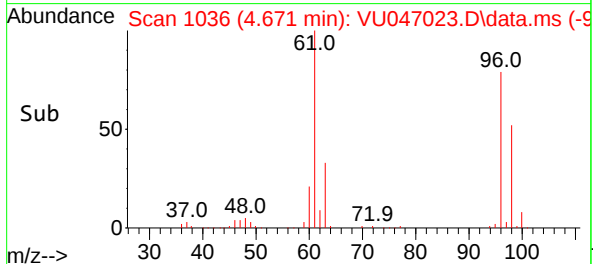
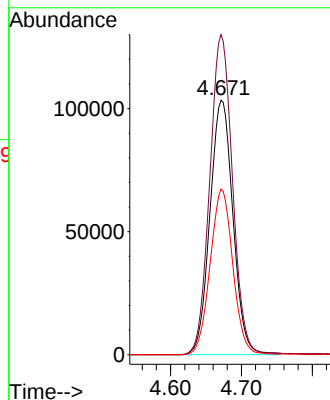
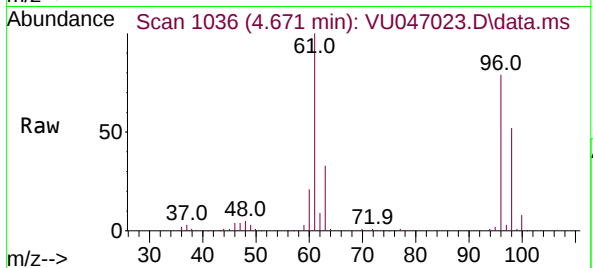
Tgt Ion: 96 Resp: 233441

Ion Ratio Lower Upper

96 100

61 125.8 88.5 164.3

98 65.1 44.4 82.5



#33

Benzene

Concen: 0.145 ug/L

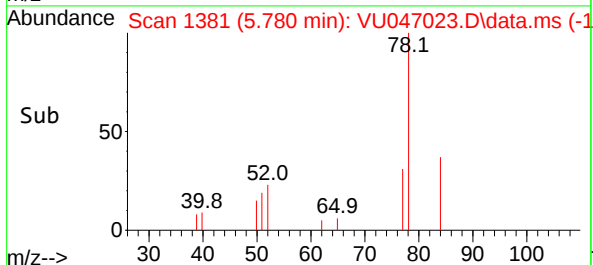
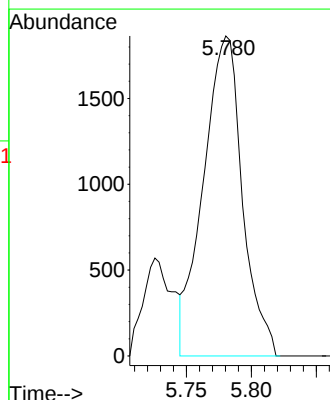
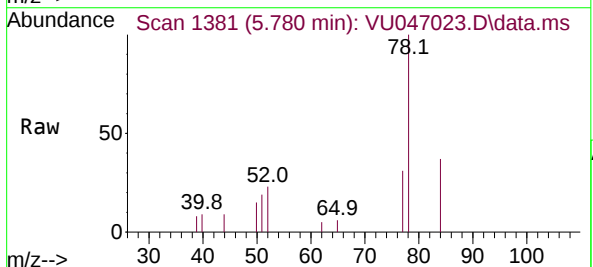
RT: 5.780 min Scan# 1381

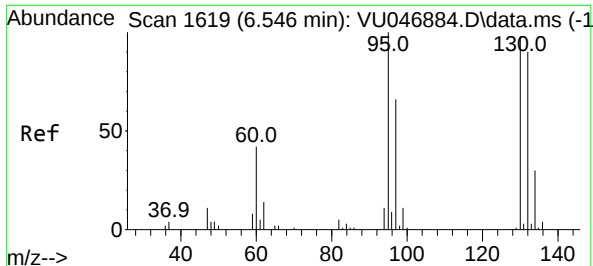
Delta R.T. -0.000 min

Lab File: VU047023.D

Acq: 03 Feb 2022 15:49

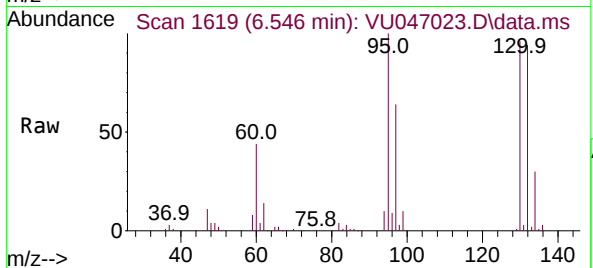
Tgt Ion: 78 Resp: 3890



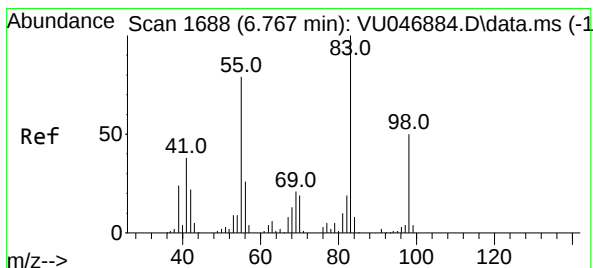
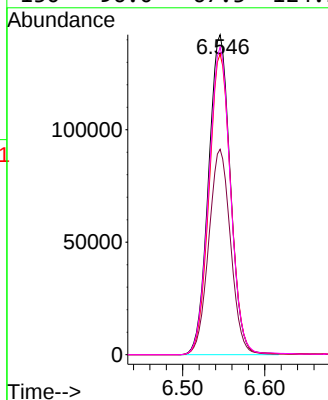
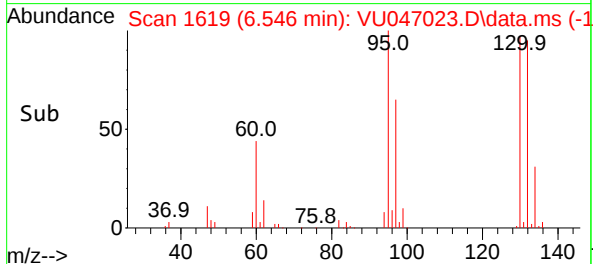


#34
Trichloroethene
Concen: 37.974 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49

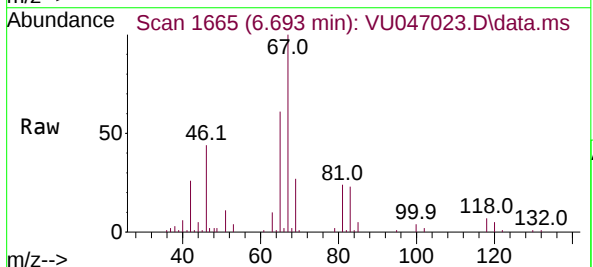
Instrument :
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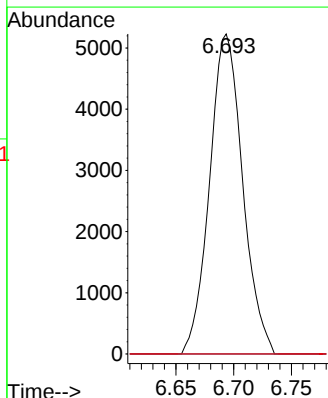
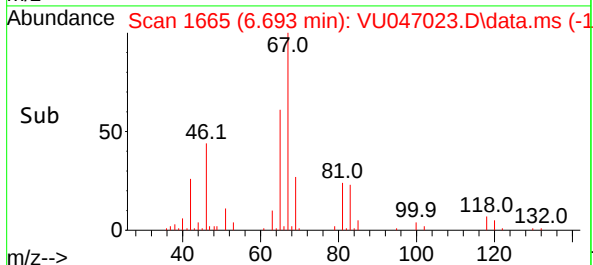
Tgt Ion: 95 Resp: 263645
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 93.9 65.1 120.9
130 96.0 67.3 124.9

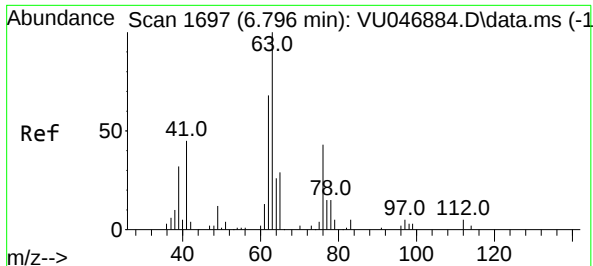


#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047023.D
Acq: 03 Feb 2022 15:49



Tgt Ion: 83 Resp: 10423
Ion Ratio Lower Upper
83 100
55 0.4 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.646 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047023.D

Acq: 03 Feb 2022 15:49

Instrument :

MSVOA_U

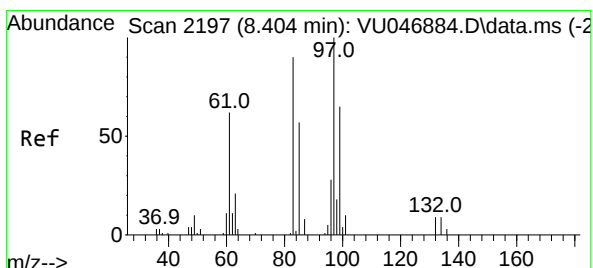
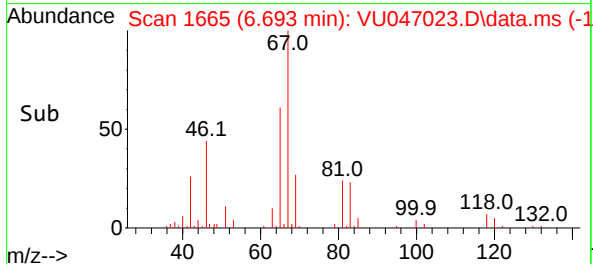
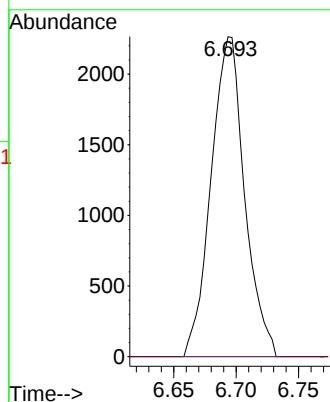
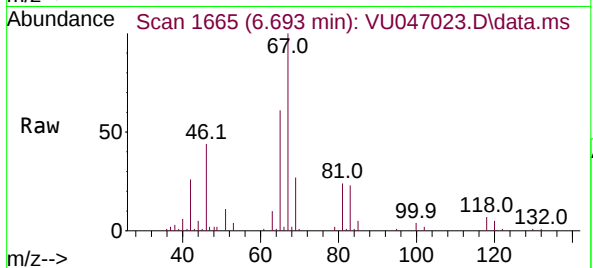
ClientSampleId :

Tgt Ion: 63 Resp: 4238

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#45

1,1,2-Trichloroethane

Concen: 1.351 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU047023.D

Acq: 03 Feb 2022 15:49

Tgt Ion: 97 Resp: 7537

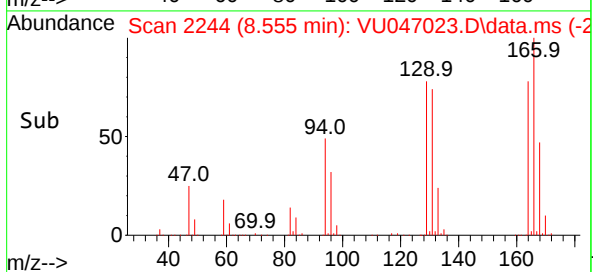
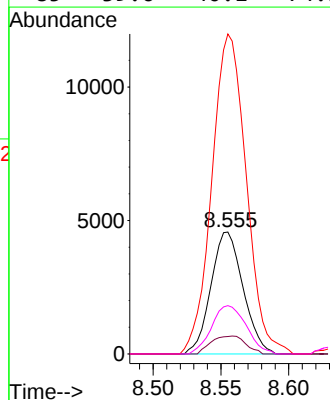
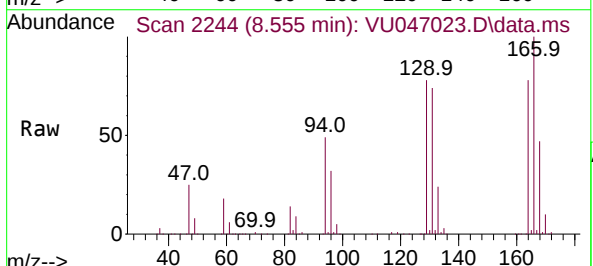
Ion Ratio Lower Upper

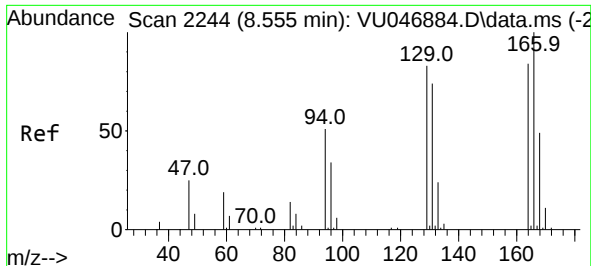
97 100

99 14.3 42.3 78.5#

83 262.4 62.0 115.2#

85 39.6 40.1 74.5#





#47

Tetrachloroethene

Concen: 152.388 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

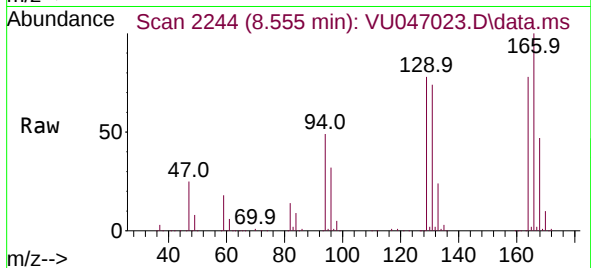
Lab File: VU047023.D

Acq: 03 Feb 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 860466

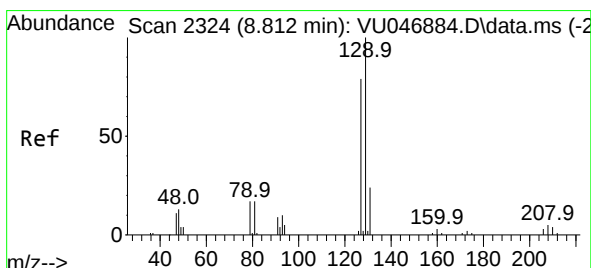
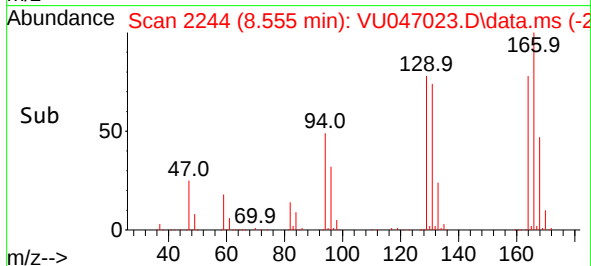
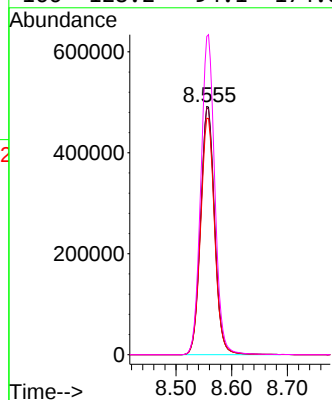
Ion Ratio Lower Upper

164 100

129 99.6 71.8 133.4

131 95.3 68.5 127.3

166 128.2 94.1 174.8



#49

Dibromochloromethane

Concen: 129.508 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047023.D

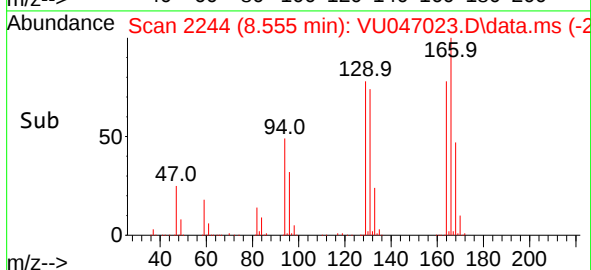
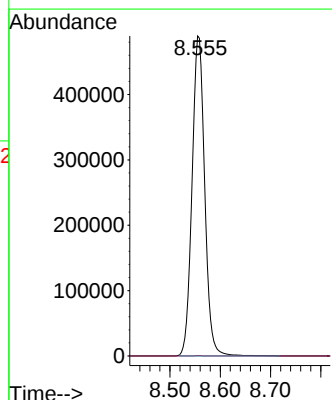
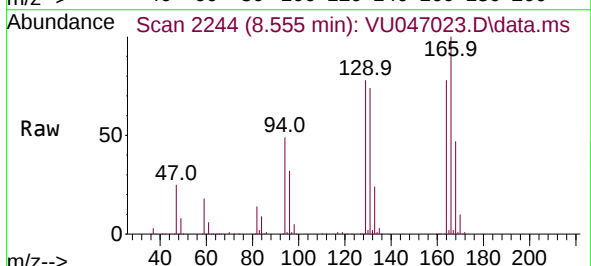
Acq: 03 Feb 2022 15:49

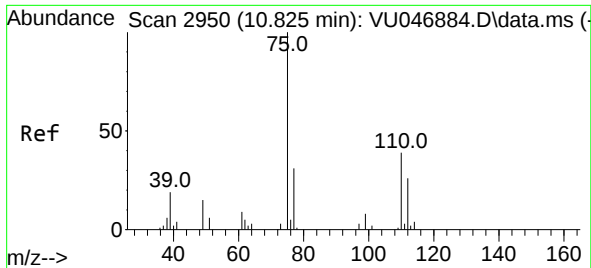
Tgt Ion:129 Resp: 852573

Ion Ratio Lower Upper

129 100

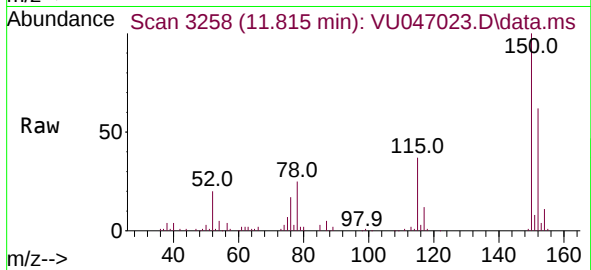
127 0.1 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.433 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU047023.D
 Acq: 03 Feb 2022 15:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5838
 Ion Ratio Lower Upper
 75 100
 110 0.3 29.9 44.9#
 77 32.1 25.5 38.3

