

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046636.D
 Acq On : 29 Dec 2021 19:01
 Operator : SY/MD
 Sample : M5193-08RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J08RE

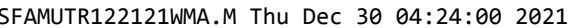
Quant Time: Dec 30 04:23:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

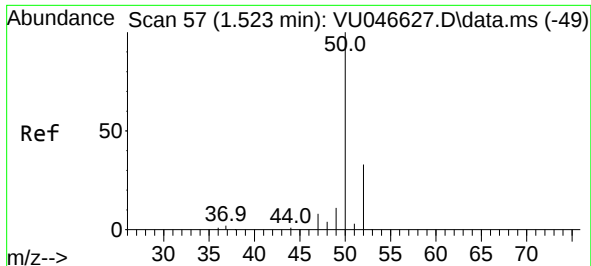
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	55217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	60219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	27714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33224	7.639	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 152.800%#	
7) Chloroethane-d5	1.919	69	23473	6.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 137.000%#	
11) 1,1-Dichloroethene-d2	2.572	65	13008	7.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 141.800%#	
20) 2-Butanone-d5	4.645	46	75709	60.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 120.020%	
24) Chloroform-d	5.067	84	53715	6.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 134.800%#	
26) 1,2-Dichloroethane-d4	5.707	65	30319	6.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 133.000%#	
32) Benzene-d6	5.732	84	99869	5.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.000%	
36) 1,2-Dichloropropane-d6	6.694	67	31845	6.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 126.200%	
41) Toluene-d8	7.903	98	79220	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.000%	
43) trans-1,3-Dichloroprop...	8.182	79	12217	5.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 104.800%	
46) 2-Hexanone-d5	8.636	63	61800	45.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 90.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28700	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29734	5.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.400%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2311	0.318	ug/L #	62
8) Chloroethane	2.089	64	992	0.236	ug/L #	52
9) Trichlorofluoromethane	2.144	101	1064	0.114	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	283	0.059	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	2329	0.479	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	2091	0.219	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	2024	0.357	ug/L	91
29) 1,1,1-Trichloroethane	5.317	97	2289	0.230	ug/L	97
34) Trichloroethene	6.543	95	11696	1.854	ug/L	97
35) Methylcyclohexane	6.694	83	7799	0.877	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3694	0.605	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	927	0.100	ug/L #	69
61) 1,2,3-Trichloropropane	11.812	75	3477	0.755	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.771	75	221	0.207	ug/L #	7

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

Quant Time: Dec 30 04:23:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 30 04:21:35 2021
Response via : Initial Calibration

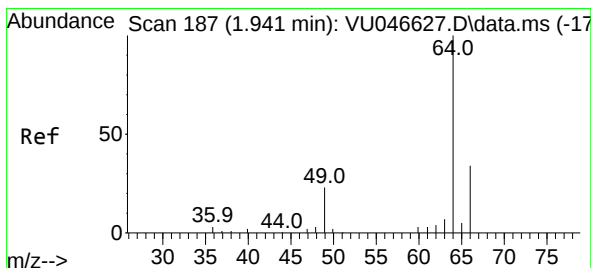
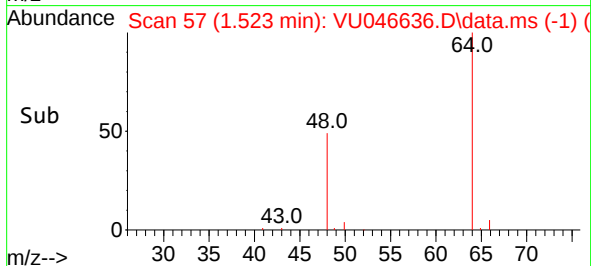
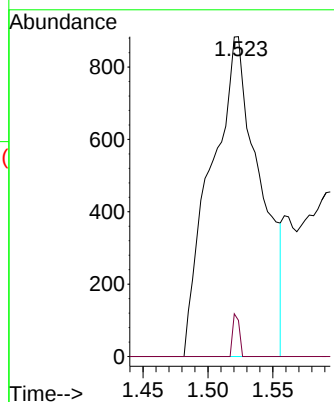
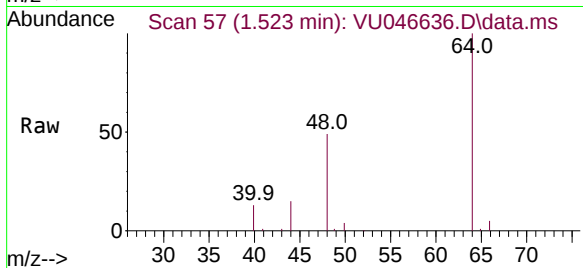




#3
Chloromethane
Concen: 0.318 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

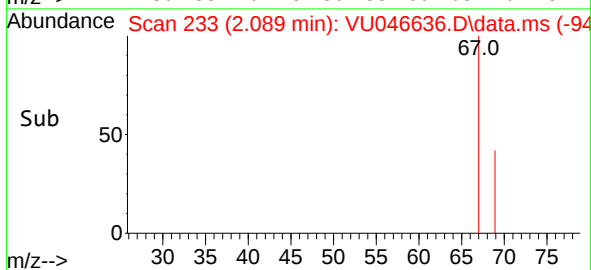
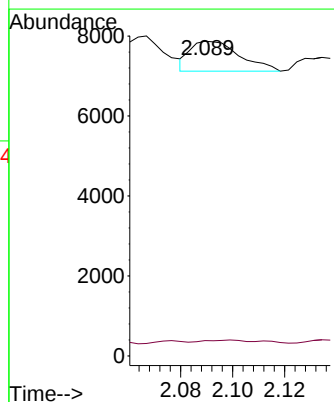
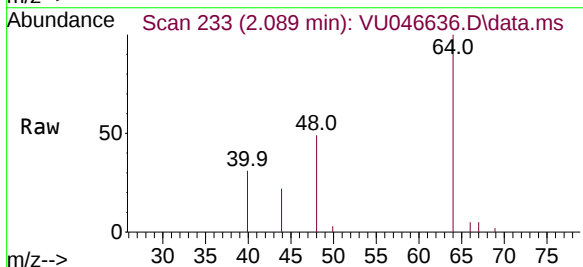
Instrument :
MSVOA_U
ClientSampleId :
C0J08RE

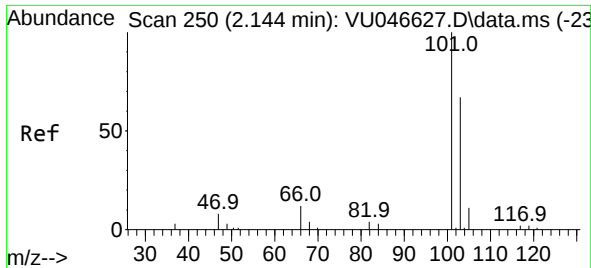
Tgt Ion: 50 Resp: 2311
Ion Ratio Lower Upper
50 100
52 11.3 23.0 42.8#



#8
Chloroethane
Concen: 0.236 ug/L
RT: 2.089 min Scan# 233
Delta R.T. 0.148 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Tgt Ion: 64 Resp: 992
Ion Ratio Lower Upper
64 100
66 4.9 22.1 41.1#

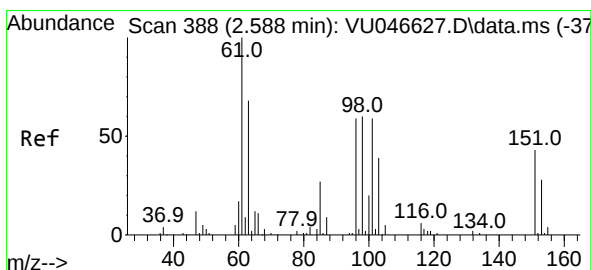
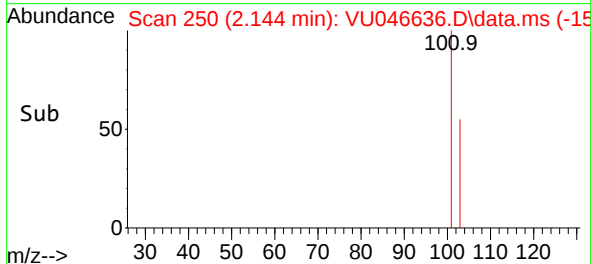
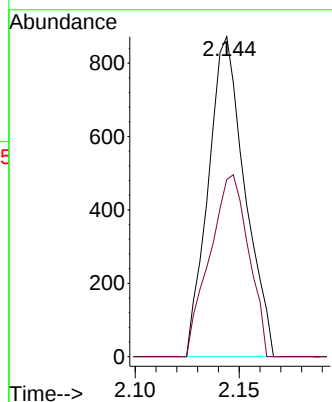
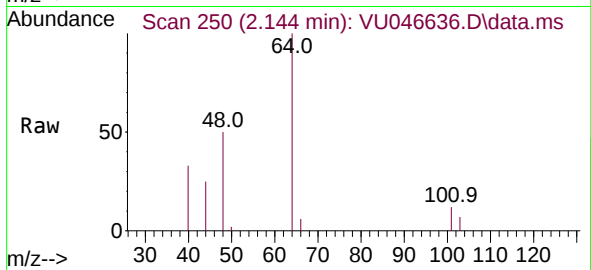




#9
 Trichlorofluoromethane
 Concen: 0.114 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046636.D
 Acq: 29 Dec 2021 19:01

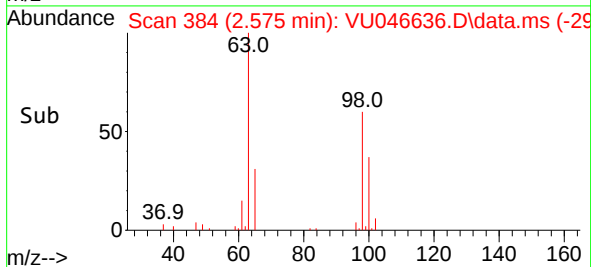
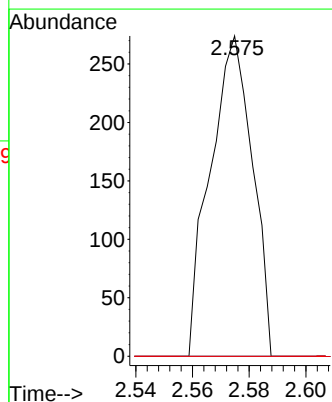
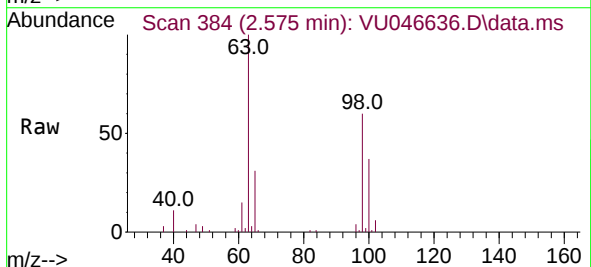
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J08RE

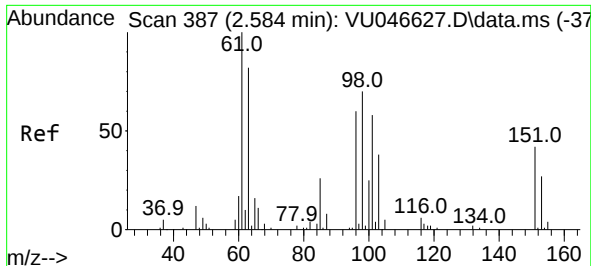
Tgt Ion:101 Resp: 1064
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046636.D
 Acq: 29 Dec 2021 19:01

Tgt Ion:101 Resp: 283
 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: 0.479 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

C0J08RE

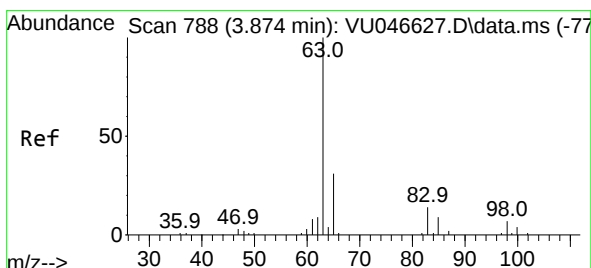
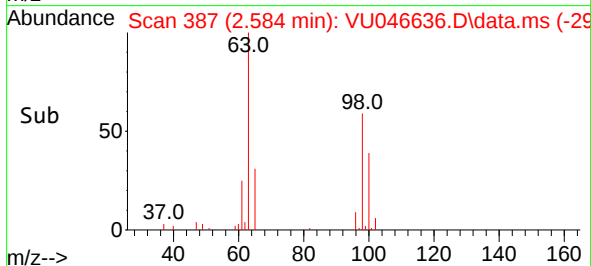
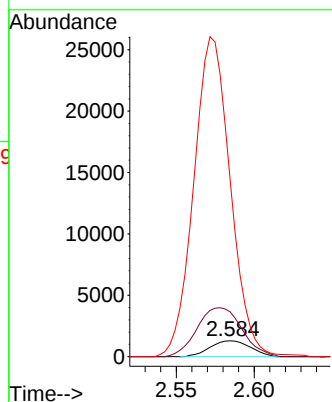
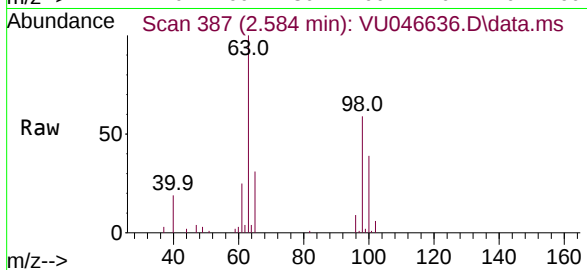
Tgt Ion: 96 Resp: 2329

Ion Ratio Lower Upper

96 100

61 283.2 124.7 231.5#

63 1120.7 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.219 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

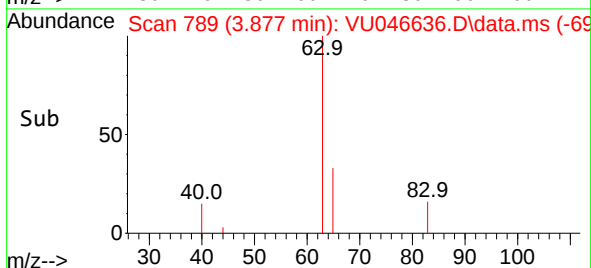
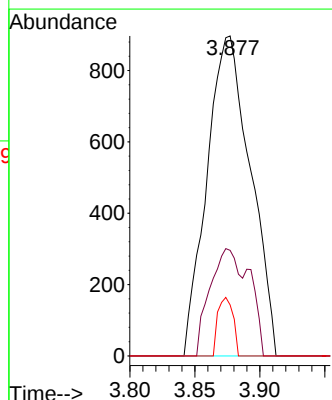
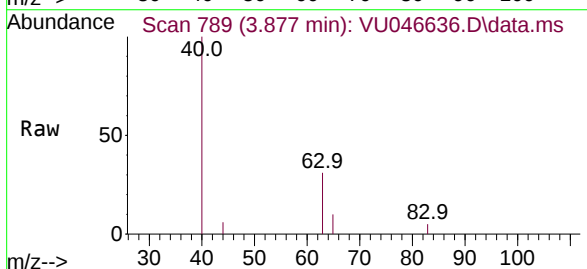
Tgt Ion: 63 Resp: 2091

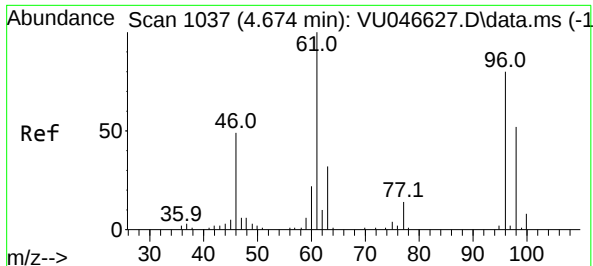
Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.5

83 15.9 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.357 ug/L

RT: 4.674 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

C0J08RE

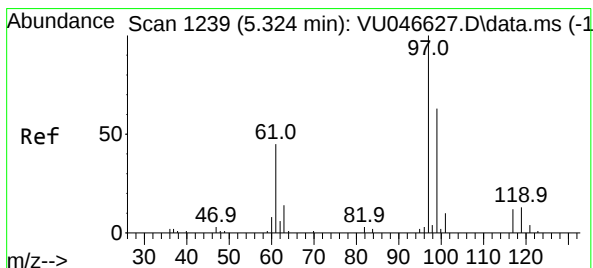
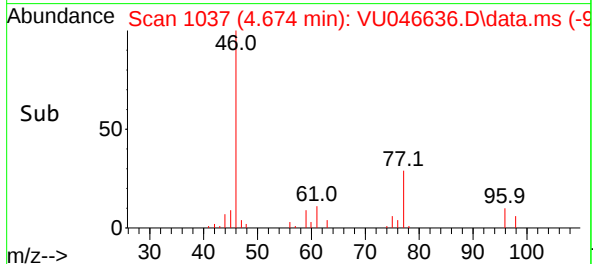
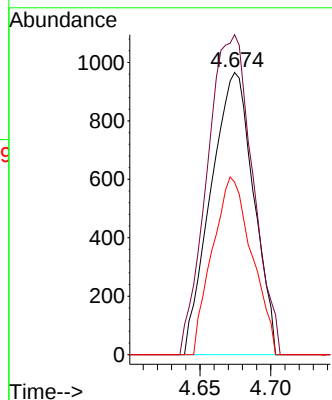
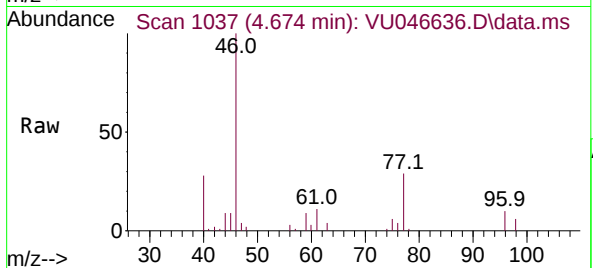
Tgt Ion: 96 Resp: 2024

Ion Ratio Lower Upper

96 100

61 113.4 88.5 164.3

98 61.1 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.230 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

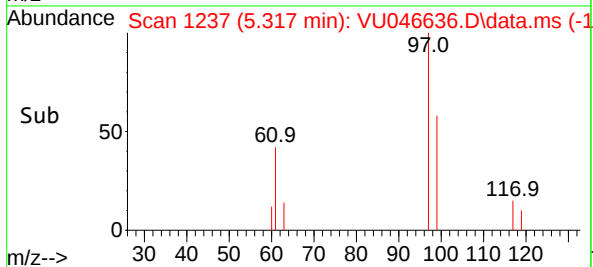
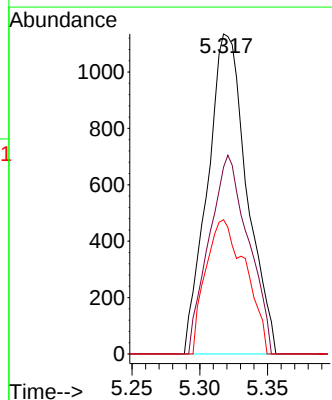
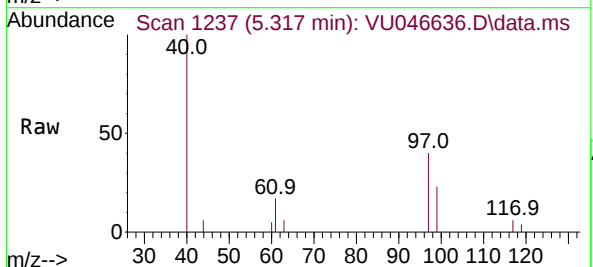
Tgt Ion: 97 Resp: 2289

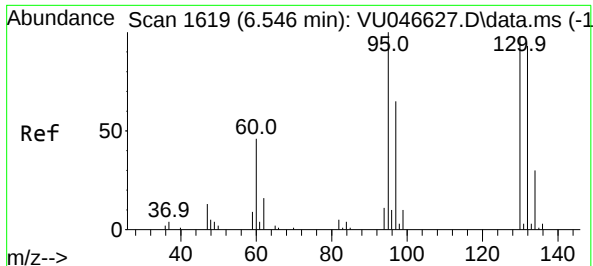
Ion Ratio Lower Upper

97 100

99 62.0 51.3 76.9

61 42.6 36.1 54.1



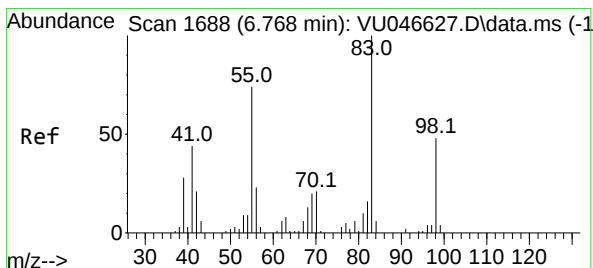
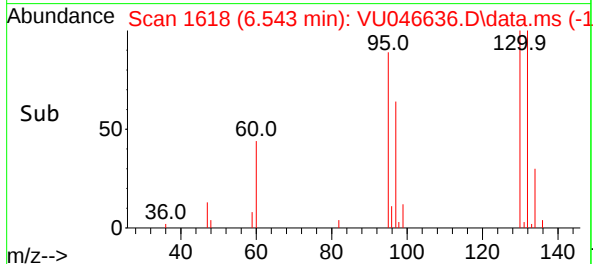
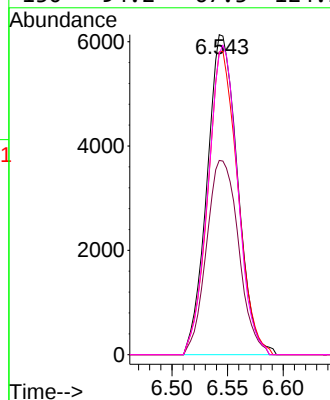
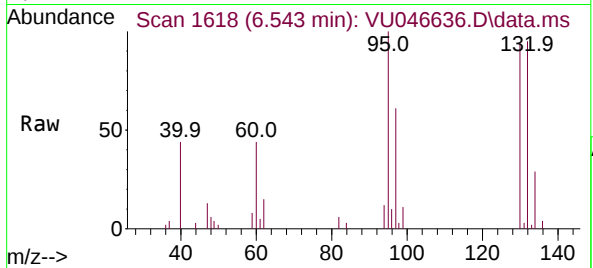


#34
Trichloroethene
Concen: 1.854 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
C0J08RE

Tgt Ion: 95 Resp: 11696

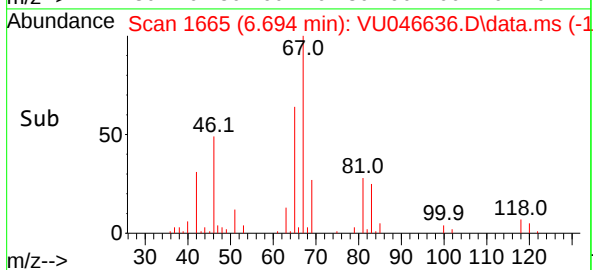
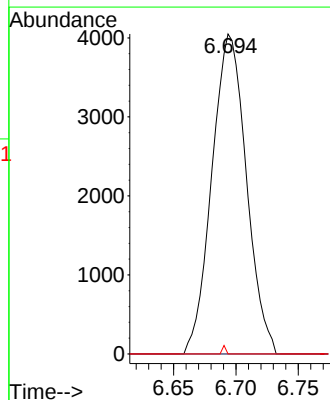
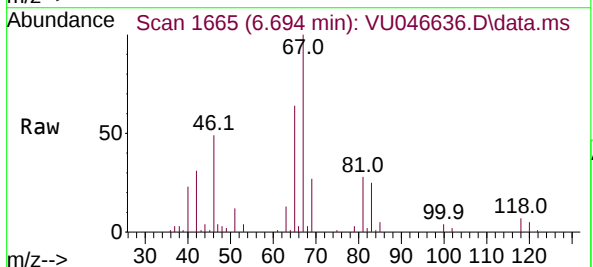
Ion	Ratio	Lower	Upper
95	100		
97	60.7	46.5	86.5
132	94.6	65.1	120.9
130	94.2	67.3	124.9

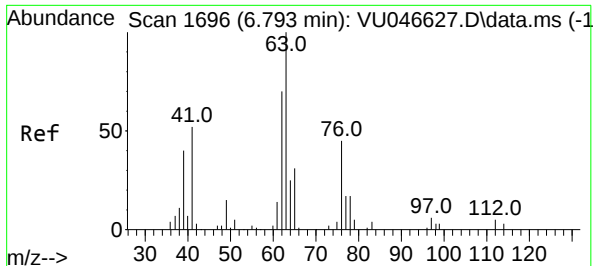


#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Tgt Ion: 83 Resp: 7799

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.3	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046636.D

Acq: 29 Dec 2021 19:01

Instrument :

MSVOA_U

ClientSampleId :

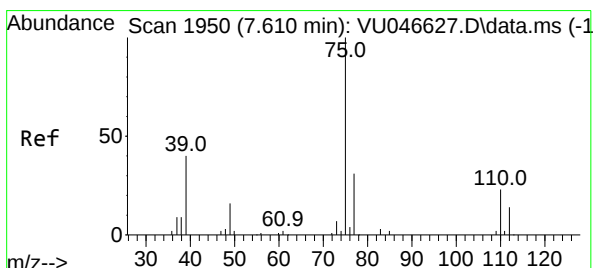
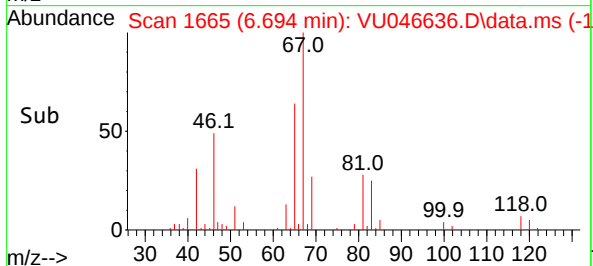
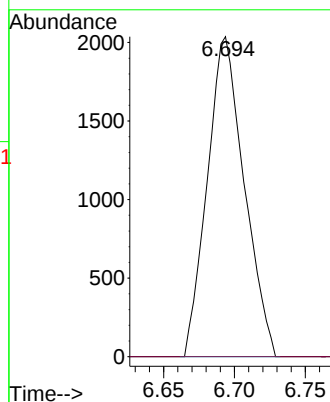
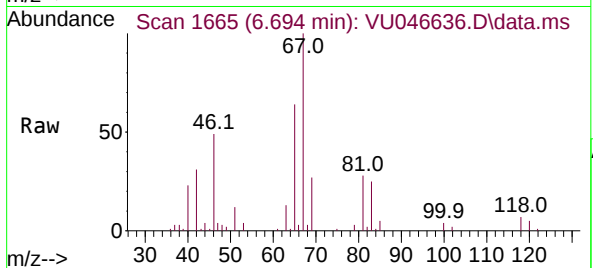
C0J08RE

Tgt Ion: 63 Resp: 3694

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046636.D

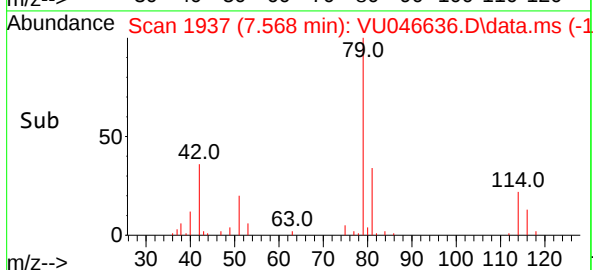
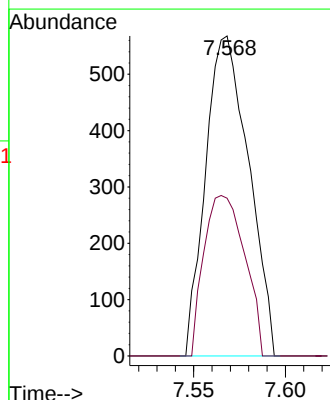
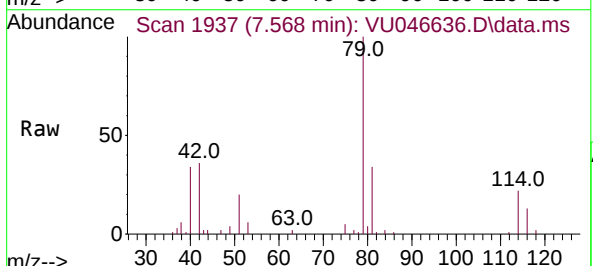
Acq: 29 Dec 2021 19:01

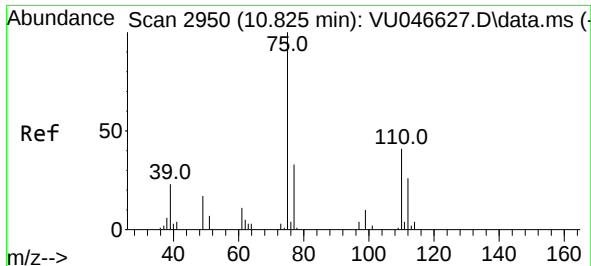
Tgt Ion: 75 Resp: 927

Ion Ratio Lower Upper

75 100

77 49.3 22.5 41.9#

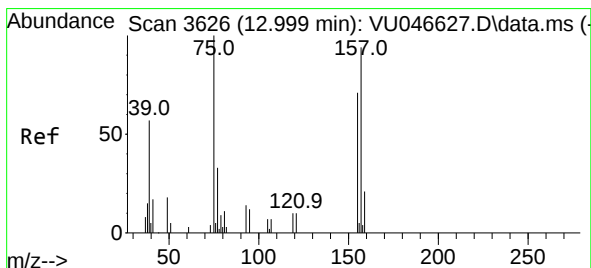
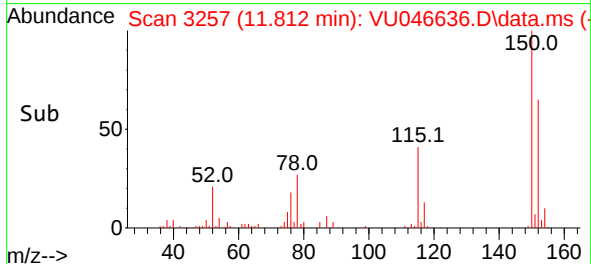
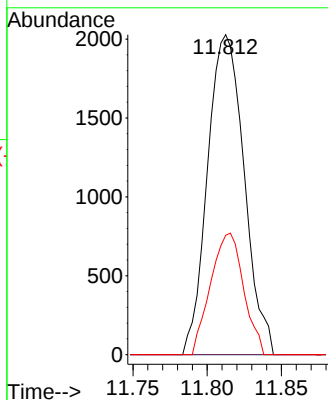
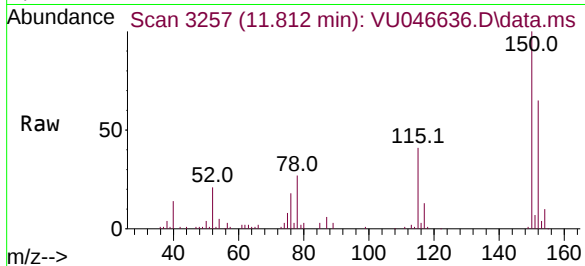




#61
1,2,3-Trichloropropane
Concen: 0.755 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Instrument :
MSVOA_U
ClientSampleId :
C0J08RE

Tgt Ion: 75 Resp: 3477
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 34.2 25.5 38.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.207 ug/L
RT: 12.771 min Scan# 3555
Delta R.T. -0.228 min
Lab File: VU046636.D
Acq: 29 Dec 2021 19:01

Tgt Ion: 75 Resp: 221
Ion Ratio Lower Upper
75 100
155 0.0 59.2 88.8#
157 0.0 76.5 114.7#

