

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045875.D
 Acq On : 18 Nov 2021 17:56
 Operator : SY/MD
 Sample : M4664-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:55:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

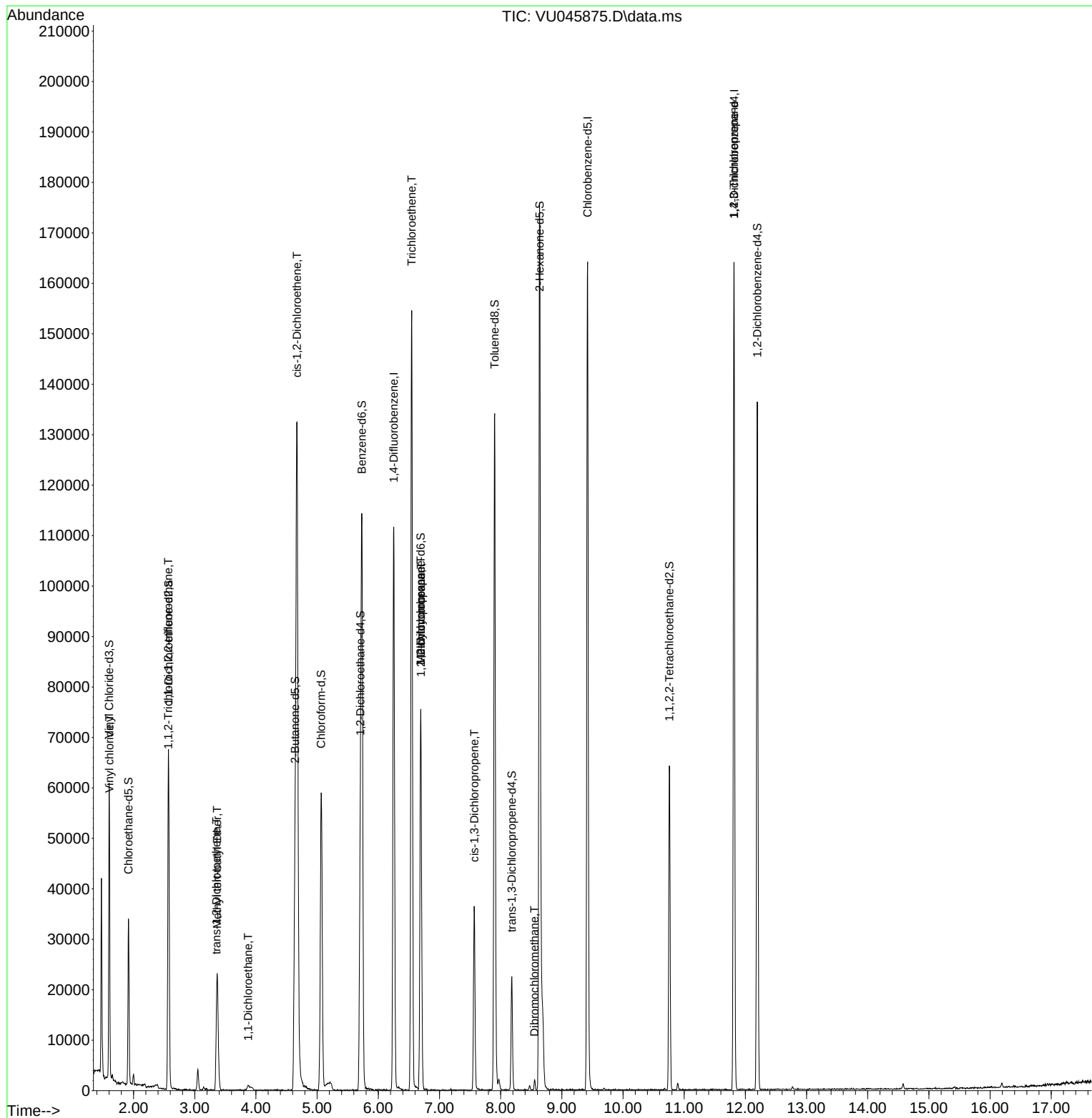
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29961	4.238	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.916	69	24014	4.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.572	65	12454	4.200	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.639	46	97186	51.298	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.600%	
24) Chloroform-d	5.067	84	56433	4.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.707	65	32289	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.732	84	109024	4.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.694	67	36053	4.457	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.903	98	90773	3.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	8.182	79	13623	4.149	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.636	63	61230	41.432	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.860%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31455	4.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34622	4.658	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
5) Vinyl chloride	1.607	62	8814	1.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	272	0.047	ug/L #	21
17) Methyl tert-butyl Ether	3.366	73	22467	1.562	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	1659	0.280	ug/L	93
19) 1,1-Dichloroethane	3.874	63	1022	0.092	ug/L #	84
22) cis-1,2-Dichloroethene	4.671	96	57751	8.996	ug/L	96
34) Trichloroethene	6.546	95	53139	7.929	ug/L	99
35) Methylcyclohexane	6.694	83	8469	0.823	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	3981	0.582	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	907	0.093	ug/L	97
49) Dibromochloromethane	8.552	129	368	0.064	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5369	1.195	ug/L #	67

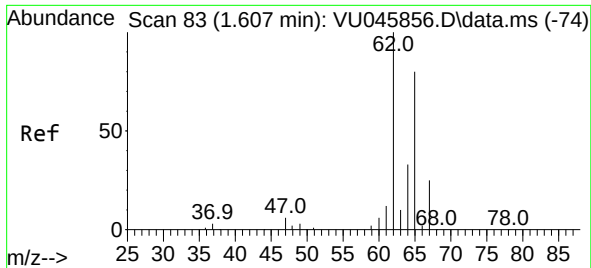
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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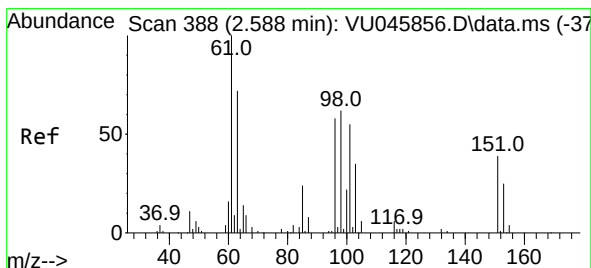
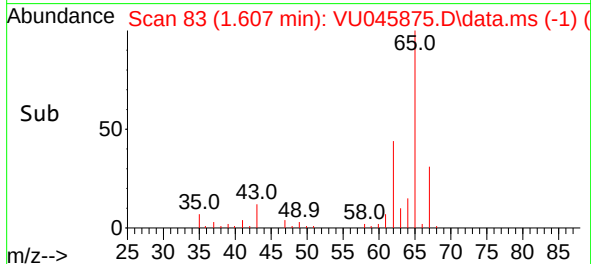
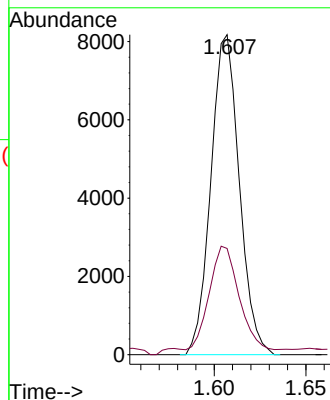
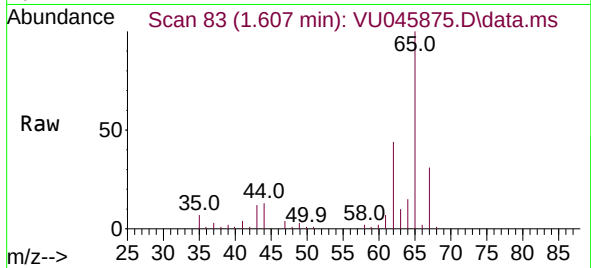




#5
 Vinyl chloride
 Concen: 1.141 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045875.D
 Acq: 18 Nov 2021 17:56

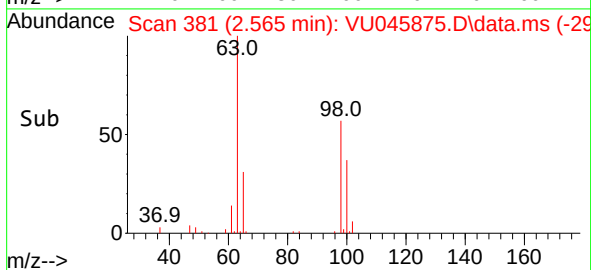
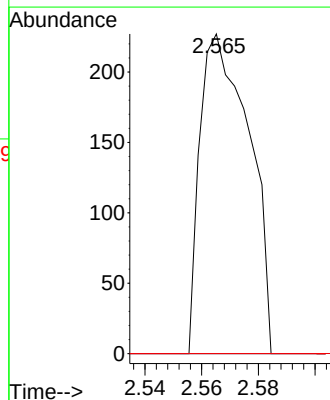
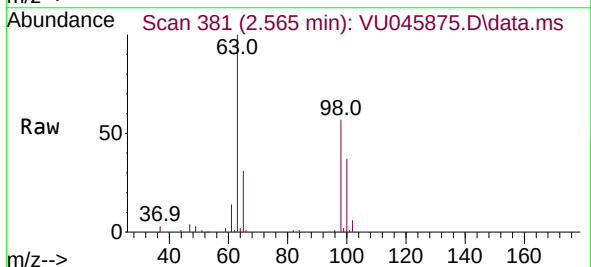
Instrument :
 MSVOA_U
 ClientSampleId :

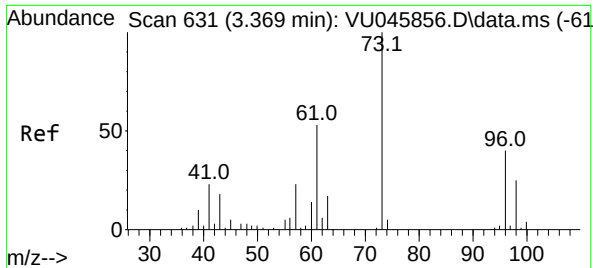
Tgt Ion: 62 Resp: 8814
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.047 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.022 min
 Lab File: VU045875.D
 Acq: 18 Nov 2021 17:56

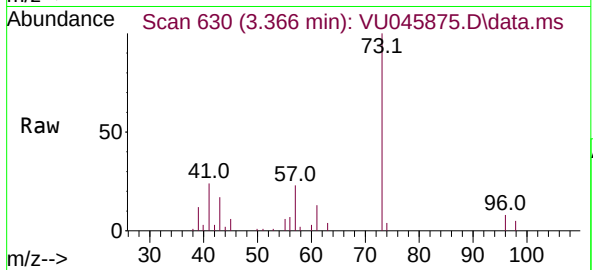
Tgt Ion: 101 Resp: 272
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



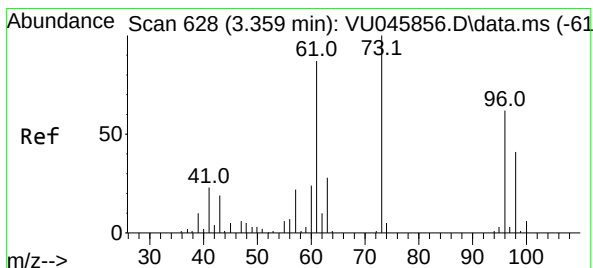
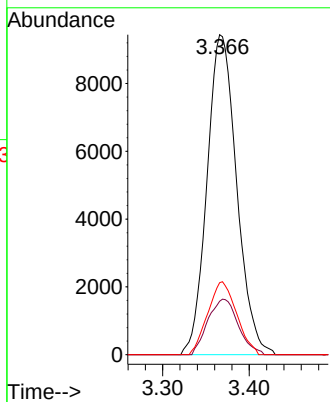
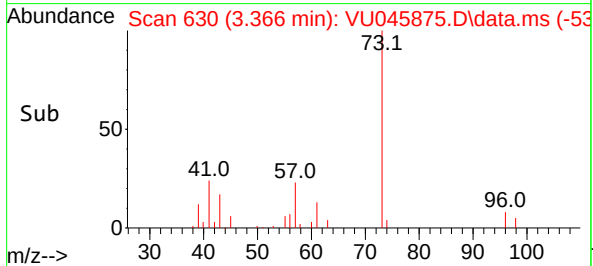


#17
Methyl tert-butyl Ether
Concen: 1.562 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56

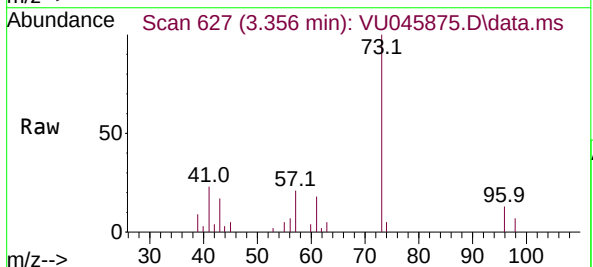
Instrument :
MSVOA_U
ClientSampleId :



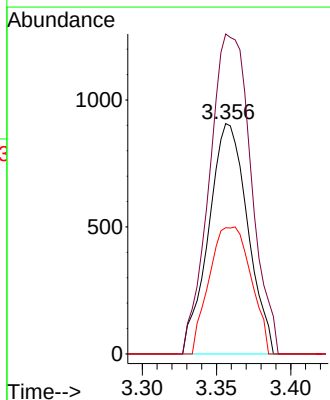
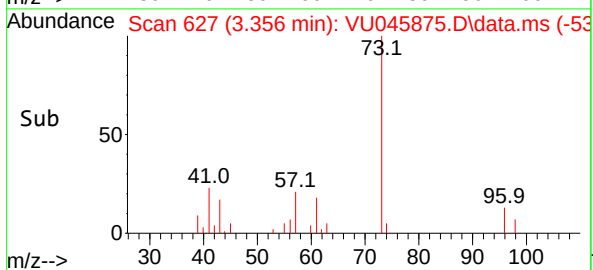
Tgt Ion: 73 Resp: 22467
Ion Ratio Lower Upper
73 100
43 17.8 14.8 22.2
57 22.2 17.4 26.0

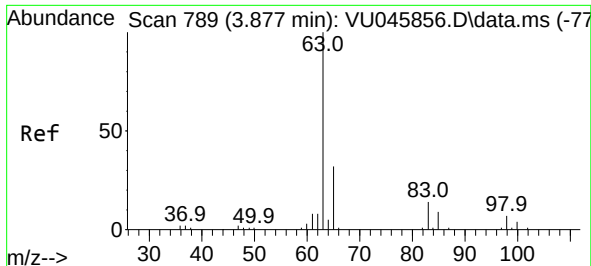


#18
trans-1,2-Dichloroethene
Concen: 0.280 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56



Tgt Ion: 96 Resp: 1659
Ion Ratio Lower Upper
96 100
61 138.9 100.8 187.2
98 54.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.092 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU045875.D

Acq: 18 Nov 2021 17:56

Instrument :

MSVOA_U

ClientSampleId :

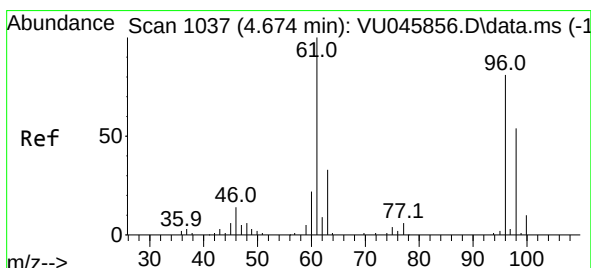
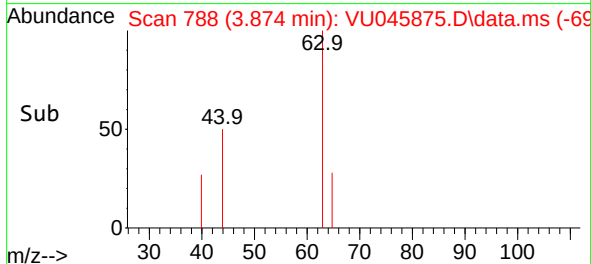
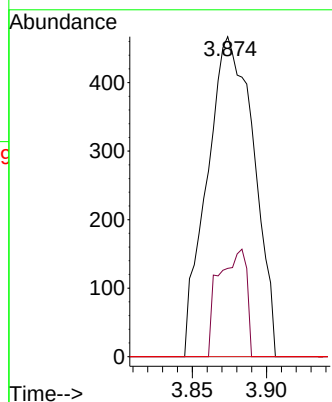
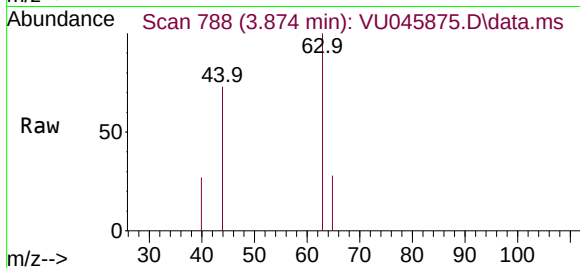
Tgt Ion: 63 Resp: 1022

Ion Ratio Lower Upper

63 100

65 27.6 22.3 41.5

83 0.0 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 8.996 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045875.D

Acq: 18 Nov 2021 17:56

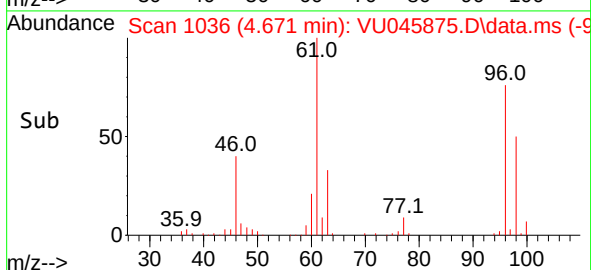
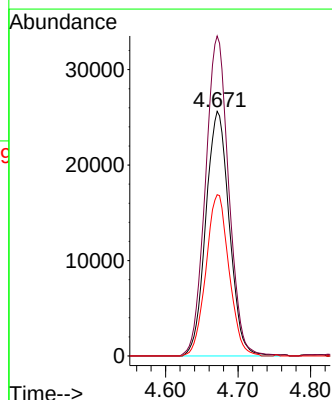
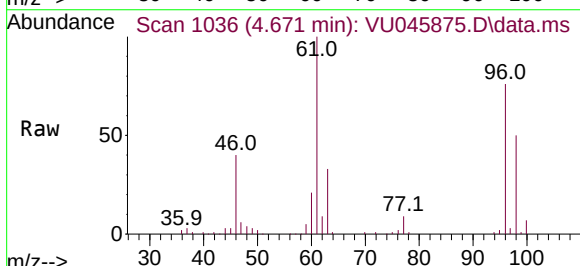
Tgt Ion: 96 Resp: 57751

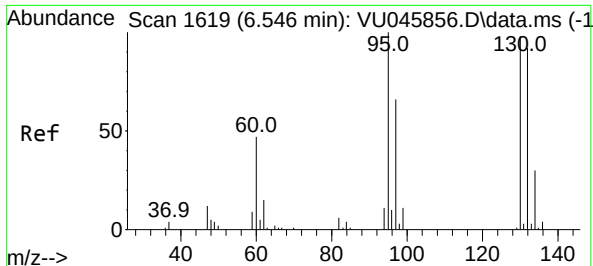
Ion Ratio Lower Upper

96 100

61 130.8 88.5 164.3

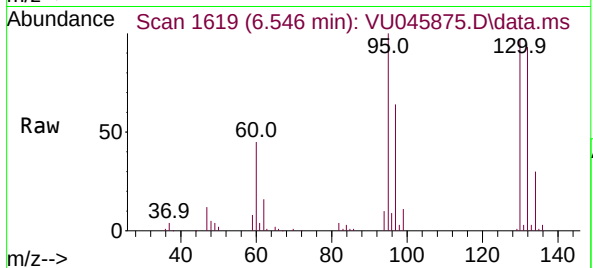
98 65.9 44.4 82.5





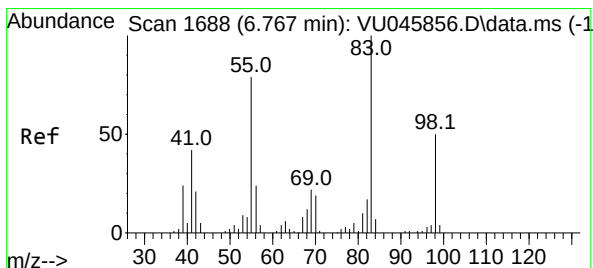
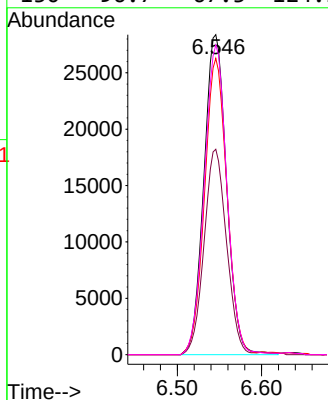
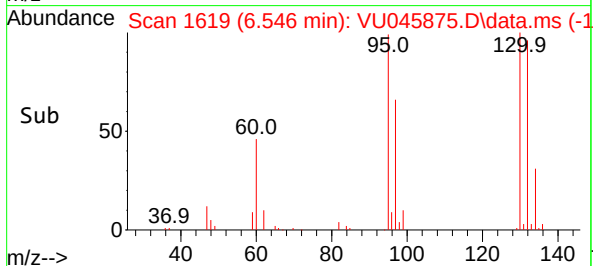
#34
Trichloroethene
Concen: 7.929 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56

Instrument :
MSVOA_U
ClientSampleId :

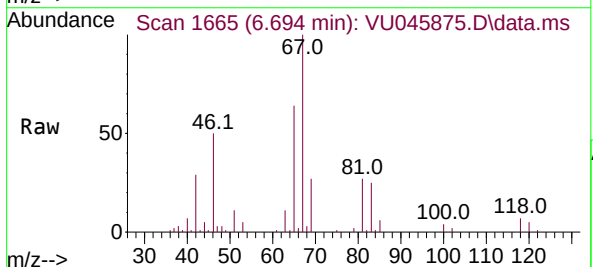


Tgt Ion: 95 Resp: 53139

Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	92.6	65.1	120.9
130	96.7	67.3	124.9

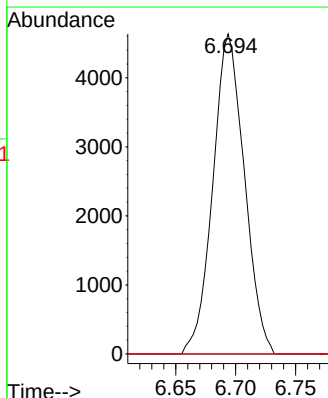
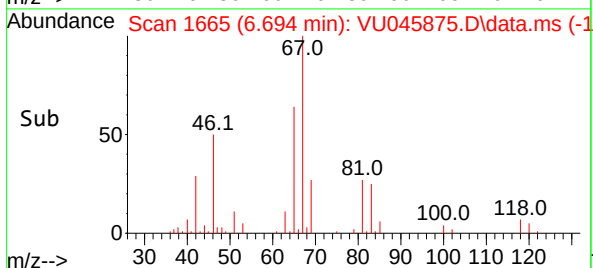


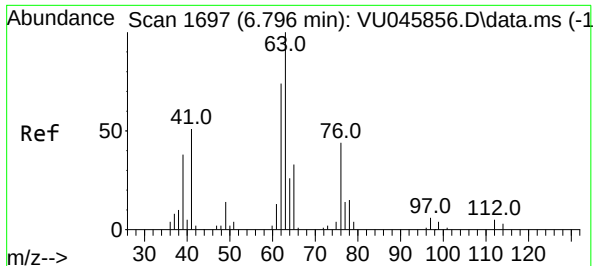
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56



Tgt Ion: 83 Resp: 8469

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





#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045875.D

Acq: 18 Nov 2021 17:56

Instrument :

MSVOA_U

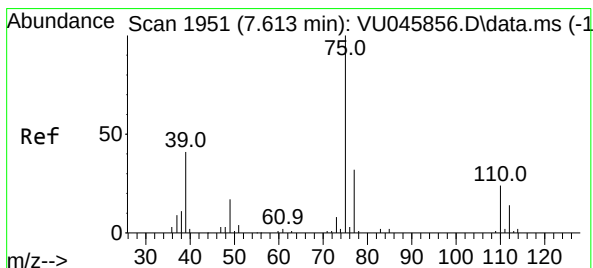
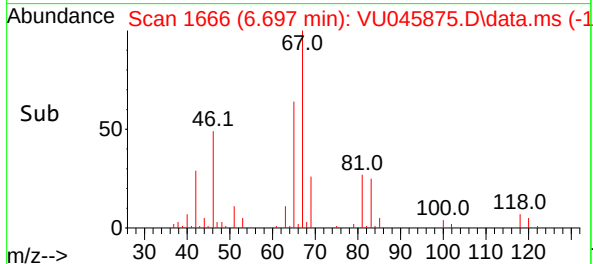
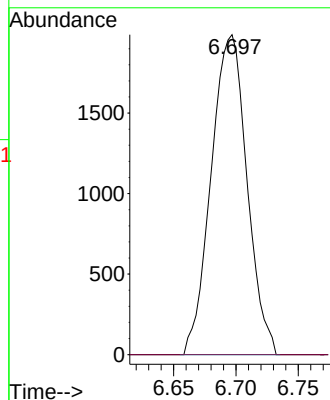
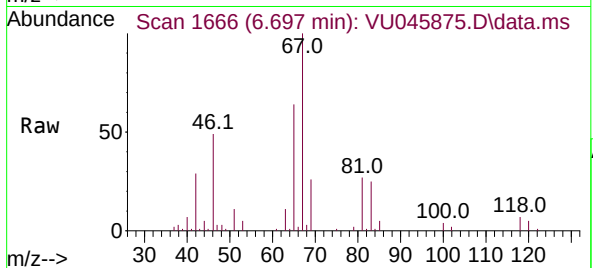
ClientSampleId :

Tgt Ion: 63 Resp: 3981

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU045875.D

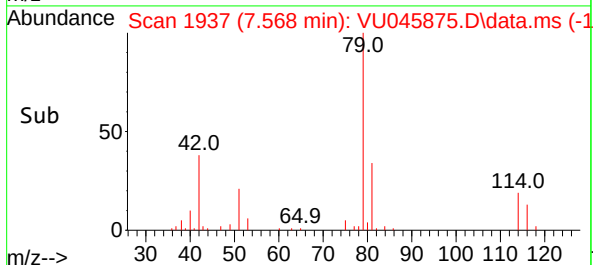
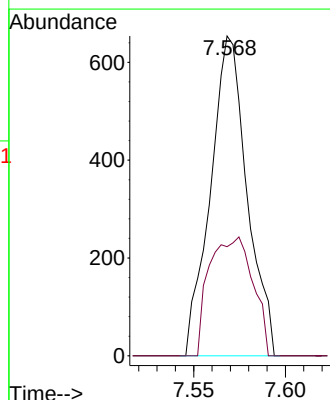
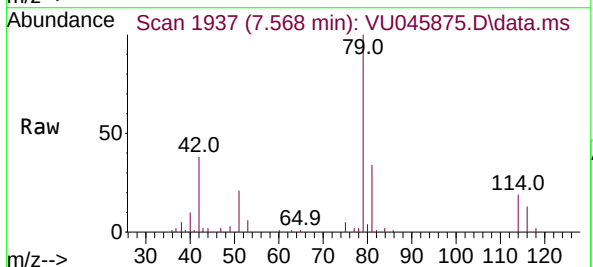
Acq: 18 Nov 2021 17:56

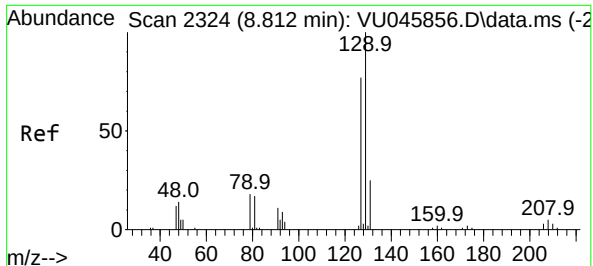
Tgt Ion: 75 Resp: 907

Ion Ratio Lower Upper

75 100

77 34.1 22.5 41.9





#49

Dibromochloromethane

Concen: 0.064 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU045875.D

Acq: 18 Nov 2021 17:56

Instrument :

MSVOA_U

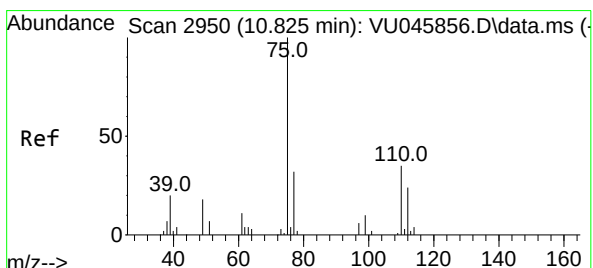
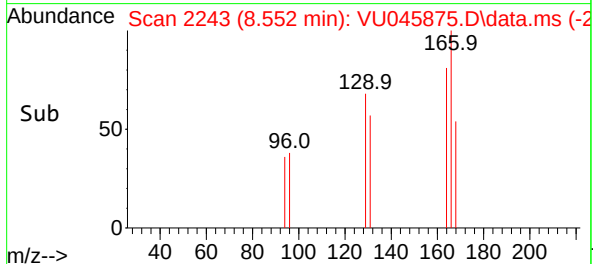
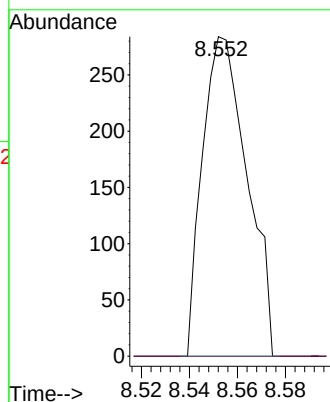
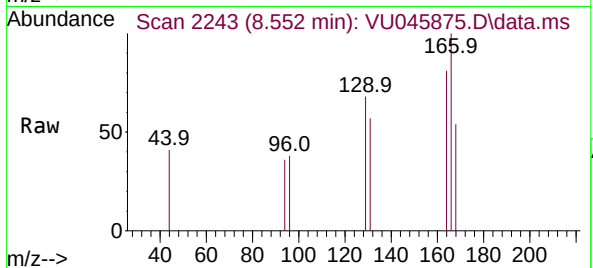
ClientSampleId :

Tgt Ion:129 Resp: 368

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.195 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045875.D

Acq: 18 Nov 2021 17:56

Tgt Ion: 75 Resp: 5369

Ion Ratio Lower Upper

75 100

110 1.3 29.9 44.9#

77 32.5 25.5 38.3

