

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046013.D
 Acq On : 26 Nov 2021 12:36
 Operator : SY/MD
 Sample : M4825-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4658

Quant Time: Nov 26 23:27:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 23:26:55 2021
 Response via : Initial Calibration

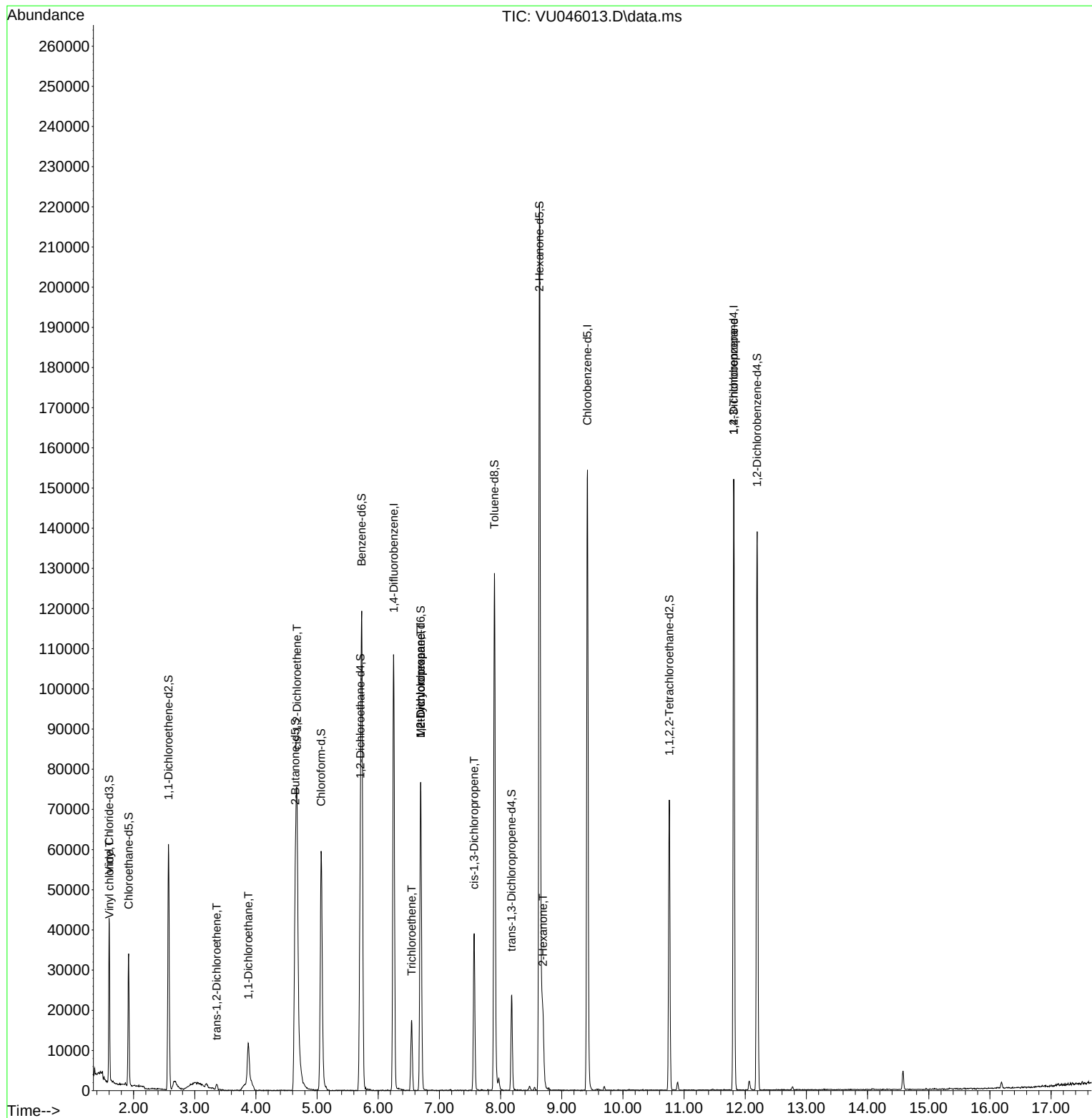
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27348	3.809	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.919	69	23949	4.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.572	65	11689	3.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	4.645	46	124841	64.884	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.760%	
24) Chloroform-d	5.067	84	54799	4.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.707	65	34397	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.729	84	112428	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.694	67	36702	4.691	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.899	98	89577	3.989	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.179	79	14341	4.515	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.636	63	82469	57.690	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.380%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35299	5.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36406	5.348	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
5) Vinyl chloride	1.607	62	1524	0.194	ug/L	86
18) trans-1,2-Dichloroethene	3.359	96	661	0.110	ug/L #	65
19) 1,1-Dichloroethane	3.877	63	11781	1.046	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	20918	3.208	ug/L	96
34) Trichloroethene	6.546	95	5652	0.872	ug/L	94
35) Methylcyclohexane	6.694	83	9052	0.909	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3885	0.587	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	940	0.100	ug/L #	60
48) 2-Hexanone	8.694	43	12657	4.035	ug/L #	93
61) 1,2,3-Trichloropropane	11.812	75	5035	1.223	ug/L #	66

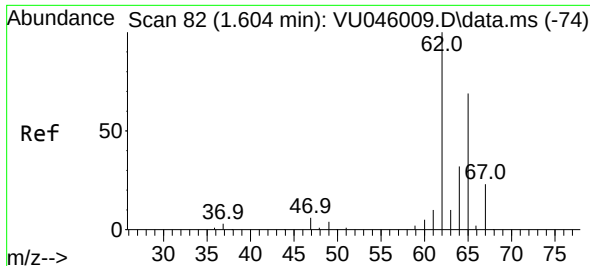
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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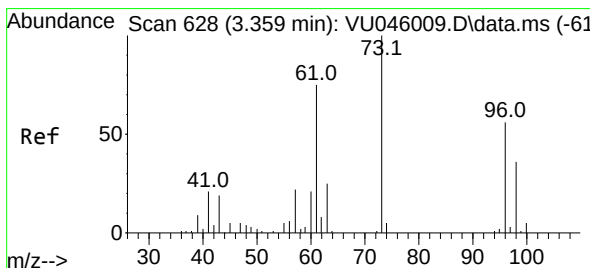
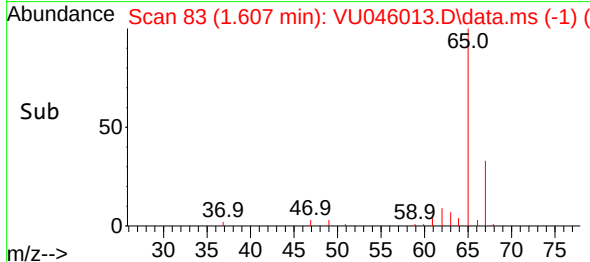
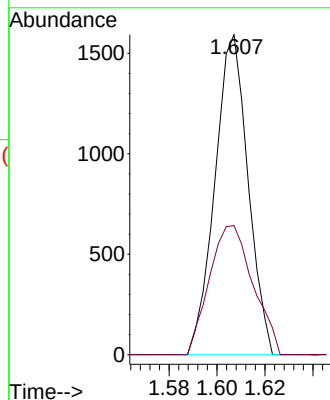
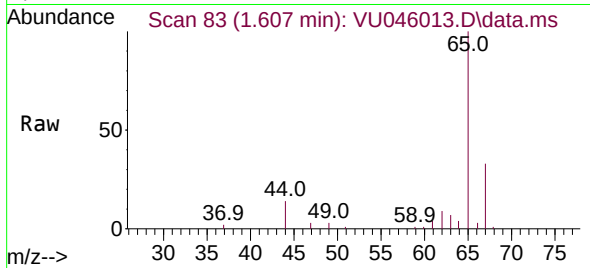




#5
 Vinyl chloride
 Concen: 0.194 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU046013.D
 Acq: 26 Nov 2021 12:36

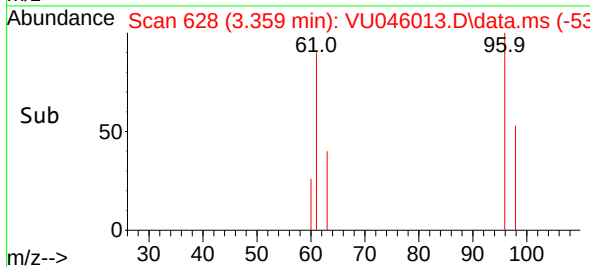
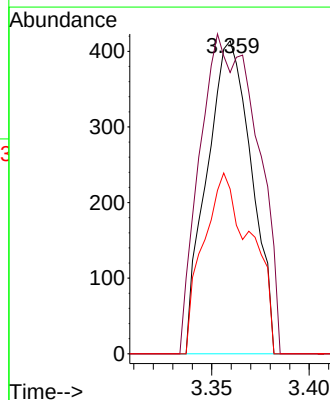
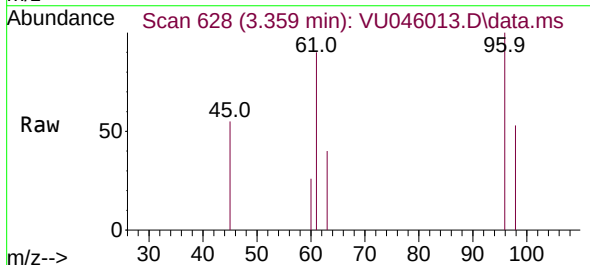
Instrument :
 MSVOA_U
 ClientSampleId :
 H4658

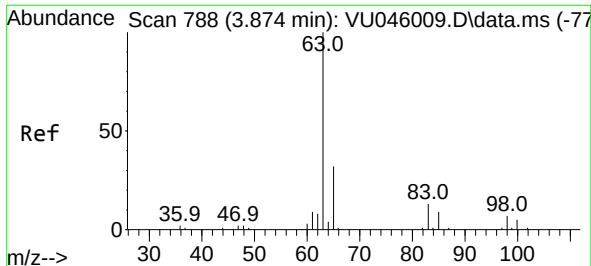
Tgt Ion: 62 Resp: 1524
 Ion Ratio Lower Upper
 62 100
 64 40.4 22.9 42.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.110 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.000 min
 Lab File: VU046013.D
 Acq: 26 Nov 2021 12:36

Tgt Ion: 96 Resp: 661
 Ion Ratio Lower Upper
 96 100
 61 89.9 100.8 187.2#
 98 52.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 1.046 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU046013.D

Acq: 26 Nov 2021 12:36

Instrument :

MSVOA_U

ClientSampleId :

H4658

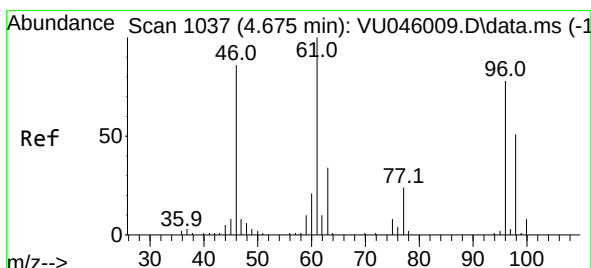
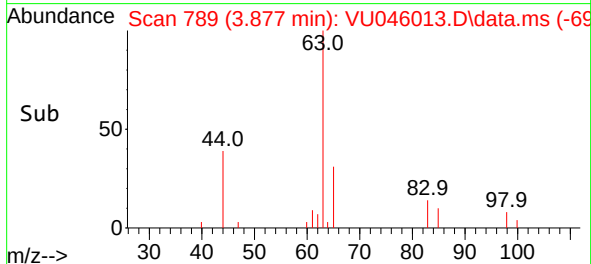
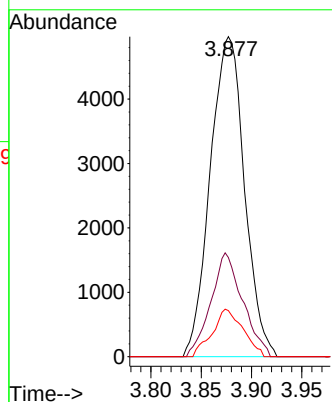
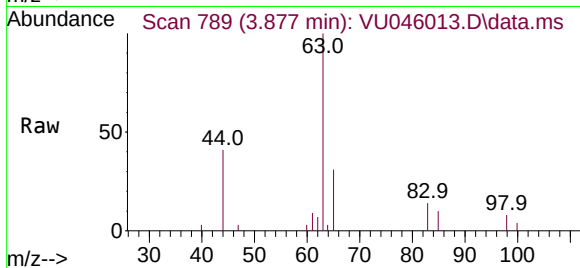
Tgt Ion: 63 Resp: 11781

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 14.4 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 3.208 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046013.D

Acq: 26 Nov 2021 12:36

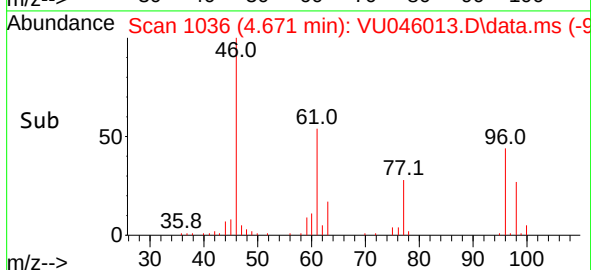
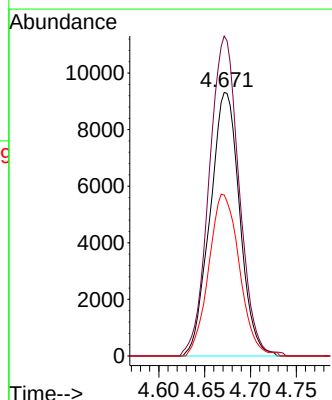
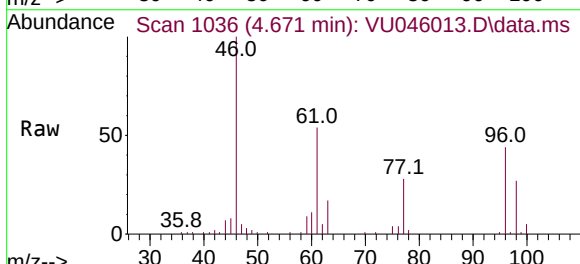
Tgt Ion: 96 Resp: 20918

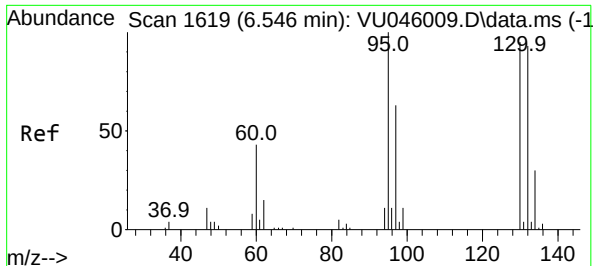
Ion Ratio Lower Upper

96 100

61 121.4 88.5 164.3

98 61.1 44.4 82.5

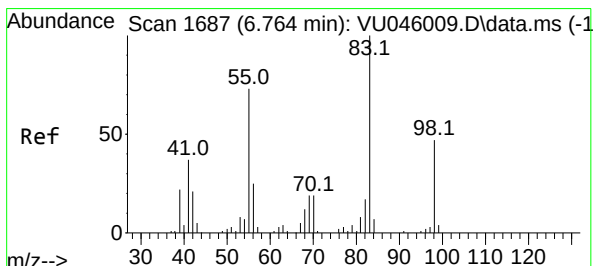
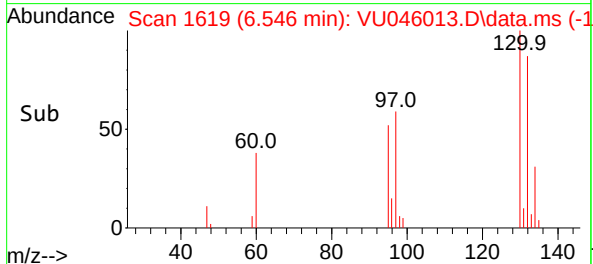
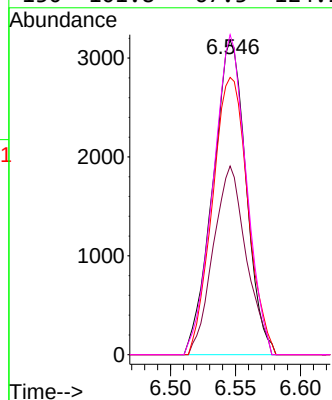
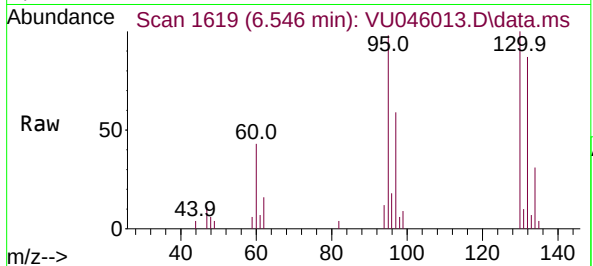




#34
Trichloroethene
Concen: 0.872 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046013.D
Acq: 26 Nov 2021 12:36

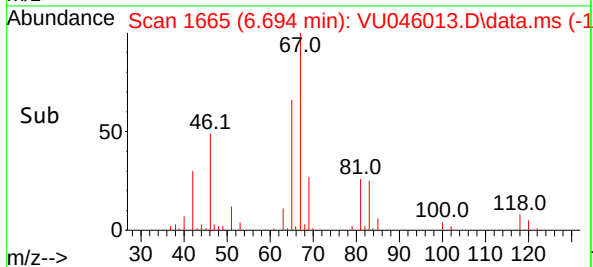
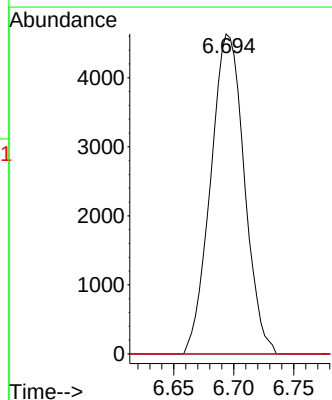
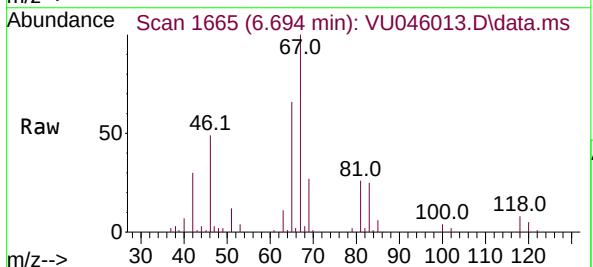
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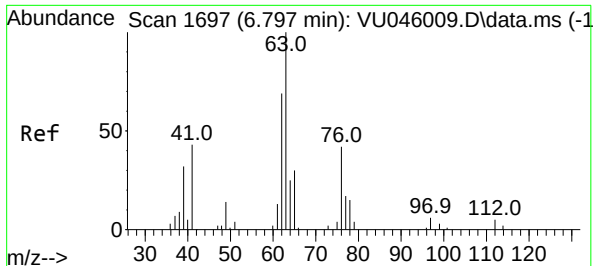
Tgt Ion: 95 Resp: 5652
Ion Ratio Lower Upper
95 100
97 60.0 46.5 86.5
132 88.2 65.1 120.9
130 101.8 67.3 124.9



#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU046013.D
Acq: 26 Nov 2021 12:36

Tgt Ion: 83 Resp: 9052
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046013.D

Acq: 26 Nov 2021 12:36

Instrument :

MSVOA_U

ClientSampleId :

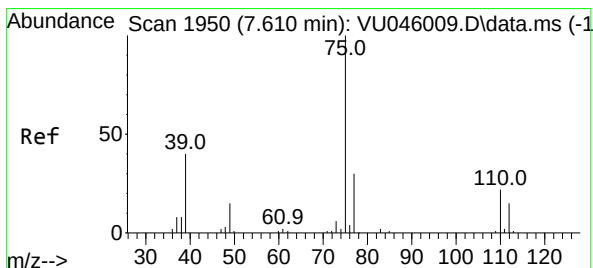
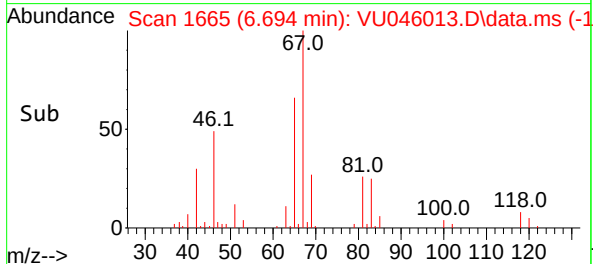
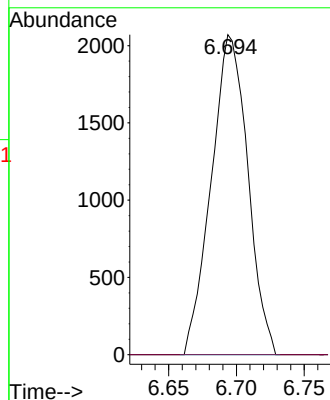
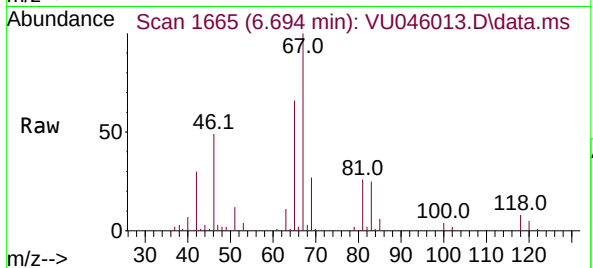
H4658

Tgt Ion: 63 Resp: 3885

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: VU046013.D

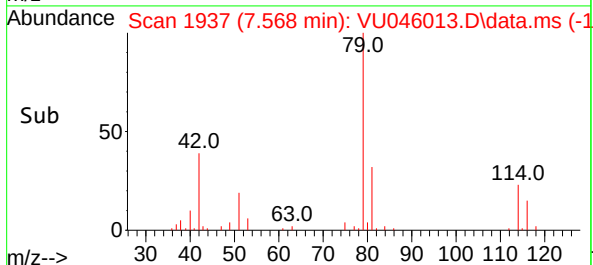
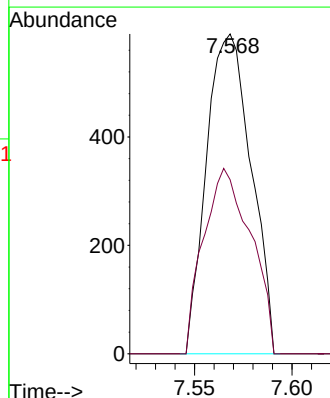
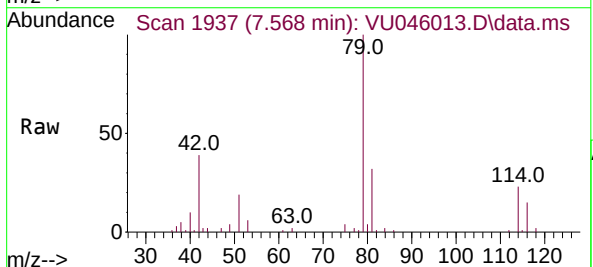
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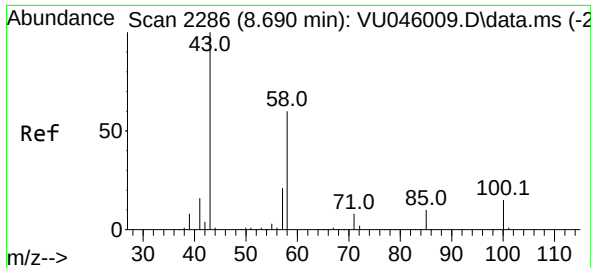
Tgt Ion: 75 Resp: 940

Ion Ratio Lower Upper

75 100

77 54.4 22.5 41.9#

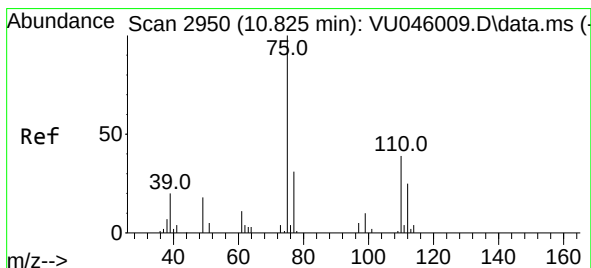
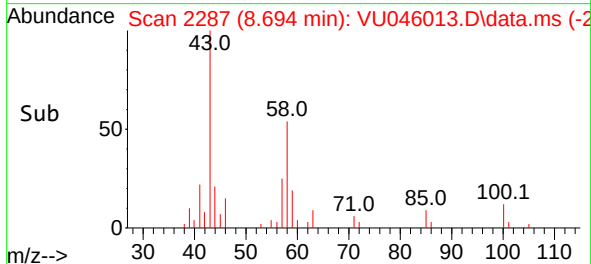
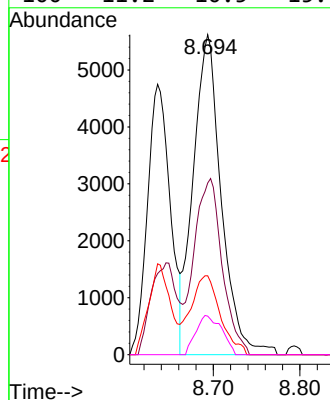
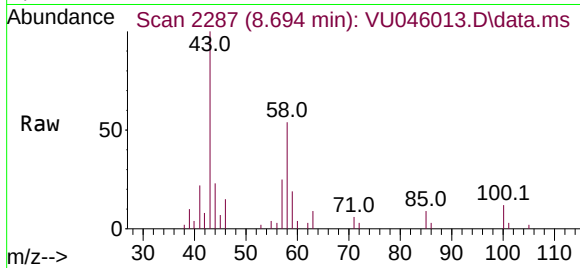




#48
2-Hexanone
Concen: 4.035 ug/L
RT: 8.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046013.D
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Tgt Ion:	43	Resp:	12657
Ion	Ratio	Lower	Upper
43	100		
58	54.7	46.7	70.1
57	26.0	16.3	24.5#
100	11.2	10.5	15.7



#61
1,2,3-Trichloropropane
Concen: 1.223 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046013.D
Acq: 26 Nov 2021 12:36

Tgt Ion:	75	Resp:	5035
Ion	Ratio	Lower	Upper
75	100		
110	1.3	29.9	44.9#
77	33.3	25.5	38.3

