

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045987.D
 Acq On : 24 Nov 2021 12:15
 Operator : SY/MD
 Sample : M4825-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:18:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

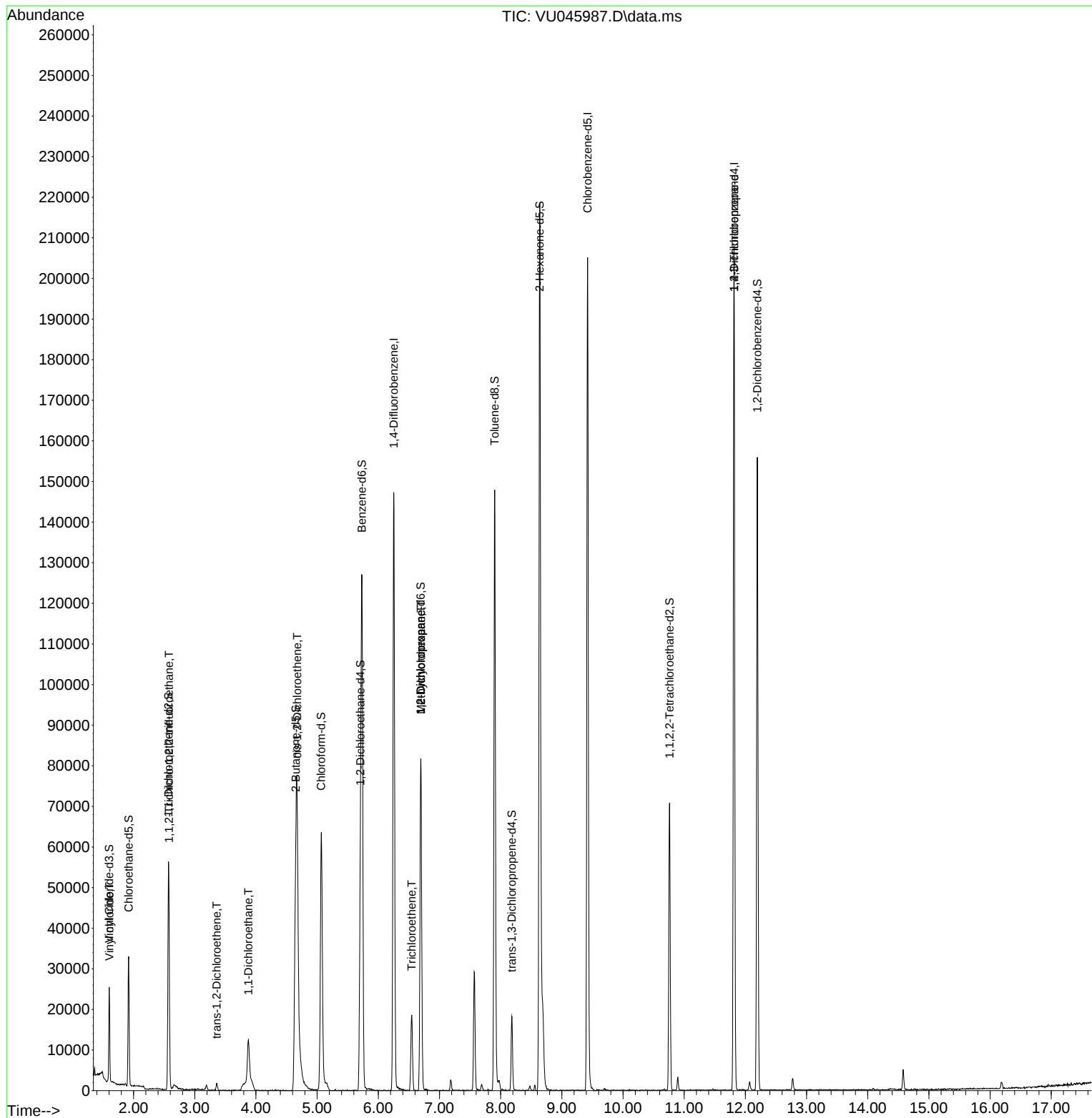
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	121152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	55091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15210	1.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.600%#
7) Chloroethane-d5	1.919	69	23480	3.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.572	65	10694	2.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	4.652	46	119326	46.388	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	5.067	84	58153	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
26) 1,2-Dichloroethane-d4	5.706	65	34985	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
32) Benzene-d6	5.732	84	122340	3.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.694	67	39350	3.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.903	98	100965	3.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.182	79	10972	2.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.400%#
46) 2-Hexanone-d5	8.639	63	82595	43.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.660%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36109	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39664	4.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	1561	0.149	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	326	0.041	ug/L #	21
18) trans-1,2-Dichloroethene	3.359	96	663	0.082	ug/L #	76
19) 1,1-Dichloroethane	3.877	63	12151	0.807	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	21553	2.473	ug/L	99
34) Trichloroethene	6.546	95	6121	0.716	ug/L	95
35) Methylcyclohexane	6.697	83	9510	0.725	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4394	0.504	ug/L #	88
61) 1,2,3-Trichloropropane	11.816	75	7126	1.246	ug/L #	67

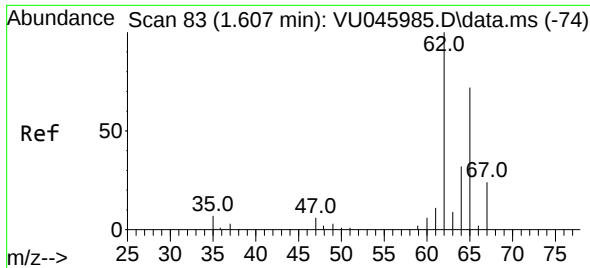
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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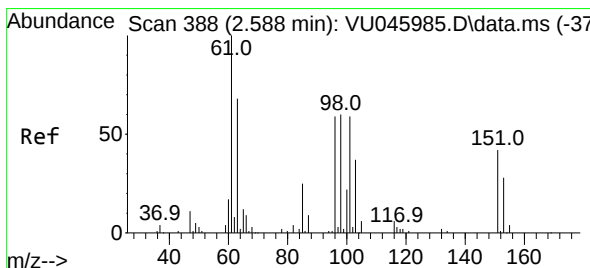
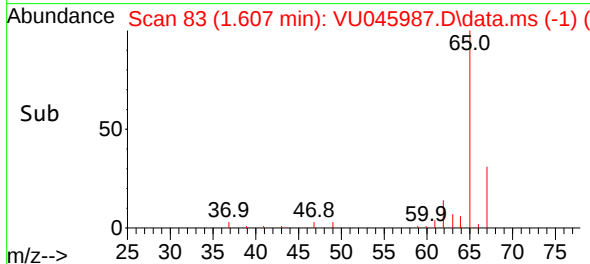
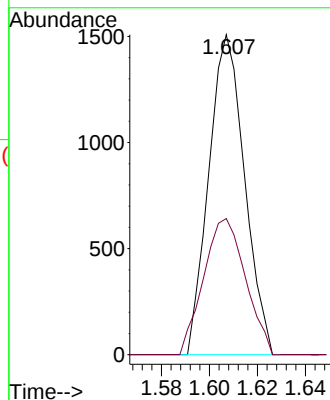
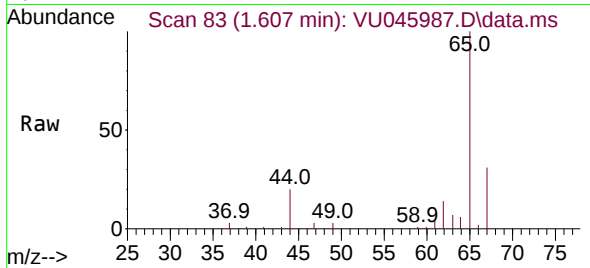




#5
 Vinyl chloride
 Concen: 0.149 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045987.D
 Acq: 24 Nov 2021 12:15

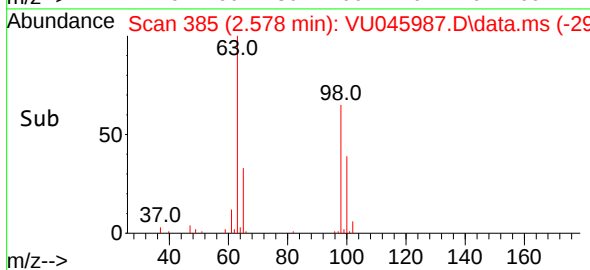
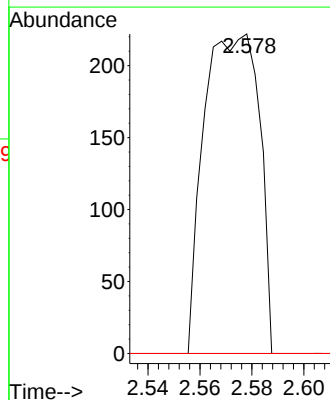
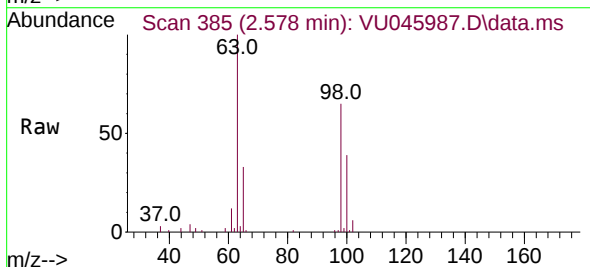
Instrument :
 MSVOA_U
 ClientSampleId :

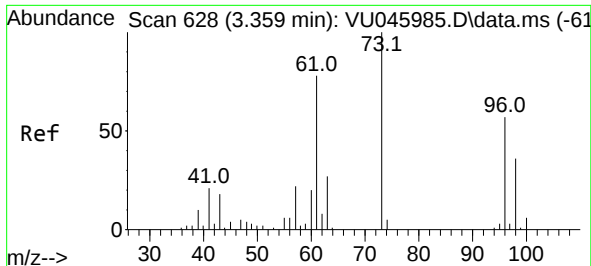
Tgt Ion: 62 Resp: 1561
 Ion Ratio Lower Upper
 62 100
 64 42.6 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.041 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU045987.D
 Acq: 24 Nov 2021 12:15

Tgt Ion: 101 Resp: 326
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#

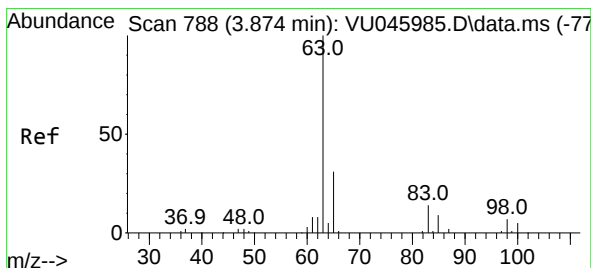
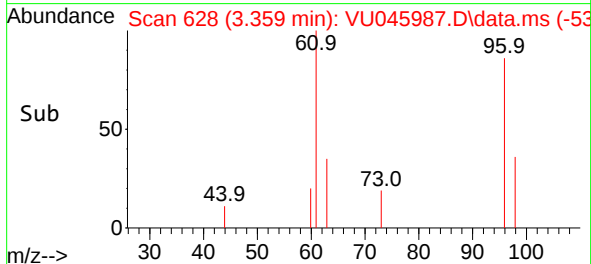
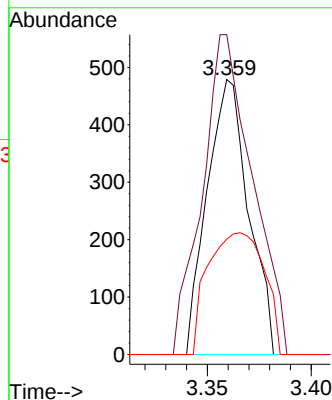
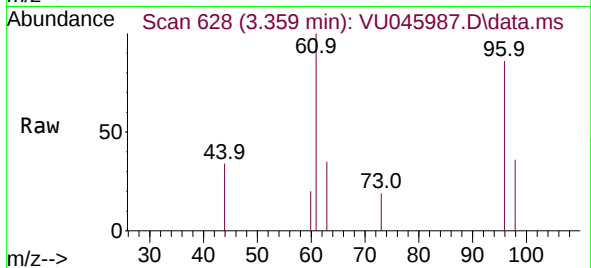




#18
trans-1,2-Dichloroethene
Concen: 0.082 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045987.D
Acq: 24 Nov 2021 12:15

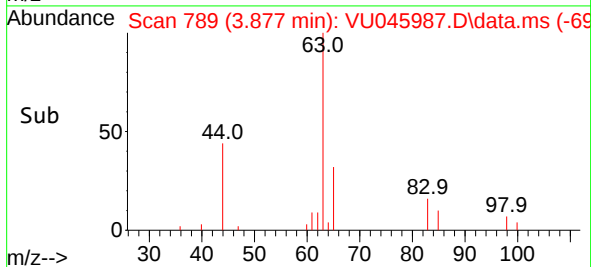
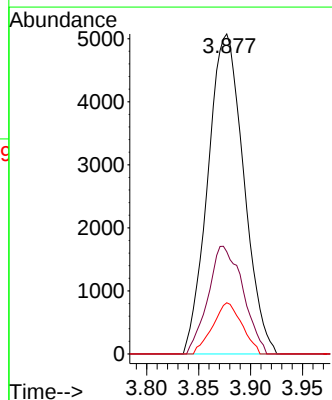
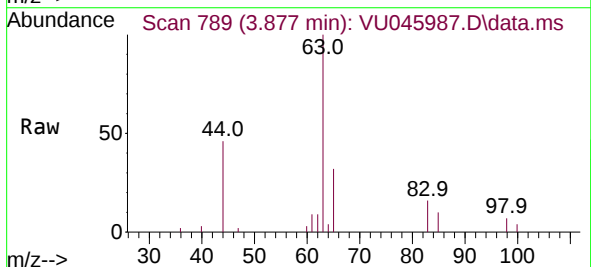
Instrument :
MSVOA_U
ClientSampleId :

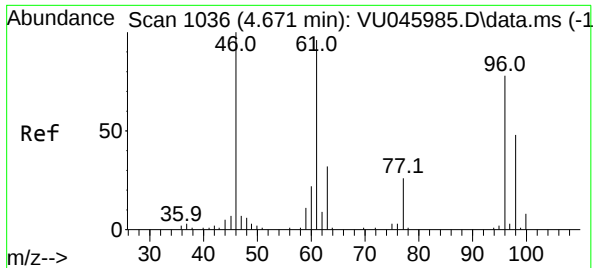
Tgt Ion: 96 Resp: 663
Ion Ratio Lower Upper
96 100
61 116.3 100.8 187.2
98 42.0 45.1 83.7#



#19
1,1-Dichloroethane
Concen: 0.807 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU045987.D
Acq: 24 Nov 2021 12:15

Tgt Ion: 63 Resp: 12151
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 16.0 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 2.473 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

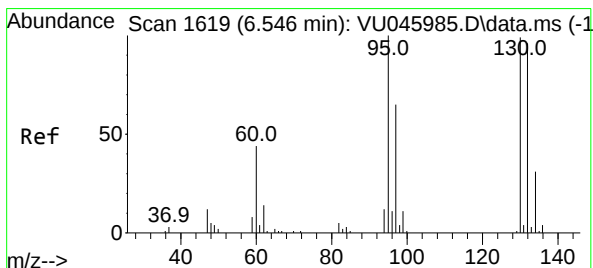
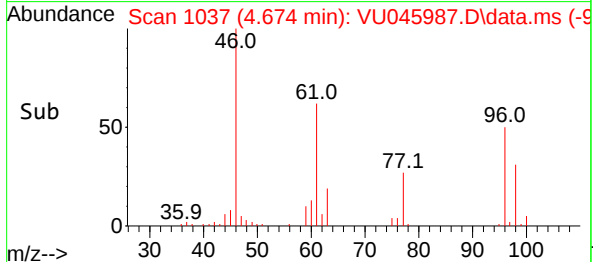
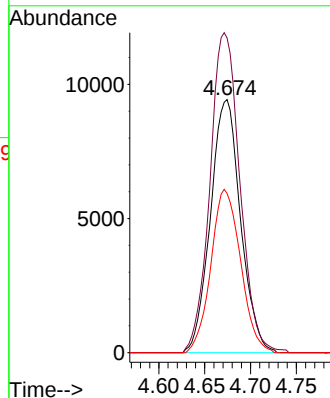
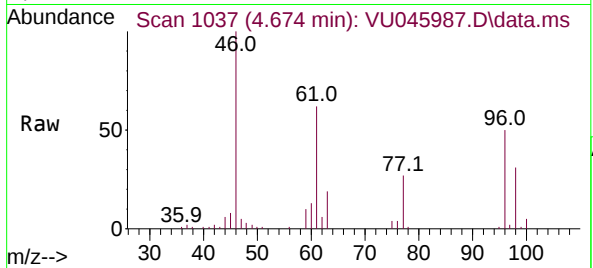
Tgt Ion: 96 Resp: 21553

Ion Ratio Lower Upper

96 100

61 124.3 88.5 164.3

98 62.9 44.4 82.5



#34

Trichloroethene

Concen: 0.716 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

Tgt Ion: 95 Resp: 6121

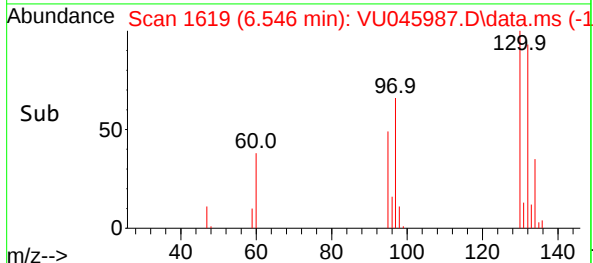
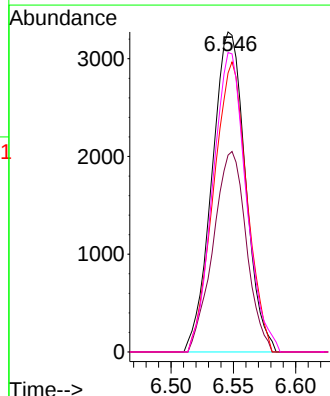
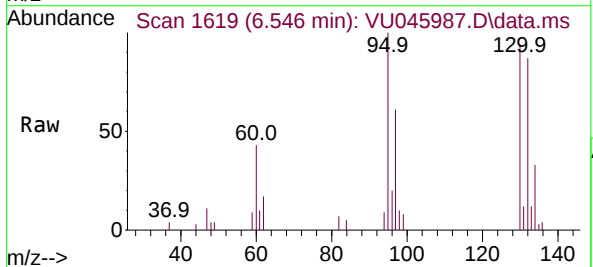
Ion Ratio Lower Upper

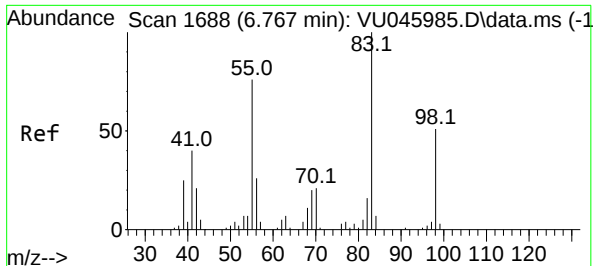
95 100

97 61.5 46.5 86.5

132 87.2 65.1 120.9

130 93.6 67.3 124.9





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU045987.D

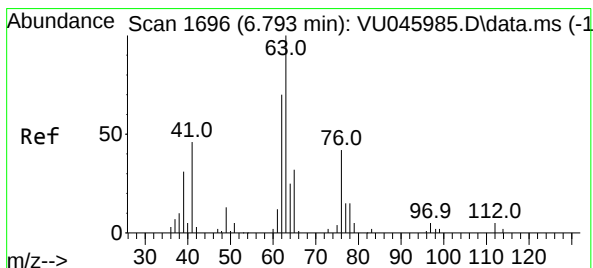
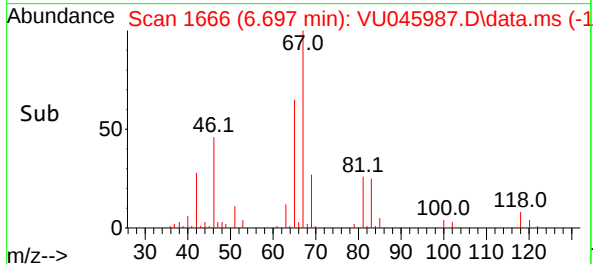
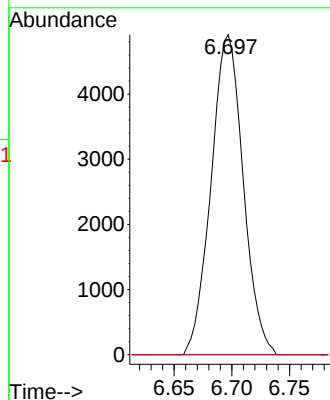
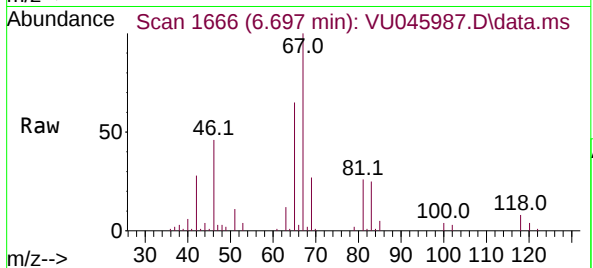
Acq: 24 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9510
Ion Ratio	Lower Upper
83 100	
55 0.0	61.9 92.9#
98 0.5	39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.504 ug/L

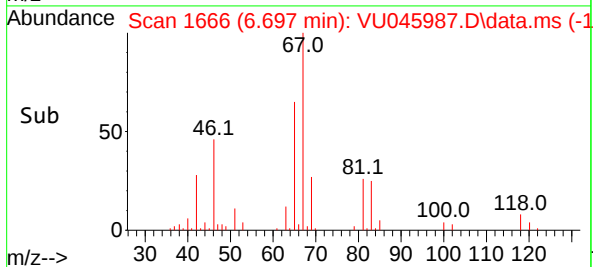
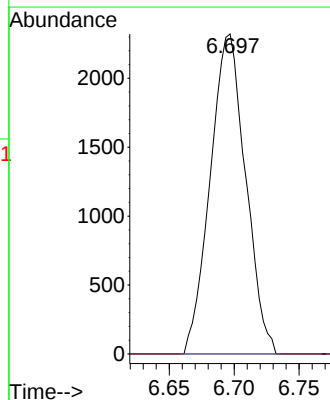
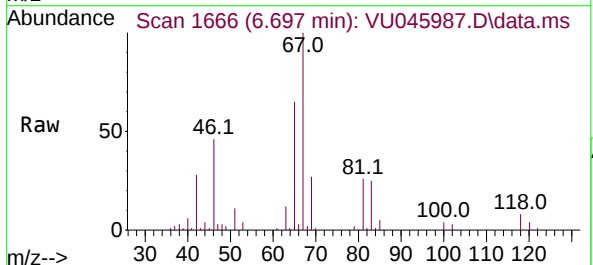
RT: 6.697 min Scan# 1666

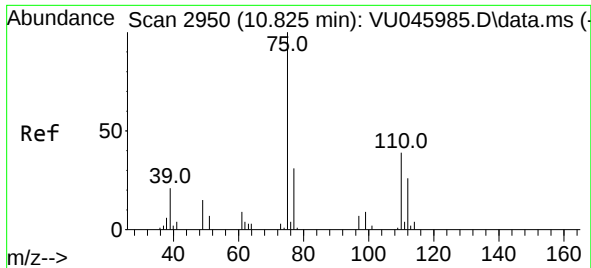
Delta R.T. -0.096 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

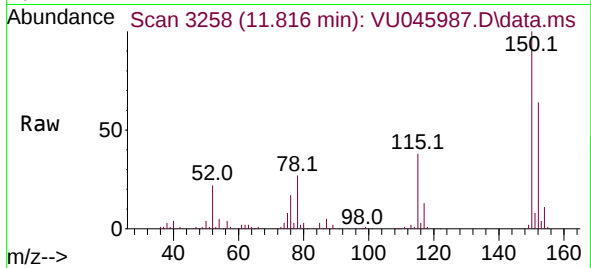
Tgt Ion: 63	Resp: 4394
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.246 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU045987.D
 Acq: 24 Nov 2021 12:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7126
 Ion Ratio Lower Upper
 75 100
 110 1.4 29.9 44.9#
 77 32.3 25.5 38.3

