

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052971.D
 Acq On : 06 Feb 2023 11:26
 Operator : JC/MD
 Sample : 01444-03 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM07

Quant Time: Feb 06 13:42:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

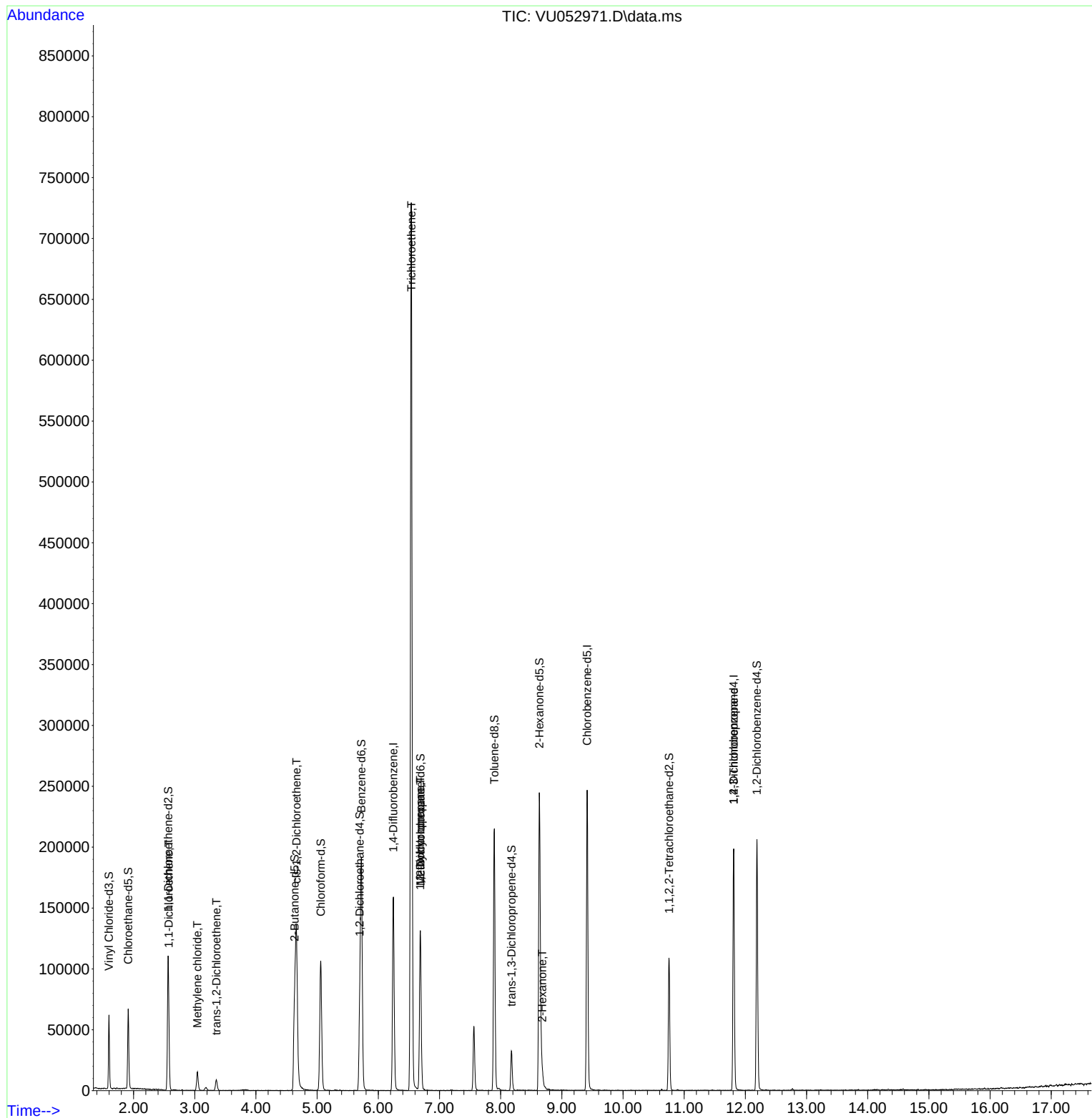
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133725	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.414	117	141867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42176	3.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.913	69	49651	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.565	65	20124	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.633	46	118102	37.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.200%
24) Chloroform-d	5.060	84	103512	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.697	65	52133	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	190702	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.687	67	62285	4.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.896	98	149946	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.176	79	20087	3.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.632	63	80121	33.848	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.700%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53670	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	56398	5.380	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	4505	0.389	ug/L	# 1
16) Methylene chloride	3.041	84	7561	0.490	ug/L	88
18) trans-1,2-Dichloroethene	3.353	96	4335	0.367	ug/L	87
22) cis-1,2-Dichloroethene	4.662	96	56103	4.418	ug/L	87
34) Trichloroethene	6.539	95	249670	18.797	ug/L	93
35) Methylcyclohexane	6.687	83	15756	0.718	ug/L	# 16
37) 1,2-Dichloropropane	6.684	63	6723	0.446	ug/L	# 89
48) 2-Hexanone	8.681	43	4146	0.657	ug/L	# 45
61) 1,2,3-Trichloropropane	11.809	75	5779	0.863	ug/L	# 62

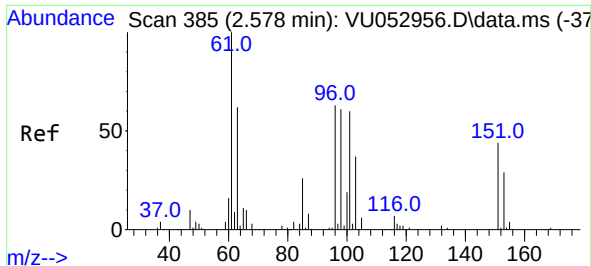
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.389 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052971.D

Acq: 06 Feb 2023 11:26

Instrument :

MSVOA_U

ClientSampleId :

COM07

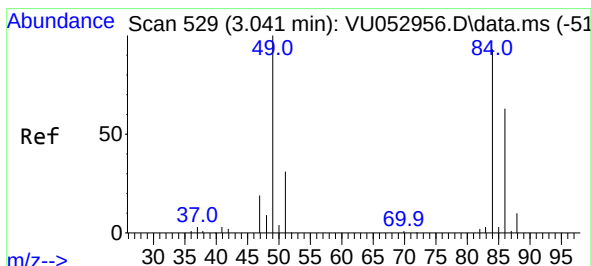
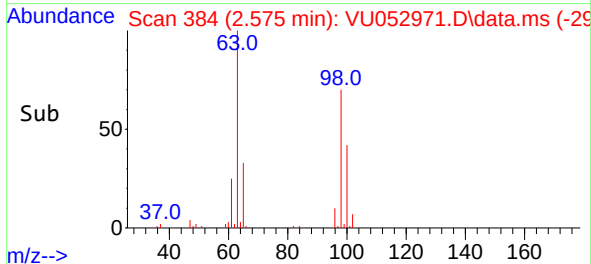
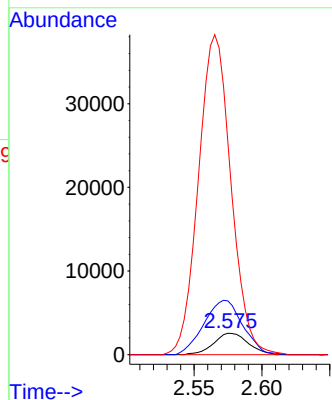
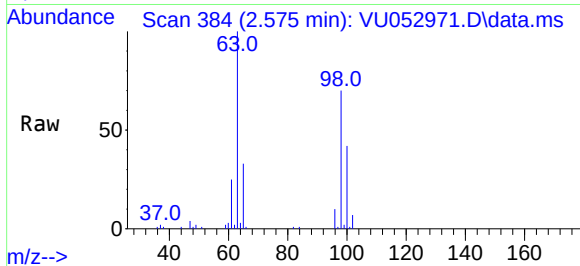
Tgt Ion: 96 Resp: 4505

Ion Ratio Lower Upper

96 100

61 250.3 129.6 240.8#

63 988.6 83.7 155.5#



#16

Methylene chloride

Concen: 0.490 ug/L

RT: 3.041 min Scan# 529

Delta R.T. 0.000 min

Lab File: VU052971.D

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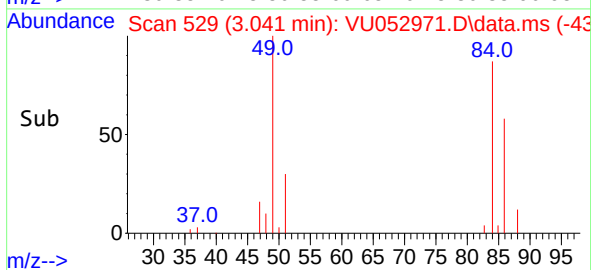
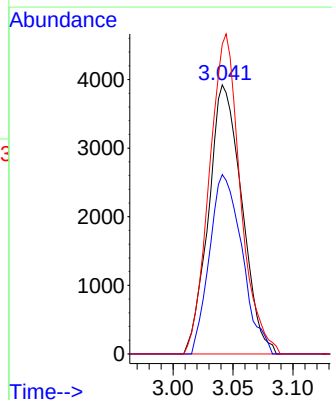
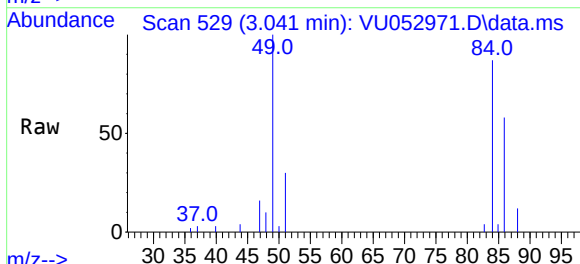
Tgt Ion: 84 Resp: 7561

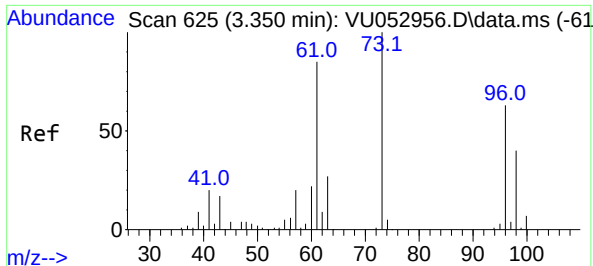
Ion Ratio Lower Upper

84 100

86 66.6 45.6 84.6

49 115.1 94.8 176.0

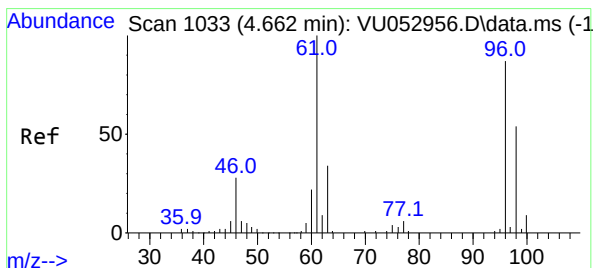
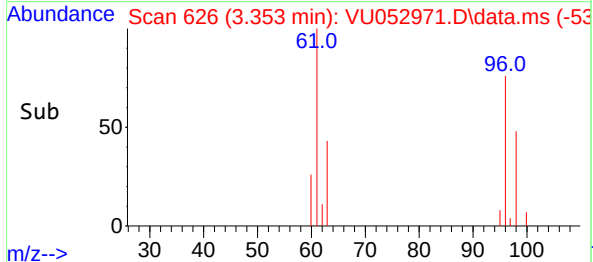
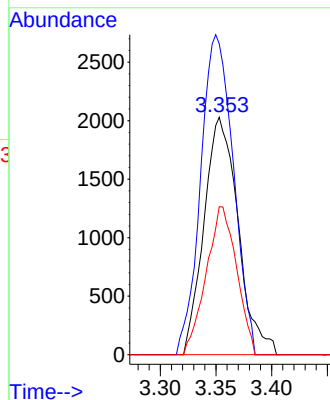
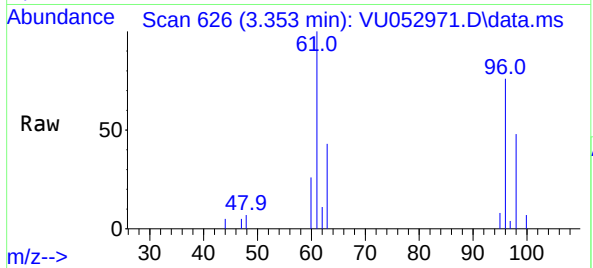




#18
trans-1,2-Dichloroethene
Concen: 0.367 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052971.D
Acq: 06 Feb 2023 11:26

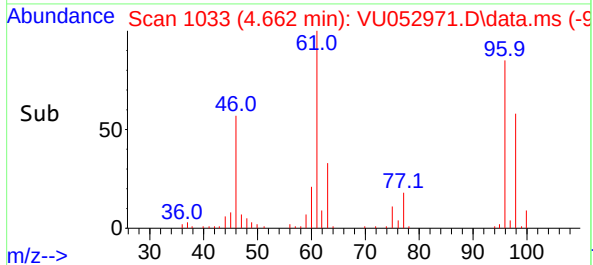
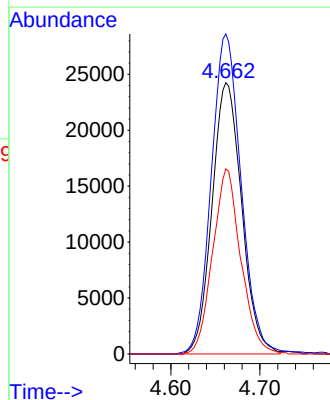
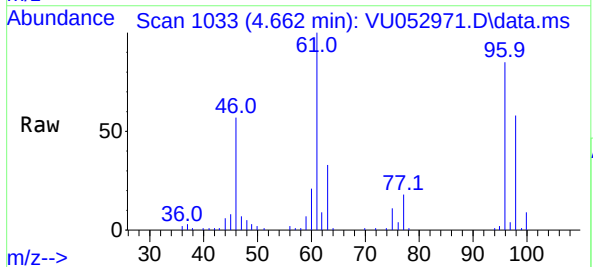
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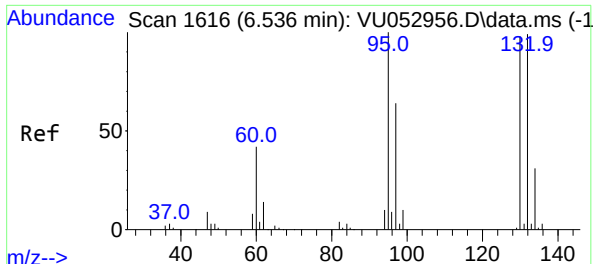
Tgt Ion: 96 Resp: 4335
Ion Ratio Lower Upper
96 100
61 131.0 108.4 201.4
98 62.3 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 4.418 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052971.D
Acq: 06 Feb 2023 11:26

Tgt Ion: 96 Resp: 56103
Ion Ratio Lower Upper
96 100
61 117.9 94.6 175.8
98 68.2 43.3 80.3

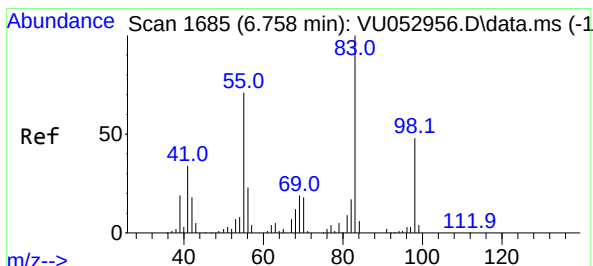
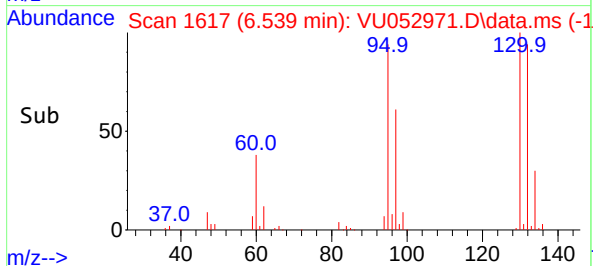
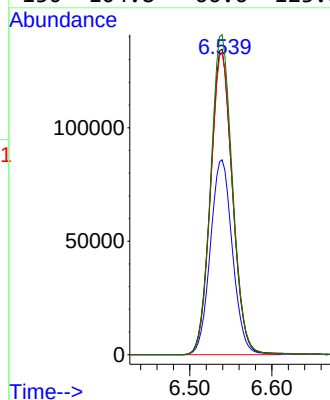
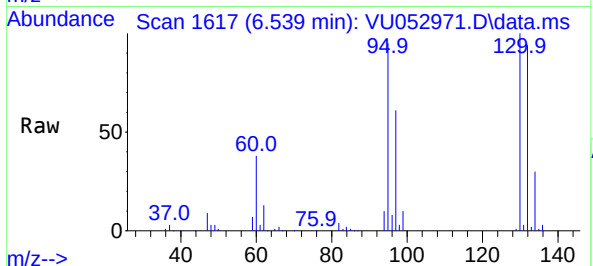




#34
Trichloroethene
Concen: 18.797 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052971.D
Acq: 06 Feb 2023 11:26

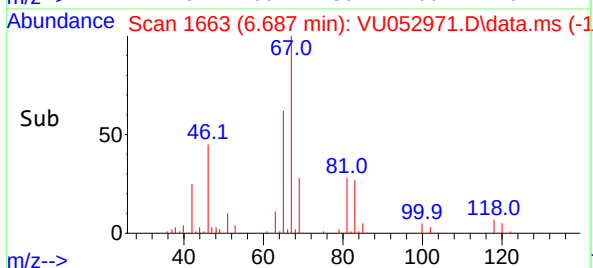
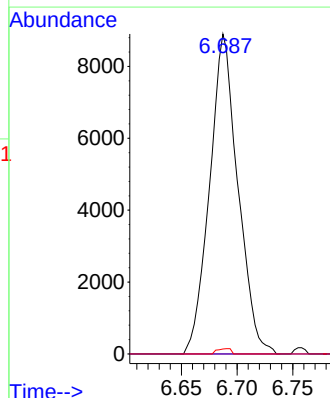
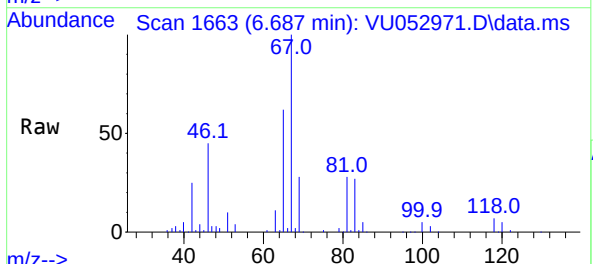
Instrument :
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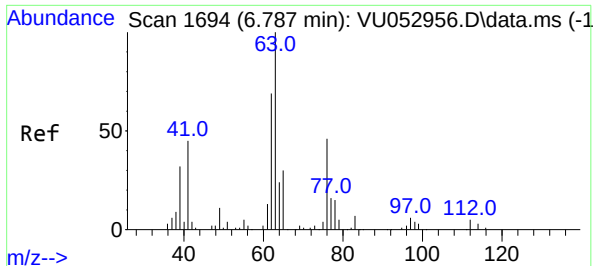
Tgt Ion: 95 Resp: 249670
Ion Ratio Lower Upper
95 100
97 63.8 46.0 85.4
132 99.0 64.0 118.8
130 104.8 66.6 123.8



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052971.D
Acq: 06 Feb 2023 11:26

Tgt Ion: 83 Resp: 15756
Ion Ratio Lower Upper
83 100
55 0.0 67.6 101.4#
98 1.5 37.1 55.7#

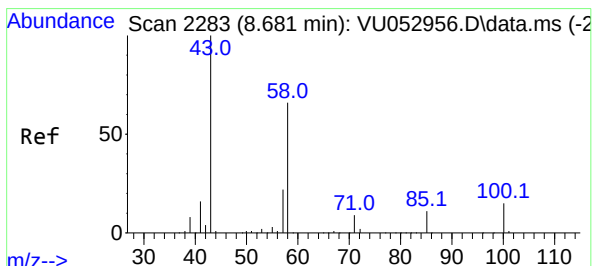
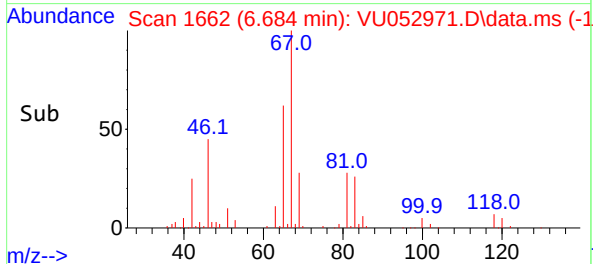
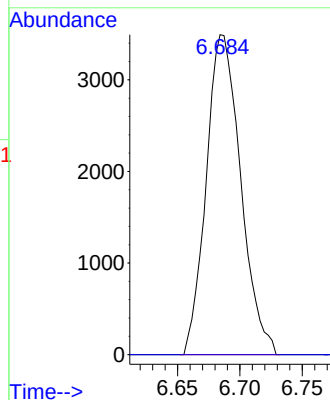
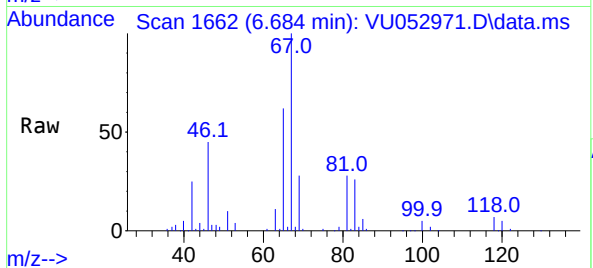




#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052971.D
Acq: 06 Feb 2023 11:26

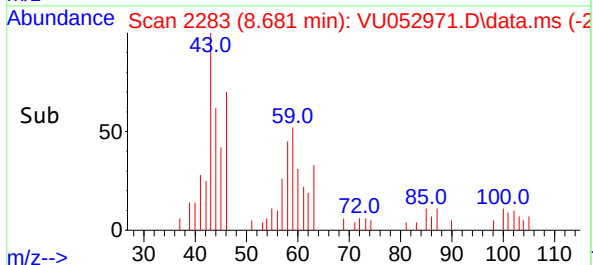
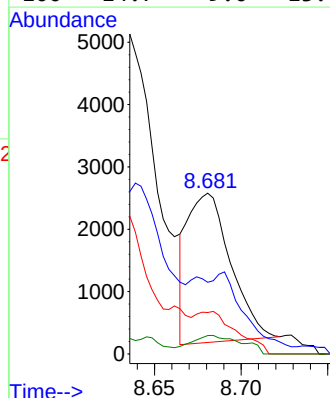
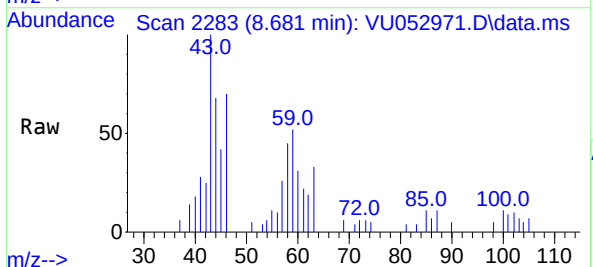
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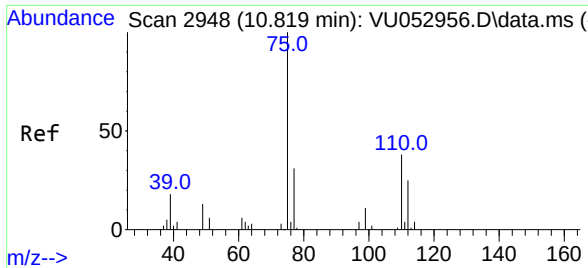
Tgt Ion: 63 Resp: 6723
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#48
2-Hexanone
Concen: 0.657 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU052971.D
Acq: 06 Feb 2023 11:26

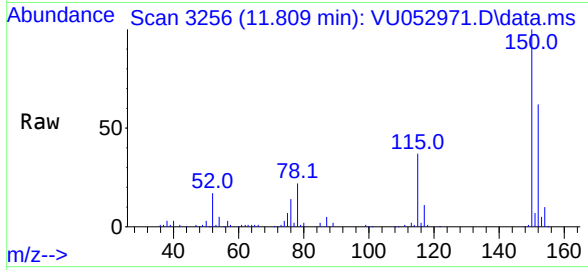
Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
58 0.0 45.1 67.7#
57 26.5 15.1 22.7#
100 14.7 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.863 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052971.D
 Acq: 06 Feb 2023 11:26

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 5779
 Ion Ratio Lower Upper
 75 100
 110 0.0 27.2 40.8#
 77 37.2 24.0 36.0#

