

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052991.D
 Acq On : 06 Feb 2023 19:56
 Operator : JC/MD
 Sample : 01444-05 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM09

Quant Time: Feb 07 01:10:21 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)

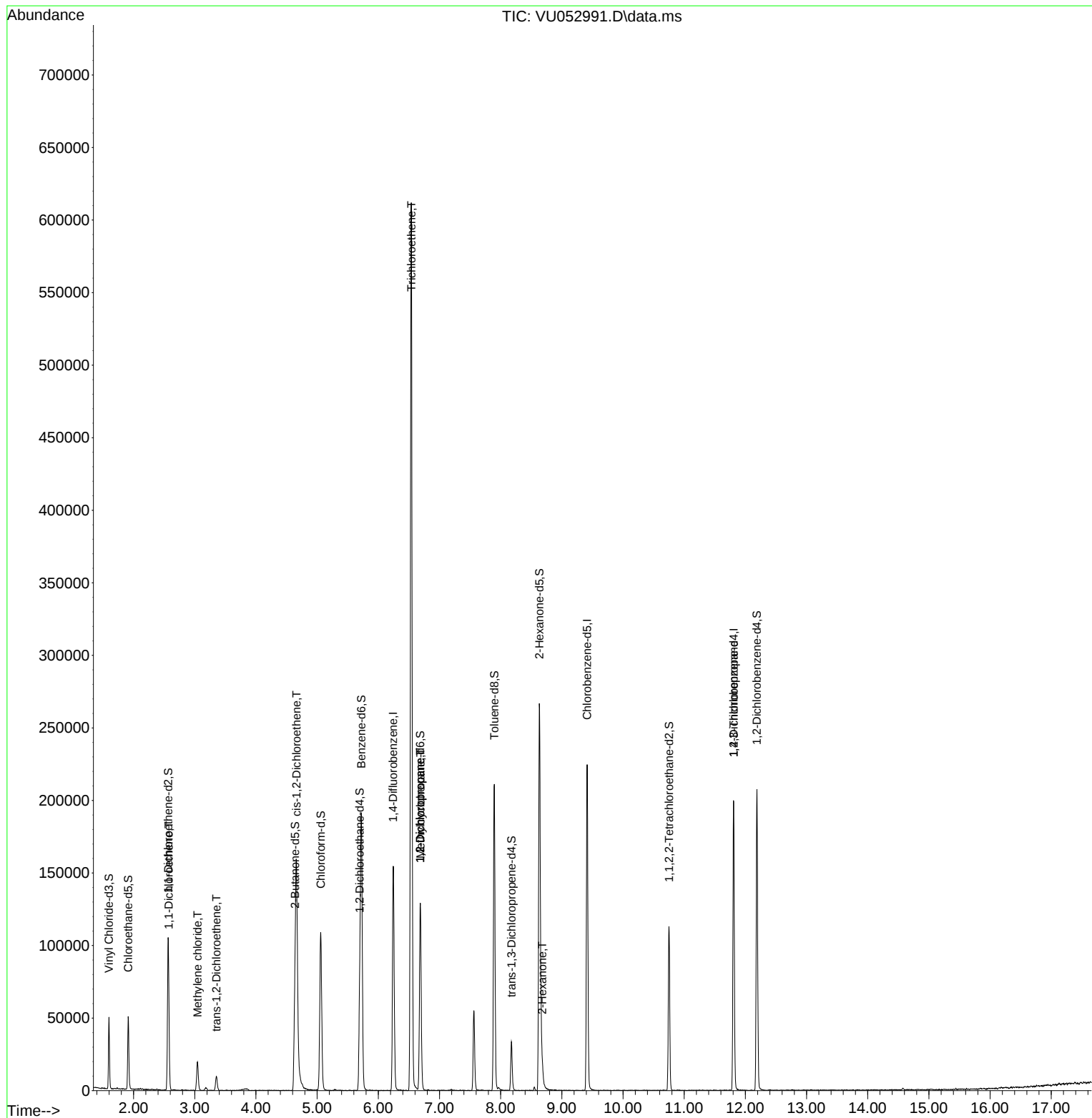
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	134860	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.414	117	134415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34738	2.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.912	69	37818	3.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.565	65	18983	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.639	46	135162	42.666	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.340%
24) Chloroform-d	5.060	84	106028	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.697	65	54331	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.723	84	189761	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.684	67	63545	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.896	98	147581	3.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.176	79	19794	3.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.632	63	90009	40.133	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	57032	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	59049	5.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	4187	0.358	ug/L	# 1
16) Methylene chloride	3.044	84	10241	0.658	ug/L	85
18) trans-1,2-Dichloroethene	3.353	96	4535	0.380	ug/L	75
22) cis-1,2-Dichloroethene	4.661	96	64710	5.053	ug/L	87
34) Trichloroethene	6.539	95	211016	16.768	ug/L	92
35) Methylcyclohexane	6.687	83	15899	0.765	ug/L	# 15
37) 1,2-Dichloropropane	6.684	63	7059	0.494	ug/L	# 89
48) 2-Hexanone	8.681	43	4941	0.826	ug/L	# 43
61) 1,2,3-Trichloropropane	11.809	75	5618	0.843	ug/L	# 64

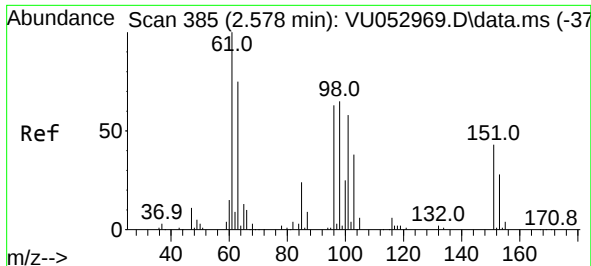
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.358 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU052991.D

Acq: 06 Feb 2023 19:56

Instrument :

MSVOA_U

ClientSampleId :

COM09

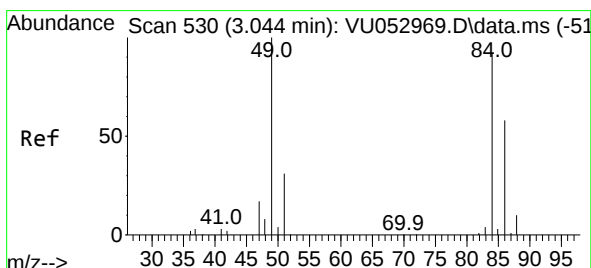
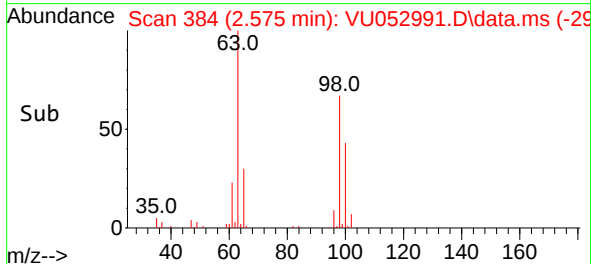
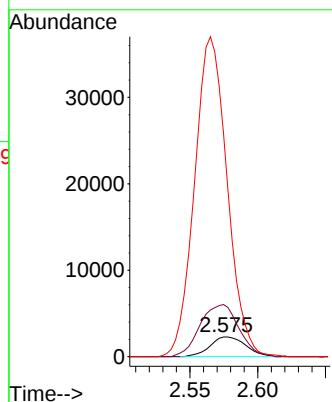
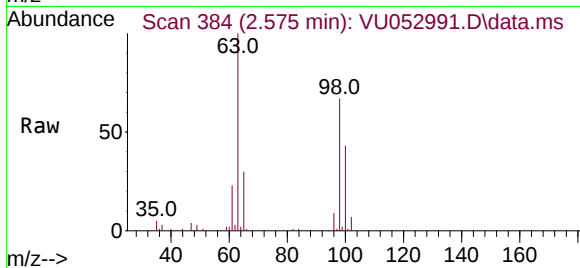
Tgt Ion: 96 Resp: 4187

Ion Ratio Lower Upper

96 100

61 264.6 129.6 240.8#

63 1131.9 83.7 155.5#



#16

Methylene chloride

Concen: 0.658 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU052991.D

Acq: 06 Feb 2023 19:56

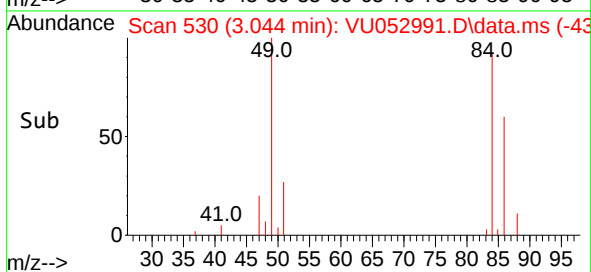
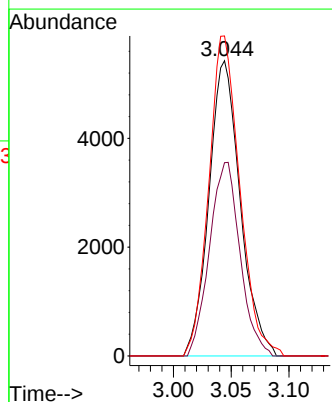
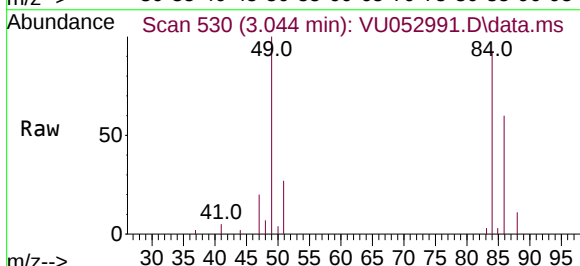
Tgt Ion: 84 Resp: 10241

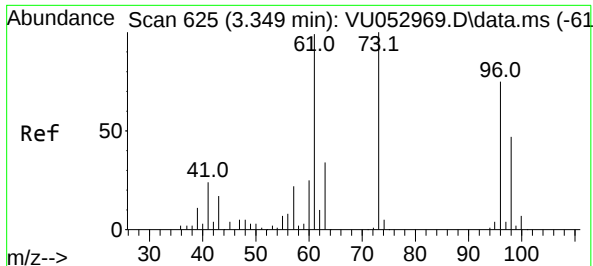
Ion Ratio Lower Upper

84 100

86 65.5 45.6 84.6

49 108.4 94.8 176.0

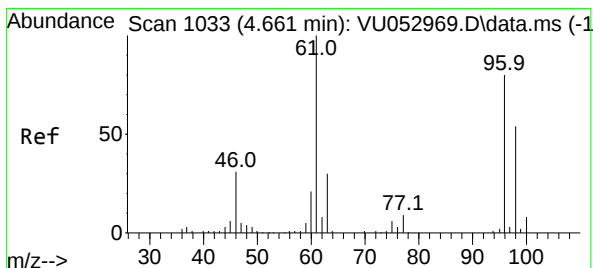
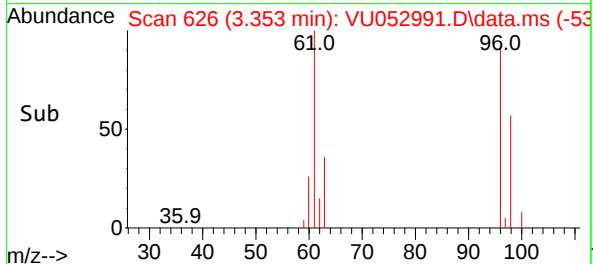
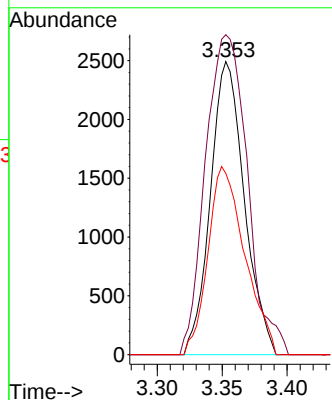
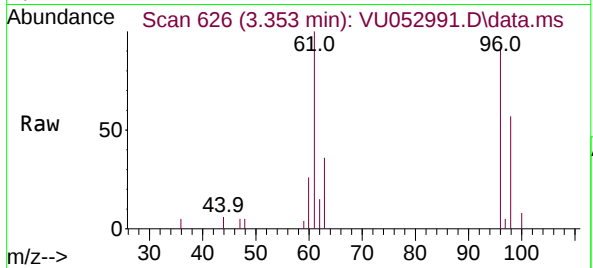




#18
trans-1,2-Dichloroethene
Concen: 0.380 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052991.D
Acq: 06 Feb 2023 19:56

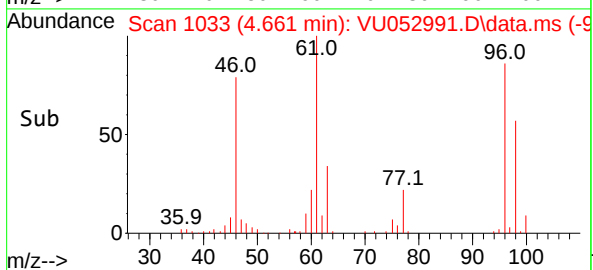
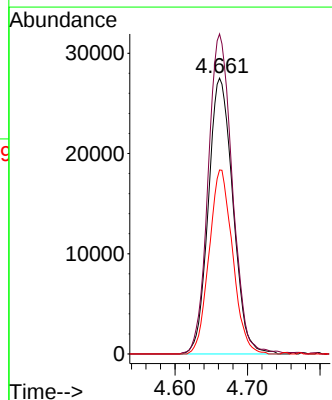
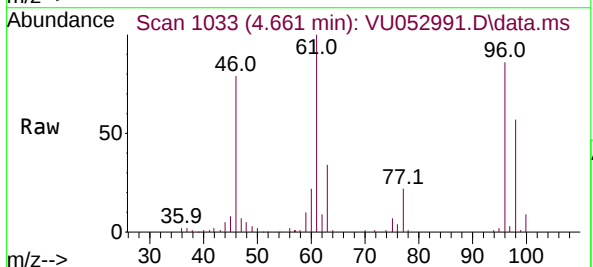
Instrument :
MSVOA_U
ClientSampleId :
COM09

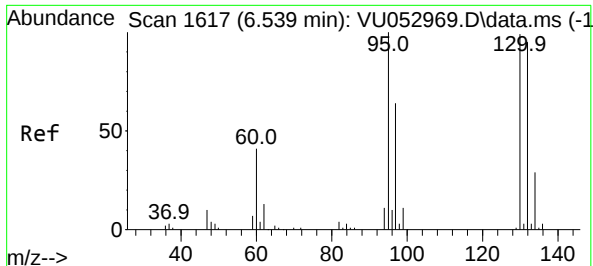
Tgt Ion: 96 Resp: 4535
Ion Ratio Lower Upper
96 100
61 109.1 108.4 201.4
98 61.8 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 5.053 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052991.D
Acq: 06 Feb 2023 19:56

Tgt Ion: 96 Resp: 64710
Ion Ratio Lower Upper
96 100
61 116.0 94.6 175.8
98 66.7 43.3 80.3

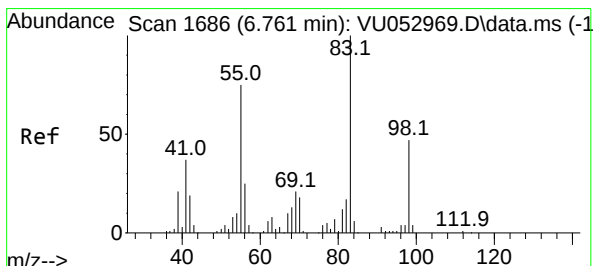
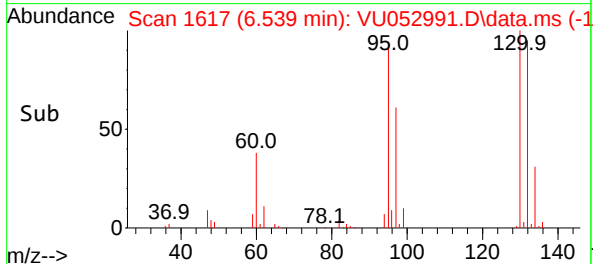
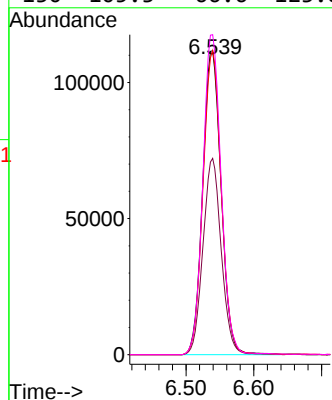
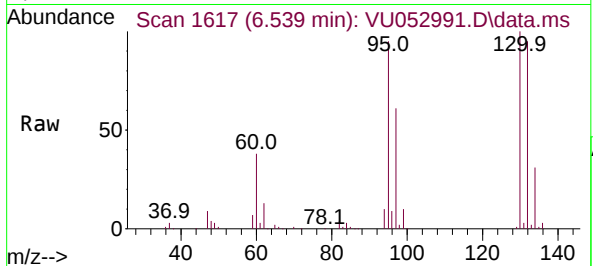




#34
Trichloroethene
Concen: 16.768 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052991.D
Acq: 06 Feb 2023 19:56

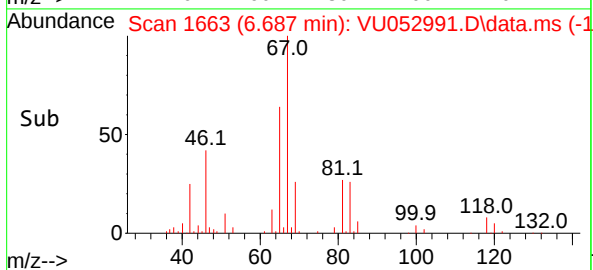
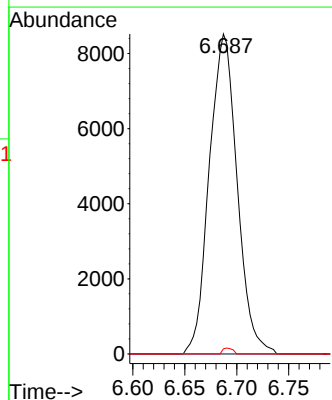
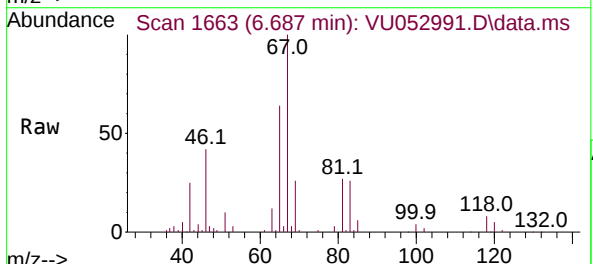
Instrument :
MSVOA_U
ClientSampleId :
COM09

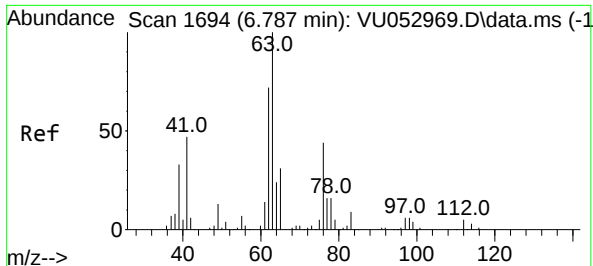
Tgt Ion: 95 Resp: 211016
Ion Ratio Lower Upper
95 100
97 64.6 46.0 85.4
132 100.2 64.0 118.8
130 105.3 66.6 123.8



#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052991.D
Acq: 06 Feb 2023 19:56

Tgt Ion: 83 Resp: 15899
Ion Ratio Lower Upper
83 100
55 0.0 67.6 101.4#
98 0.0 37.1 55.7#





#37

1,2-Dichloropropane

Concen: 0.494 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052991.D

Acq: 06 Feb 2023 19:56

Instrument :

MSVOA_U

ClientSampleId :

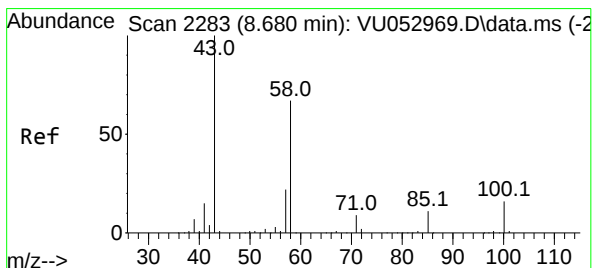
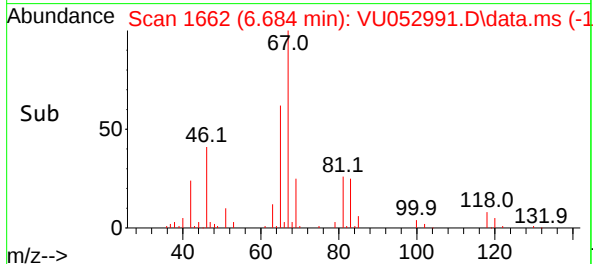
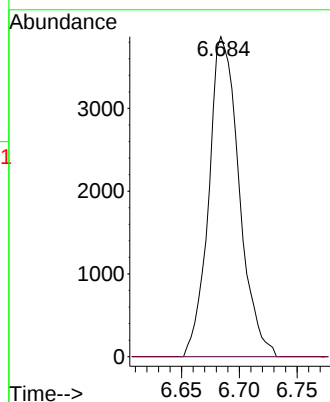
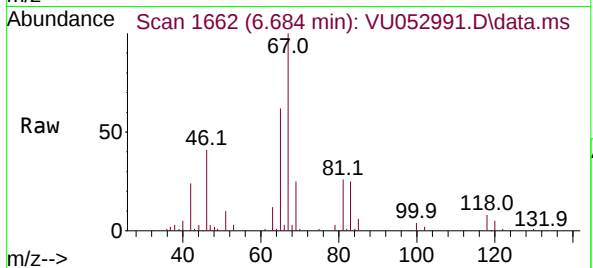
COM09

Tgt Ion: 63 Resp: 7059

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#48

2-Hexanone

Concen: 0.826 ug/L

RT: 8.681 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VU052991.D

Acq: 06 Feb 2023 19:56

Tgt Ion: 43 Resp: 4941

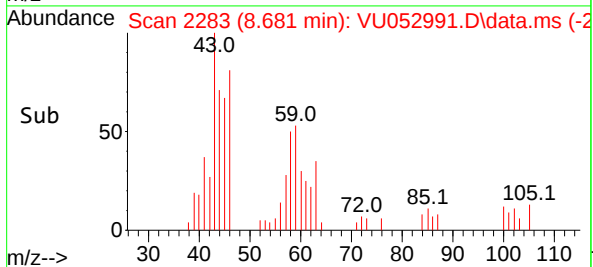
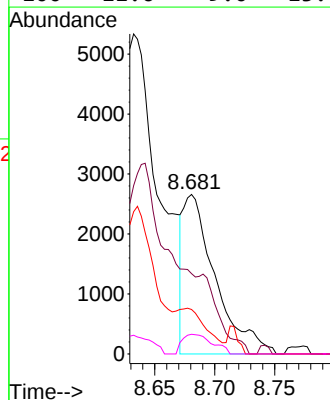
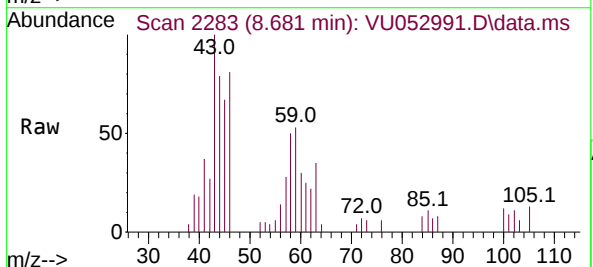
Ion Ratio Lower Upper

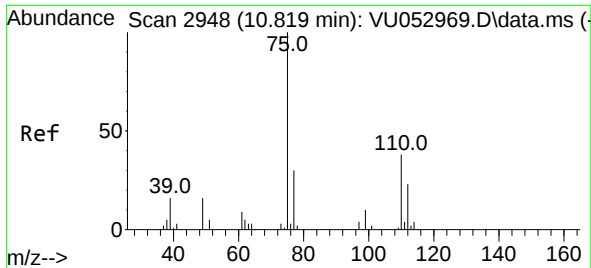
43 100

58 0.0 45.1 67.7#

57 5.8 15.1 22.7#

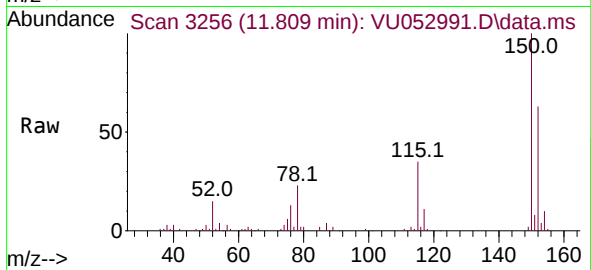
100 11.6 9.0 13.4





#61
1,2,3-Trichloropropane
Concen: 0.843 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052991.D
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Tgt Ion: 75 Resp: 5618
Ion Ratio Lower Upper
75 100
110 0.0 27.2 40.8#
77 35.5 24.0 36.0

