

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052988.D
 Acq On : 06 Feb 2023 18:43
 Operator : JC/MD
 Sample : 01444-10 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM14

Quant Time: Feb 07 01:09:26 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)

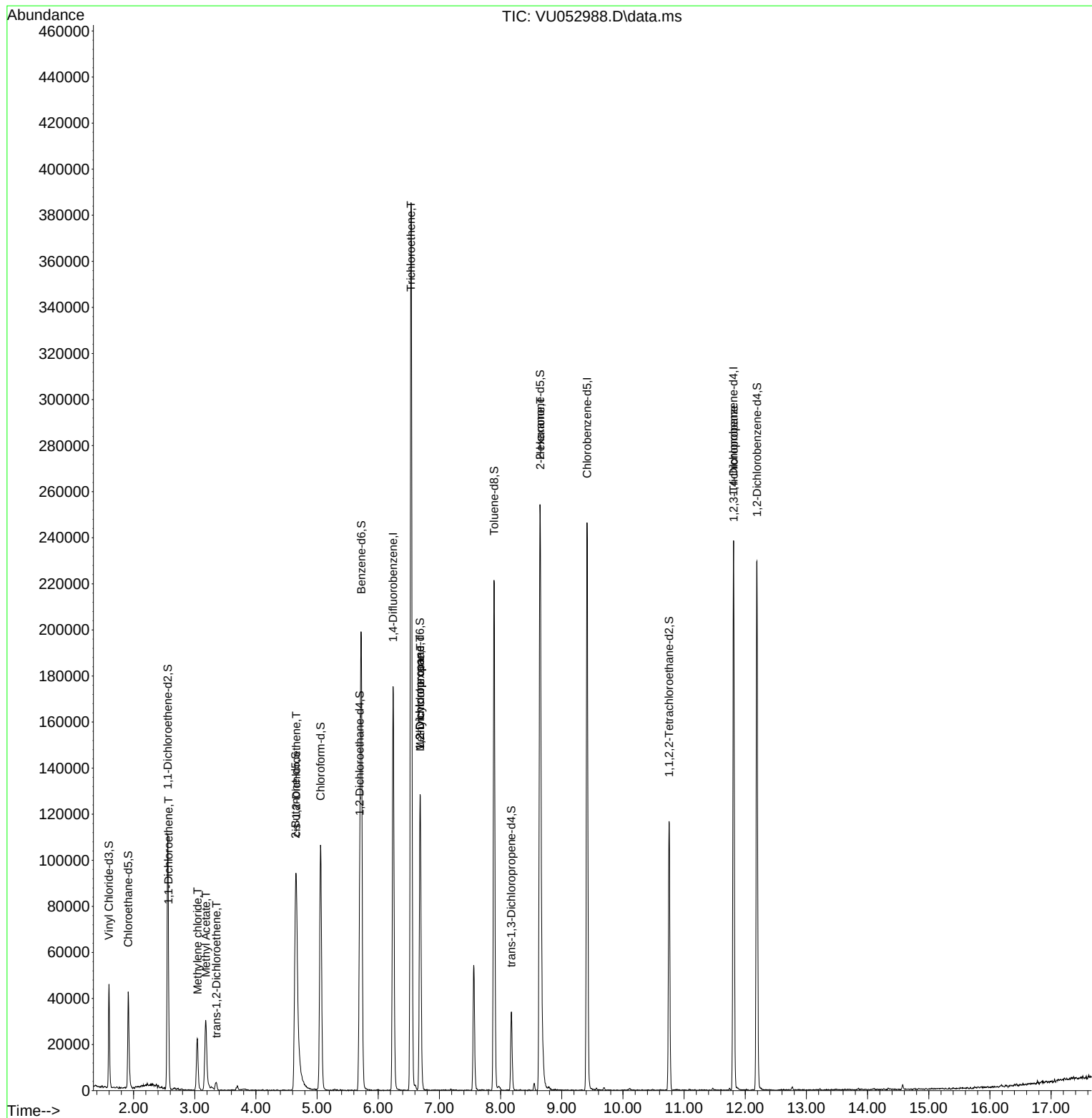
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	149181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	147426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	69000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35367	2.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.000%
7) Chloroethane-d5	1.912	69	37561	3.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.559	65	20226	3.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.649	46	140312	40.040	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.080%
24) Chloroform-d	5.057	84	103900	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.697	65	53616	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.723	84	195563	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.684	67	63420	3.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.893	98	155279	3.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.176	79	20430	3.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.645	63	103511	42.081	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.160%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	57975	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	63962	5.092	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.572	96	2719	0.210	ug/L #	1
15) Methyl Acetate	3.182	43	2233	0.371	ug/L #	54
16) Methylene chloride	3.044	84	12296	0.714	ug/L	75
18) trans-1,2-Dichloroethene	3.353	96	1740	0.132	ug/L	83
22) cis-1,2-Dichloroethene	4.662	96	20728	1.463	ug/L	89
34) Trichloroethene	6.536	95	134370	9.735	ug/L	92
35) Methylcyclohexane	6.687	83	15877	0.697	ug/L #	15
37) 1,2-Dichloropropane	6.684	63	7098	0.453	ug/L #	89
48) 2-Hexanone	8.649	43	12672	1.932	ug/L #	85
61) 1,2,3-Trichloropropane	11.812	75	7074	0.882	ug/L #	65

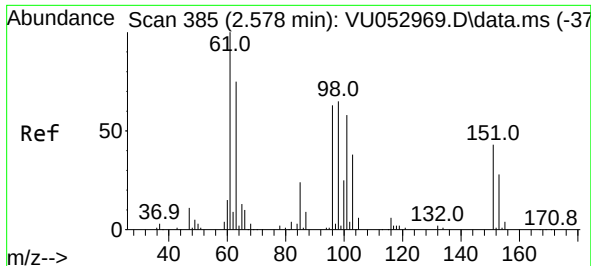
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.210 ug/L

RT: 2.572 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU052988.D

Acq: 06 Feb 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

COM14

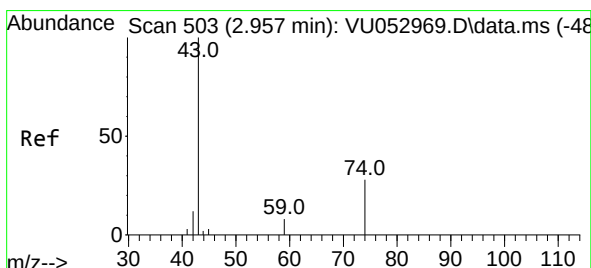
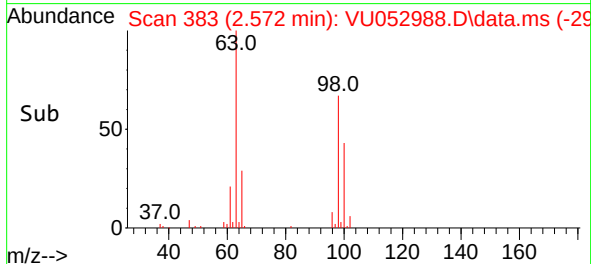
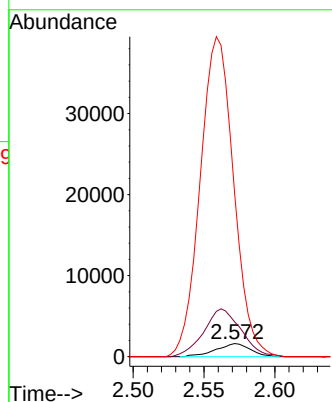
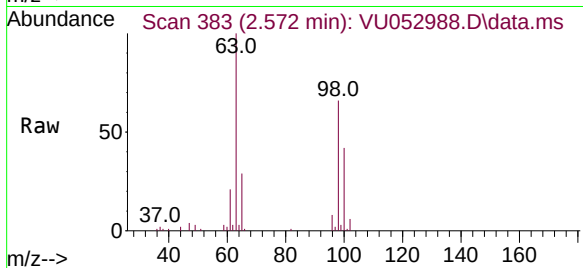
Tgt Ion: 96 Resp: 2719

Ion Ratio Lower Upper

96 100

61 265.0 129.6 240.8#

63 1241.6 83.7 155.5#



#15

Methyl Acetate

Concen: 0.371 ug/L

RT: 3.182 min Scan# 573

Delta R.T. 0.228 min

Lab File: VU052988.D

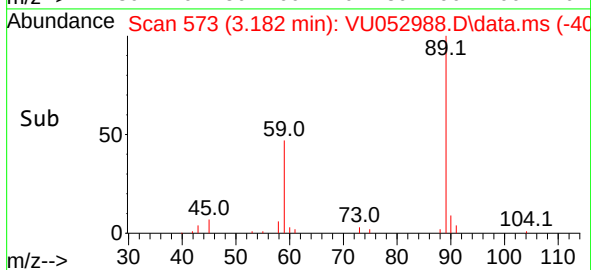
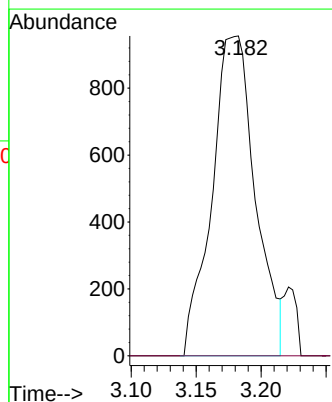
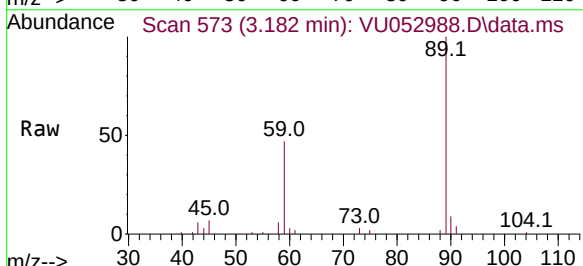
Acq: 06 Feb 2023 18:43

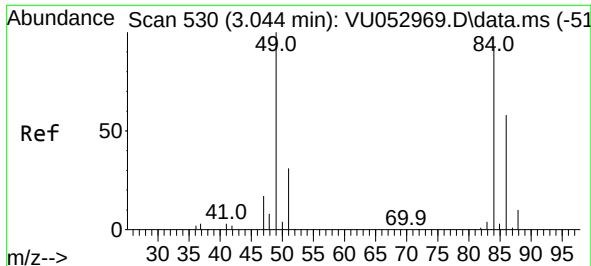
Tgt Ion: 43 Resp: 2233

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#

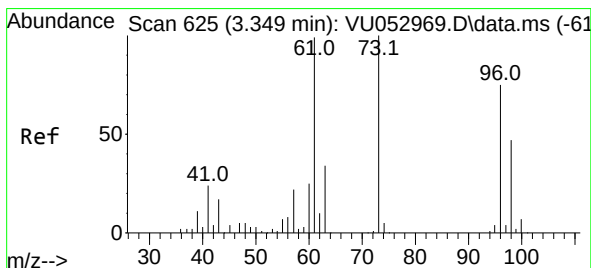
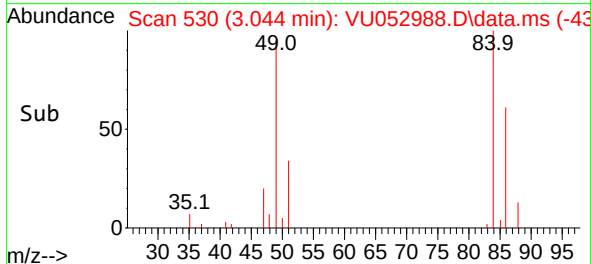
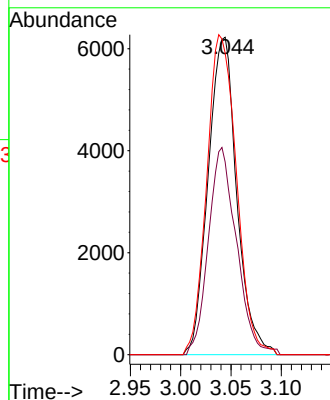
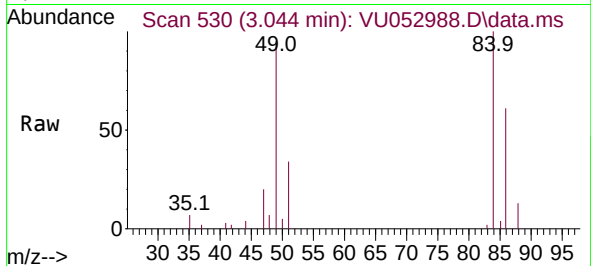




#16
Methylene chloride
Concen: 0.714 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052988.D
Acq: 06 Feb 2023 18:43

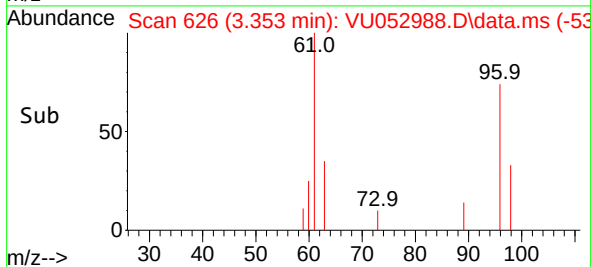
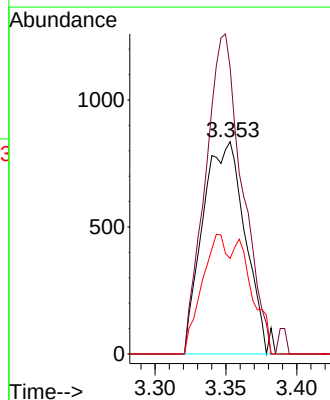
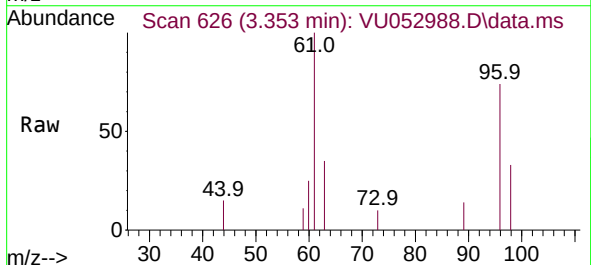
Instrument :
MSVOA_U
ClientSampleId :
COM14

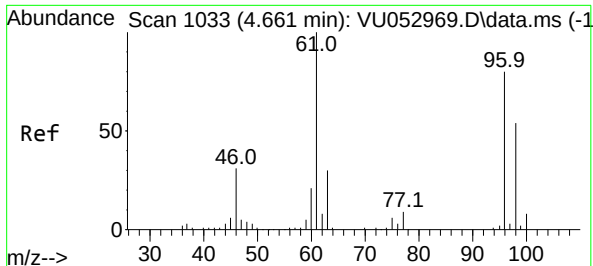
Tgt Ion: 84 Resp: 12296
Ion Ratio Lower Upper
84 100
86 60.7 45.6 84.6
49 95.0 94.8 176.0



#18
trans-1,2-Dichloroethene
Concen: 0.132 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU052988.D
Acq: 06 Feb 2023 18:43

Tgt Ion: 96 Resp: 1740
Ion Ratio Lower Upper
96 100
61 135.0 108.4 201.4
98 45.0 43.8 81.4

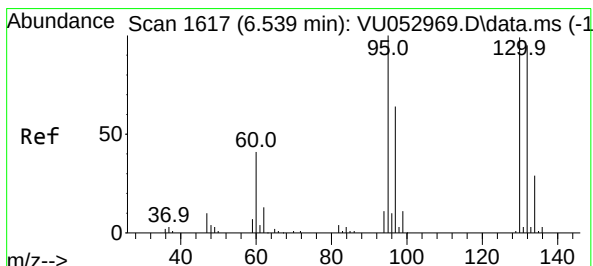
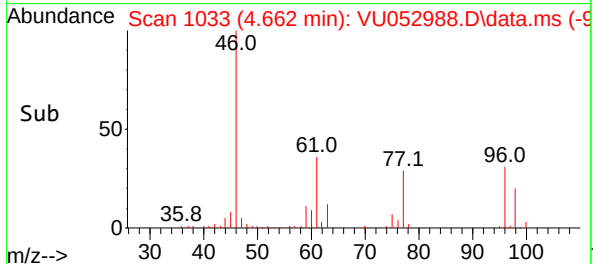
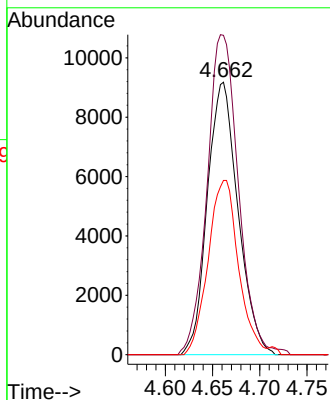
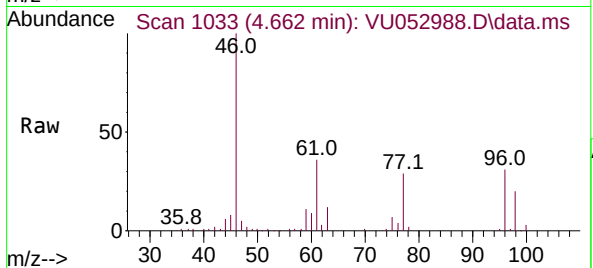




#22
 cis-1,2-Dichloroethene
 Concen: 1.463 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU052988.D
 Acq: 06 Feb 2023 18:43

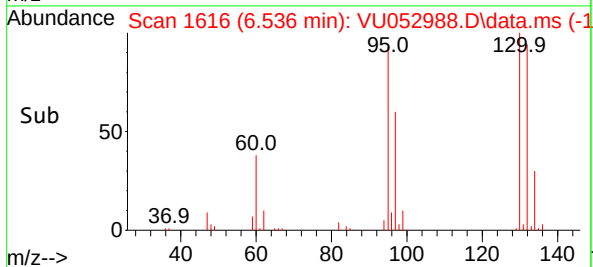
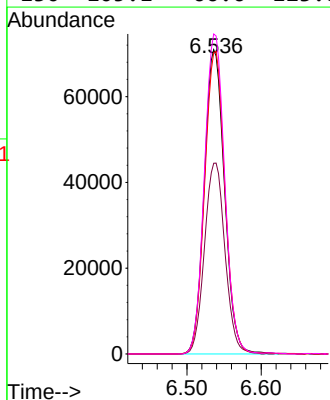
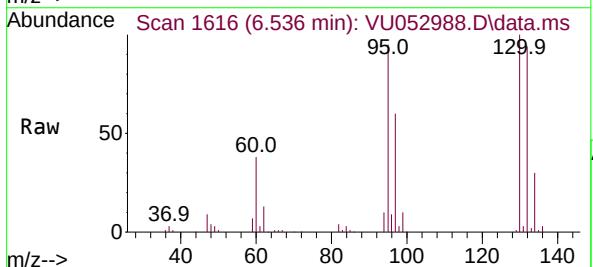
Instrument :
 MSVOA_U
 ClientSampleId :
 COM14

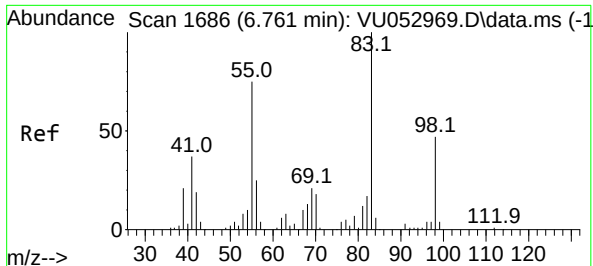
Tgt Ion:	96	Resp:	20728
Ion	Ratio	Lower	Upper
96	100		
61	117.2	94.6	175.8
98	63.9	43.3	80.3



#34
 Trichloroethene
 Concen: 9.735 ug/L
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: VU052988.D
 Acq: 06 Feb 2023 18:43

Tgt Ion:	95	Resp:	134370
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.0	85.4
132	99.0	64.0	118.8
130	105.1	66.6	123.8





#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052988.D

Acq: 06 Feb 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

COM14

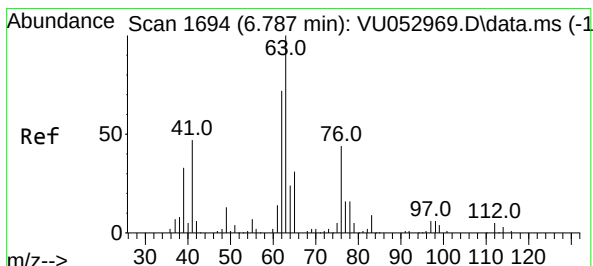
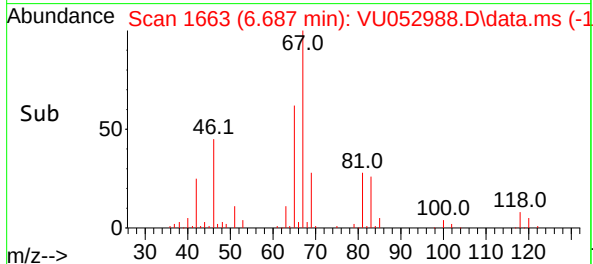
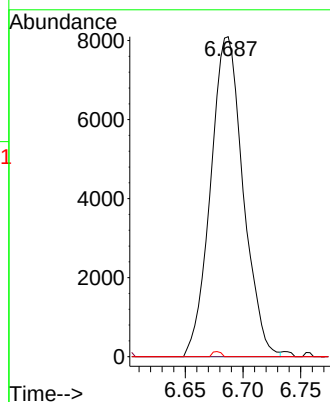
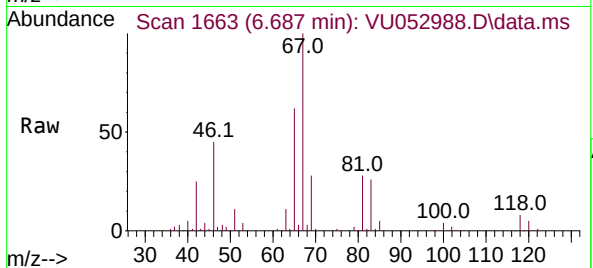
Tgt Ion: 83 Resp: 15877

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: 0.453 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU052988.D

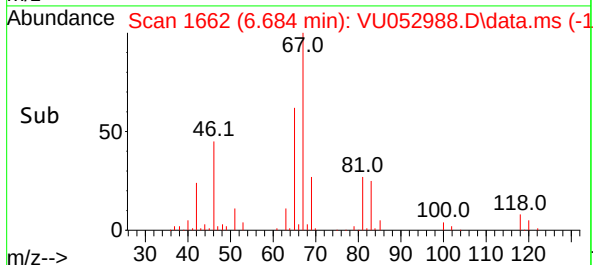
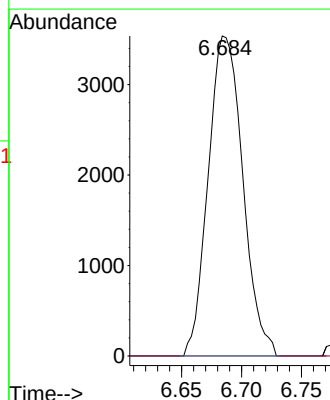
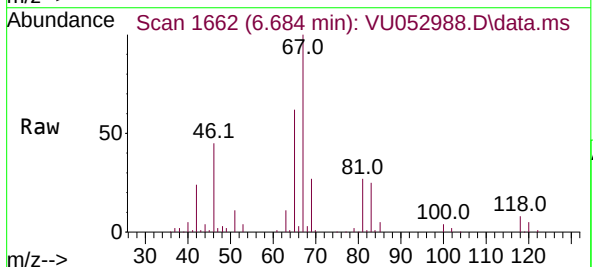
Acq: 06 Feb 2023 18:43

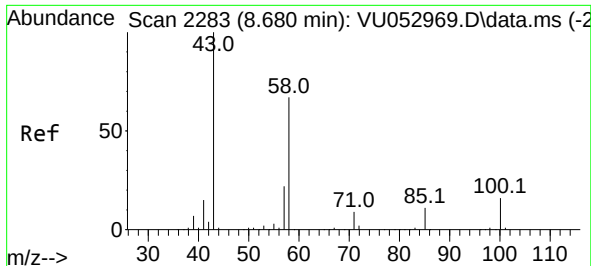
Tgt Ion: 63 Resp: 7098

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#48

2-Hexanone

Concen: 1.932 ug/L

RT: 8.649 min Scan# 21

Delta R.T. -0.032 min

Lab File: VU052988.D

Acq: 06 Feb 2023 18:43

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Tgt Ion: 43 Resp: 12672

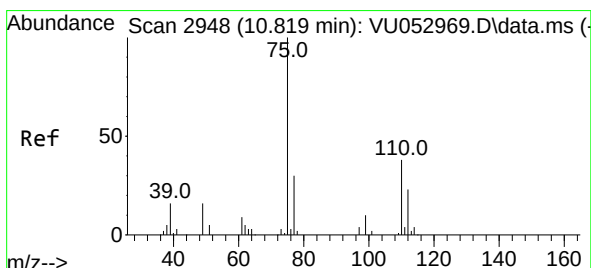
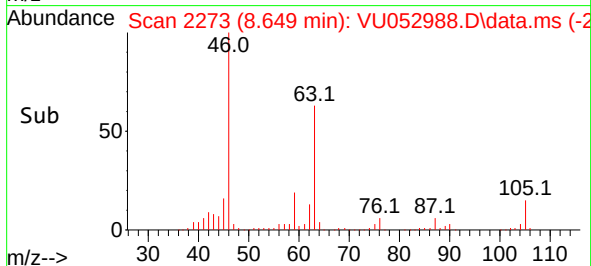
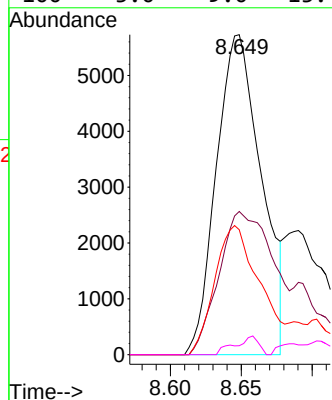
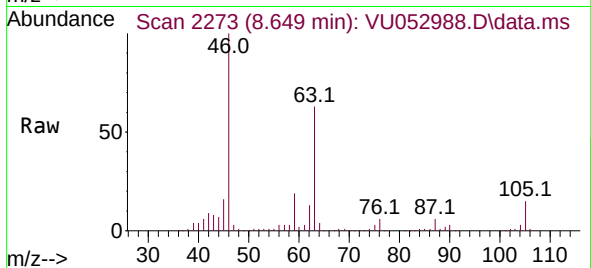
Ion Ratio Lower Upper

43 100

58 54.5 45.1 67.7

57 40.3 15.1 22.7#

100 3.0 9.0 13.4#



#61

1,2,3-Trichloropropane

Concen: 0.882 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.994 min

Lab File: VU052988.D

Acq: 06 Feb 2023 18:43

Tgt Ion: 75 Resp: 7074

Ion Ratio Lower Upper

75 100

110 1.6 27.2 40.8#

77 35.2 24.0 36.0

