

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052700.D
 Acq On : 16 Jan 2023 13:54
 Operator : JC/MD
 Sample : 01139-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y5DL

Quant Time: Jan 17 05:33:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

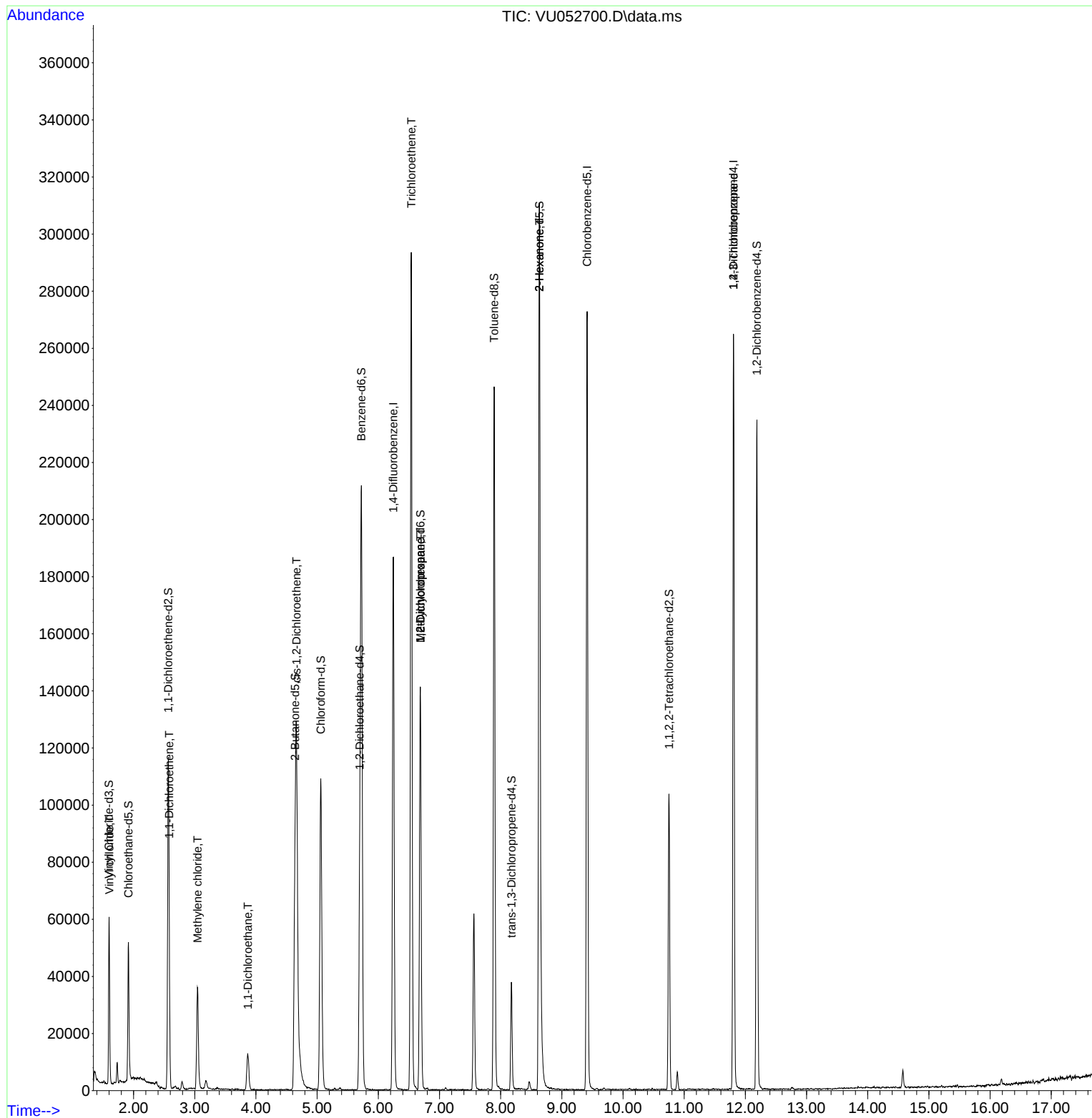
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	151927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	150362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	69602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37470	2.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.916	69	37560	3.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.568	65	20443	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.642	46	151357	42.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.820%
24) Chloroform-d	5.060	84	102871	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.697	65	54242	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.723	84	199609	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.687	67	67981	4.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.893	98	163170	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.176	79	21624	3.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.632	63	106146	42.309	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52104	4.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	61647	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	6844	0.361	ug/L	83
12) 1,1-Dichloroethene	2.581	96	9720	0.738	ug/L #	21
16) Methylene chloride	3.044	84	18250	1.041	ug/L	91
19) 1,1-Dichloroethane	3.867	63	15969	0.572	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	40084	2.779	ug/L	96
34) Trichloroethene	6.539	95	100893	7.167	ug/L	96
35) Methylcyclohexane	6.687	83	15780	0.679	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	6578	0.412	ug/L #	89
48) 2-Hexanone	8.632	43	13984	2.091	ug/L #	80
61) 1,2,3-Trichloropropane	11.806	75	8277	1.023	ug/L #	66

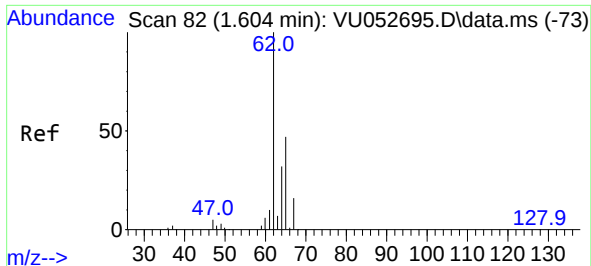
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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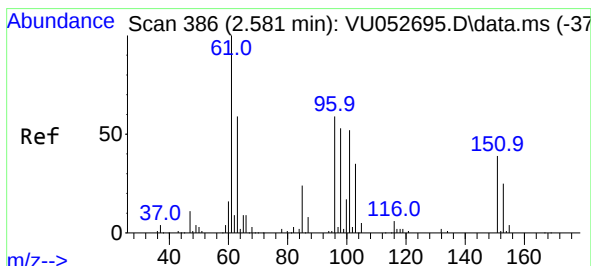
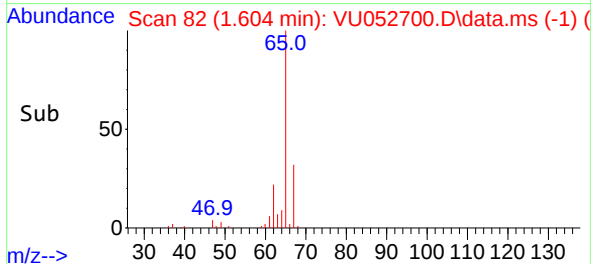
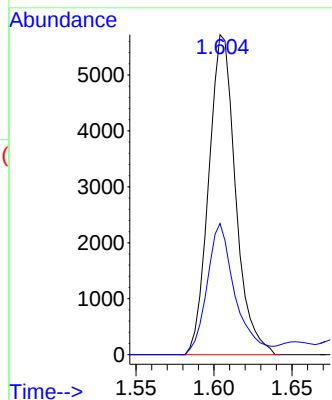
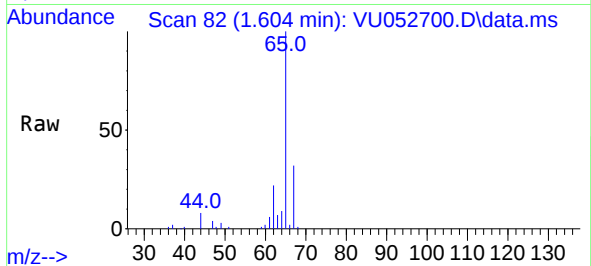




#5
 Vinyl chloride
 Concen: 0.361 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052700.D
 Acq: 16 Jan 2023 13:54

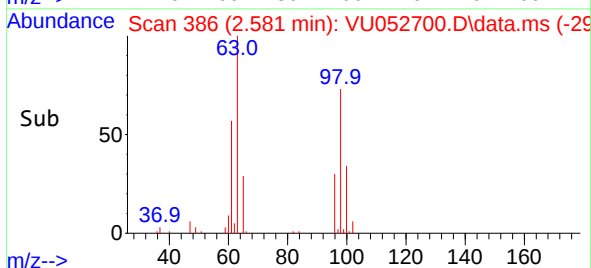
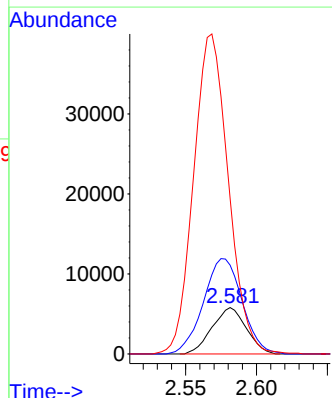
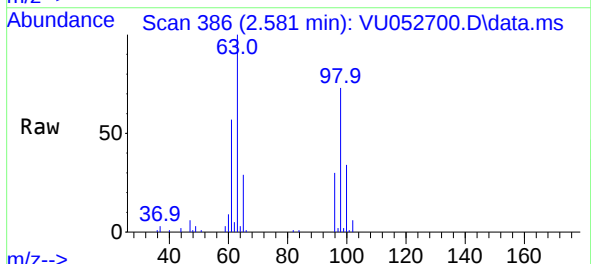
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y5DL

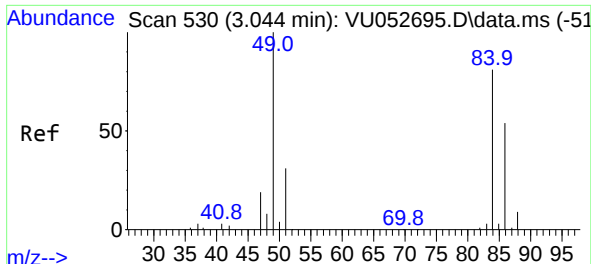
Tgt Ion: 62 Resp: 6844
 Ion Ratio Lower Upper
 62 100
 64 41.0 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 0.738 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052700.D
 Acq: 16 Jan 2023 13:54

Tgt Ion: 96 Resp: 9720
 Ion Ratio Lower Upper
 96 100
 61 191.3 129.6 240.8
 63 334.9 83.7 155.5#

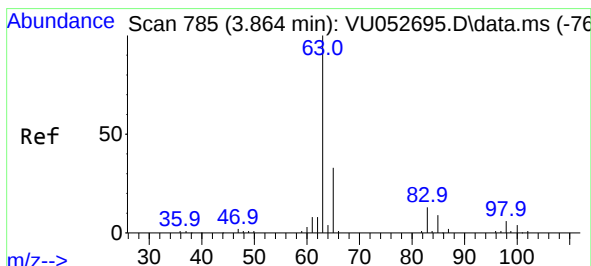
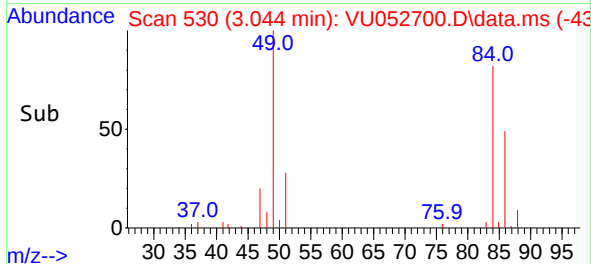
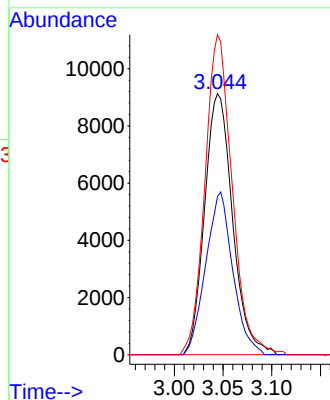
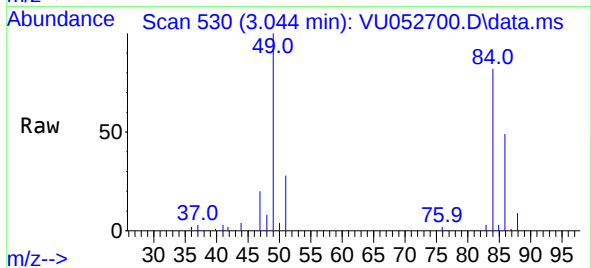




#16
Methylene chloride
Concen: 1.041 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052700.D
Acq: 16 Jan 2023 13:54

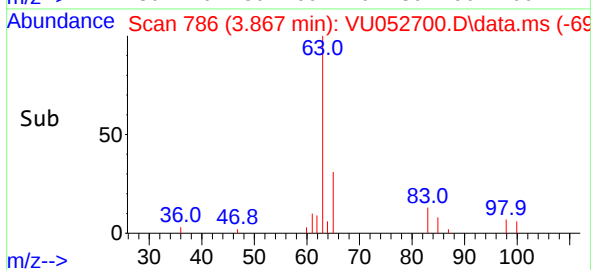
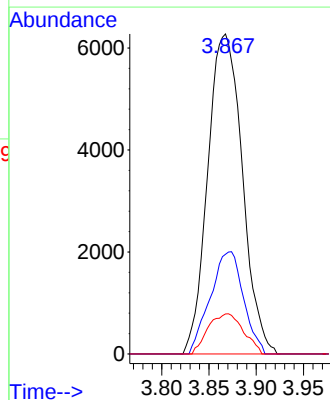
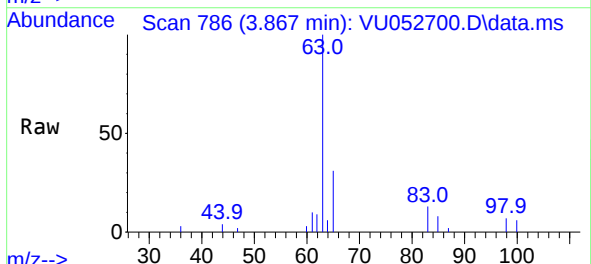
Instrument :
MSVOA_U
ClientSampleId :
BH1Y5DL

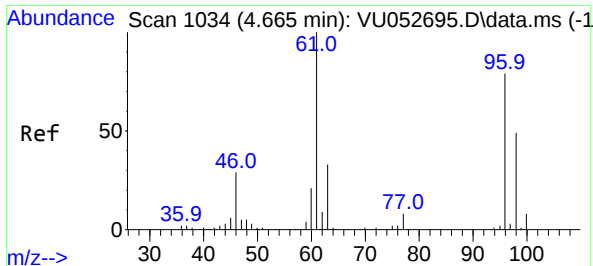
Tgt Ion: 84 Resp: 18250
Ion Ratio Lower Upper
84 100
86 60.6 45.6 84.6
49 122.6 94.8 176.0



#19
1,1-Dichloroethane
Concen: 0.572 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU052700.D
Acq: 16 Jan 2023 13:54

Tgt Ion: 63 Resp: 15969
Ion Ratio Lower Upper
63 100
65 31.2 22.0 41.0
83 12.5 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 2.779 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052700.D

Acq: 16 Jan 2023 13:54

Instrument :

MSVOA_U

ClientSampleId :

BH1Y5DL

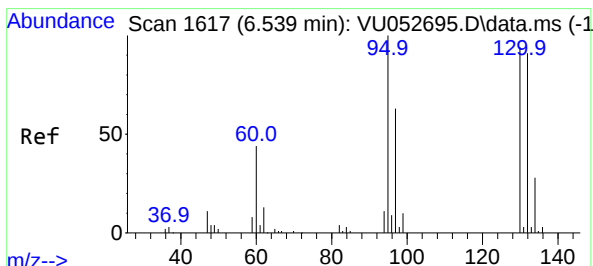
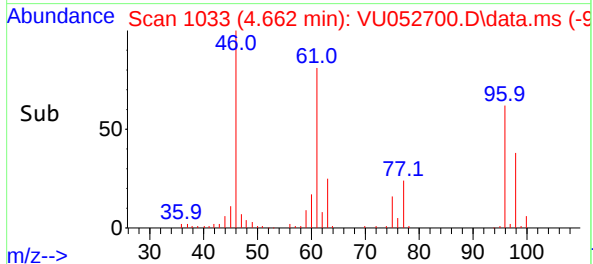
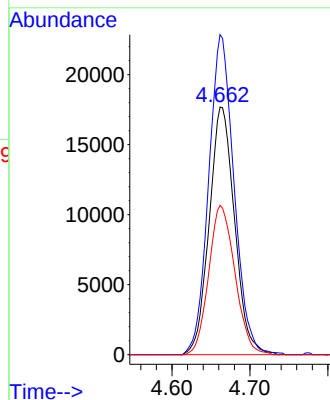
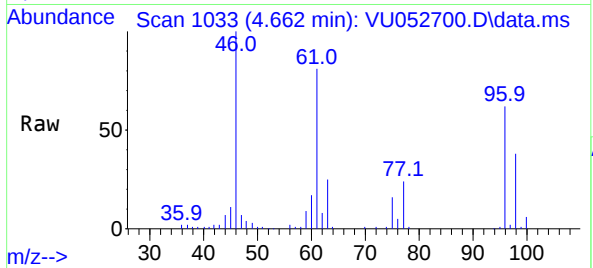
Tgt Ion: 96 Resp: 40084

Ion Ratio Lower Upper

96 100

61 129.2 94.6 175.8

98 60.3 43.3 80.3



#34

Trichloroethene

Concen: 7.167 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052700.D

Acq: 16 Jan 2023 13:54

Tgt Ion: 95 Resp: 100893

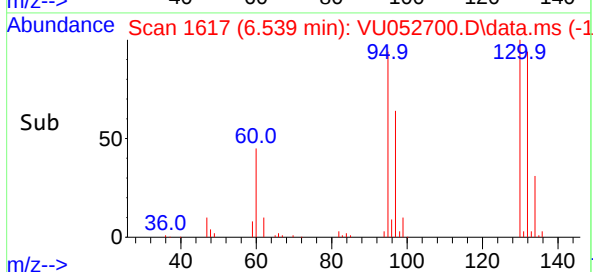
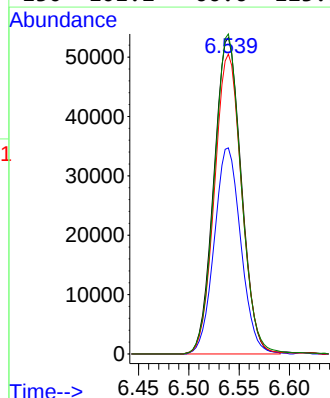
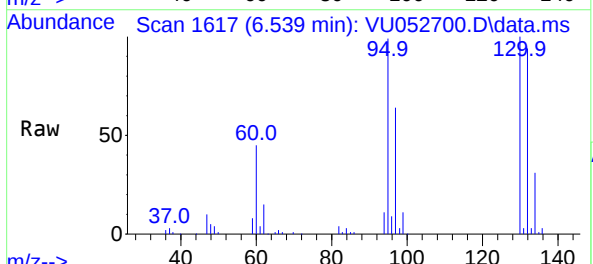
Ion Ratio Lower Upper

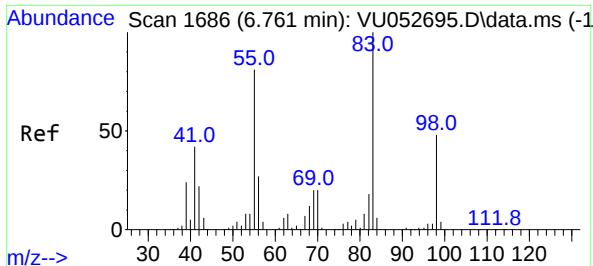
95 100

97 65.1 46.0 85.4

132 94.8 64.0 118.8

130 101.2 66.6 123.8





#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052700.D

Acq: 16 Jan 2023 13:54

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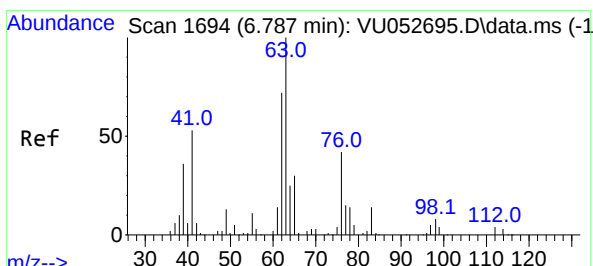
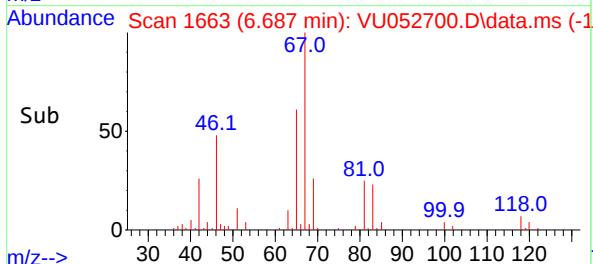
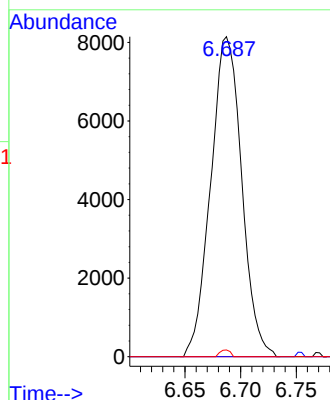
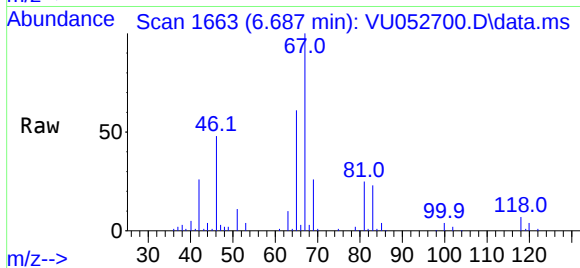
Tgt Ion: 83 Resp: 15780

Ion Ratio Lower Upper

83 100

55 0.3 67.6 101.4#

98 0.7 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.412 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052700.D

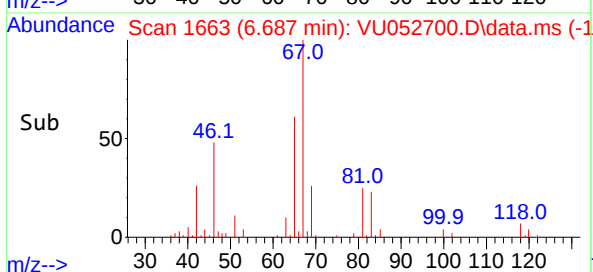
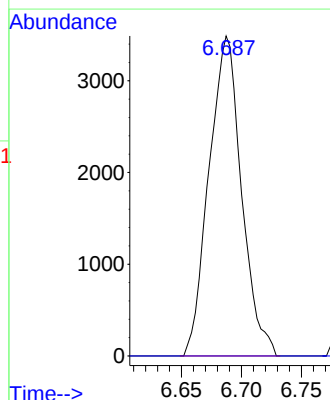
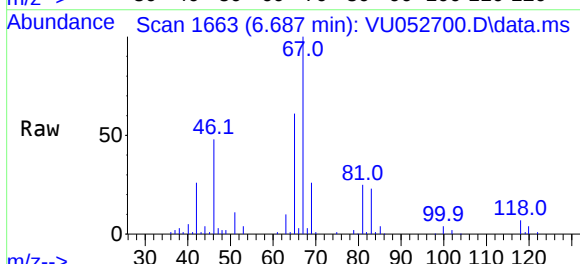
Acq: 16 Jan 2023 13:54

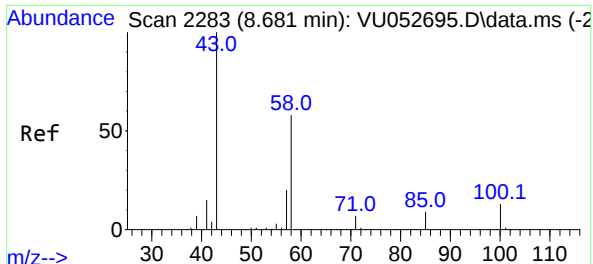
Tgt Ion: 63 Resp: 6578

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#

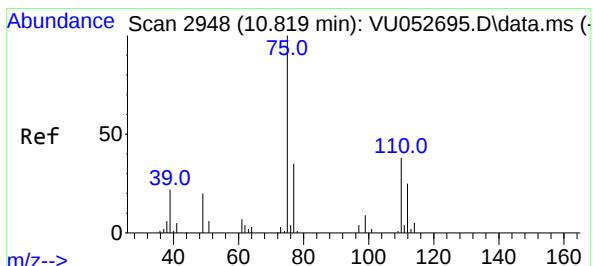
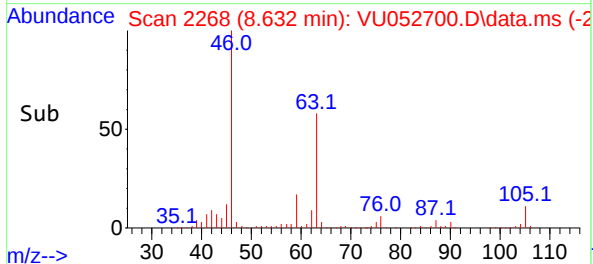
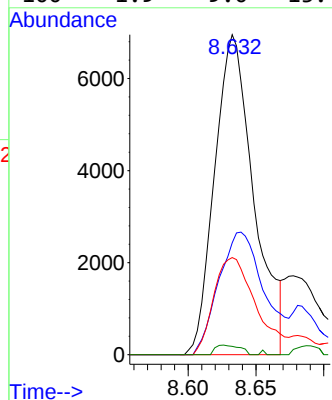
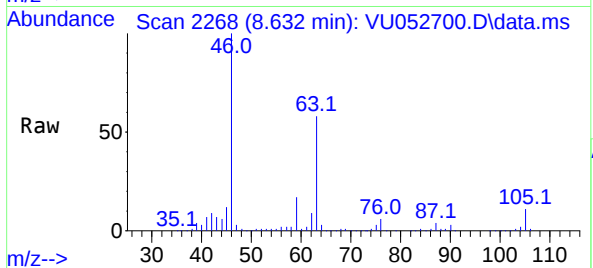




#48
2-Hexanone
Concen: 2.091 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052700.D
Acq: 16 Jan 2023 13:54

Instrument :
MSVOA_U
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Tgt Ion:	43	Resp:	13984
Ion	Ratio	Lower	Upper
43	100		
58	45.1	45.1	67.7
57	33.0	15.1	22.7#
100	1.9	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 1.023 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052700.D
Acq: 16 Jan 2023 13:54

Tgt Ion:	75	Resp:	8277
Ion	Ratio	Lower	Upper
75	100		
110	2.0	27.2	40.8#
77	35.4	24.0	36.0

