

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052986.D
 Acq On : 06 Feb 2023 17:55
 Operator : JC/MD
 Sample : 01444-08 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM12

Quant Time: Feb 07 01:08:48 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)

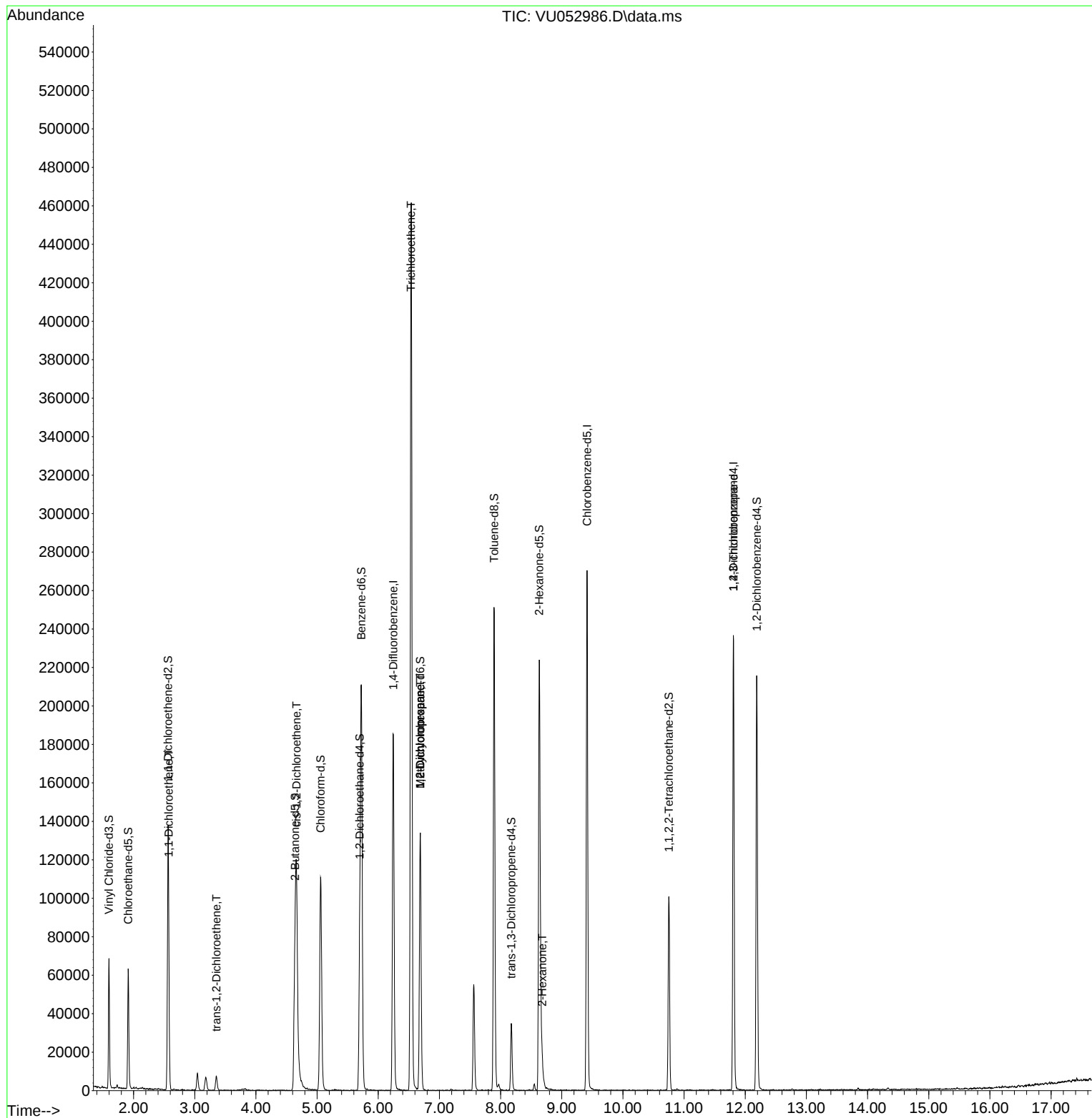
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	157671	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	160681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	67327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48933	3.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.912	69	47204	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.565	65	24709	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.639	46	114292	30.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.720%
24) Chloroform-d	5.057	84	109738	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.697	65	53852	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.723	84	211540	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.687	67	64980	3.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.893	98	170689	3.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.176	79	21520	3.334	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.632	63	76711	28.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50672	3.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	61483	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	3653	0.267	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	3598	0.258	ug/L	79
22) cis-1,2-Dichloroethene	4.665	96	40380	2.697	ug/L	88
34) Trichloroethene	6.536	95	160314	10.656	ug/L	93
35) Methylcyclohexane	6.687	83	16496	0.664	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	6718	0.394	ug/L #	89
48) 2-Hexanone	8.681	43	5150	0.721	ug/L #	40
61) 1,2,3-Trichloropropane	11.806	75	7434	0.950	ug/L #	69

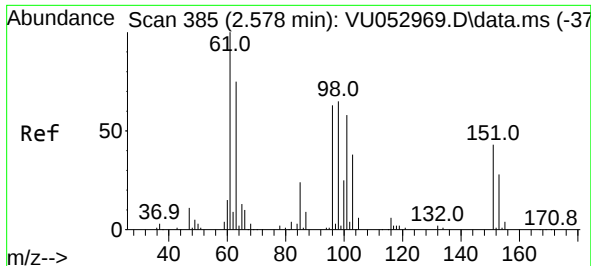
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Feb 05 21:58:05 2023
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#12

1,1-Dichloroethene

Concen: 0.267 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052986.D

Acq: 06 Feb 2023 17:55

Instrument :

MSVOA_U

ClientSampleId :

COM12

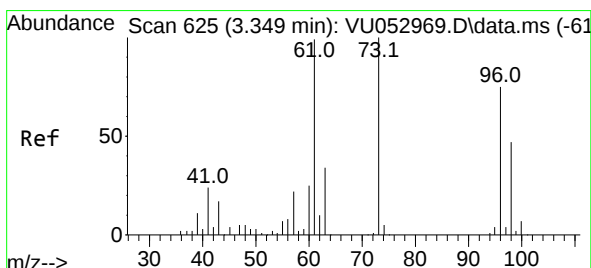
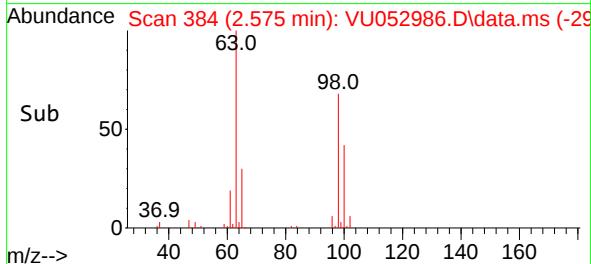
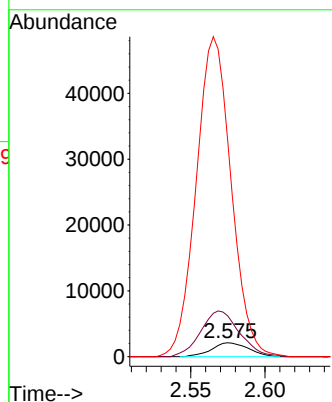
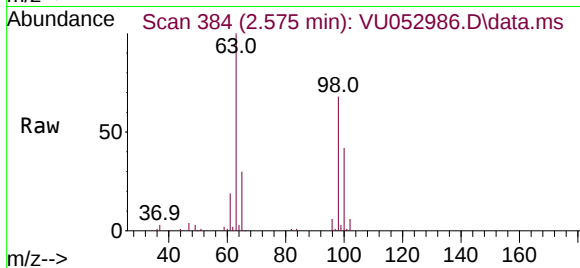
Tgt Ion: 96 Resp: 3653

Ion Ratio Lower Upper

96 100

61 292.4 129.6 240.8#

63 1546.8 83.7 155.5#



#18

trans-1,2-Dichloroethene

Concen: 0.258 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU052986.D

Acq: 06 Feb 2023 17:55

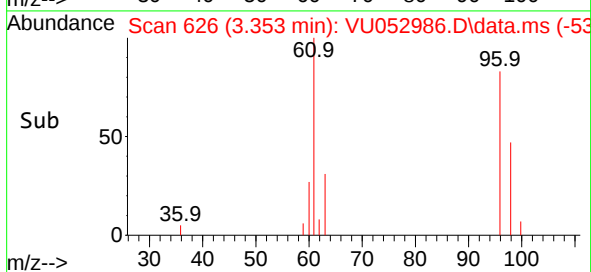
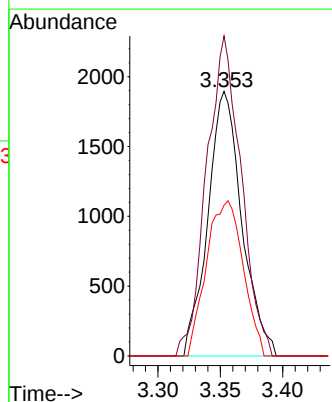
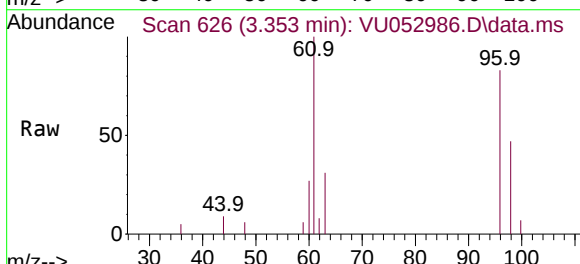
Tgt Ion: 96 Resp: 3598

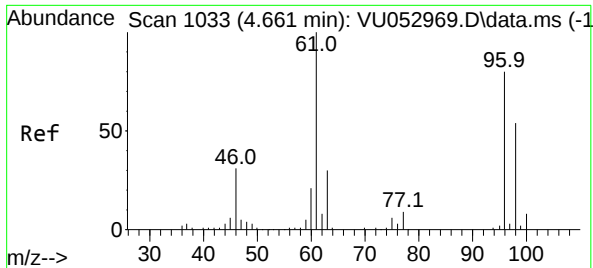
Ion Ratio Lower Upper

96 100

61 120.9 108.4 201.4

98 57.0 43.8 81.4

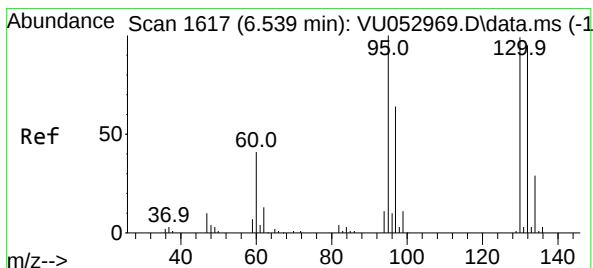
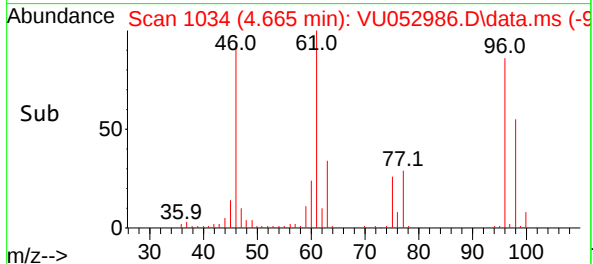
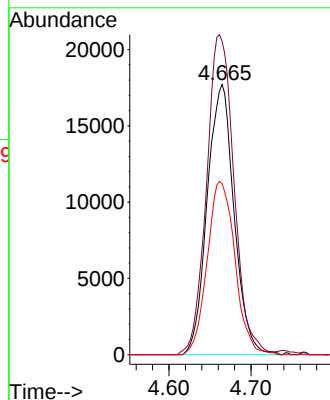
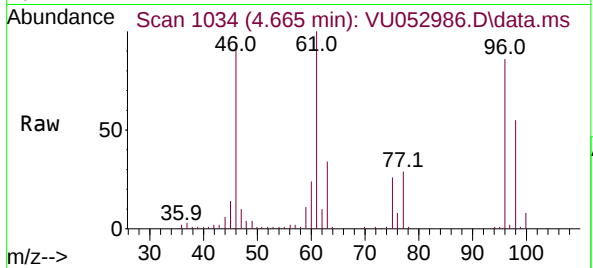




#22
cis-1,2-Dichloroethene
Concen: 2.697 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU052986.D
Acq: 06 Feb 2023 17:55

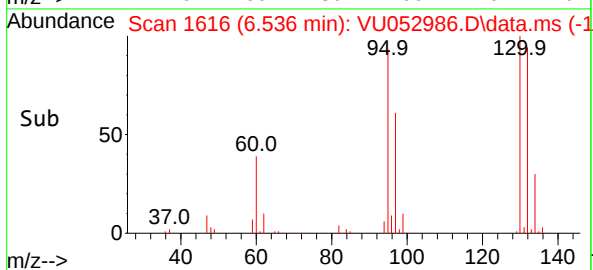
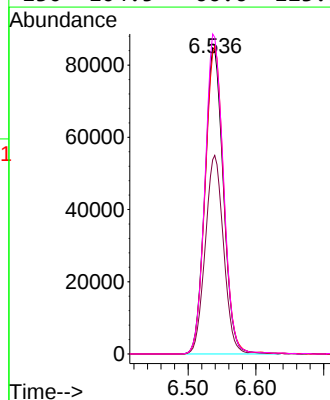
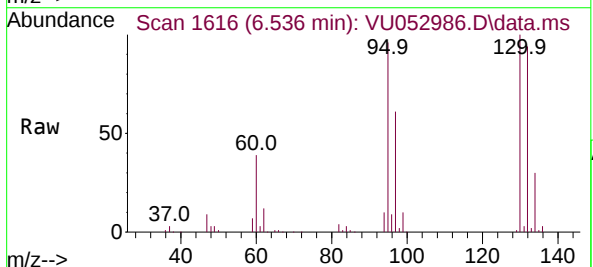
Instrument :
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ClientSampleId :
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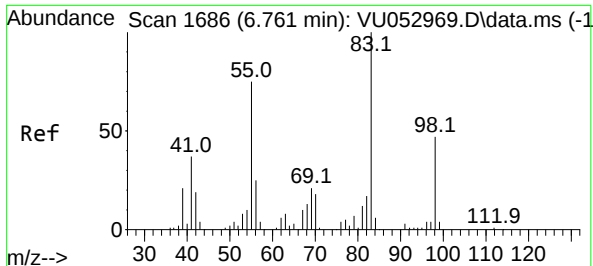
Tgt Ion: 96 Resp: 40380
Ion Ratio Lower Upper
96 100
61 116.0 94.6 175.8
98 63.3 43.3 80.3



#34
Trichloroethene
Concen: 10.656 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
Lab File: VU052986.D
Acq: 06 Feb 2023 17:55

Tgt Ion: 95 Resp: 160314
Ion Ratio Lower Upper
95 100
97 63.4 46.0 85.4
132 98.1 64.0 118.8
130 104.5 66.6 123.8





#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052986.D

Acq: 06 Feb 2023 17:55

Instrument :

MSVOA_U

ClientSampleId :

COM12

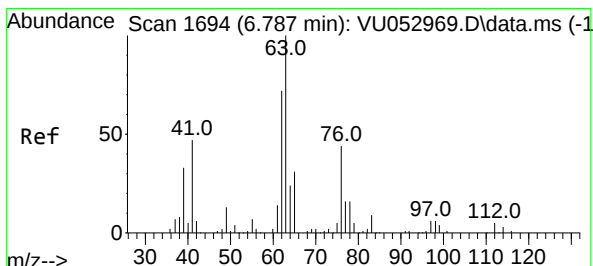
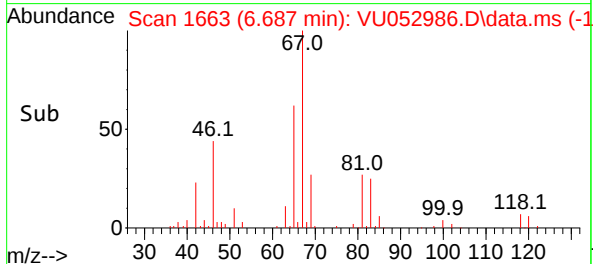
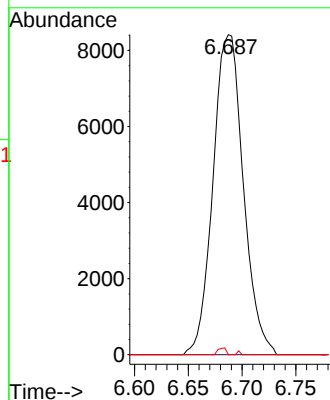
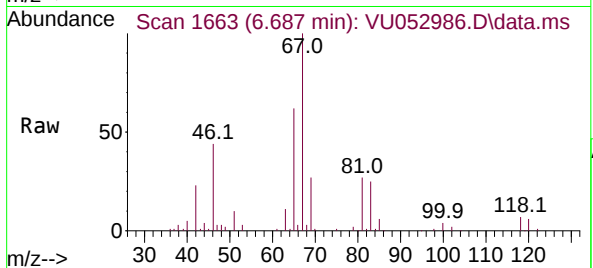
Tgt Ion: 83 Resp: 16496

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: 0.394 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052986.D

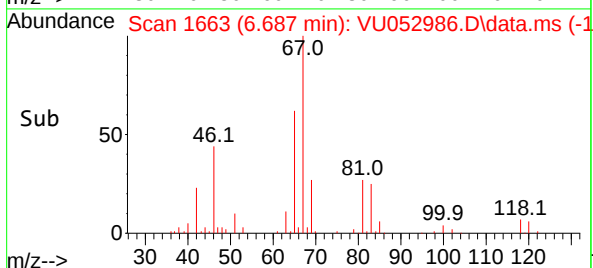
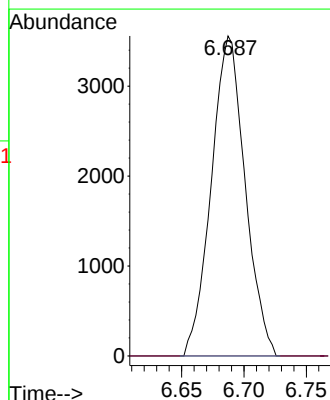
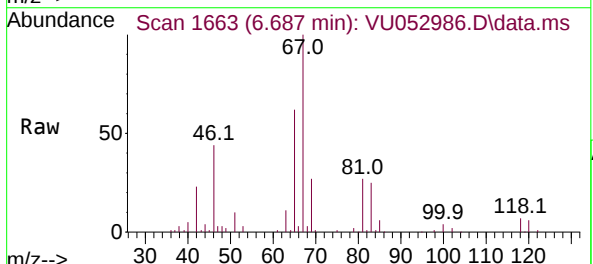
Acq: 06 Feb 2023 17:55

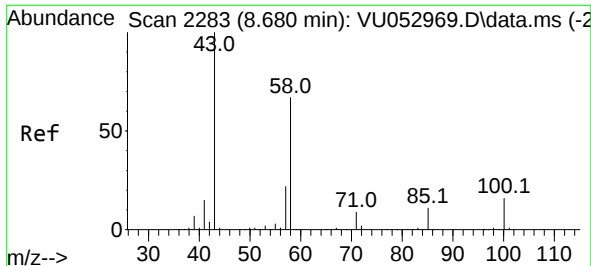
Tgt Ion: 63 Resp: 6718

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#

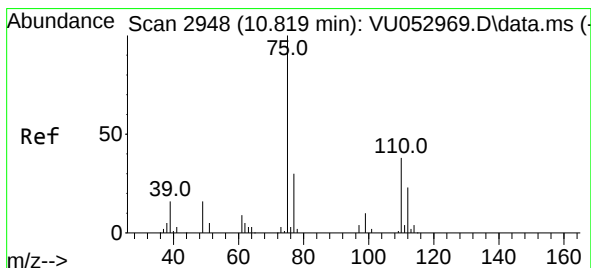
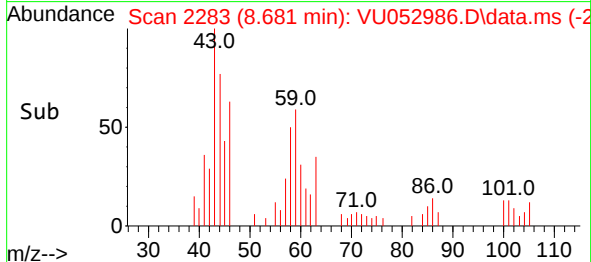
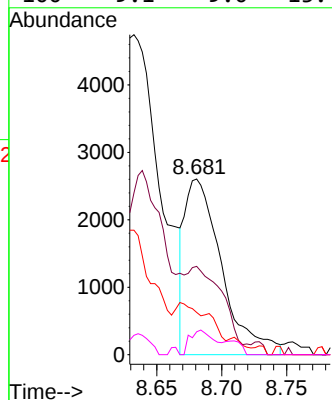
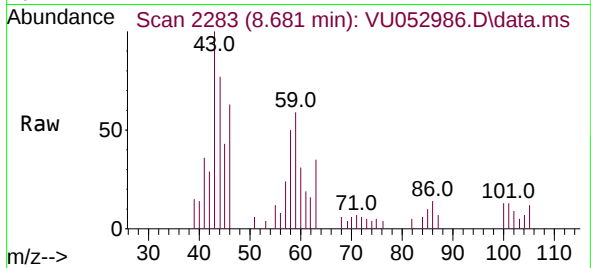




#48
2-Hexanone
Concen: 0.721 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052986.D
Acq: 06 Feb 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
COM12

Tgt Ion:	43	Resp:	5150
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.1	67.7#
57	0.0	15.1	22.7#
100	9.1	9.0	13.4



#61
1,2,3-Trichloropropane
Concen: 0.950 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052986.D
Acq: 06 Feb 2023 17:55

Tgt Ion:	75	Resp:	7434
Ion	Ratio	Lower	Upper
75	100		
110	2.5	27.2	40.8#
77	28.5	24.0	36.0

