

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052702.D
 Acq On : 16 Jan 2023 14:40
 Operator : JC/MD
 Sample : 01139-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y7DL

Quant Time: Jan 17 05:34:00 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)

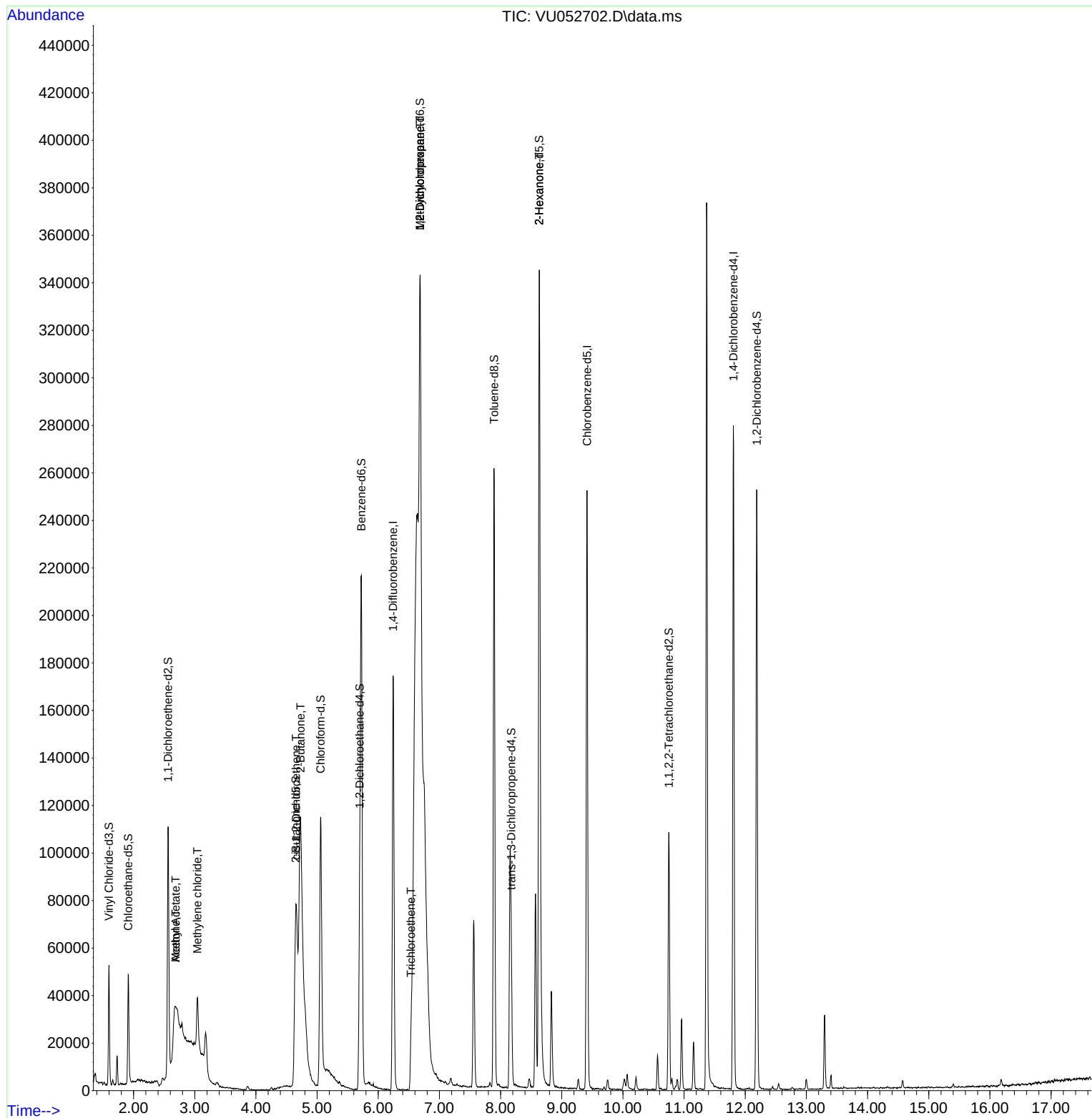
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	141845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	72398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36084	2.896	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.912	69	36526	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.565	65	19928	3.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.652	46	161637	48.511	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.020%
24) Chloroform-d	5.057	84	105030	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.697	65	56656	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.722	84	203712	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.684	67	72044	4.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.893	98	171158	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.176	79	25981	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	128701	56.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.960%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53980	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	65121	4.941	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds	Qvalue					
13) Acetone	2.687	43	94451	39.525	ug/L	58
15) Methyl Acetate	2.687	43	42883	7.485	ug/L #	54
16) Methylene chloride	3.041	84	10633	0.650	ug/L	93
21) 2-Butanone	4.729	43	298650	77.636	ug/L	100
22) cis-1,2-Dichloroethene	4.658	96	8240	0.612	ug/L	97
34) Trichloroethene	6.536	95	7878	0.616	ug/L	93
35) Methylcyclohexane	6.684	83	16162	0.765	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	7896	0.544	ug/L #	89
48) 2-Hexanone	8.632	43	13310	2.191	ug/L #	84

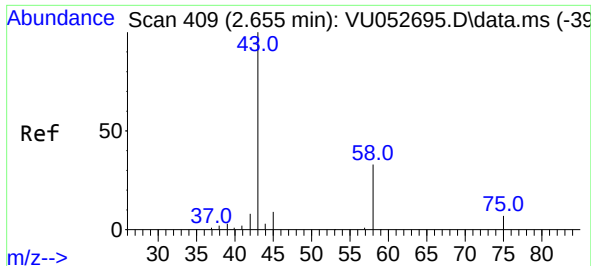
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.525 ug/L

RT: 2.687 min Scan# 419

Delta R.T. 0.026 min

Lab File: VU052702.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_U

ClientSampleId :

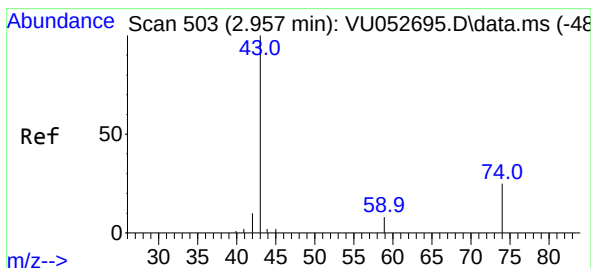
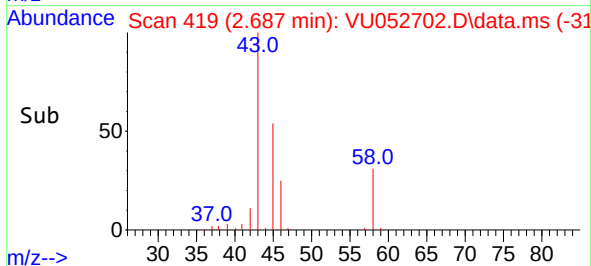
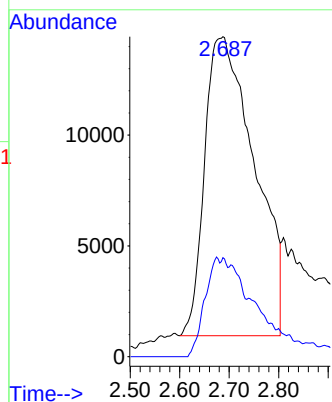
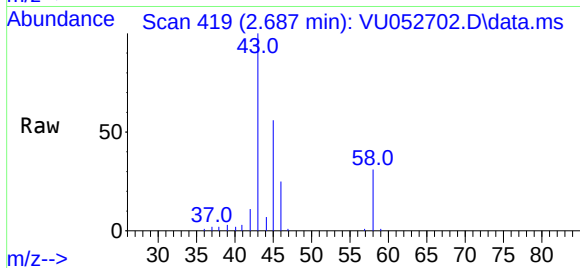
BH1Y7DL

Tgt Ion: 43 Resp: 94451

Ion Ratio Lower Upper

43 100

58 9.9 0.0 68.8



#15

Methyl Acetate

Concen: 7.485 ug/L

RT: 2.687 min Scan# 419

Delta R.T. -0.270 min

Lab File: VU052702.D

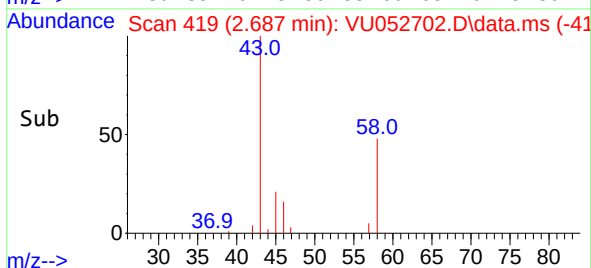
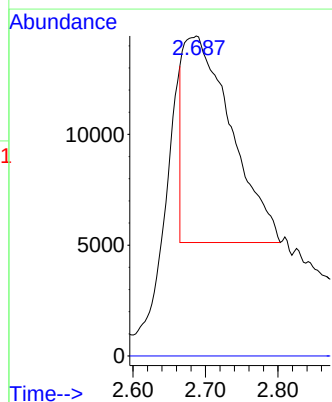
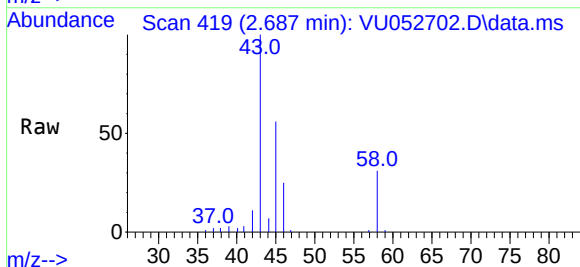
Acq: 16 Jan 2023 14:40

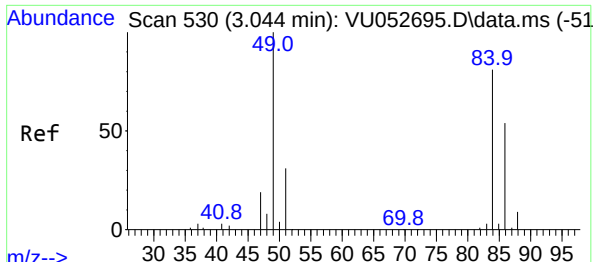
Tgt Ion: 43 Resp: 42883

Ion Ratio Lower Upper

43 100

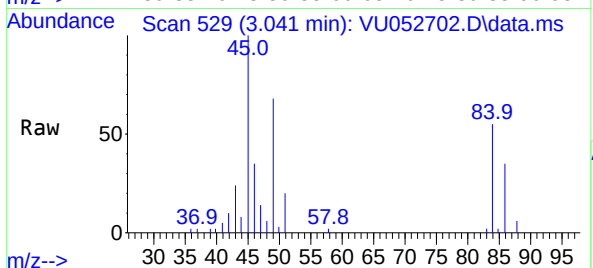
74 0.0 17.5 26.3#





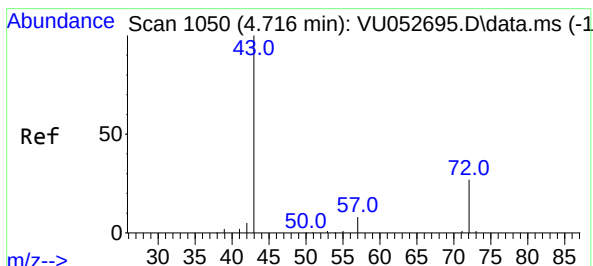
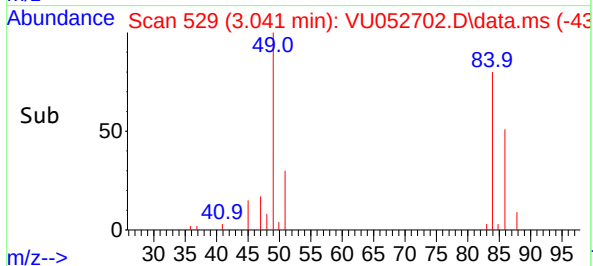
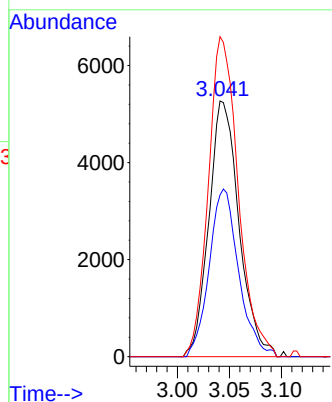
#16
Methylene chloride
Concen: 0.650 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052702.D
Acq: 16 Jan 2023 14:40

Instrument :
MSVOA_U
ClientSampleId :
BH1Y7DL



Tgt Ion: 84 Resp: 10633

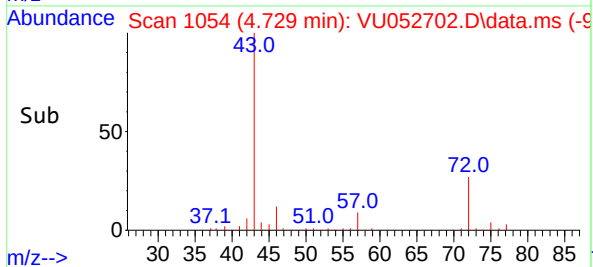
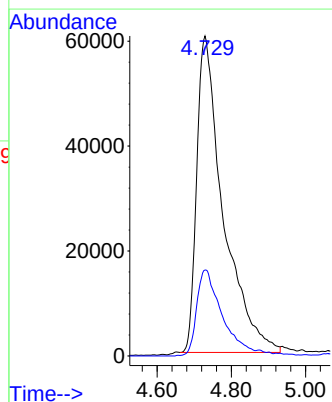
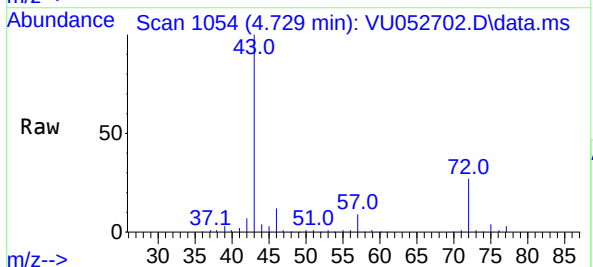
Ion	Ratio	Lower	Upper
84	100		
86	63.2	45.6	84.6
49	125.1	94.8	176.0

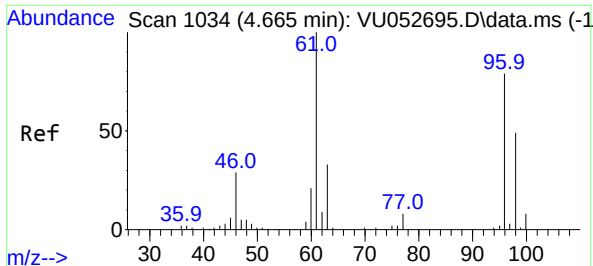


#21
2-Butanone
Concen: 77.636 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU052702.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 43 Resp: 298650

Ion	Ratio	Lower	Upper
43	100		
72	25.5	12.9	38.6





#22

cis-1,2-Dichloroethene

Concen: 0.612 ug/L

RT: 4.658 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU052702.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_U

ClientSampleId :

BH1Y7DL

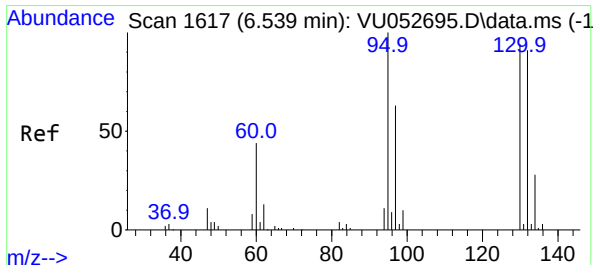
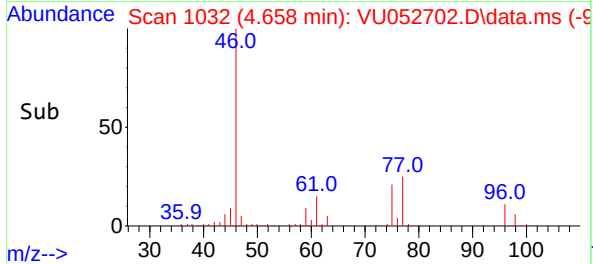
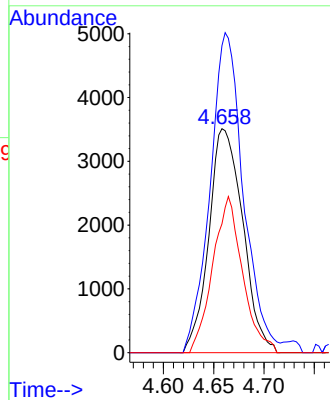
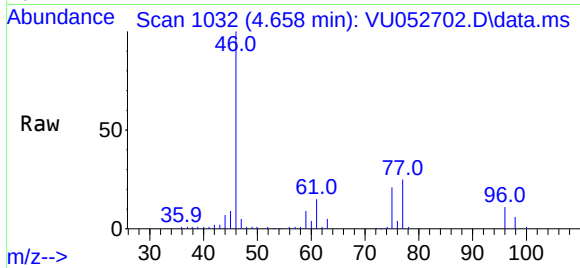
Tgt Ion: 96 Resp: 8240

Ion Ratio Lower Upper

96 100

61 137.1 94.6 175.8

98 57.5 43.3 80.3



#34

Trichloroethene

Concen: 0.616 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052702.D

Acq: 16 Jan 2023 14:40

Tgt Ion: 95 Resp: 7878

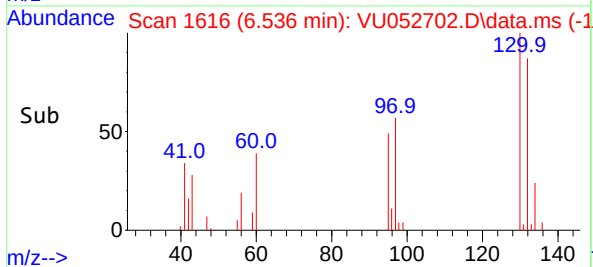
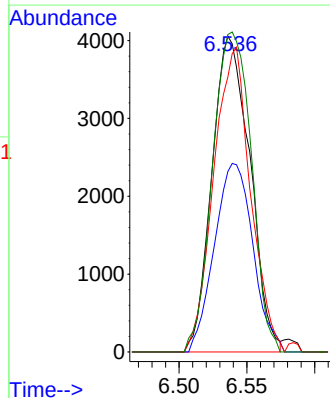
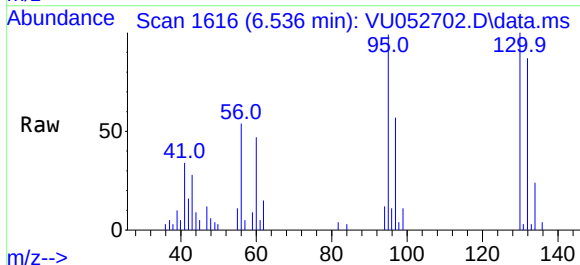
Ion Ratio Lower Upper

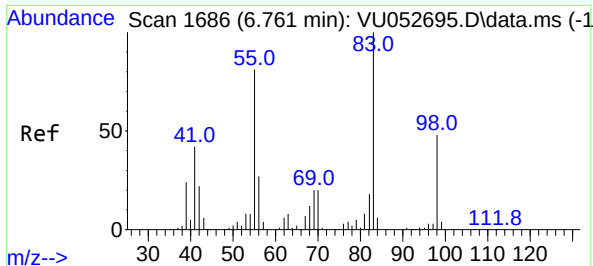
95 100

97 57.2 46.0 85.4

132 87.1 64.0 118.8

130 100.6 66.6 123.8

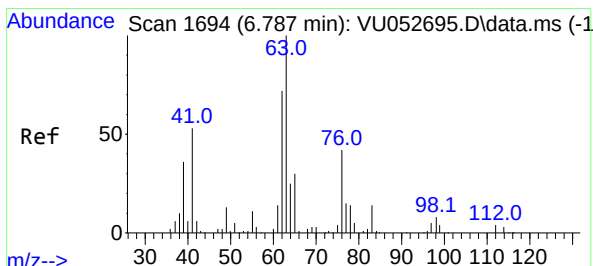
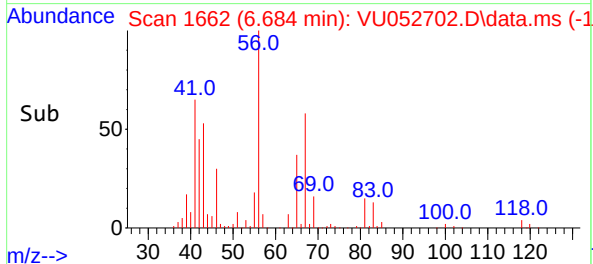
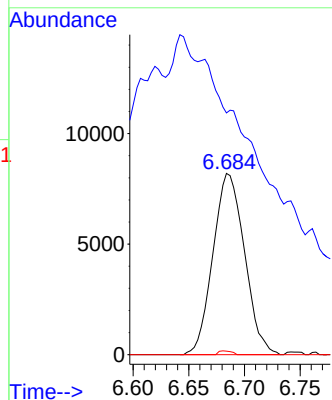
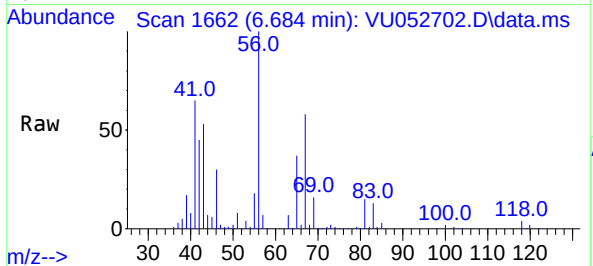




#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU052702.D
Acq: 16 Jan 2023 14:40

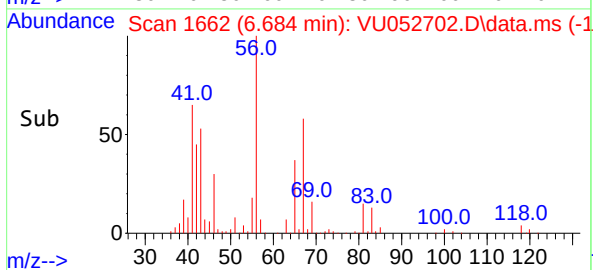
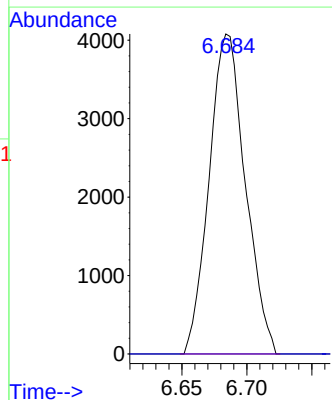
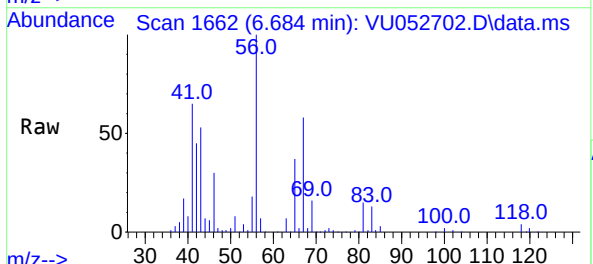
Instrument :
MSVOA_U
ClientSampleId :
BH1Y7DL

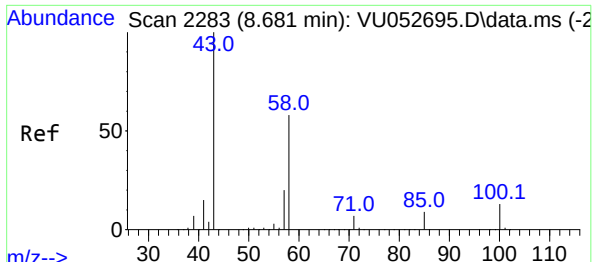
Tgt Ion: 83 Resp: 16162
Ion Ratio Lower Upper
83 100
55 281.7 67.6 101.4#
98 0.9 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU052702.D
Acq: 16 Jan 2023 14:40

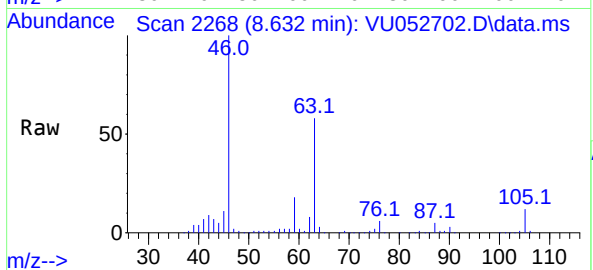
Tgt Ion: 63 Resp: 7896
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#48
 2-Hexanone
 Concen: 2.191 ug/L
 RT: 8.632 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VU052702.D
 Acq: 16 Jan 2023 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y7DL



Tgt Ion: 43 Resp: 13310

Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.1	67.7
57	41.7	15.1	22.7#
100	1.4	9.0	13.4#

