

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052717.D
 Acq On : 17 Jan 2023 13:26
 Operator : JC/MD
 Sample : 01138-20DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:17:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

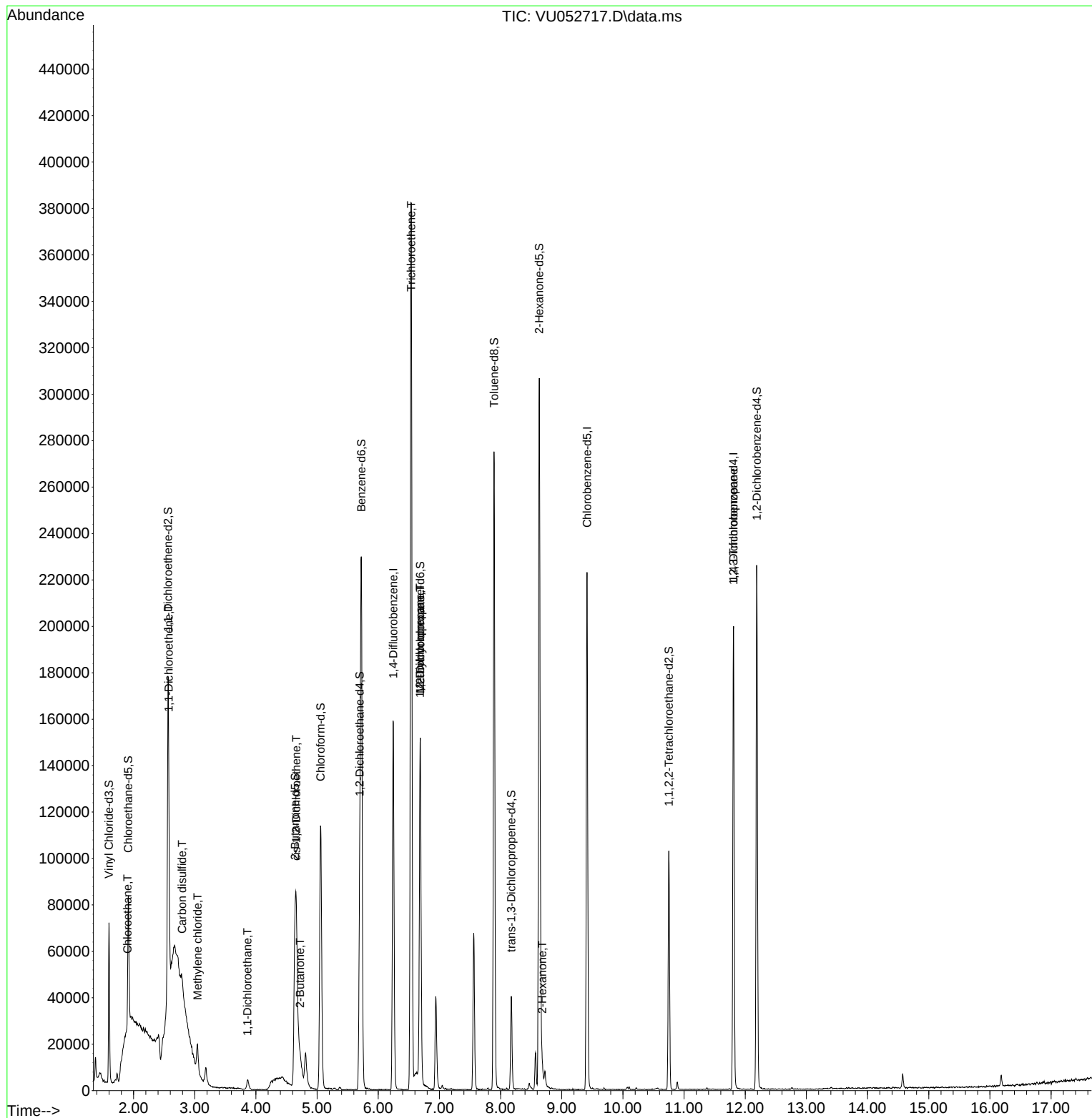
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	126506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	122636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	53633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50894	4.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.912	69	44833	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.565	65	24537	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.642	46	145870	49.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.180%
24) Chloroform-d	5.057	84	110075	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.697	65	57737	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.722	84	217114	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.687	67	69120	5.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.893	98	179548	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.176	79	23513	4.773	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.632	63	105120	51.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51468	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	60056	6.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.000%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.899	64	88711	9.240	ug/L #	52
12) 1,1-Dichloroethene	2.575	96	6749	0.615	ug/L #	1
14) Carbon disulfide	2.793	76	6278	0.166	ug/L #	94
16) Methylene chloride	3.044	84	5587	0.383	ug/L	88
19) 1,1-Dichloroethane	3.861	63	4541	0.196	ug/L	96
21) 2-Butanone	4.722	43	6986	2.036	ug/L #	21
22) cis-1,2-Dichloroethene	4.661	96	11831	0.985	ug/L	96
34) Trichloroethene	6.539	95	130564	11.371	ug/L	96
35) Methylcyclohexane	6.687	83	16183	0.854	ug/L #	16
37) 1,2-Dichloropropane	6.684	63	7322	0.562	ug/L #	89
48) 2-Hexanone	8.680	43	3979	0.729	ug/L #	38
61) 1,2,3-Trichloropropane	11.806	75	6538	1.049	ug/L #	68

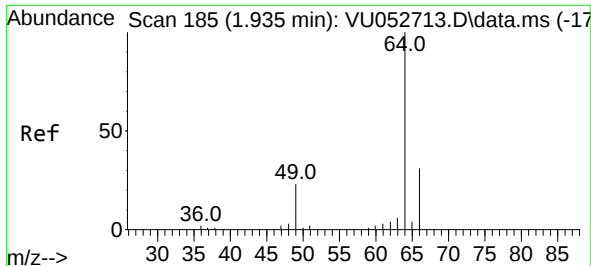
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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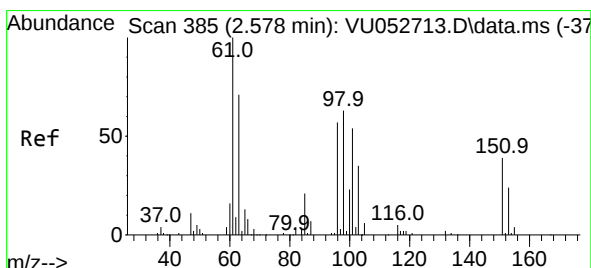
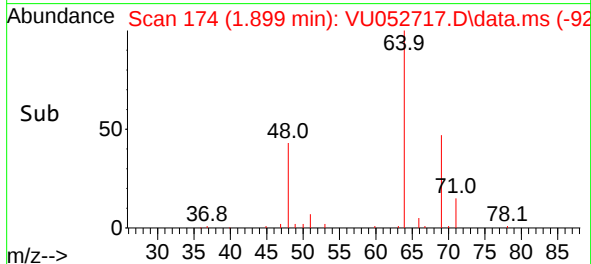
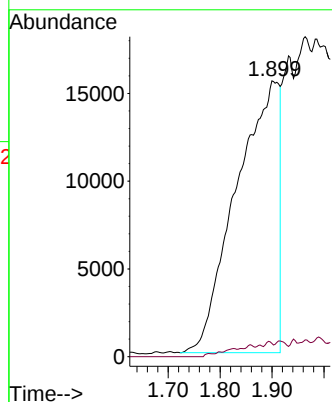
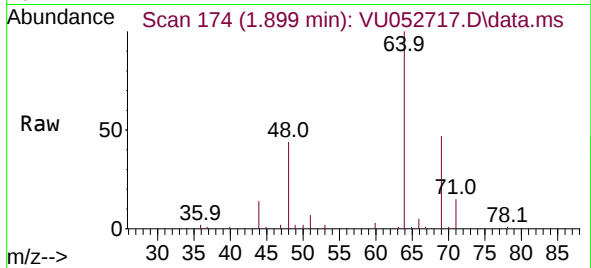




#8
Chloroethane
Concen: 9.240 ug/L
RT: 1.899 min Scan# 11
Delta R.T. -0.035 min
Lab File: VU052717.D
Acq: 17 Jan 2023 13:26

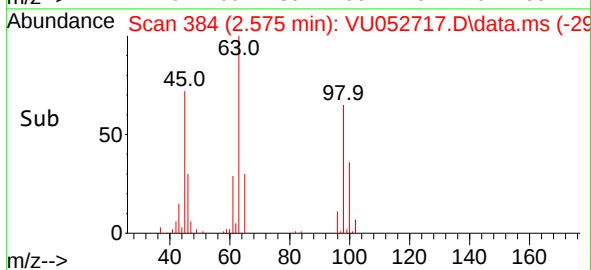
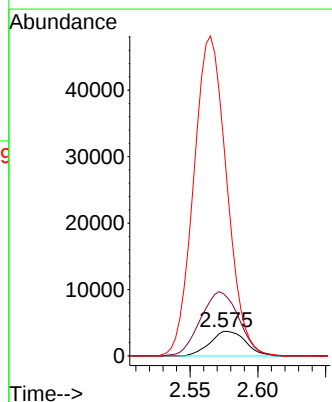
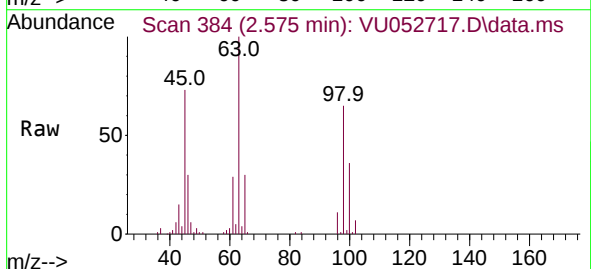
Instrument :
MSVOA_U
ClientSampleId :

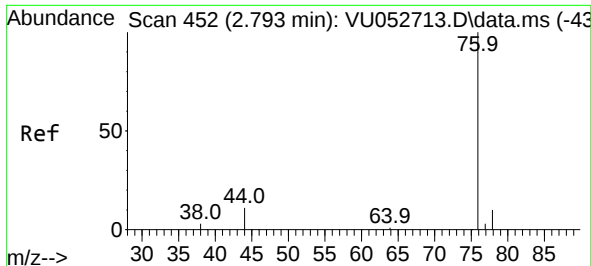
Tgt Ion: 64 Resp: 88711
Ion Ratio Lower Upper
64 100
66 4.8 21.6 40.2#



#12
1,1-Dichloroethene
Concen: 0.615 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052717.D
Acq: 17 Jan 2023 13:26

Tgt Ion: 96 Resp: 6749
Ion Ratio Lower Upper
96 100
61 253.4 129.6 240.8#
63 875.5 83.7 155.5#





#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.793 min Scan# 4

Delta R.T. -0.000 min

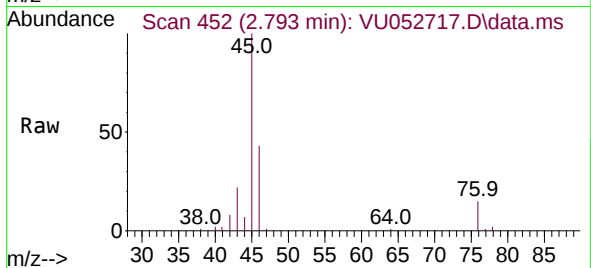
Lab File: VU052717.D

Acq: 17 Jan 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

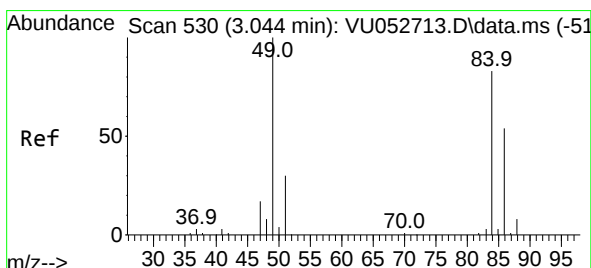
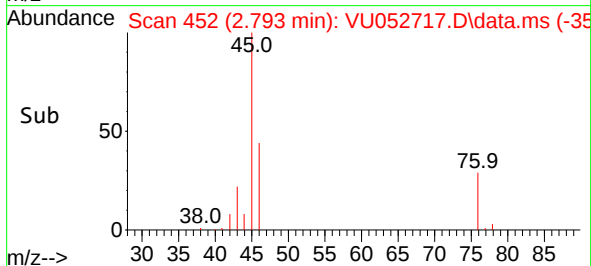
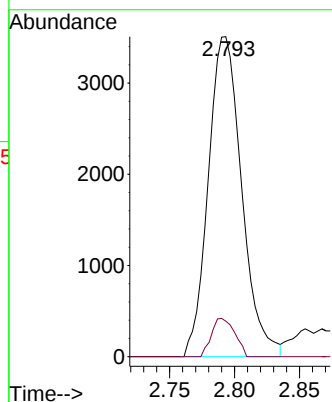


Tgt Ion: 76 Resp: 6278

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.6#



#16

Methylene chloride

Concen: 0.383 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU052717.D

Acq: 17 Jan 2023 13:26

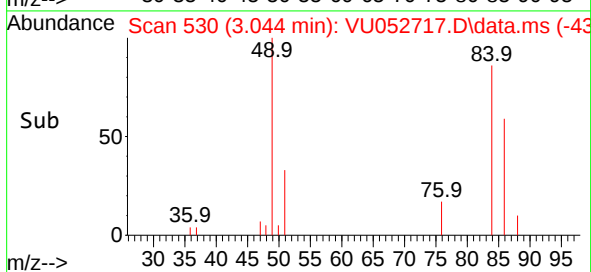
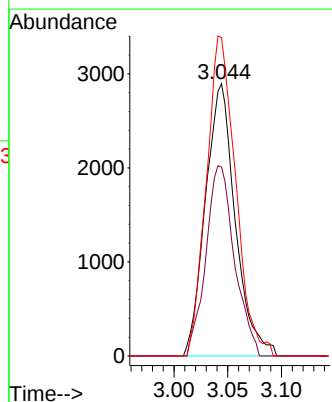
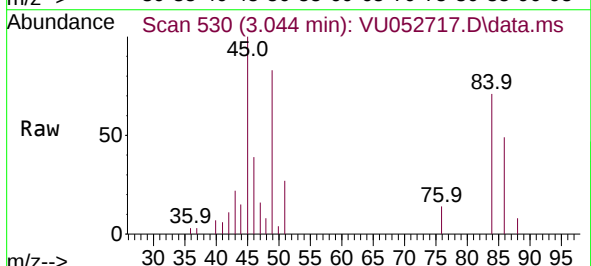
Tgt Ion: 84 Resp: 5587

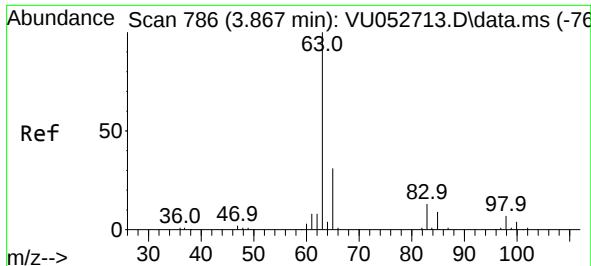
Ion Ratio Lower Upper

84 100

86 69.4 45.6 84.6

49 116.9 94.8 176.0





#19

1,1-Dichloroethane

Concen: 0.196 ug/L

RT: 3.861 min Scan# 71

Delta R.T. -0.007 min

Lab File: VU052717.D

Acq: 17 Jan 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

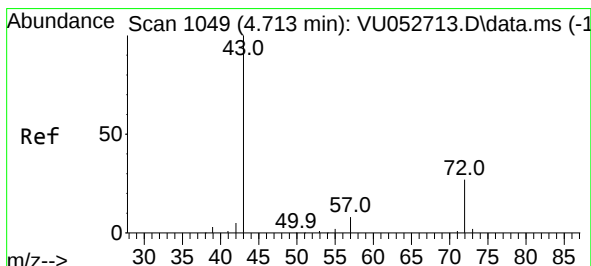
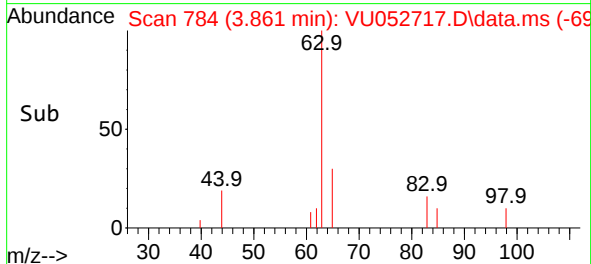
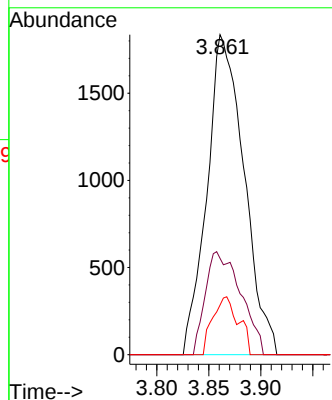
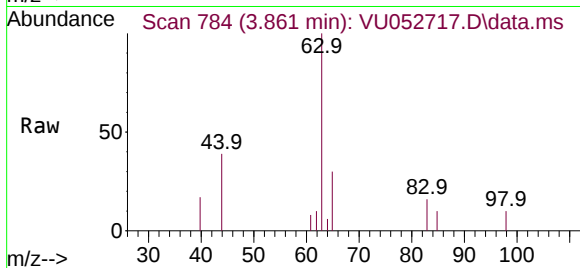
Tgt Ion: 63 Resp: 4541

Ion Ratio Lower Upper

63 100

65 30.1 22.0 41.0

83 15.5 8.9 16.5



#21

2-Butanone

Concen: 2.036 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU052717.D

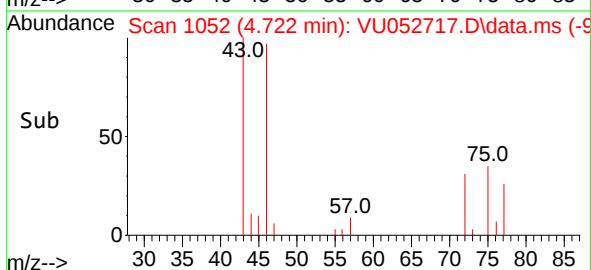
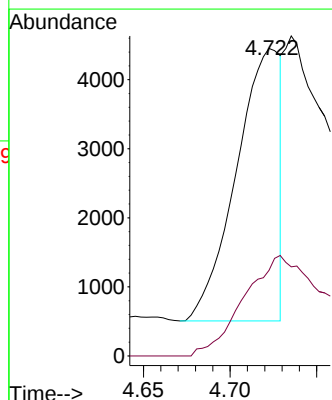
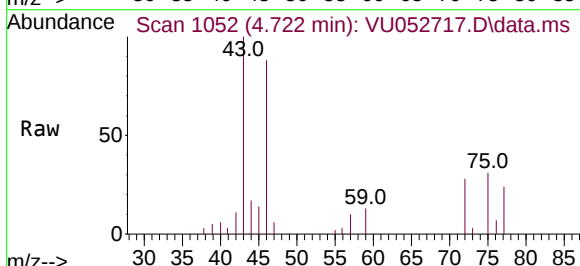
Acq: 17 Jan 2023 13:26

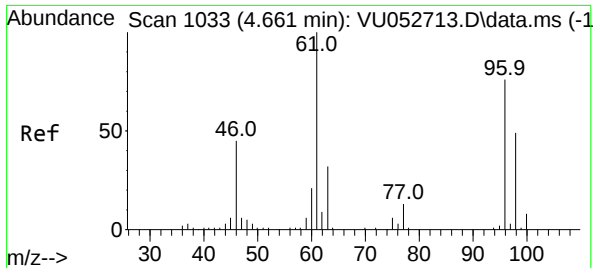
Tgt Ion: 43 Resp: 6986

Ion Ratio Lower Upper

43 100

72 65.8 12.9 38.6#

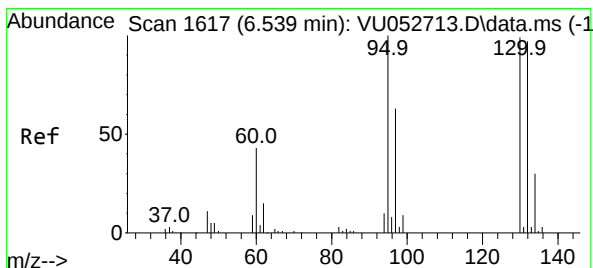
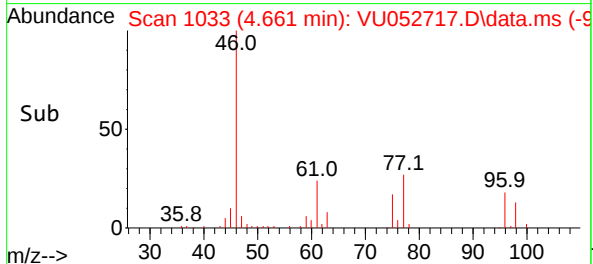
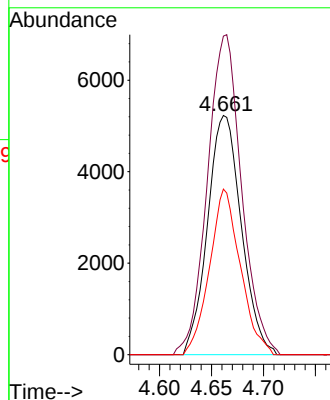
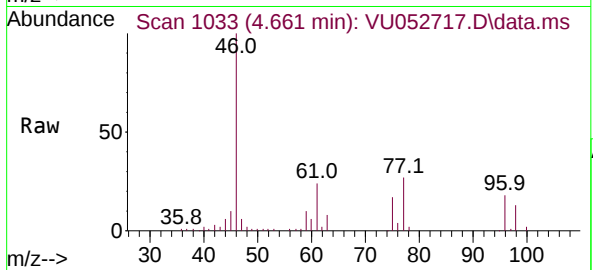




#22
cis-1,2-Dichloroethene
Concen: 0.985 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052717.D
Acq: 17 Jan 2023 13:26

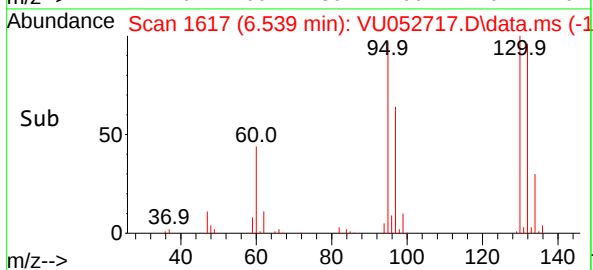
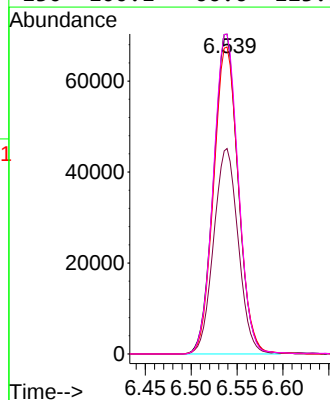
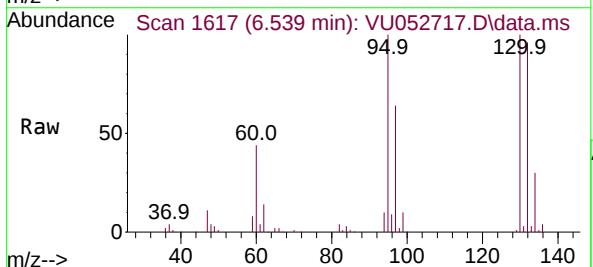
Instrument :
MSVOA_U
ClientSampleId :

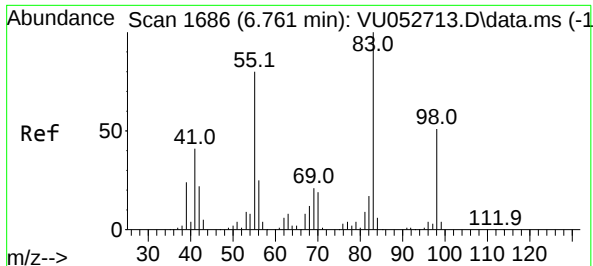
Tgt Ion: 96 Resp: 11831
Ion Ratio Lower Upper
96 100
61 133.2 94.6 175.8
98 69.2 43.3 80.3



#34
Trichloroethene
Concen: 11.371 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052717.D
Acq: 17 Jan 2023 13:26

Tgt Ion: 95 Resp: 130564
Ion Ratio Lower Upper
95 100
97 64.3 46.0 85.4
132 96.1 64.0 118.8
130 100.1 66.6 123.8





#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052717.D

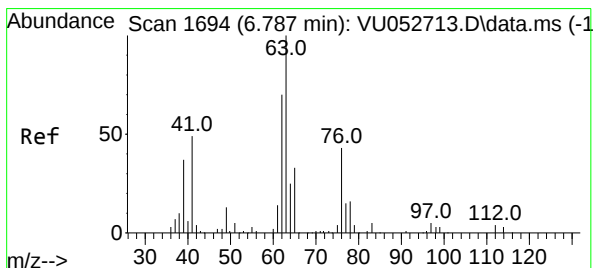
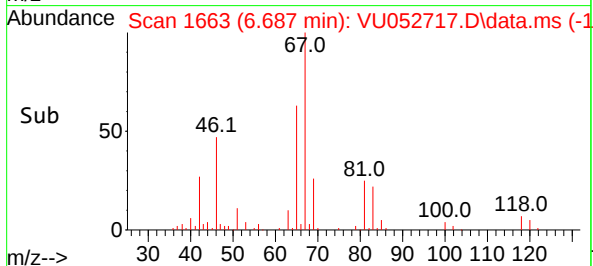
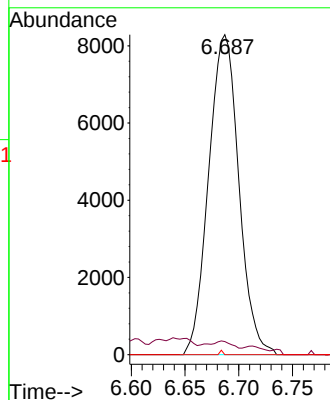
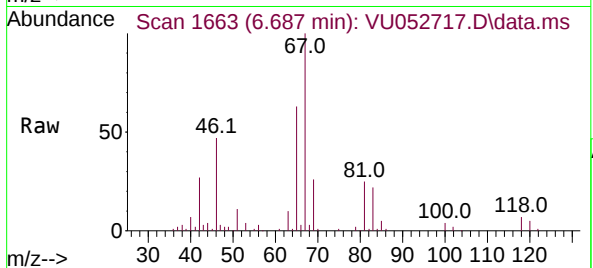
Acq: 17 Jan 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16183
Ion Ratio	Lower Upper
83	100
55	1.7 67.6 101.4#
98	0.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

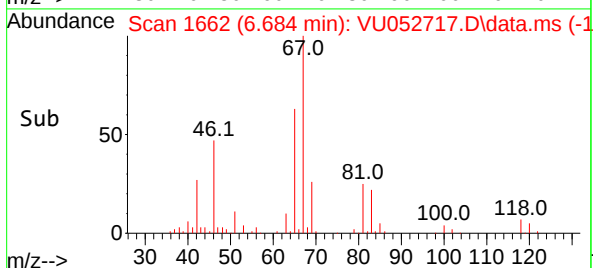
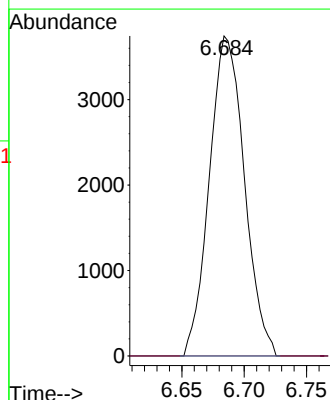
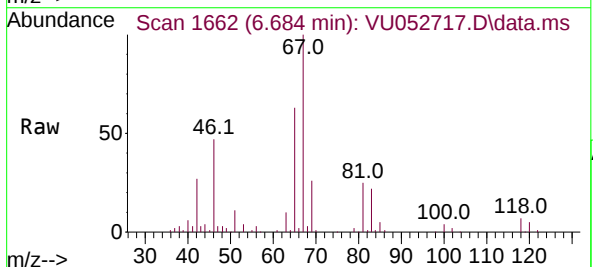
RT: 6.684 min Scan# 1662

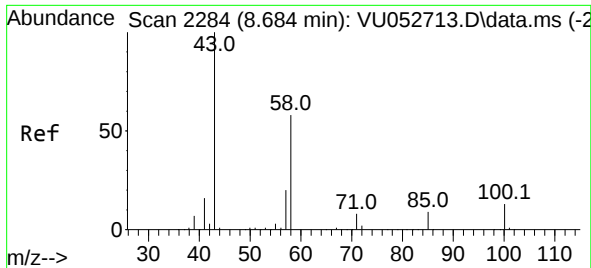
Delta R.T. -0.103 min

Lab File: VU052717.D

Acq: 17 Jan 2023 13:26

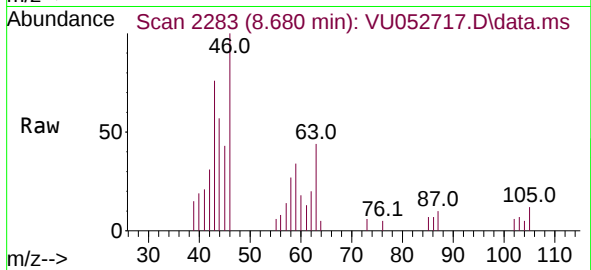
Tgt Ion: 63	Resp: 7322
Ion Ratio	Lower Upper
63	100
112	0.0 2.9 4.3#



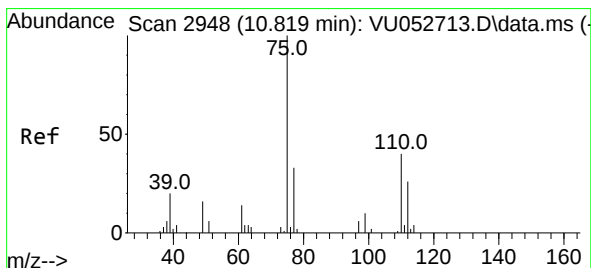
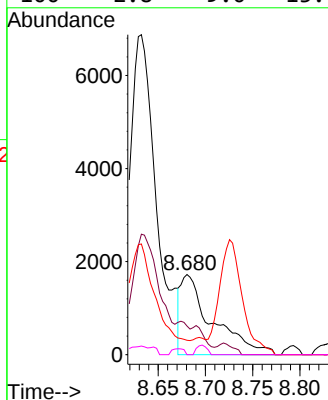
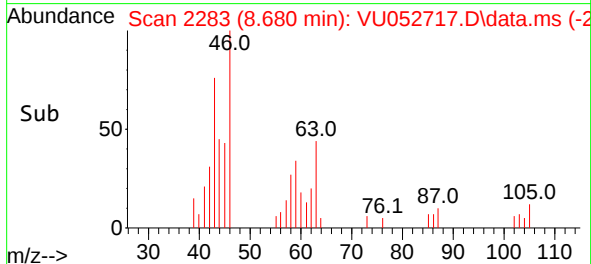


#48
2-Hexanone
Concen: 0.729 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052717.D
Acq: 17 Jan 2023 13:26

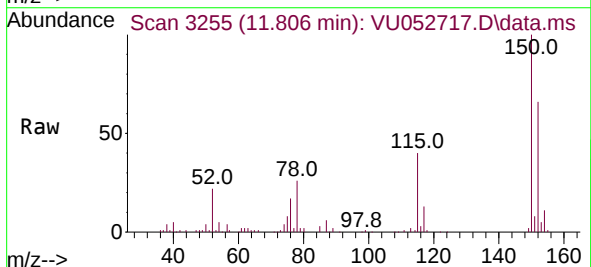
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
58 0.0 45.1 67.7#
57 0.0 15.1 22.7#
100 2.8 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.049 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052717.D
Acq: 17 Jan 2023 13:26



Tgt Ion: 75 Resp: 6538
Ion Ratio Lower Upper
75 100
110 1.2 27.2 40.8#
77 31.4 24.0 36.0

