

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052721.D
 Acq On : 17 Jan 2023 15:11
 Operator : JC/MD
 Sample : 01138-14 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:18:20 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)

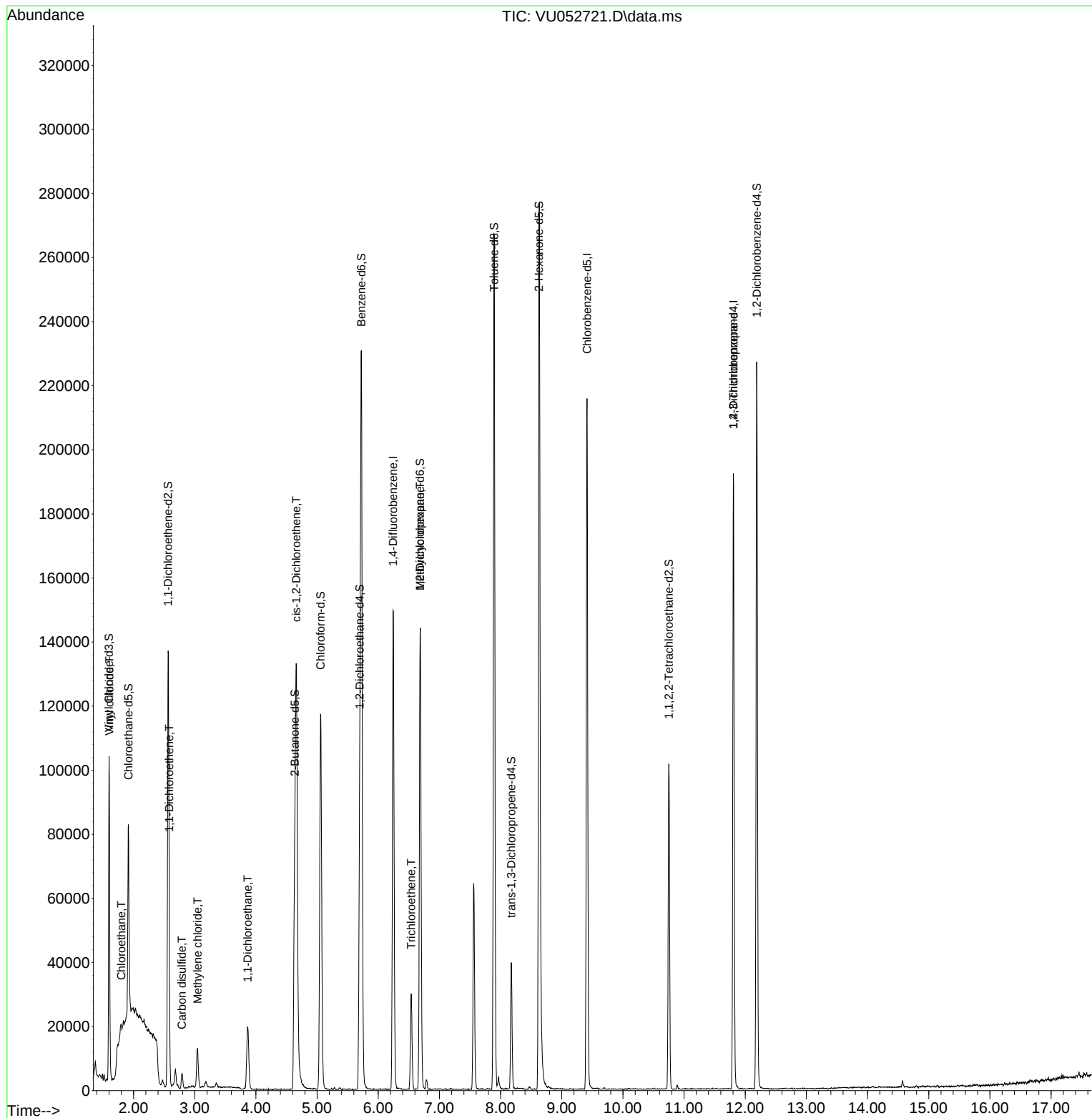
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	121116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	118396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52538	4.937	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.916	69	46184	5.328	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.565	65	24268	5.179	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.600%	
20) 2-Butanone-d5	4.636	46	126114	44.328	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.660%	
24) Chloroform-d	5.057	84	111077	5.596	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.000%	
26) 1,2-Dichloroethane-d4	5.697	65	58029	5.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.800%	
32) Benzene-d6	5.726	84	218061	5.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.600%	
36) 1,2-Dichloropropane-d6	6.684	67	70623	5.523	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.400%	
41) Toluene-d8	7.893	98	176282	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
43) trans-1,3-Dichloroprop...	8.176	79	21968	4.619	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.629	63	92035	46.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.180%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50553	5.163	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	60687	6.536	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	130.800%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	24804	1.641	ug/L	92
8) Chloroethane	1.800	64	42875	4.665	ug/L #	52
12) 1,1-Dichloroethene	2.581	96	6310	0.601	ug/L #	1
14) Carbon disulfide	2.790	76	6775	0.187	ug/L	98
16) Methylene chloride	3.044	84	6126	0.438	ug/L	85
19) 1,1-Dichloroethane	3.864	63	22939	1.032	ug/L	93
22) cis-1,2-Dichloroethene	4.661	96	49960	4.344	ug/L	94
34) Trichloroethene	6.539	95	10322	0.931	ug/L	94
35) Methylcyclohexane	6.684	83	16699	0.912	ug/L #	16
61) 1,2,3-Trichloropropane	11.806	75	6129	1.034	ug/L #	67

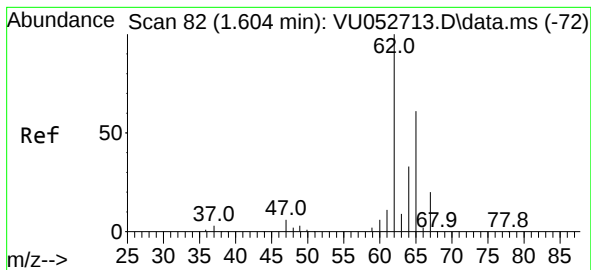
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.641 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052721.D

Acq: 17 Jan 2023 15:11

Instrument :

MSVOA_U

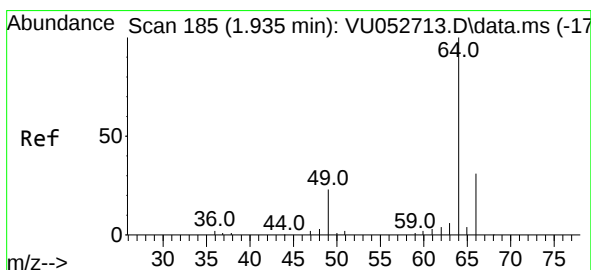
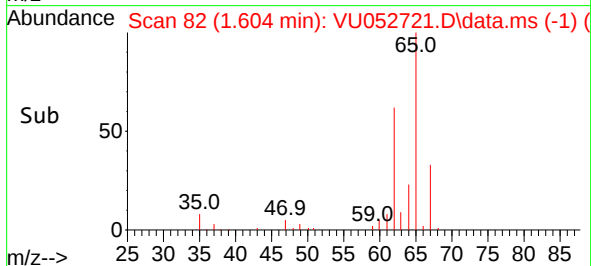
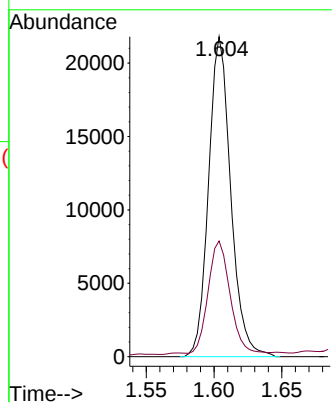
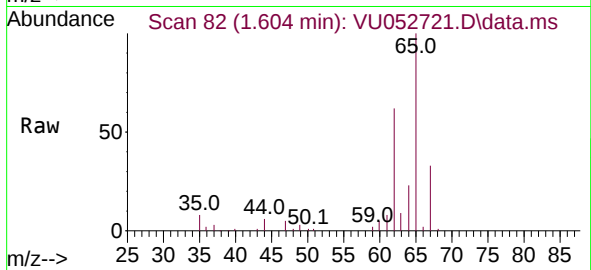
ClientSampleId :

Tgt Ion: 62 Resp: 24804

Ion Ratio Lower Upper

62 100

64 36.2 22.3 41.3



#8

Chloroethane

Concen: 4.665 ug/L

RT: 1.800 min Scan# 143

Delta R.T. -0.135 min

Lab File: VU052721.D

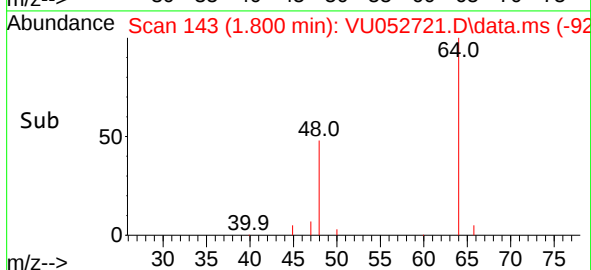
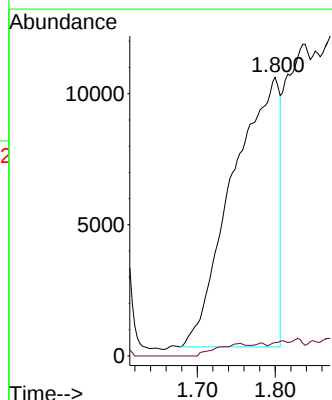
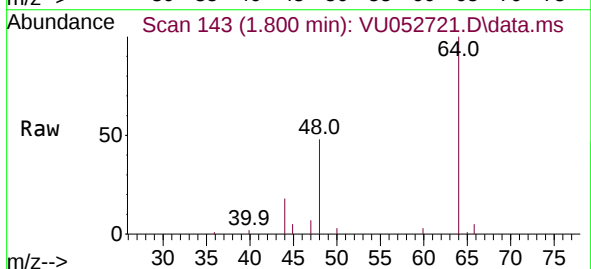
Acq: 17 Jan 2023 15:11

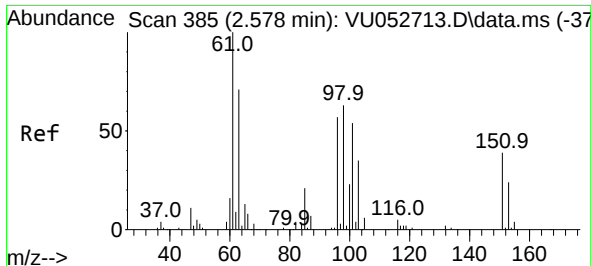
Tgt Ion: 64 Resp: 42875

Ion Ratio Lower Upper

64 100

66 4.8 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 0.601 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU052721.D

Acq: 17 Jan 2023 15:11

Instrument :

MSVOA_U

ClientSampleId :

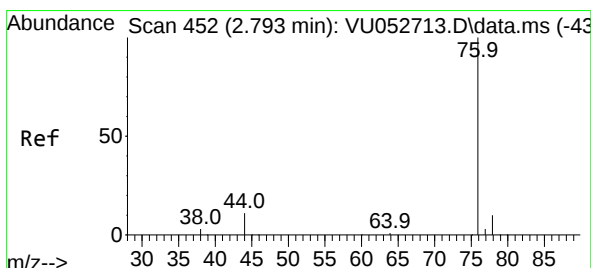
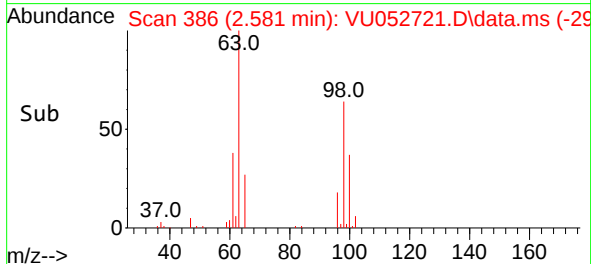
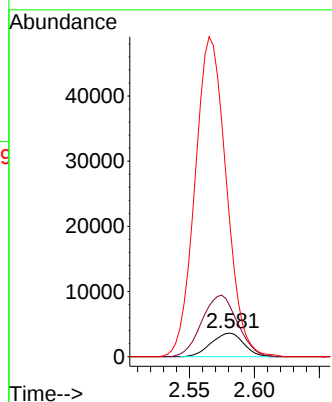
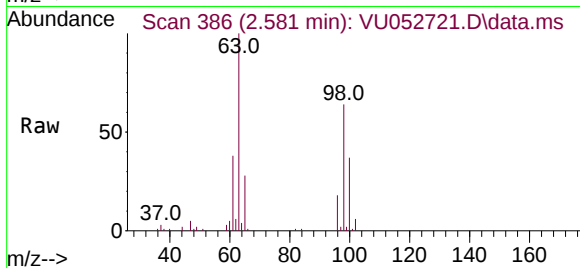
Tgt Ion: 96 Resp: 6310

Ion Ratio Lower Upper

96 100

61 212.6 129.6 240.8

63 553.8 83.7 155.5#



#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052721.D

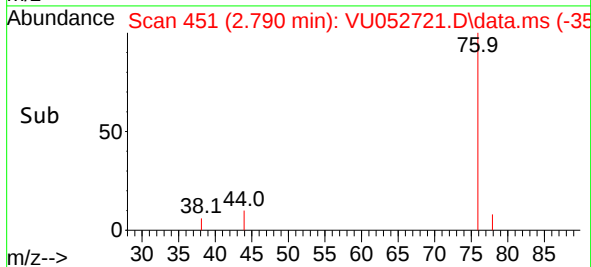
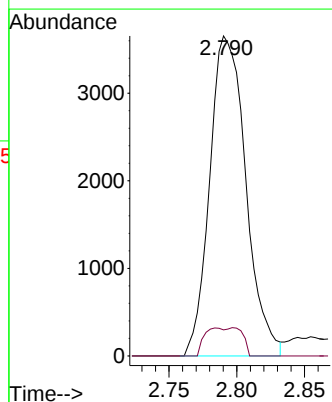
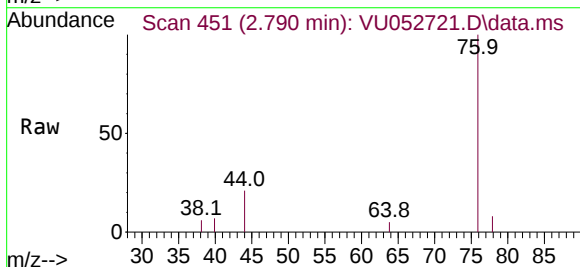
Acq: 17 Jan 2023 15:11

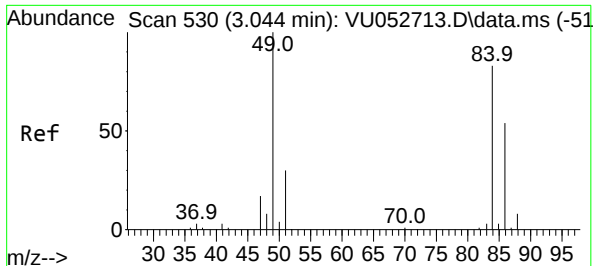
Tgt Ion: 76 Resp: 6775

Ion Ratio Lower Upper

76 100

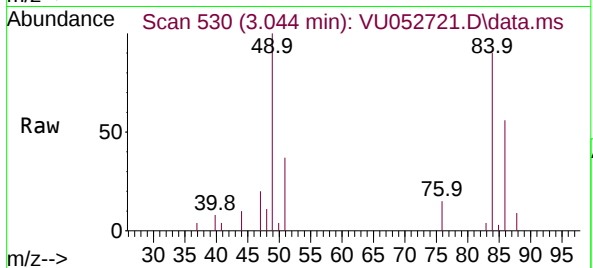
78 8.2 7.0 10.6





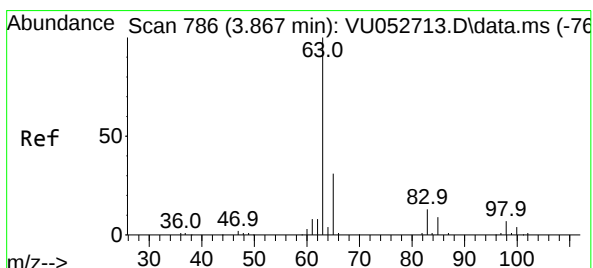
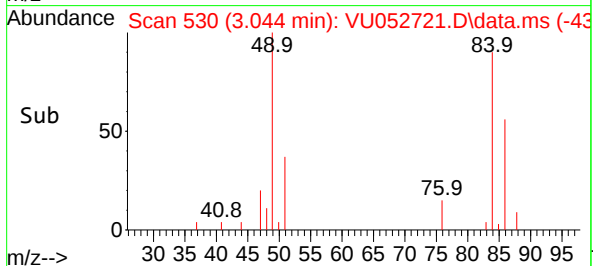
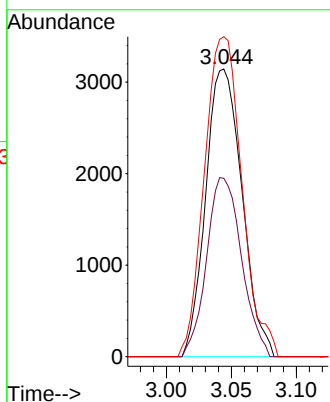
#16
Methylene chloride
Concen: 0.438 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052721.D
Acq: 17 Jan 2023 15:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6126

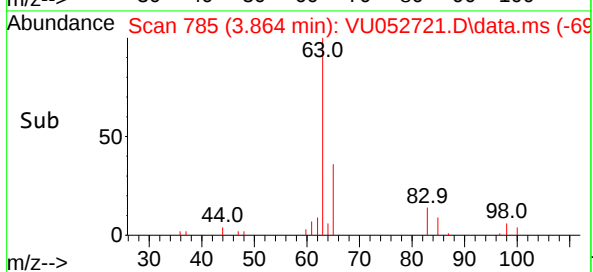
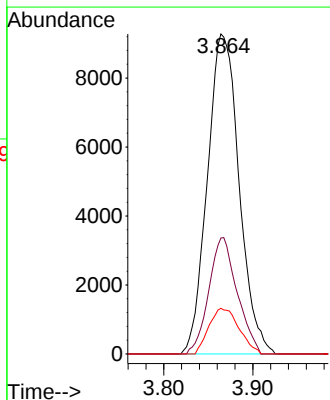
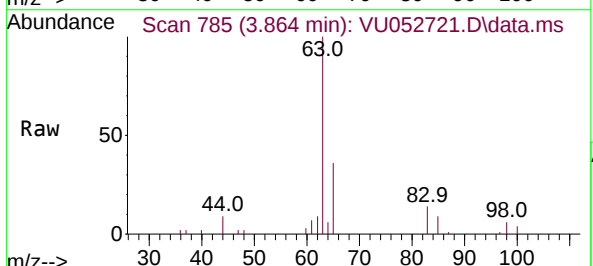
Ion	Ratio	Lower	Upper
84	100		
86	62.0	45.6	84.6
49	111.3	94.8	176.0

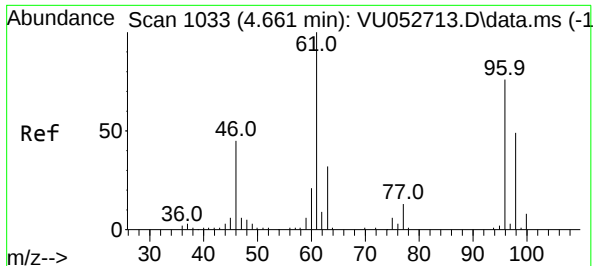


#19
1,1-Dichloroethane
Concen: 1.032 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU052721.D
Acq: 17 Jan 2023 15:11

Tgt Ion: 63 Resp: 22939

Ion	Ratio	Lower	Upper
63	100		
65	36.2	22.0	41.0
83	14.3	8.9	16.5





#22

cis-1,2-Dichloroethene

Concen: 4.344 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052721.D

Acq: 17 Jan 2023 15:11

Instrument :

MSVOA_U

ClientSampleId :

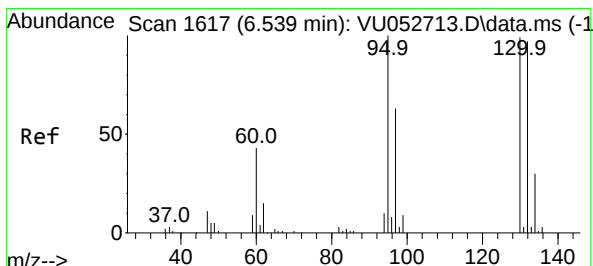
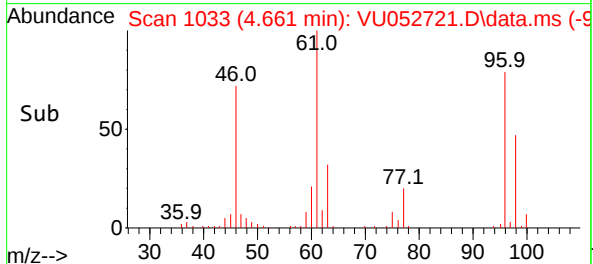
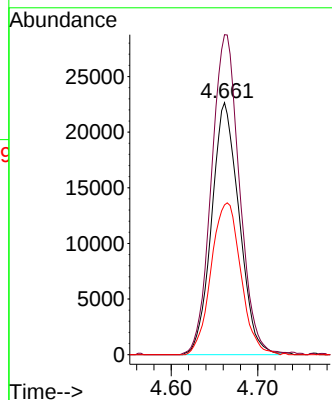
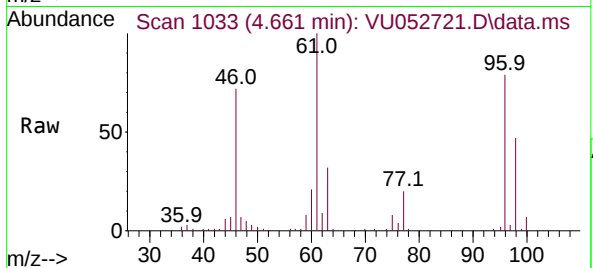
Tgt Ion: 96 Resp: 49960

Ion Ratio Lower Upper

96 100

61 126.9 94.6 175.8

98 59.4 43.3 80.3



#34

Trichloroethene

Concen: 0.931 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052721.D

Acq: 17 Jan 2023 15:11

Tgt Ion: 95 Resp: 10322

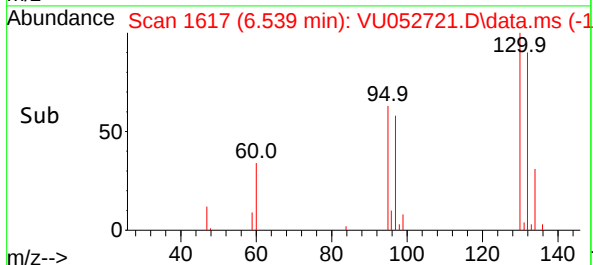
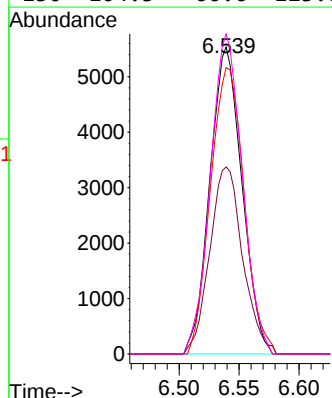
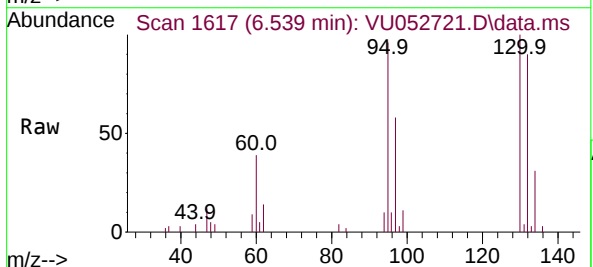
Ion Ratio Lower Upper

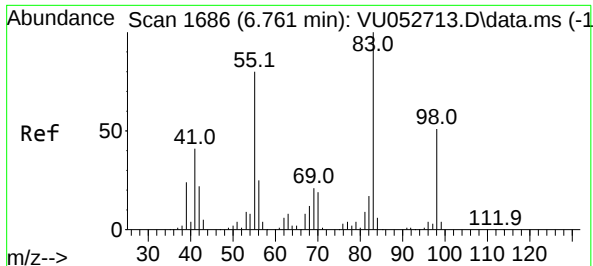
95 100

97 60.9 46.0 85.4

132 93.3 64.0 118.8

130 104.3 66.6 123.8





#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU052721.D

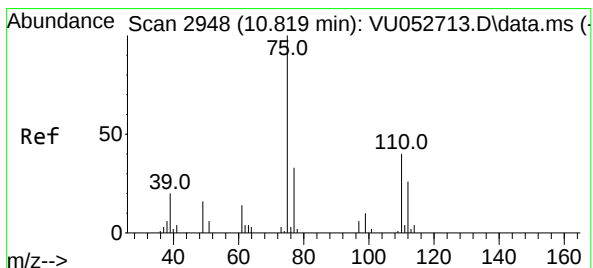
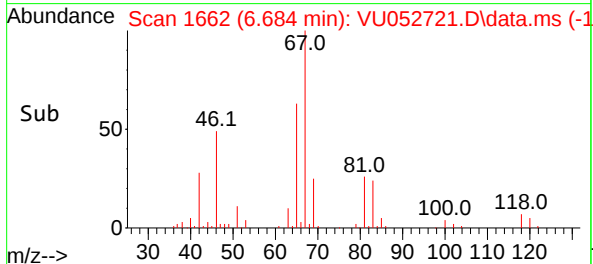
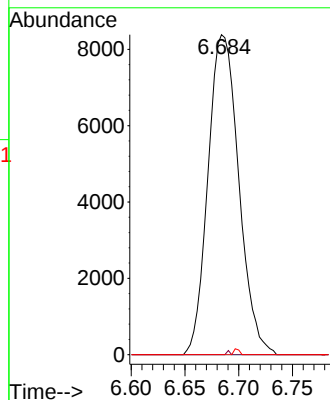
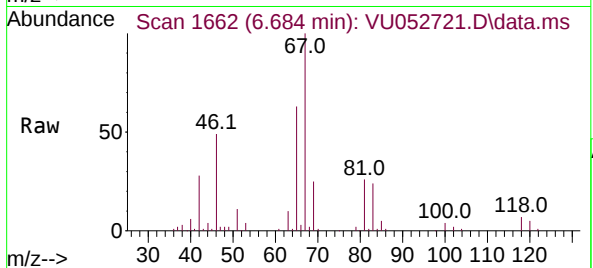
Acq: 17 Jan 2023 15:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16699
Ion Ratio	Lower Upper
83 100	
55 0.1	67.6 101.4#
98 0.3	37.1 55.7#



#61

1,2,3-Trichloropropane

Concen: 1.034 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052721.D

Acq: 17 Jan 2023 15:11

Tgt Ion: 75	Resp: 6129
Ion Ratio	Lower Upper
75 100	
110 0.7	27.2 40.8#
77 32.3	24.0 36.0

