

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052707.D
 Acq On : 16 Jan 2023 17:44
 Operator : JC/MD
 Sample : 01138-17 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y0

Quant Time: Jan 17 05:34:41 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)

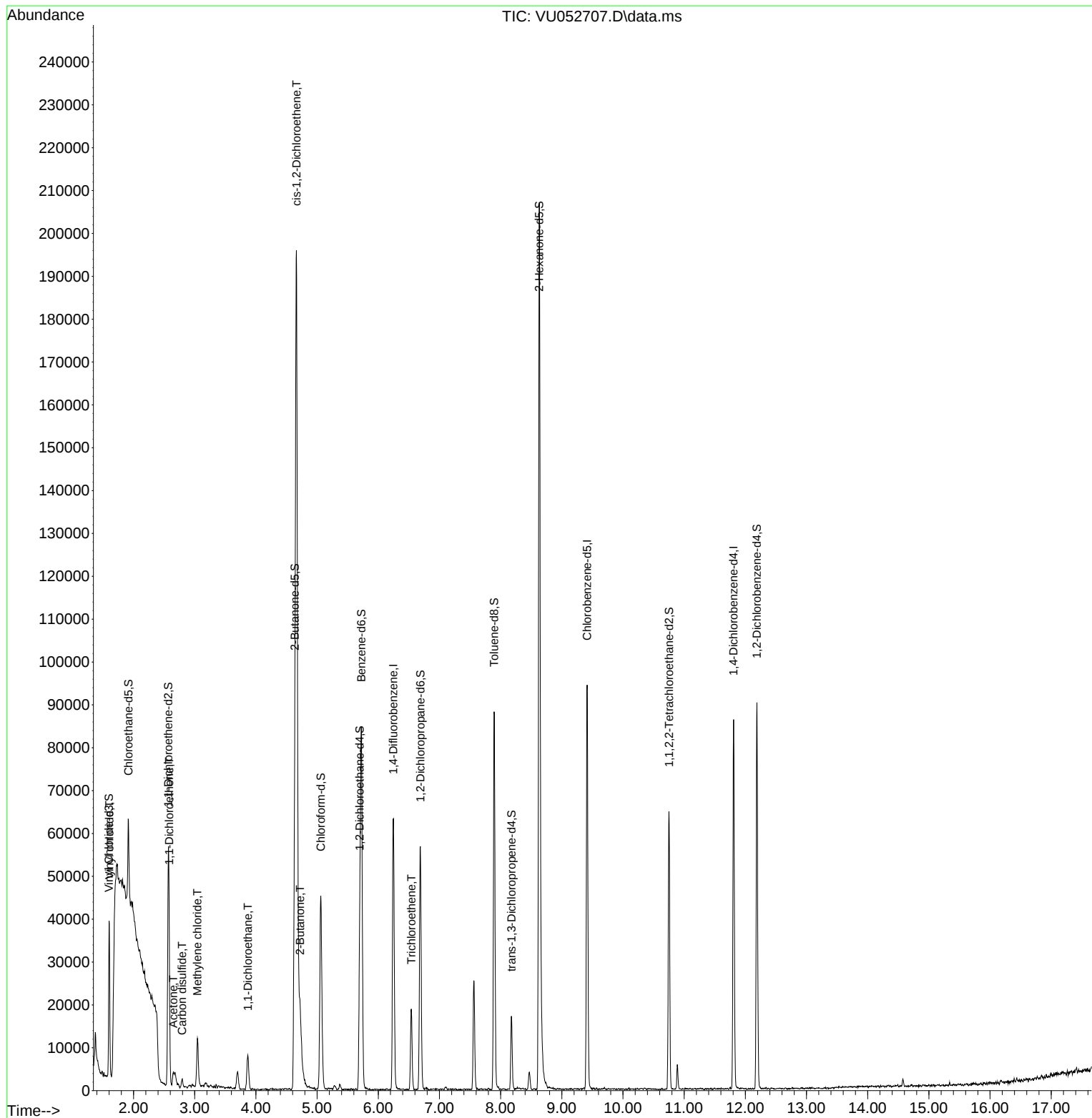
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	54266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	52866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	23227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	14829	3.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.916	69	14921	3.842	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.800%	
11) 1,1-Dichloroethene-d2	2.569	65	8273	3.940	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	4.636	46	113347	88.919	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	177.840%#	
24) Chloroform-d	5.060	84	41312	4.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.697	65	27313	5.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.600%	
32) Benzene-d6	5.723	84	77534	4.525	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.687	67	26889	4.709	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.893	98	57545	3.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.200%	
43) trans-1,3-Dichloroprop...	8.176	79	10367	4.882	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.629	63	68641	77.817	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	155.640%#	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	32878	7.520	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	150.400%#	
66) 1,2-Dichlorobenzene-d4	12.189	152	23464	5.549	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	14038	2.072	ug/L	98
12) 1,1-Dichloroethene	2.581	96	8729	1.855	ug/L #	80
13) Acetone	2.649	43	7774	8.503	ug/L	71
14) Carbon disulfide	2.794	76	3029	0.186	ug/L #	92
16) Methylene chloride	3.041	84	5634	0.900	ug/L	94
19) 1,1-Dichloroethane	3.868	63	10040	1.008	ug/L	98
21) 2-Butanone	4.720	43	32167	21.857	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	84072	16.316	ug/L	96
34) Trichloroethene	6.539	95	6747	1.363	ug/L	95

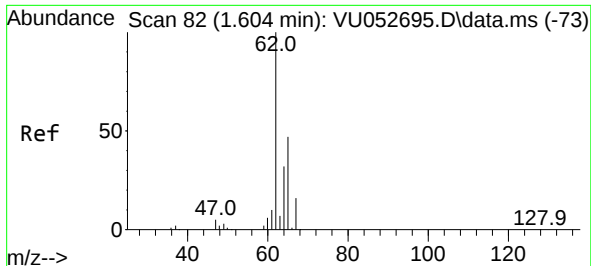
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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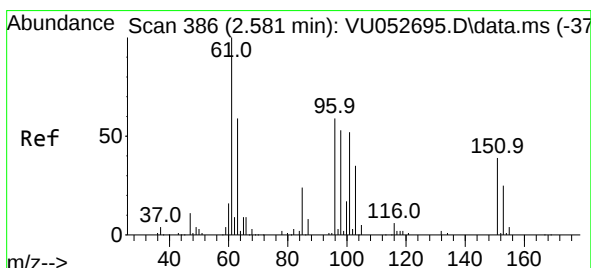
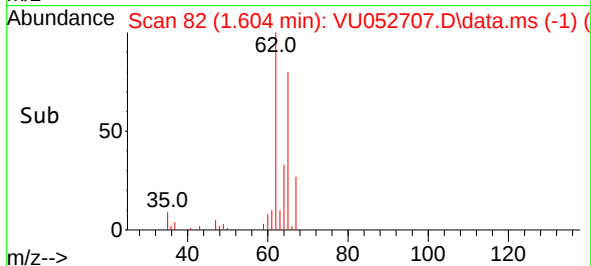
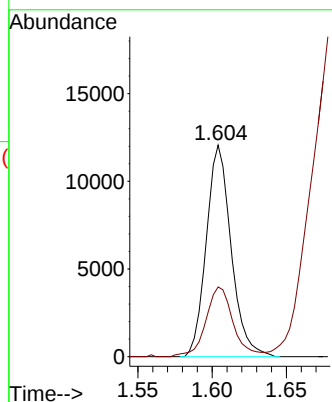
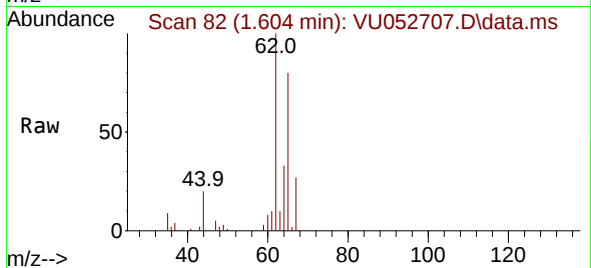




#5
 Vinyl chloride
 Concen: 2.072 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052707.D
 Acq: 16 Jan 2023 17:44

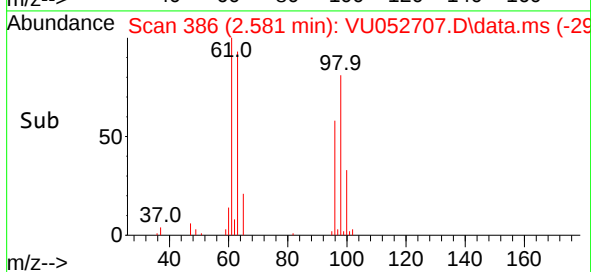
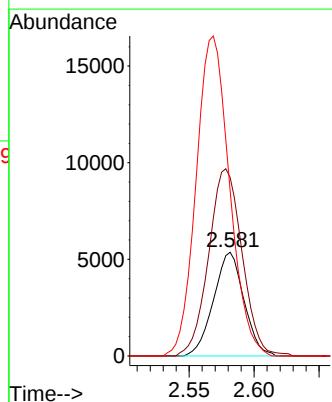
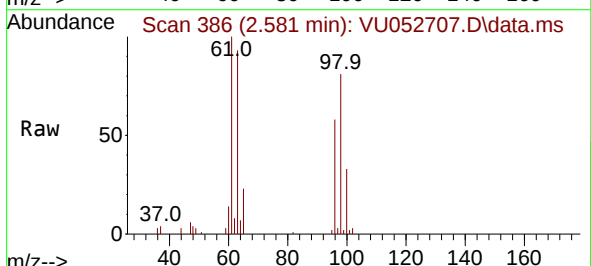
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y0

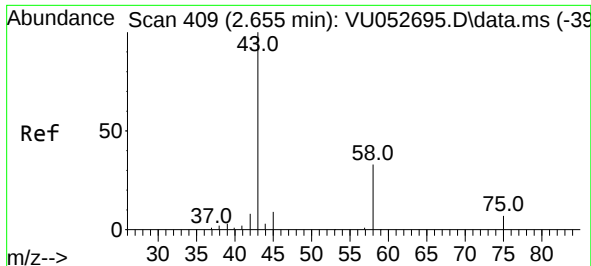
Tgt Ion: 62 Resp: 14038
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 1.855 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052707.D
 Acq: 16 Jan 2023 17:44

Tgt Ion: 96 Resp: 8729
 Ion Ratio Lower Upper
 96 100
 61 172.2 129.6 240.8
 63 159.9 83.7 155.5#





#13

Acetone

Concen: 8.503 ug/L

RT: 2.649 min Scan# 409

Delta R.T. -0.013 min

Lab File: VU052707.D

Acq: 16 Jan 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

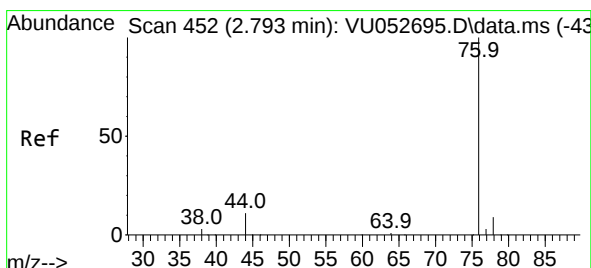
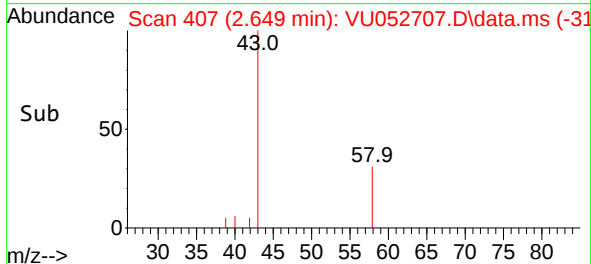
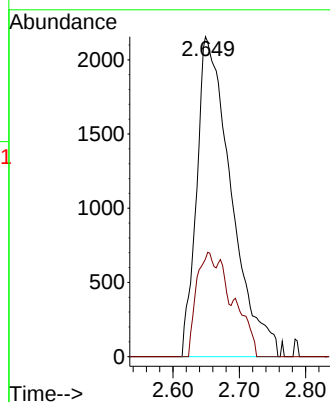
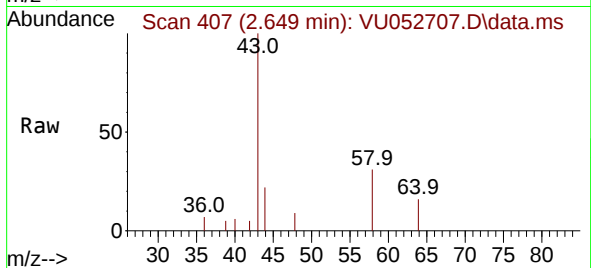
BH1Y0

Tgt Ion: 43 Resp: 7774

Ion Ratio Lower Upper

43 100

58 17.6 0.0 68.8



#14

Carbon disulfide

Concen: 0.186 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052707.D

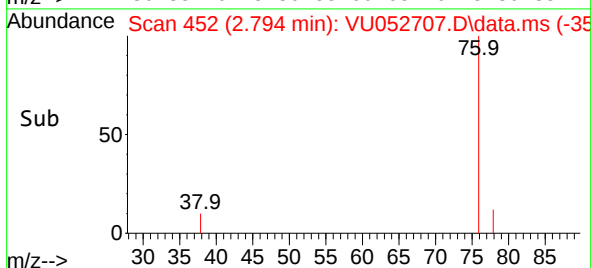
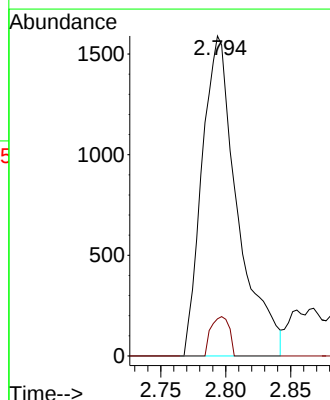
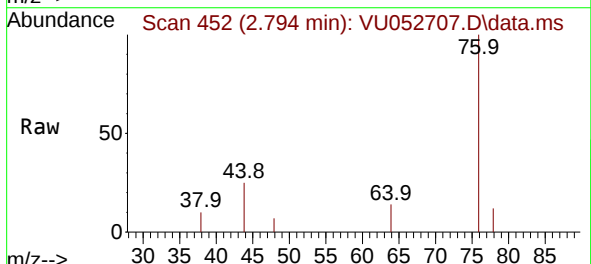
Acq: 16 Jan 2023 17:44

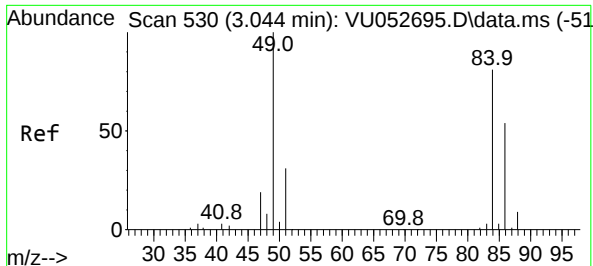
Tgt Ion: 76 Resp: 3029

Ion Ratio Lower Upper

76 100

78 11.6 7.0 10.6#

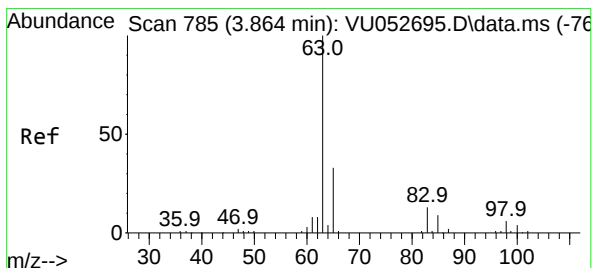
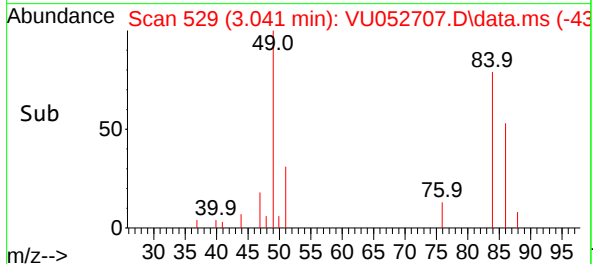
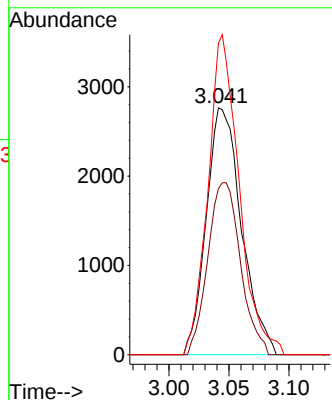
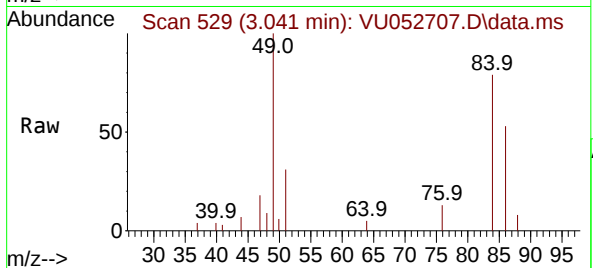




#16
Methylene chloride
Concen: 0.900 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

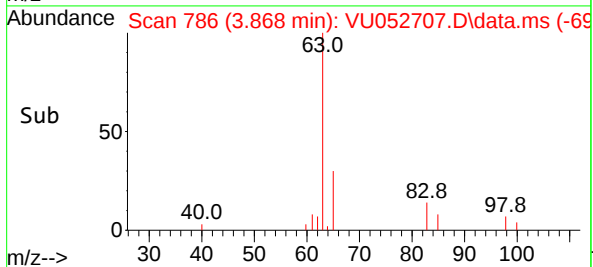
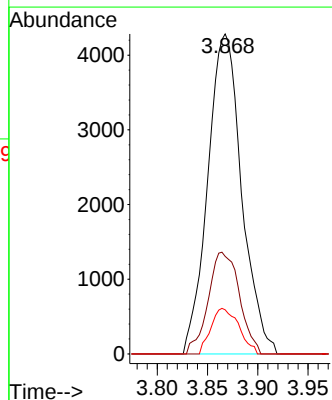
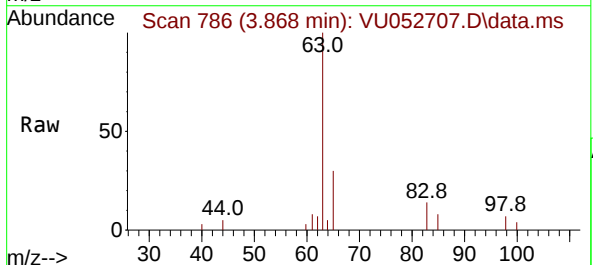
Instrument :
MSVOA_U
ClientSampleId :
BH1Y0

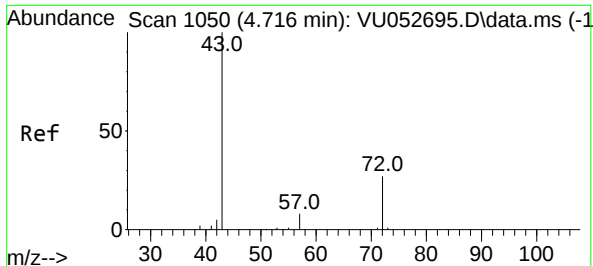
Tgt Ion: 84 Resp: 5634
Ion Ratio Lower Upper
84 100
86 67.3 45.6 84.6
49 126.3 94.8 176.0



#19
1,1-Dichloroethane
Concen: 1.008 ug/L
RT: 3.868 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU052707.D
Acq: 16 Jan 2023 17:44

Tgt Ion: 63 Resp: 10040
Ion Ratio Lower Upper
63 100
65 30.5 22.0 41.0
83 13.8 8.9 16.5





#21

2-Butanone

Concen: 21.857 ug/L

RT: 4.720 min Scan# 1051

Delta R.T. 0.003 min

Lab File: VU052707.D

Acq: 16 Jan 2023 17:44

Instrument :

MSVOA_U

ClientSampleId :

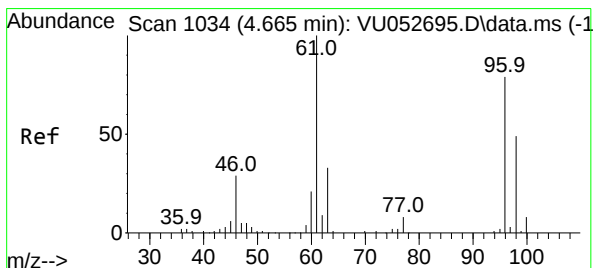
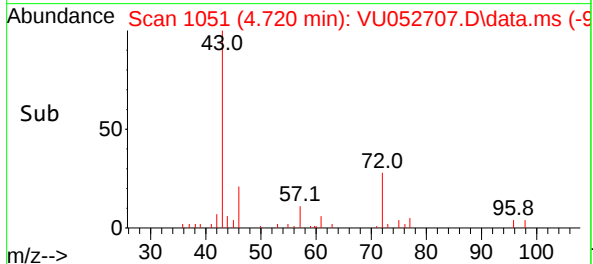
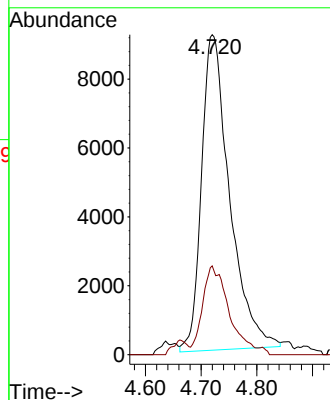
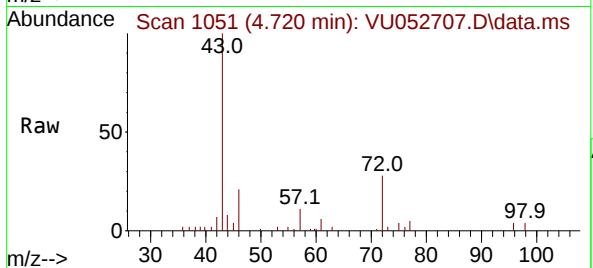
BH1Y0

Tgt Ion: 43 Resp: 32167

Ion Ratio Lower Upper

43 100

72 23.6 12.9 38.6



#22

cis-1,2-Dichloroethene

Concen: 16.316 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052707.D

Acq: 16 Jan 2023 17:44

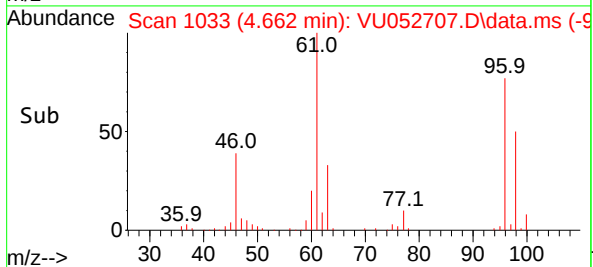
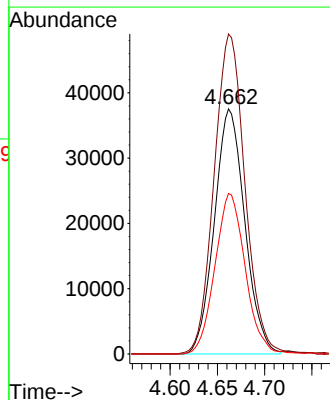
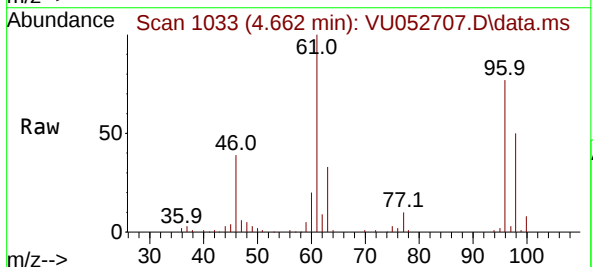
Tgt Ion: 96 Resp: 84072

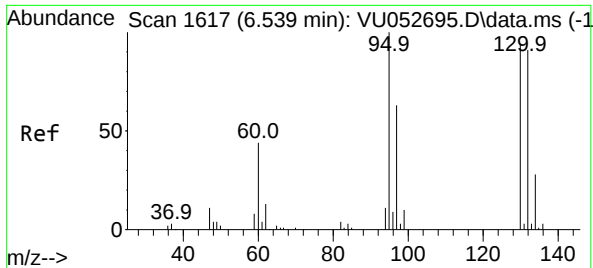
Ion Ratio Lower Upper

96 100

61 130.6 94.6 175.8

98 65.5 43.3 80.3





#34
 Trichloroethene
 Concen: 1.363 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 6747

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.0	85.4
132	85.7	64.0	118.8
130	89.4	66.6	123.8

