

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050184.D
 Acq On : 09 Aug 2022 15:21
 Operator : SY/MD
 Sample : N4075-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:48:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

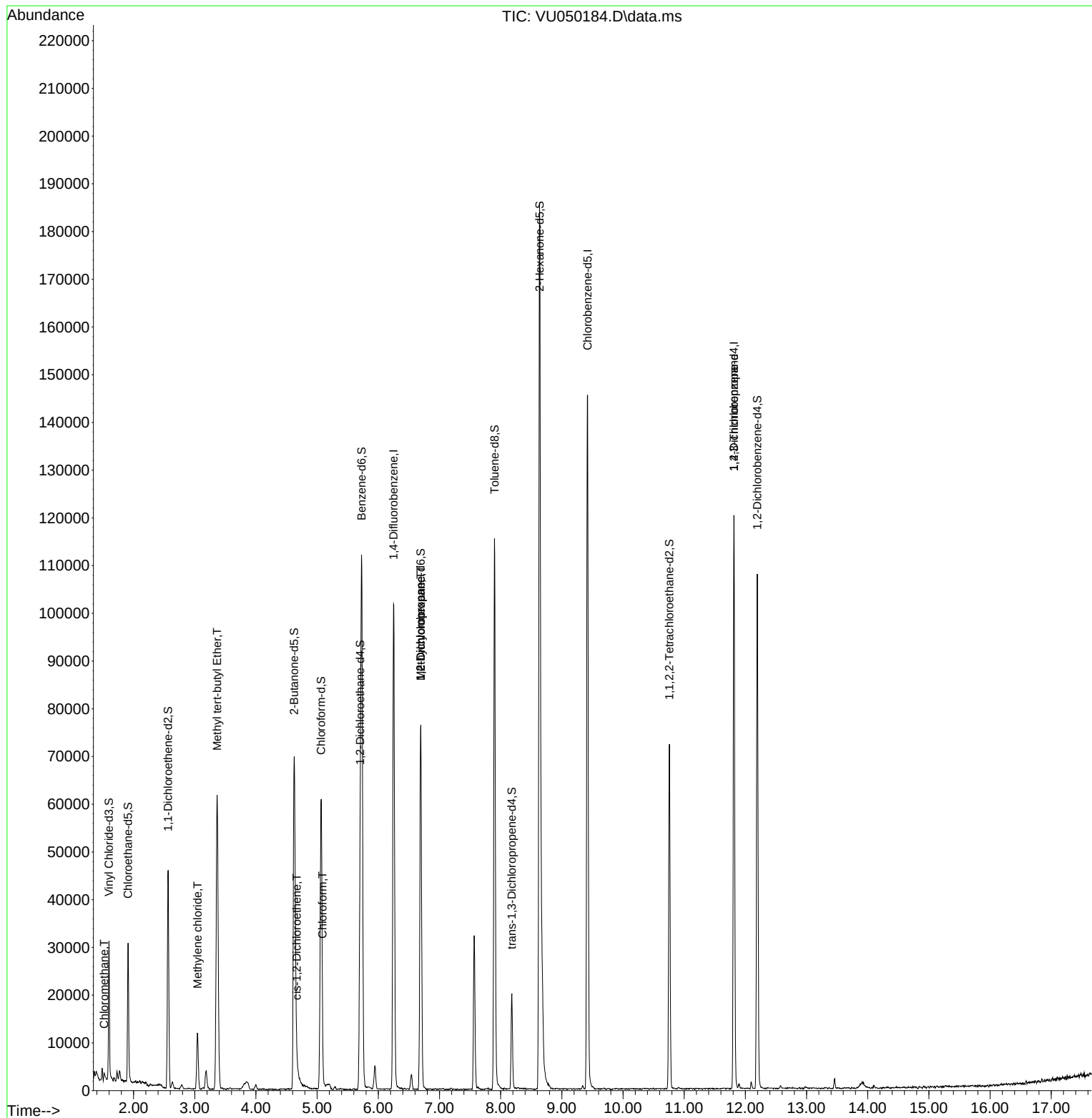
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85377	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20666	2.909	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.200%	
7) Chloroethane-d5	1.909	69	22059	3.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.562	65	8351	3.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	4.623	46	101104	58.352	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.700%	
24) Chloroform-d	5.067	84	58522	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.703	65	32508	4.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.729	84	105249	3.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.000%	
36) 1,2-Dichloropropane-d6	6.694	67	39179	4.412	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.899	98	79126	3.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	11758	3.695	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.636	63	59922	53.101	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.200%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37809	4.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30313	4.748	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1893	0.185	ug/L	91
16) Methylene chloride	3.044	84	5788	0.642	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	65042	4.223	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	405	0.055	ug/L	87
25) Chloroform	5.086	83	353	0.026	ug/L #	65
35) Methylcyclohexane	6.694	83	8579	0.908	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4272	0.530	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4093	0.922	ug/L #	68

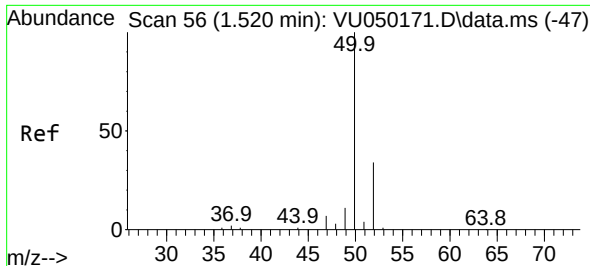
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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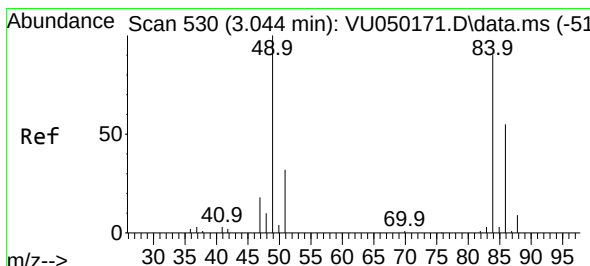
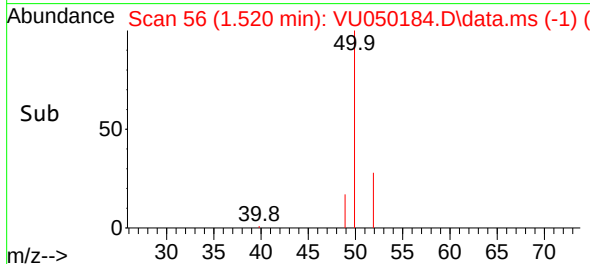
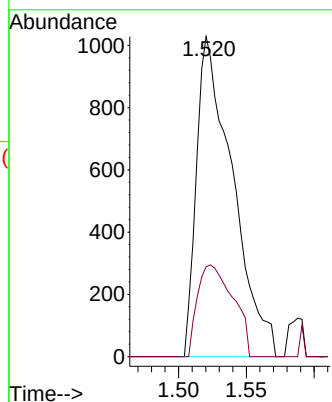
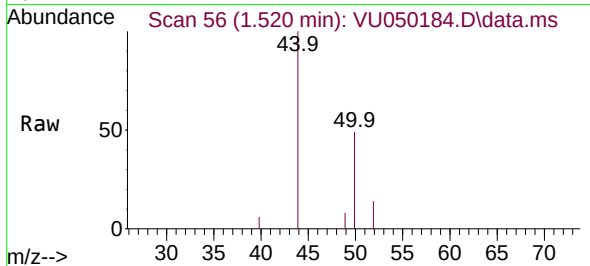




#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050184.D
Acq: 09 Aug 2022 15:21

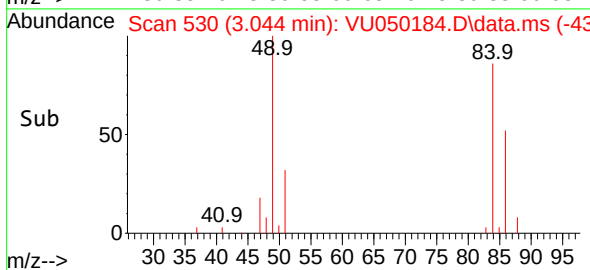
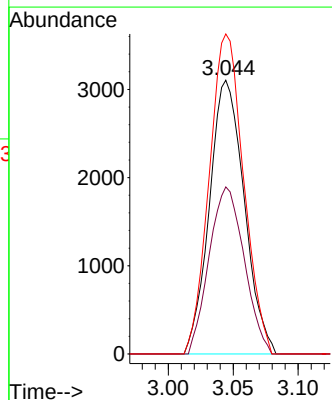
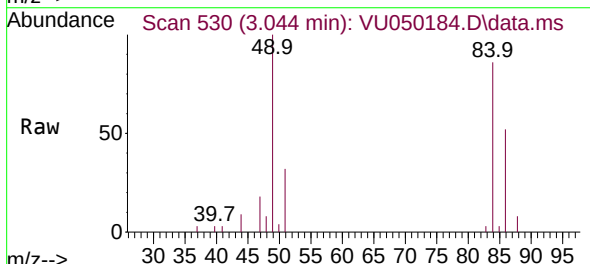
Instrument :
MSVOA_U
ClientSampleId :

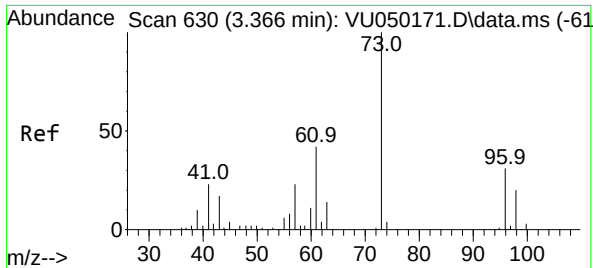
Tgt Ion: 50 Resp: 1893
Ion Ratio Lower Upper
50 100
52 28.1 23.2 43.2



#16
Methylene chloride
Concen: 0.642 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050184.D
Acq: 09 Aug 2022 15:21

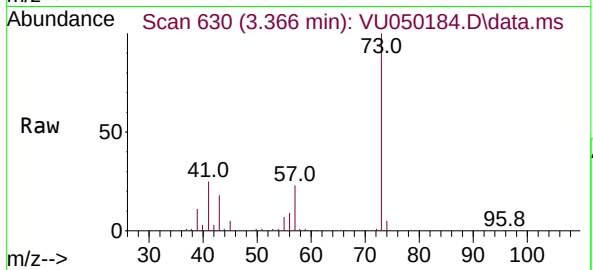
Tgt Ion: 84 Resp: 5788
Ion Ratio Lower Upper
84 100
86 61.0 45.9 85.3
49 116.9 77.6 144.0



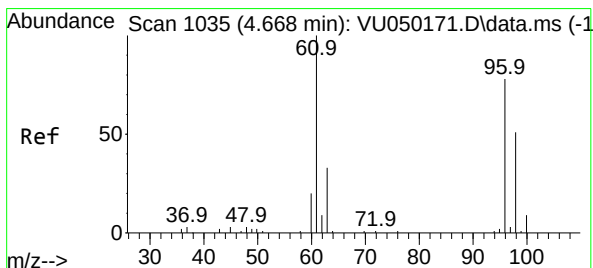
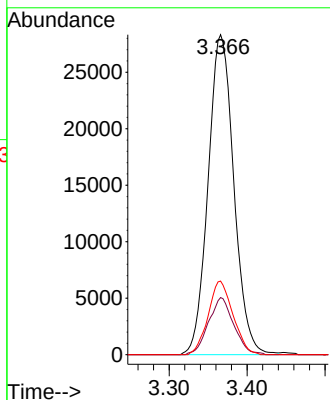
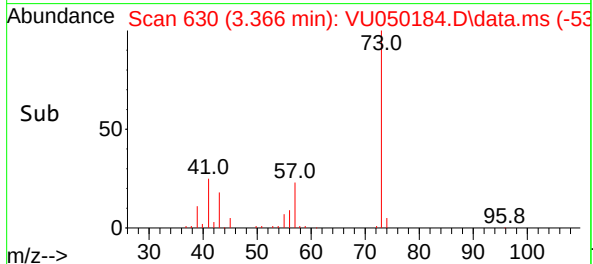


#17
Methyl tert-butyl Ether
Concen: 4.223 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050184.D
Acq: 09 Aug 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :

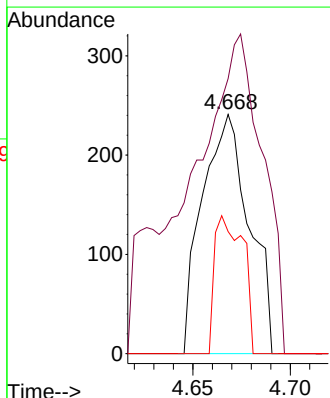
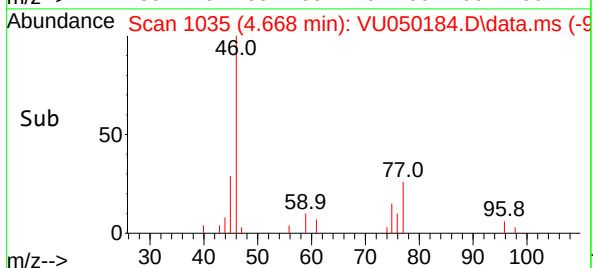
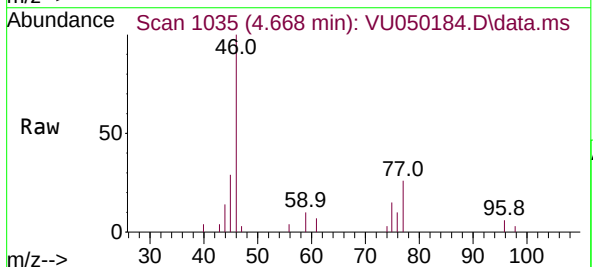


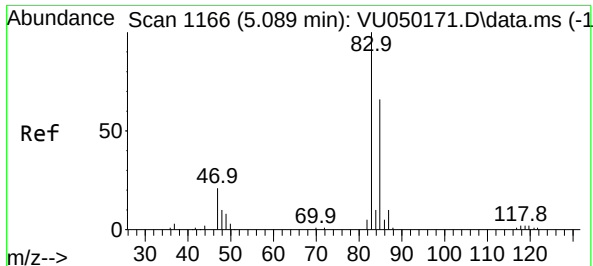
Tgt Ion: 73 Resp: 65042
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 22.2 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 0.055 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050184.D
Acq: 09 Aug 2022 15:21

Tgt Ion: 96 Resp: 405
Ion Ratio Lower Upper
96 100
61 114.9 89.0 165.4
98 51.0 45.2 84.0





#25

Chloroform

Concen: 0.026 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050184.D

Acq: 09 Aug 2022 15:21

Instrument :

MSVOA_U

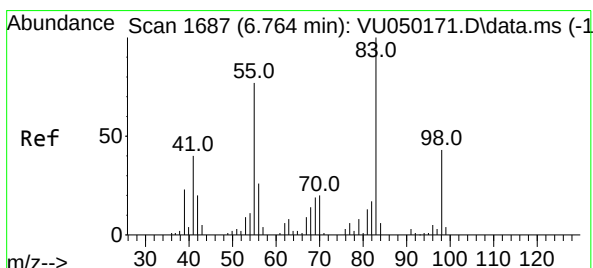
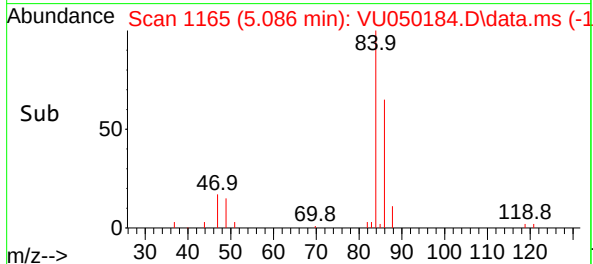
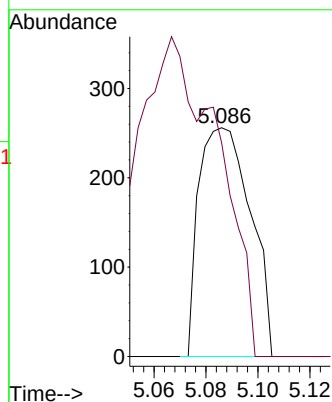
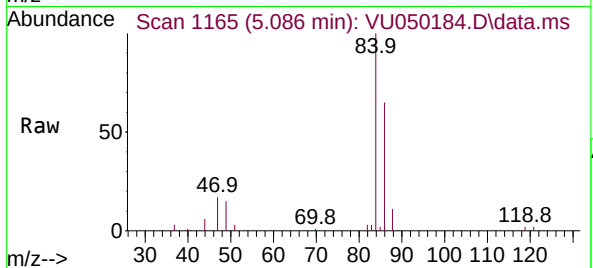
ClientSampleId :

Tgt Ion: 83 Resp: 353

Ion Ratio Lower Upper

83 100

85 93.4 46.1 85.5#



#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050184.D

Acq: 09 Aug 2022 15:21

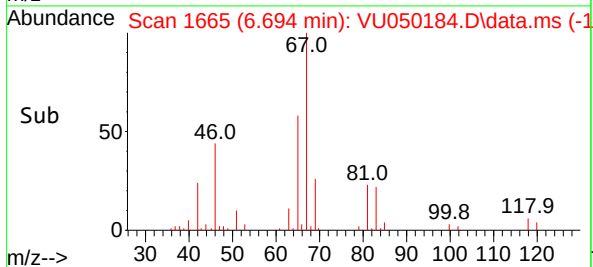
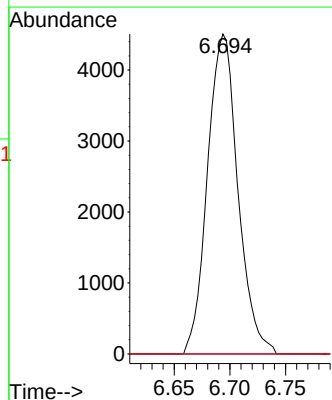
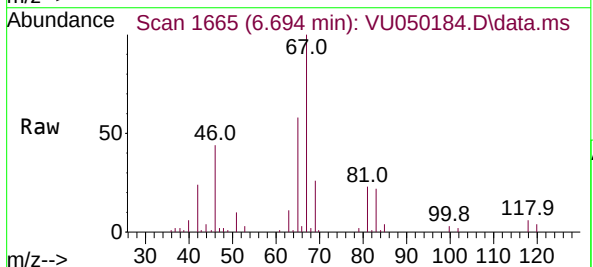
Tgt Ion: 83 Resp: 8579

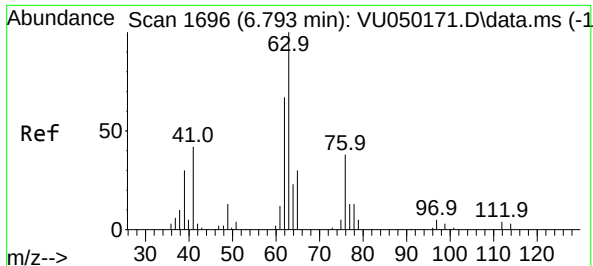
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 2.6 36.2 54.2#

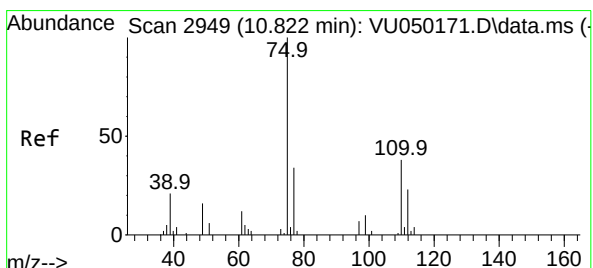
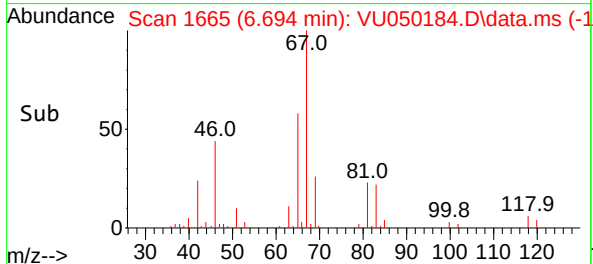
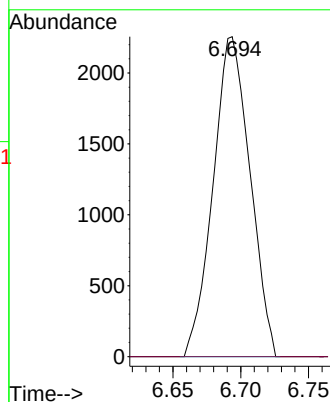
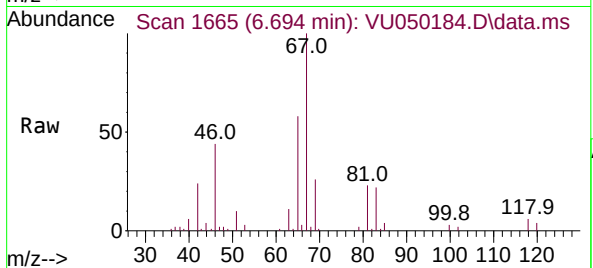




#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050184.D
Acq: 09 Aug 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4272
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.922 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050184.D
Acq: 09 Aug 2022 15:21

Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
110 1.5 28.5 42.7#
77 30.8 25.8 38.6

