

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049983.D
 Acq On : 28 Jul 2022 13:51
 Operator : SY/MD
 Sample : N3873-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27

Quant Time: Jul 29 02:36:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

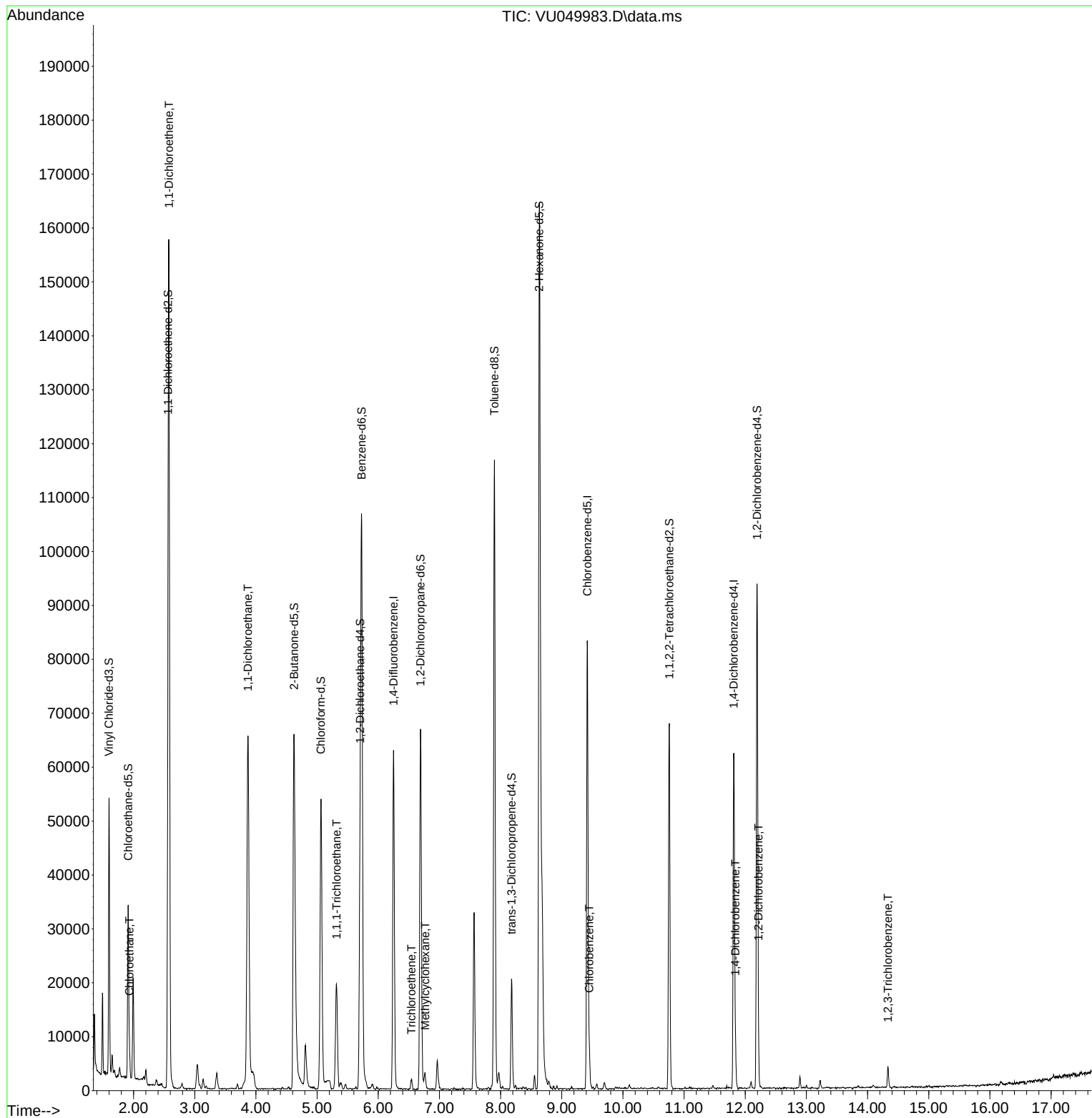
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	52664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	49461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	18172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31512	6.969	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	139.400%#	
7) Chloroethane-d5	1.912	69	24178	7.444	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	148.800%#	
11) 1,1-Dichloroethene-d2	2.565	65	11620	7.456	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	149.200%#	
20) 2-Butanone-d5	4.623	46	96752	96.121	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	192.240%#	
24) Chloroform-d	5.063	84	51619	6.899	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	138.000%#	
26) 1,2-Dichloroethane-d4	5.703	65	29199	7.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	154.800%#	
32) Benzene-d6	5.729	84	102166	6.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	139.800%#	
36) 1,2-Dichloropropane-d6	6.690	67	34528	7.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	144.200%#	
41) Toluene-d8	7.899	98	82921	6.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	127.600%	
43) trans-1,3-Dichloroprop...	8.179	79	12634	7.529	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	150.600%#	
46) 2-Hexanone-d5	8.632	63	53864	85.742	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	171.480%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35998	8.948	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	179.000%#	
66) 1,2-Dichlorobenzene-d4	12.192	152	26345	7.816	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	156.400%#	
Target Compounds						Qvalue
8) Chloroethane	1.932	64	2844	1.108	ug/L	99
12) 1,1-Dichloroethene	2.578	96	43883	15.098	ug/L	88
19) 1,1-Dichloroethane	3.870	63	74833	11.419	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	15138	2.882	ug/L	97
34) Trichloroethene	6.542	95	748	0.213	ug/L	92
35) Methylcyclohexane	6.767	83	1145	0.247	ug/L #	90
51) Chlorobenzene	9.449	112	3524	0.378	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	3502	0.689	ug/L	87
67) 1,2-Dichlorobenzene	12.214	146	799	0.156	ug/L #	72
72) 1,2,3-Trichlorobenzene	14.333	180	1737	0.592	ug/L	93

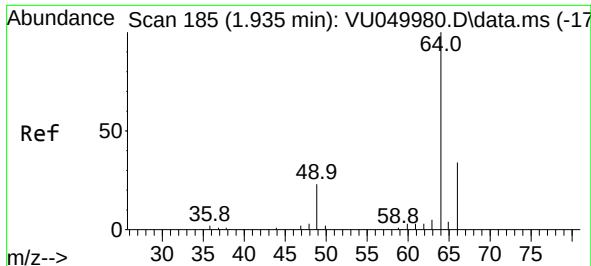
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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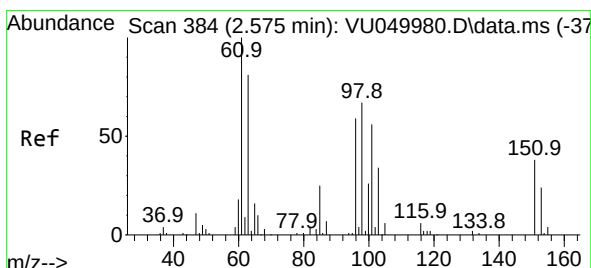
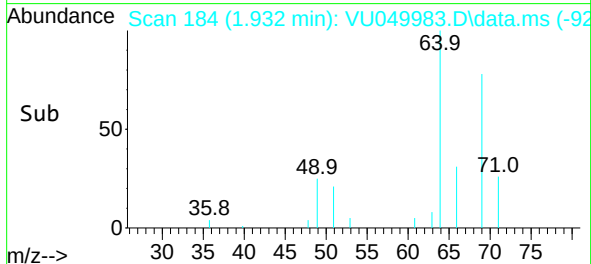
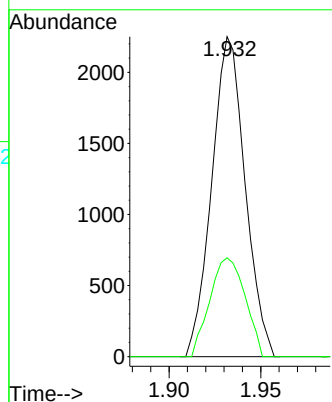
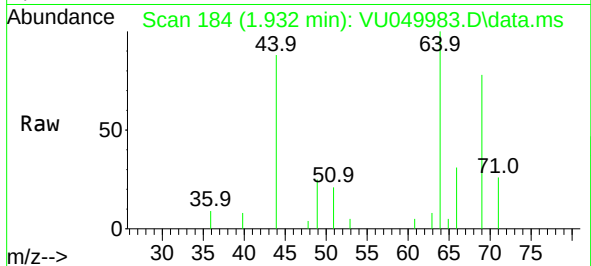




#8
Chloroethane
Concen: 1.108 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049983.D
Acq: 28 Jul 2022 13:51

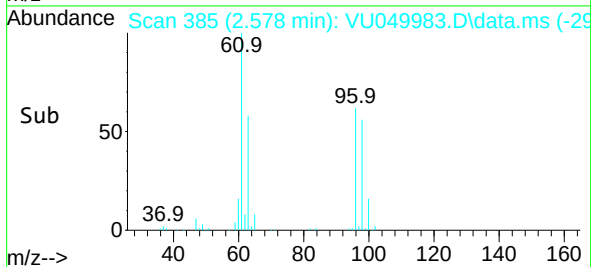
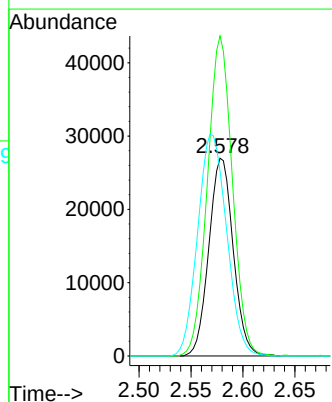
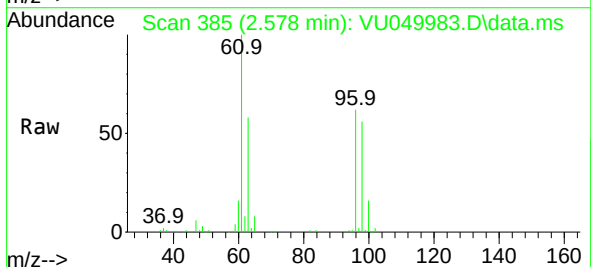
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

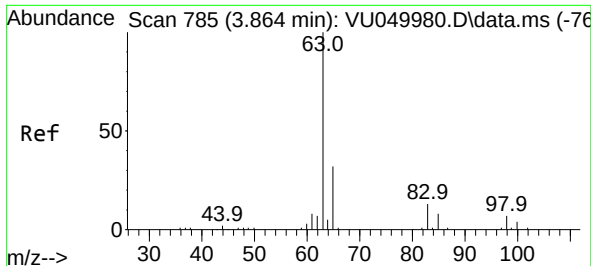
Tgt Ion: 64 Resp: 2844
Ion Ratio Lower Upper
64 100
66 30.9 21.4 39.8



#12
1,1-Dichloroethene
Concen: 15.098 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049983.D
Acq: 28 Jul 2022 13:51

Tgt Ion: 96 Resp: 43883
Ion Ratio Lower Upper
96 100
61 161.8 115.7 214.9
63 93.5 84.8 157.4





#19

1,1-Dichloroethane

Concen: 11.419 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU049983.D

Acq: 28 Jul 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

GBJ27

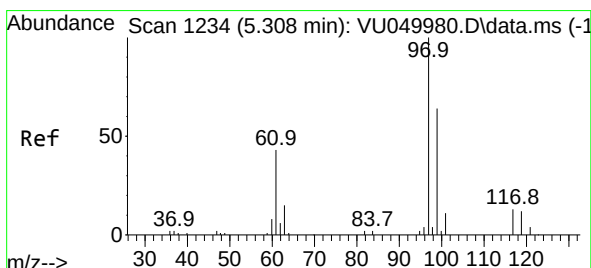
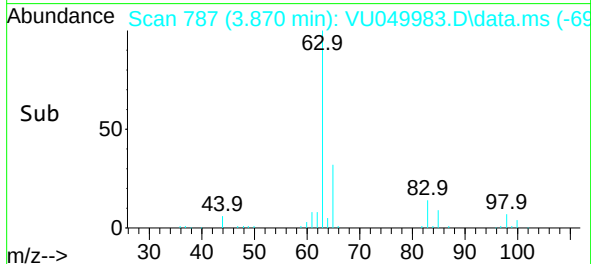
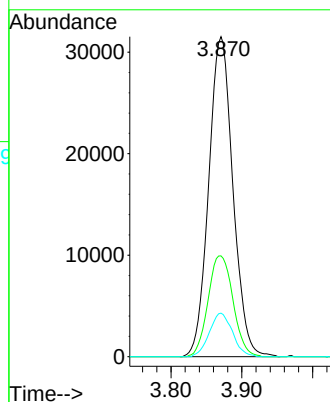
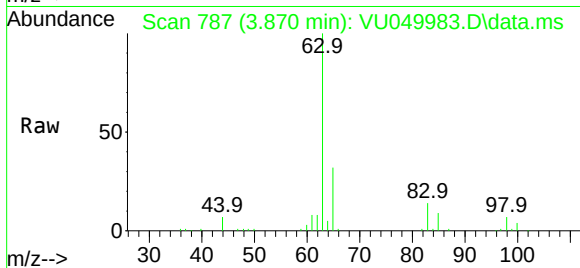
Tgt Ion: 63 Resp: 74833

Ion Ratio Lower Upper

63 100

65 31.5 23.4 43.6

83 13.6 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 2.882 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.010 min

Lab File: VU049983.D

Acq: 28 Jul 2022 13:51

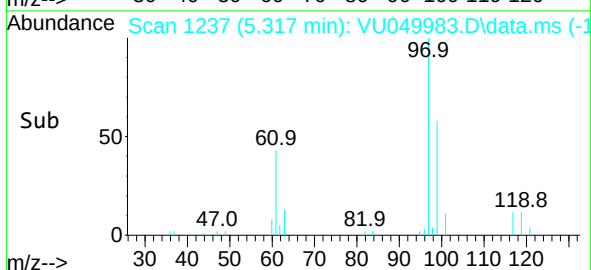
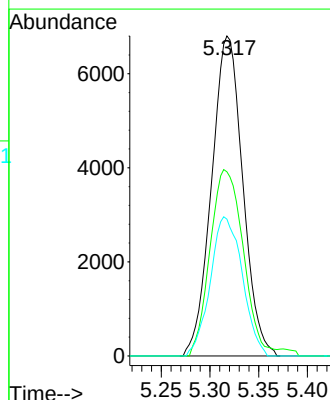
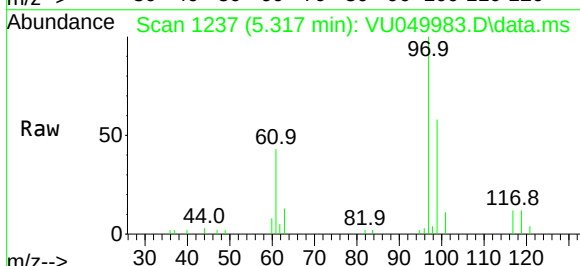
Tgt Ion: 97 Resp: 15138

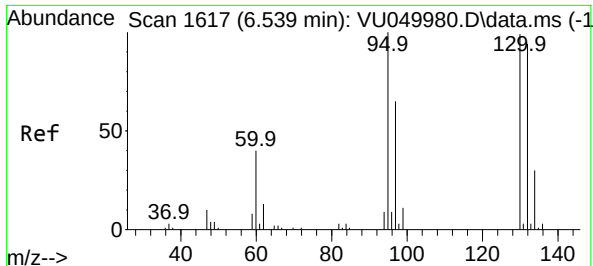
Ion Ratio Lower Upper

97 100

99 62.1 52.0 78.0

61 44.6 35.0 52.6



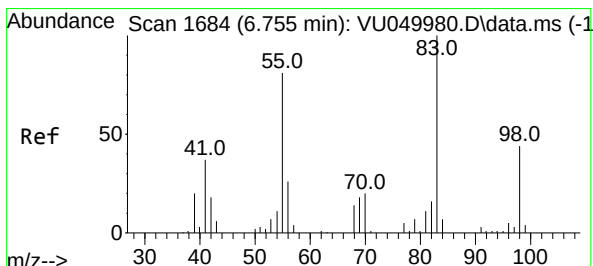
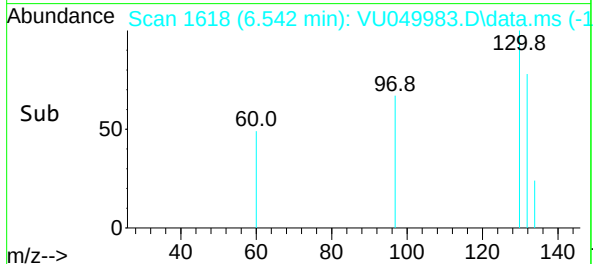
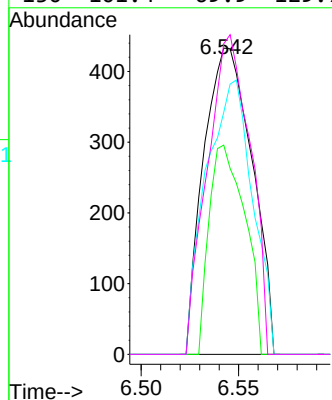
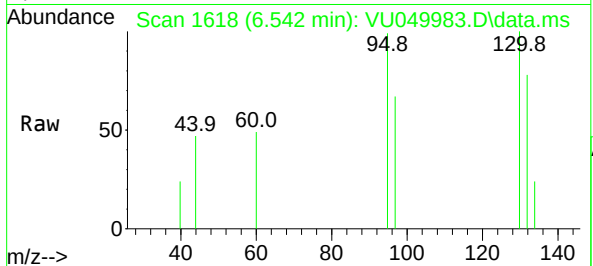


#34
Trichloroethene
Concen: 0.213 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049983.D
Acq: 28 Jul 2022 13:51

Instrument :
MSVOA_U
ClientSampleId :
GBJ27

Tgt Ion: 95 Resp: 748

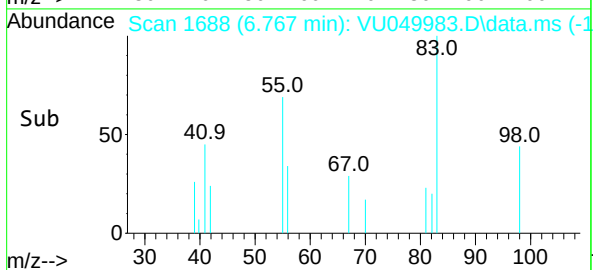
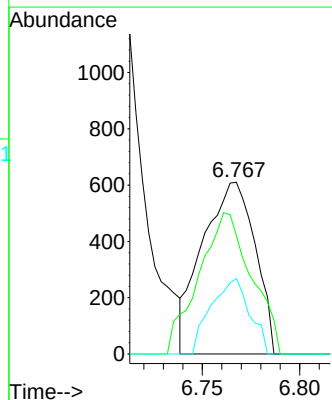
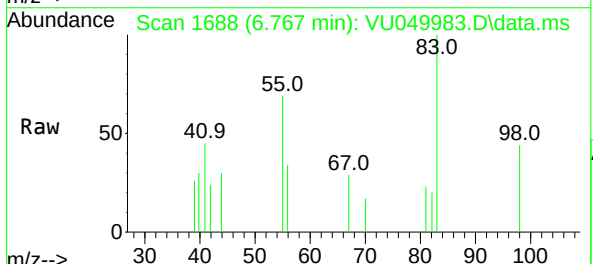
Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.6	84.8
132	79.0	66.8	124.2
130	101.4	69.9	129.7

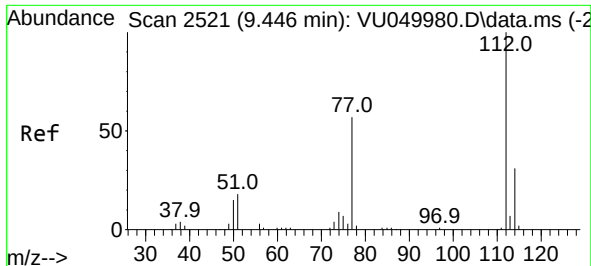


#35
Methylcyclohexane
Concen: 0.247 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.013 min
Lab File: VU049983.D
Acq: 28 Jul 2022 13:51

Tgt Ion: 83 Resp: 1145

Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.6	92.4
98	32.3	34.8	52.2

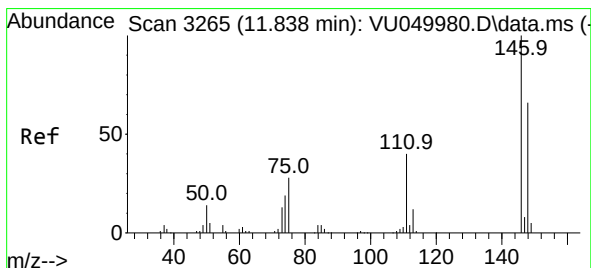
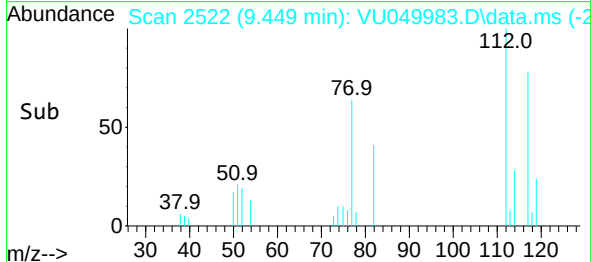
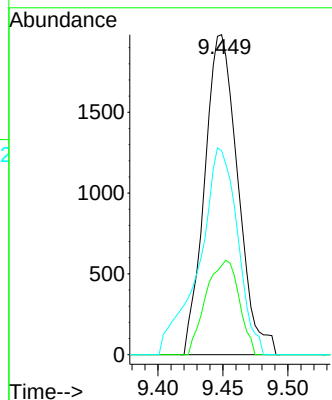
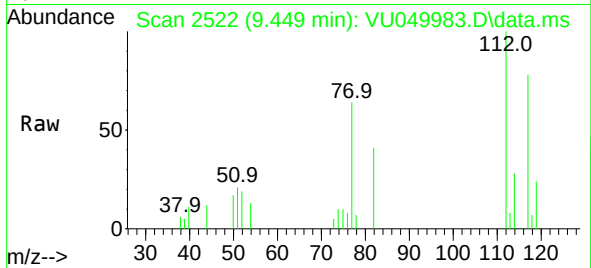




#51
Chlorobenzene
Concen: 0.378 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049983.D
Acq: 28 Jul 2022 13:51

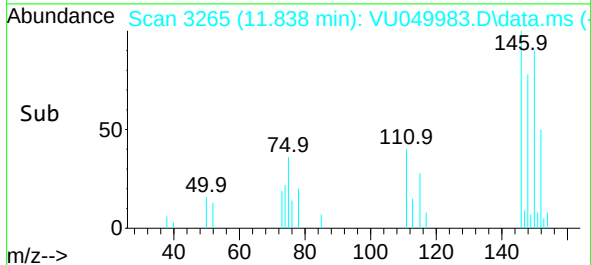
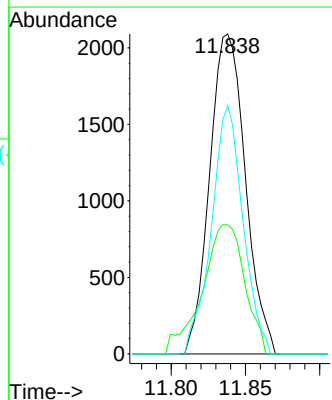
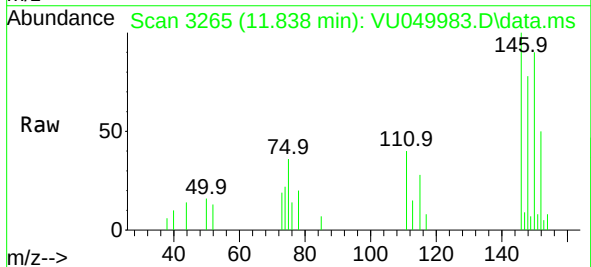
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

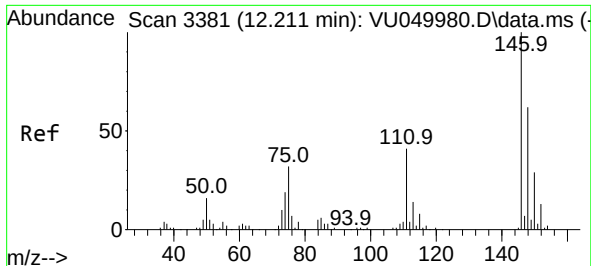
Tgt Ion:112 Resp: 3524
Ion Ratio Lower Upper
112 100
114 27.9 22.4 41.6
77 63.7 48.2 72.4



#65
1,4-Dichlorobenzene
Concen: 0.689 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU049983.D
Acq: 28 Jul 2022 13:51

Tgt Ion:146 Resp: 3502
Ion Ratio Lower Upper
146 100
111 40.4 26.4 49.0
148 77.6 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.156 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049983.D

Acq: 28 Jul 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

GBJ27

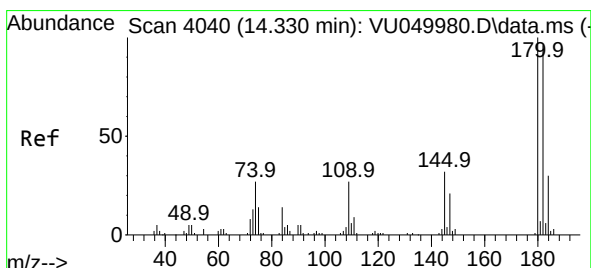
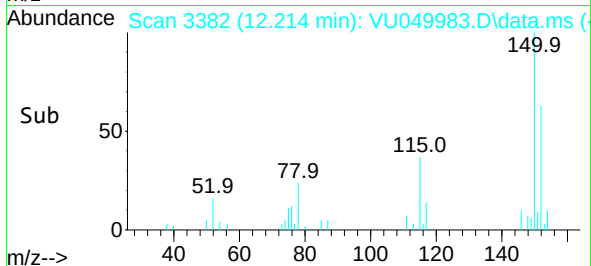
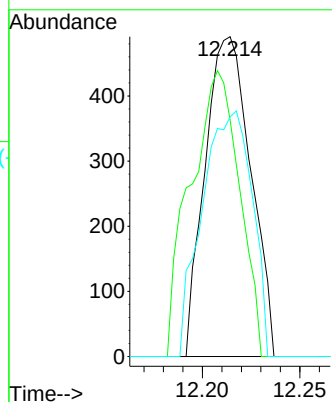
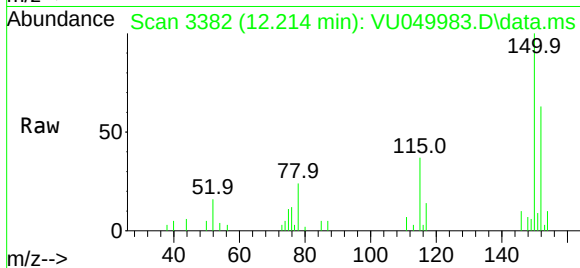
Tgt Ion:146 Resp: 799

Ion Ratio Lower Upper

146 100

111 73.9 33.4 50.2#

148 74.9 51.3 76.9



#72

1,2,3-Trichlorobenzene

Concen: 0.592 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU049983.D

Acq: 28 Jul 2022 13:51

Tgt Ion:180 Resp: 1737

Ion Ratio Lower Upper

180 100

182 90.0 77.0 115.4

145 28.5 26.3 39.5

