

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049111.D
 Acq On : 14 Jun 2022 13:59
 Operator : SY/MD
 Sample : VU0614WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

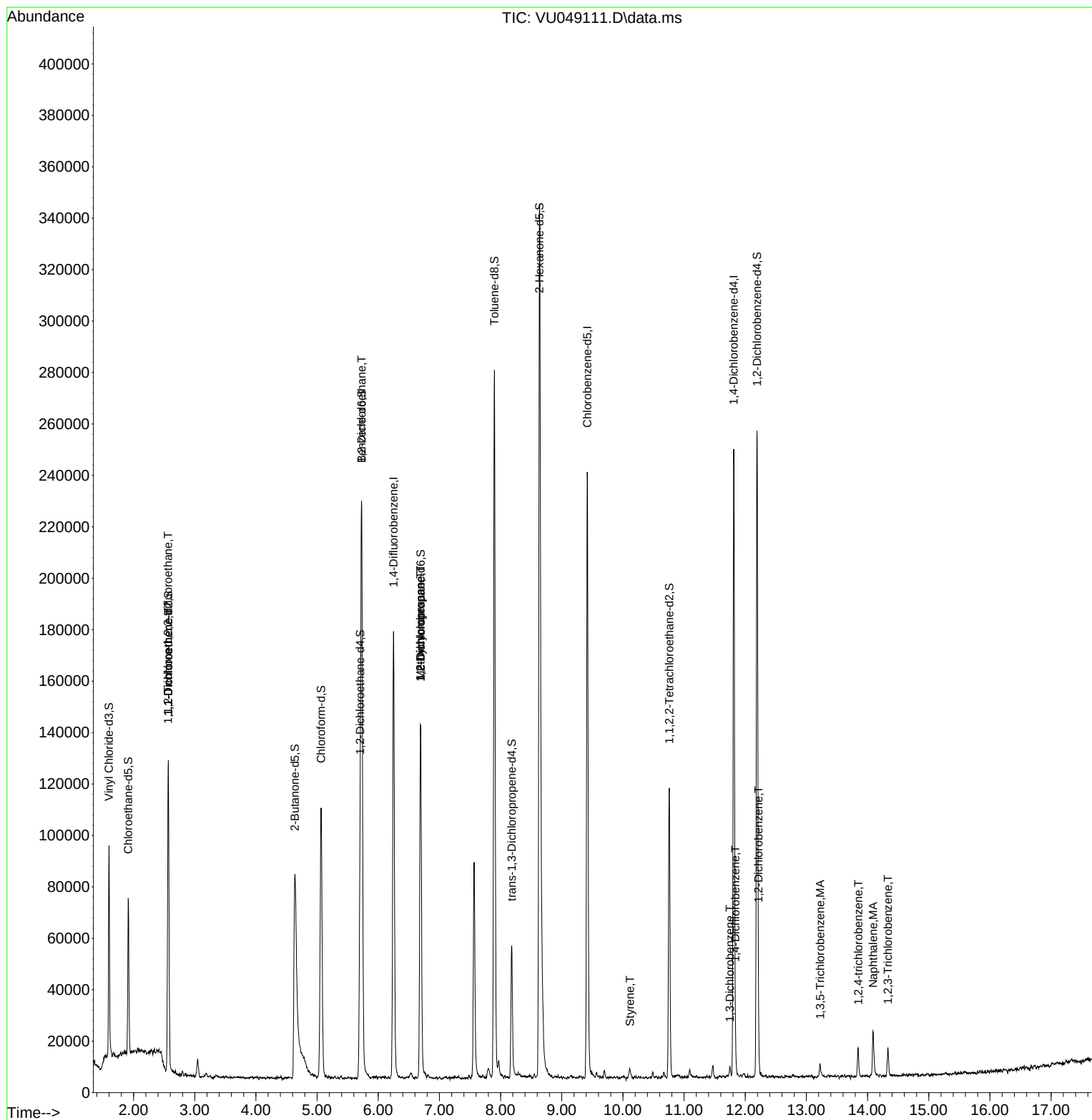
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	136963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58720	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.912	69	42089	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.568	65	23189	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.636	46	169119	52.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.860%
24) Chloroform-d	5.066	84	98865	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.703	65	56959	5.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.729	84	203372	5.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.693	67	69125	5.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.899	98	182744	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.182	79	31266	5.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.635	63	130822	55.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58088	5.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	63235	5.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	506	0.064	ug/L #	23
12) 1,1-Dichloroethene	2.568	96	1195	0.155	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1071	0.096	ug/L #	74
35) Methylcyclohexane	6.690	83	14836	0.897	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	7417	0.700	ug/L #	89
55) Styrene	10.118	104	1198	0.043	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	1543	0.083	ug/L	91
65) 1,4-Dichlorobenzene	11.838	146	2136	0.117	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	1351	0.077	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.224	180	1838	0.132	ug/L	95
70) 1,2,4-trichlorobenzene	13.847	180	3432	0.311	ug/L	94
71) Naphthalene	14.092	128	16179	0.737	ug/L	96
72) 1,2,3-Trichlorobenzene	14.333	180	3514	0.338	ug/L	95

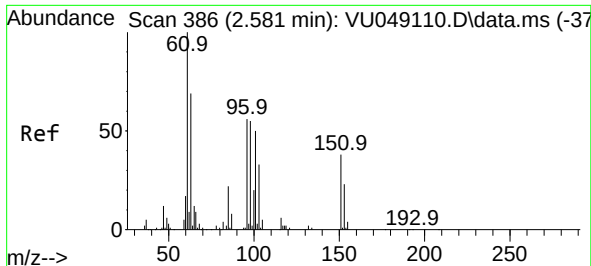
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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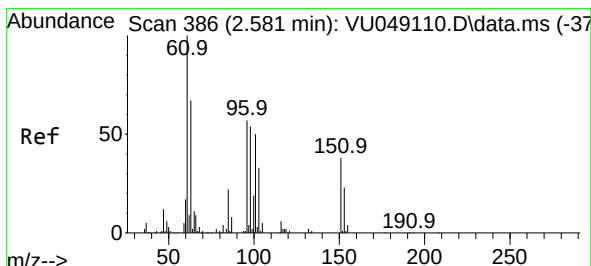
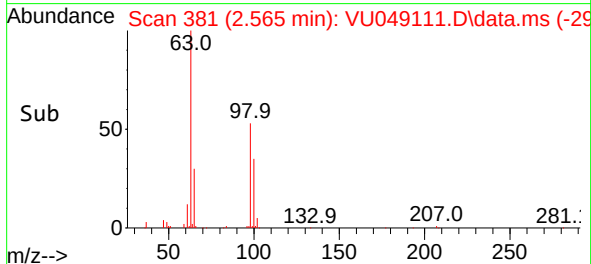
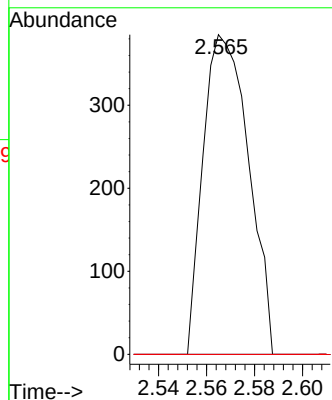
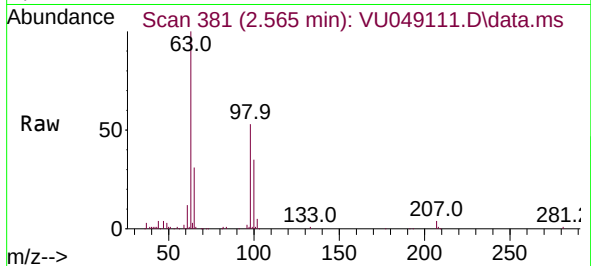




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049111.D
 Acq: 14 Jun 2022 13:59

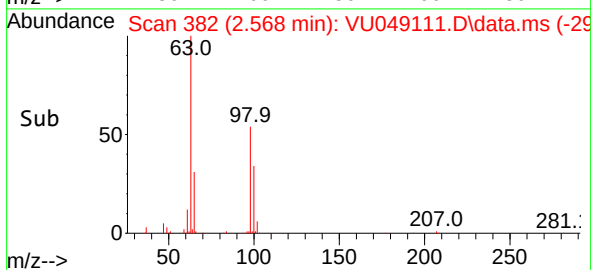
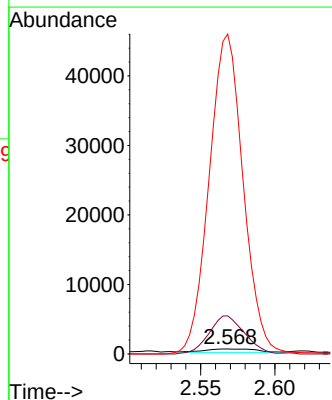
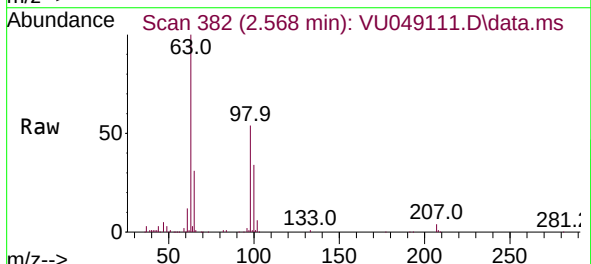
Instrument :
 MSVOA_U
 ClientSampleId :

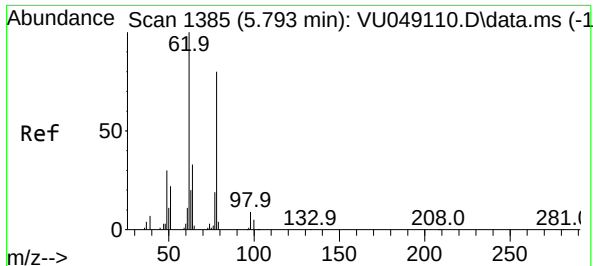
Tgt Ion:101 Resp: 506
 Ion Ratio Lower Upper
 101 100
 85 4.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.155 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049111.D
 Acq: 14 Jun 2022 13:59

Tgt Ion: 96 Resp: 1195
 Ion Ratio Lower Upper
 96 100
 61 774.4 127.2 236.2#
 63 6502.8 94.7 175.9#





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.065 min

Lab File: VU049111.D

Acq: 14 Jun 2022 13:59

Instrument :

MSVOA_U

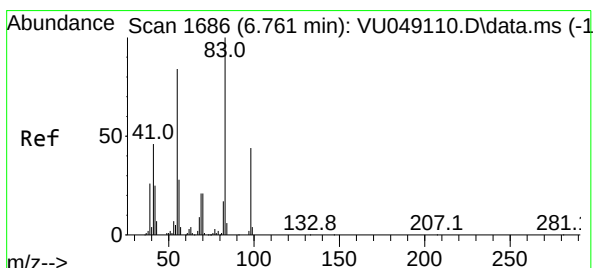
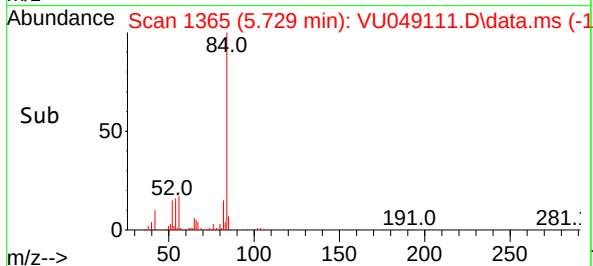
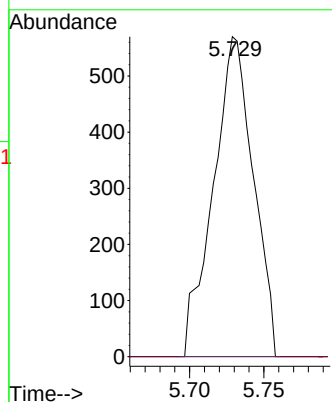
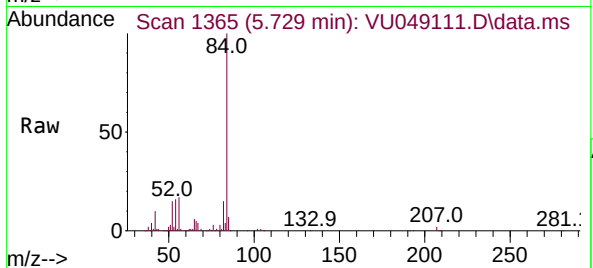
ClientSampleId :

Tgt Ion: 62 Resp: 1071

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049111.D

Acq: 14 Jun 2022 13:59

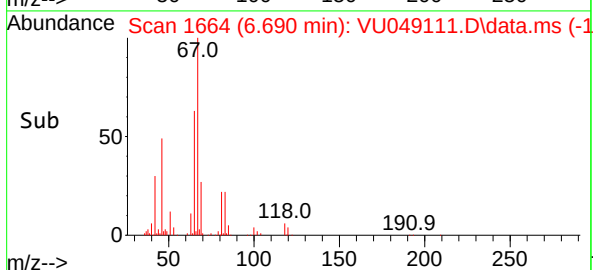
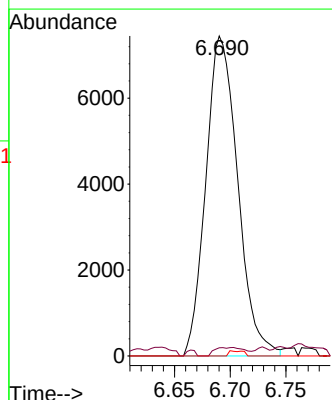
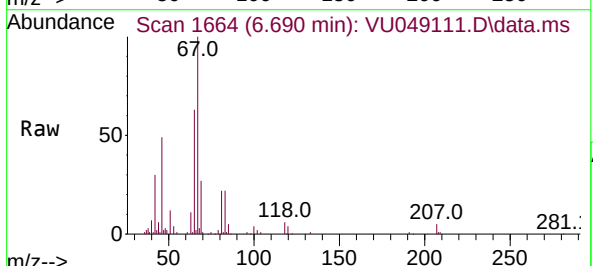
Tgt Ion: 83 Resp: 14836

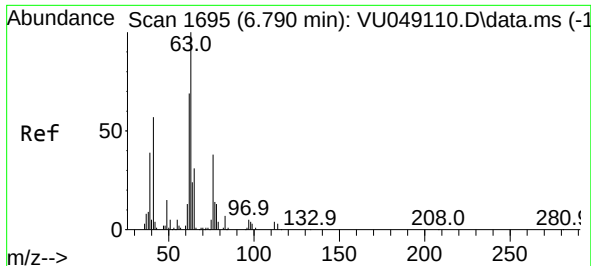
Ion Ratio Lower Upper

83 100

55 1.1 66.9 100.3#

98 0.7 35.5 53.3#

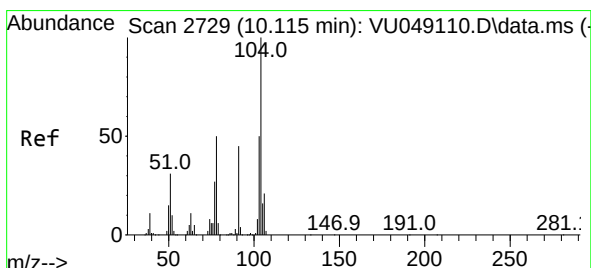
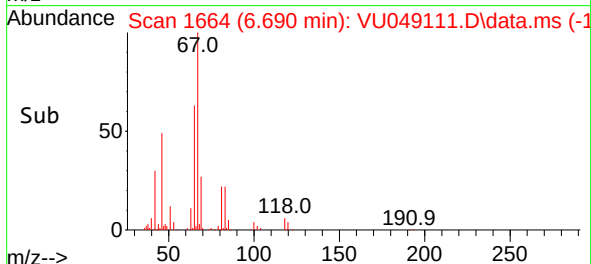
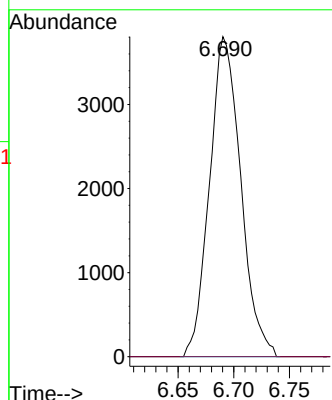
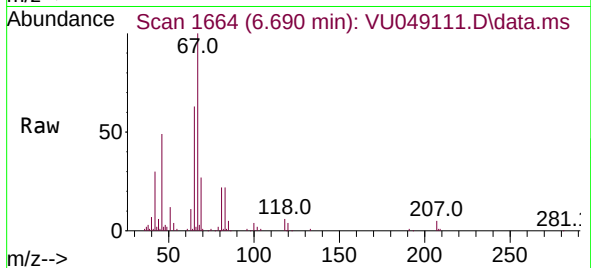




#37
1,2-Dichloropropane
Concen: 0.700 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU049111.D
Acq: 14 Jun 2022 13:59

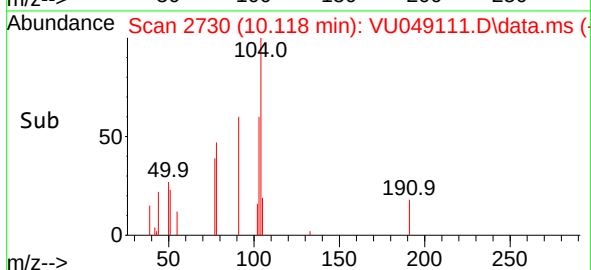
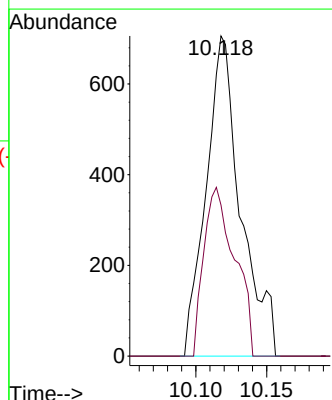
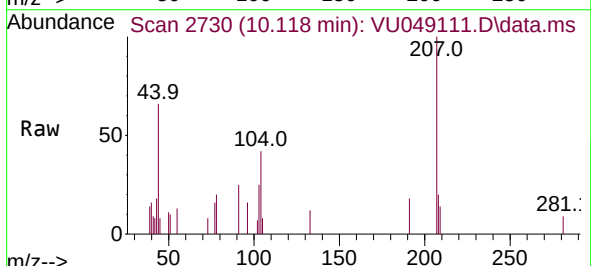
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MSVOA_U
ClientSampleId :

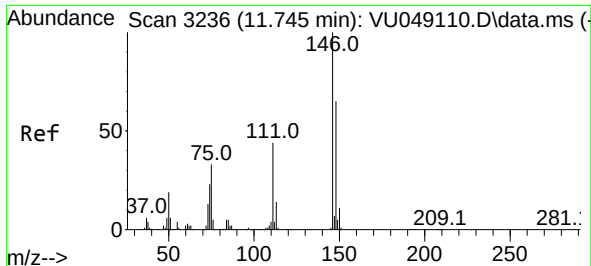
Tgt Ion: 63 Resp: 7417
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#55
Styrene
Concen: 0.043 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049111.D
Acq: 14 Jun 2022 13:59

Tgt Ion:104 Resp: 1198
Ion Ratio Lower Upper
104 100
78 47.2 34.1 63.3

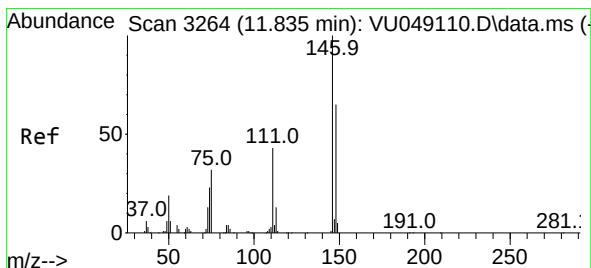
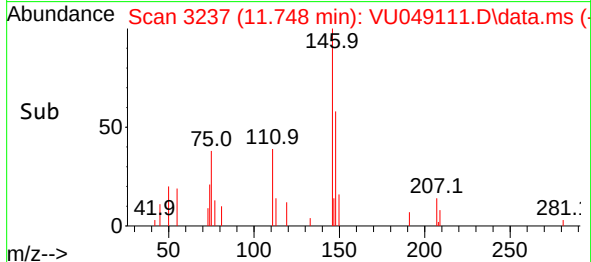
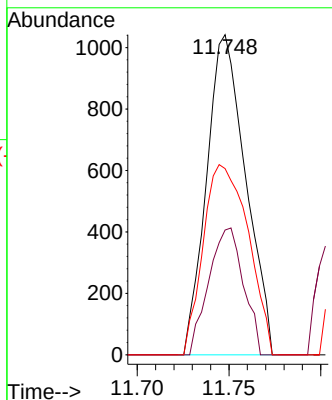
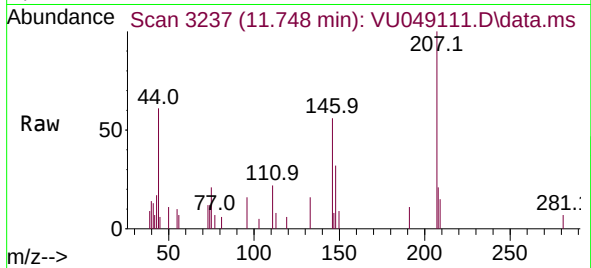




#64
1,3-Dichlorobenzene
Concen: 0.083 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049111.D
Acq: 14 Jun 2022 13:59

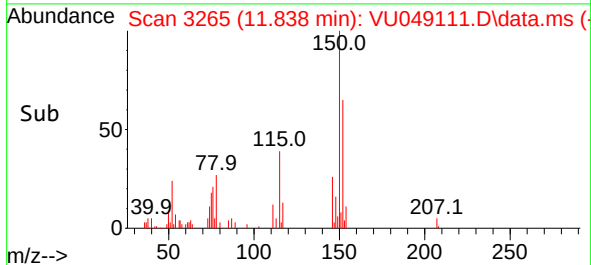
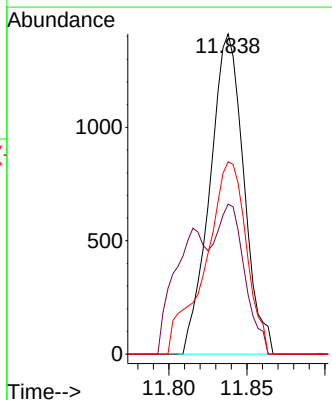
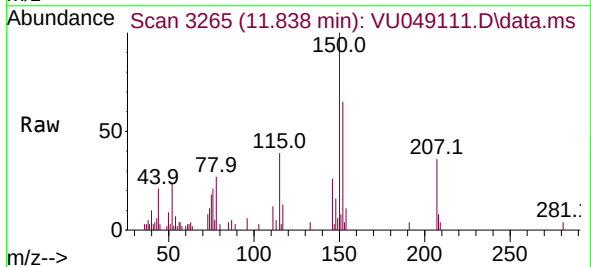
Instrument :
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ClientSampleId :

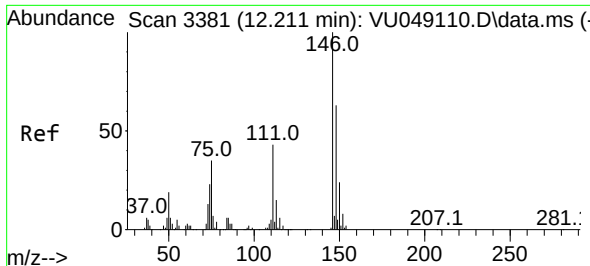
Tgt Ion:146 Resp: 1543
Ion Ratio Lower Upper
146 100
111 39.0 30.9 57.5
148 58.2 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 0.117 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049111.D
Acq: 14 Jun 2022 13:59

Tgt Ion:146 Resp: 2136
Ion Ratio Lower Upper
146 100
111 46.8 29.8 55.4
148 60.1 44.7 83.1

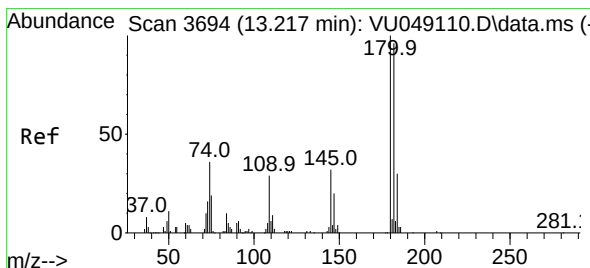
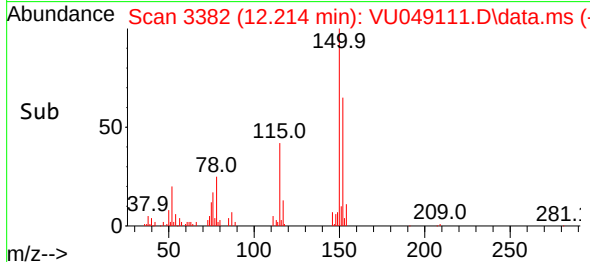
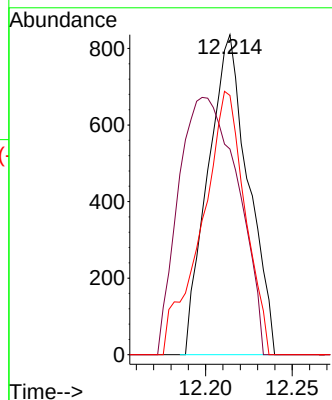
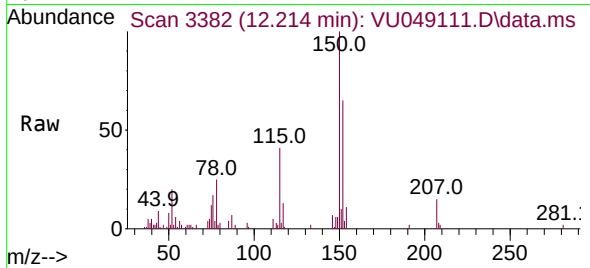




#67
 1,2-Dichlorobenzene
 Concen: 0.077 ug/L
 RT: 12.214 min Scan# 3111
 Delta R.T. 0.003 min
 Lab File: VU049111.D
 Acq: 14 Jun 2022 13:59

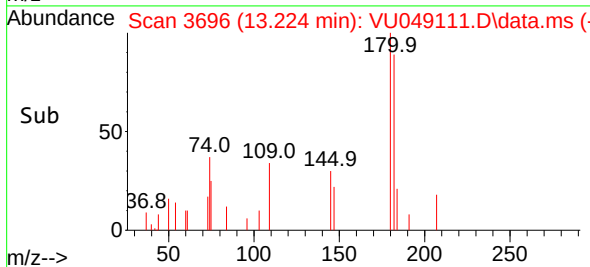
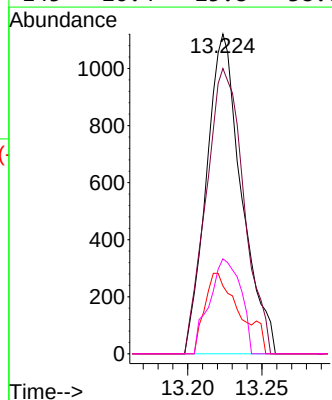
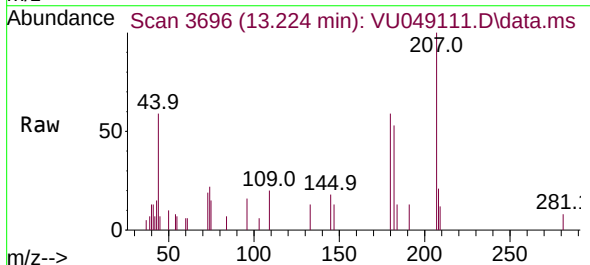
Instrument :
 MSVOA_U
 ClientSampleId :

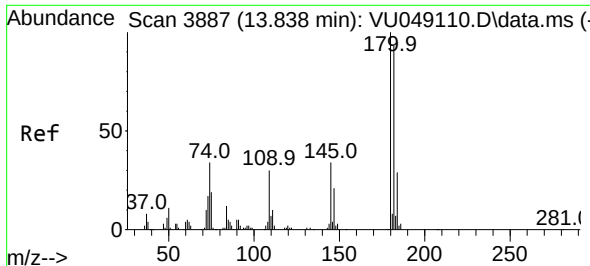
Tgt Ion:146 Resp: 1351
 Ion Ratio Lower Upper
 146 100
 111 64.2 36.6 55.0#
 148 81.0 52.2 78.4#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.132 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.006 min
 Lab File: VU049111.D
 Acq: 14 Jun 2022 13:59

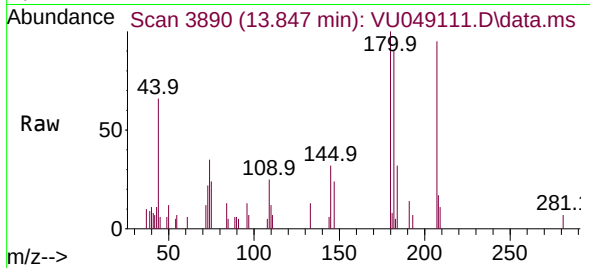
Tgt Ion:180 Resp: 1838
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.0 112.4
 184 25.1 23.2 34.8
 145 26.4 25.8 38.6



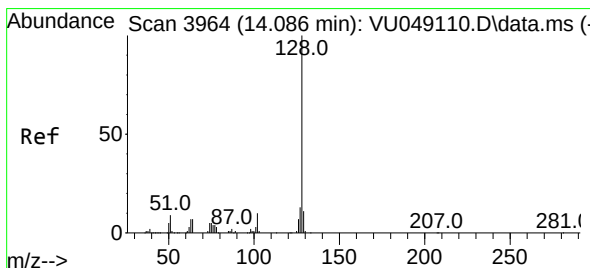
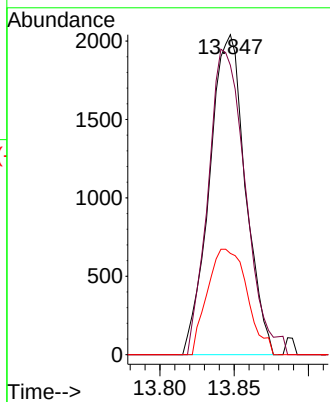
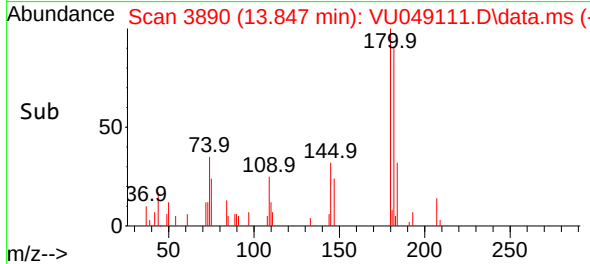


#70
1,2,4-trichlorobenzene
Concen: 0.311 ug/L
RT: 13.847 min Scan# 3887
Delta R.T. 0.009 min
Lab File: VU049111.D
Acq: 14 Jun 2022 13:59

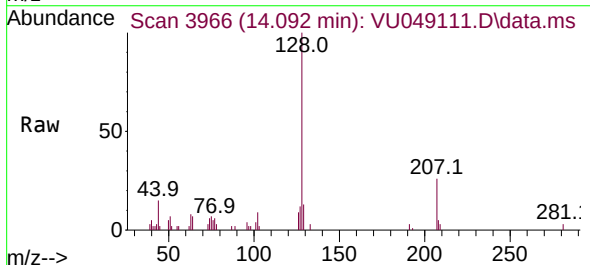
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ClientSampleId :



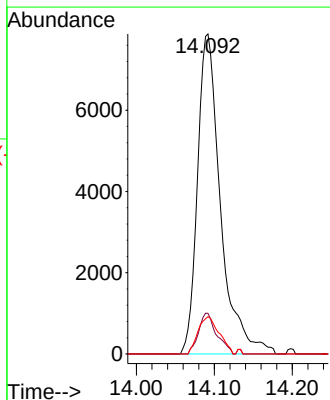
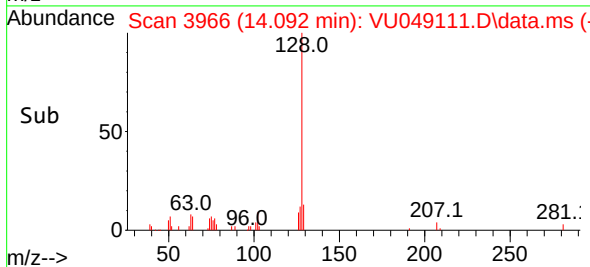
Tgt Ion:180 Resp: 3432
Ion Ratio Lower Upper
180 100
182 99.2 74.6 112.0
145 36.5 26.1 39.1

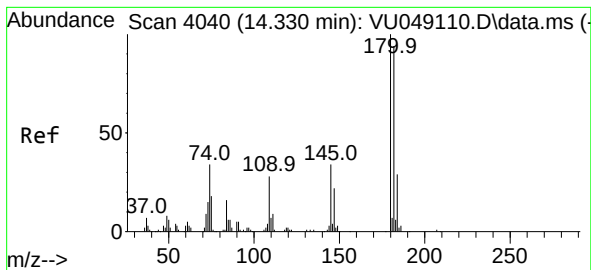


#71
Naphthalene
Concen: 0.737 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049111.D
Acq: 14 Jun 2022 13:59



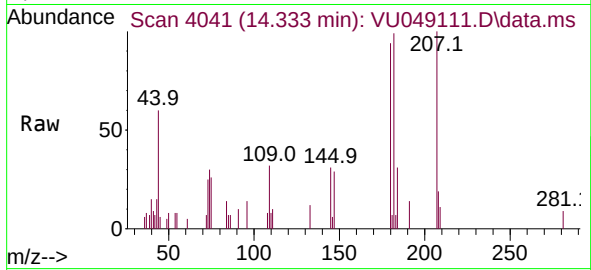
Tgt Ion:128 Resp: 16179
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.6
127 10.6 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.338 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU049111.D
 Acq: 14 Jun 2022 13:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3514
Ion	Ratio	Lower	Upper
180	100		
182	89.0	75.6	113.4
145	33.9	27.9	41.9

