

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050181.D
 Acq On : 09 Aug 2022 14:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:48:06 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)

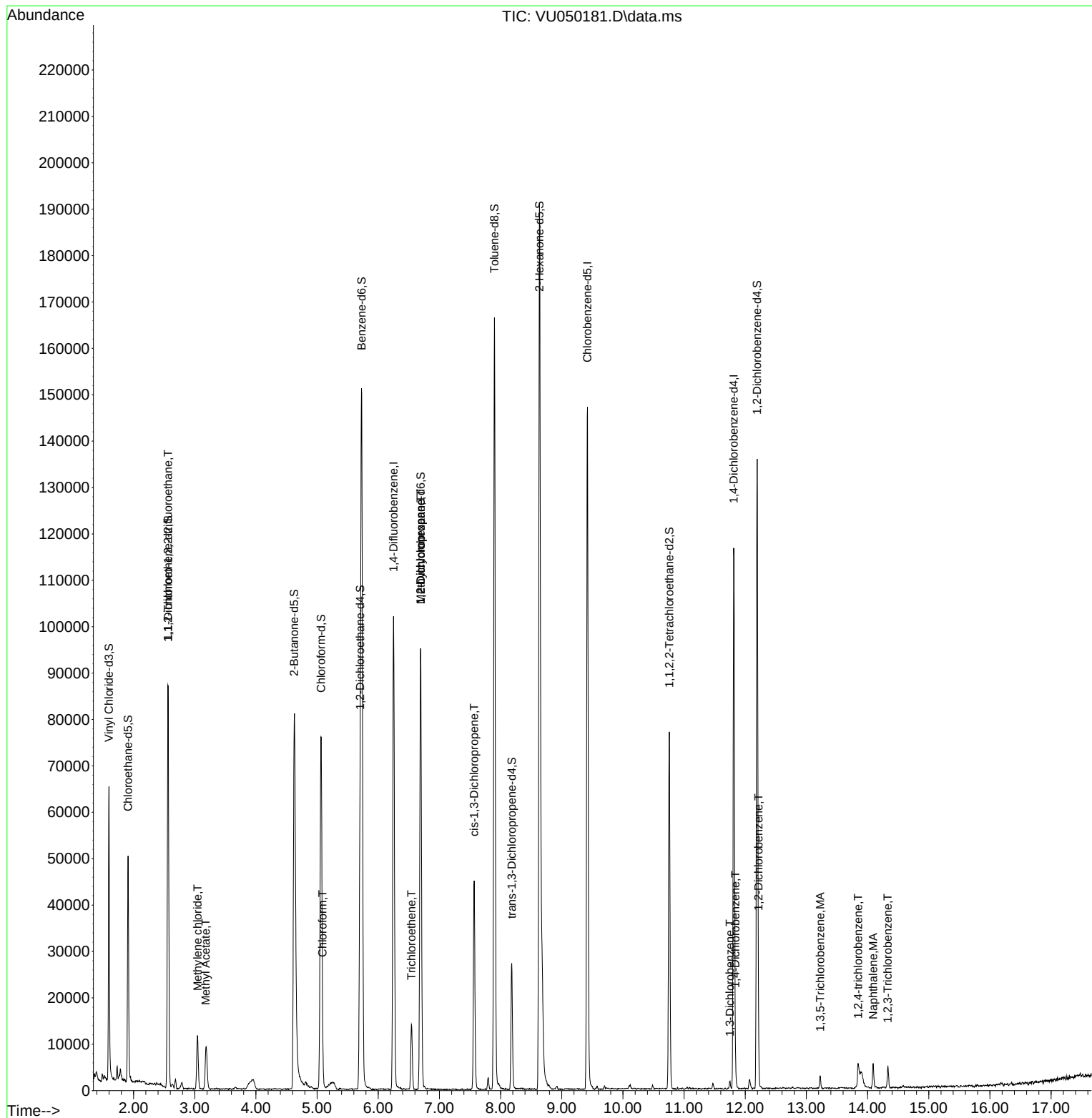
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84519	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	85643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45208	6.427	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 128.600%		
7) Chloroethane-d5	1.909	69	35251	6.212	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 124.200%		
11) 1,1-Dichloroethene-d2	2.562	65	16460	5.988	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 119.800%		
20) 2-Butanone-d5	4.626	46	100419	58.545	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.100%		
24) Chloroform-d	5.067	84	72539	5.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.800%		
26) 1,2-Dichloroethane-d4	5.703	65	37647	5.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
32) Benzene-d6	5.729	84	144188	5.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
36) 1,2-Dichloropropane-d6	6.694	67	48134	5.469	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.400%		
41) Toluene-d8	7.899	98	115774	4.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	8.182	79	16275	5.160	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.200%		
46) 2-Hexanone-d5	8.636	63	61944	55.386	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.780%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39257	5.079	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	36992	5.868	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.400%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	435	0.079	ug/L #	22
15) Methyl Acetate	3.179	43	718	0.275	ug/L #	46
16) Methylene chloride	3.044	84	5703	0.639	ug/L	98
25) Chloroform	5.089	83	563	0.043	ug/L #	70
34) Trichloroethene	6.542	95	5004	0.690	ug/L	94
35) Methylcyclohexane	6.694	83	10734	1.146	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5113	0.640	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1040	0.100	ug/L #	57
64) 1,3-Dichlorobenzene	11.751	146	1059	0.098	ug/L #	75
65) 1,4-Dichlorobenzene	11.838	146	1168	0.111	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	1009	0.096	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.224	180	1070	0.139	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	1595	0.273	ug/L	93
71) Naphthalene	14.092	128	5486	0.458	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.330	180	1915	0.323	ug/L	95

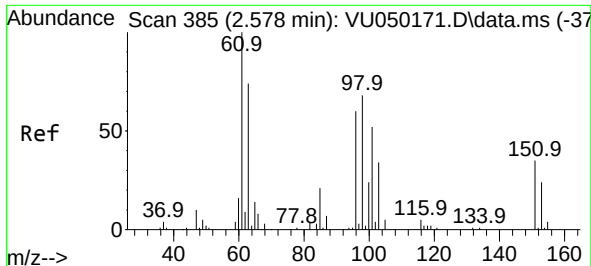
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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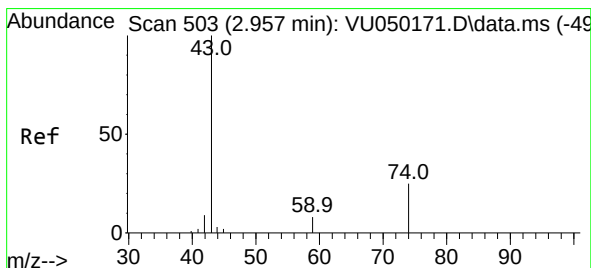
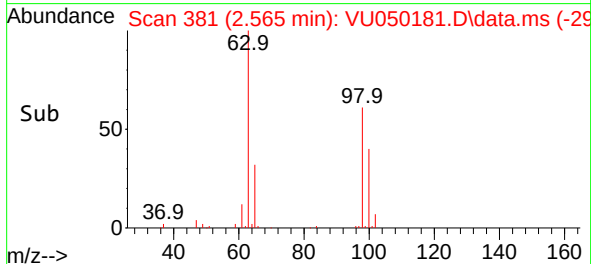
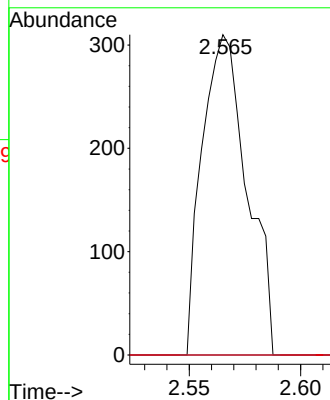
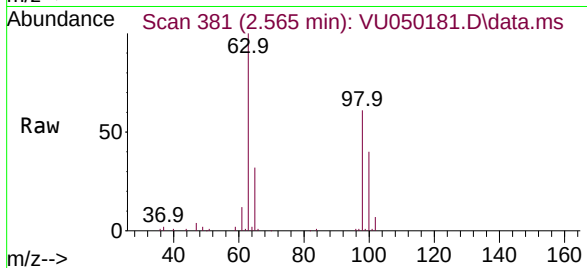




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.079 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU050181.D
 Acq: 09 Aug 2022 14:06

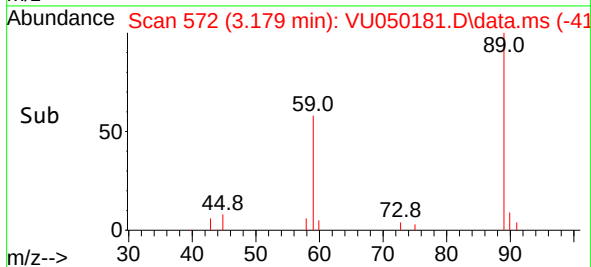
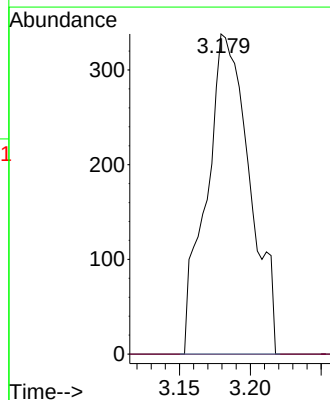
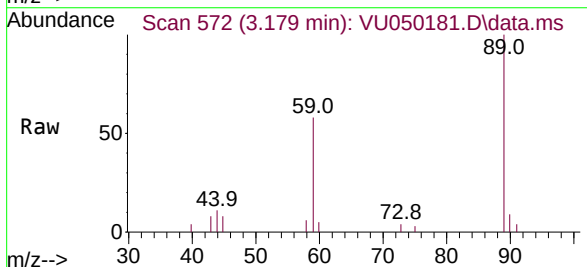
Instrument :
 MSVOA_U
 ClientSampleId :

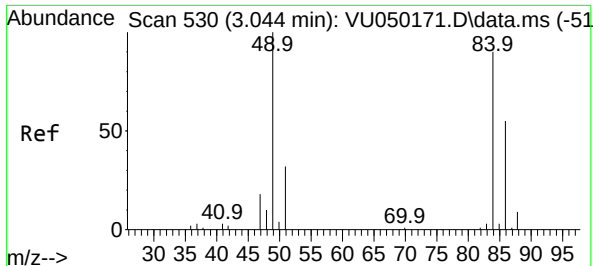
Tgt Ion:101 Resp: 435
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#15
 Methyl Acetate
 Concen: 0.275 ug/L
 RT: 3.179 min Scan# 572
 Delta R.T. 0.222 min
 Lab File: VU050181.D
 Acq: 09 Aug 2022 14:06

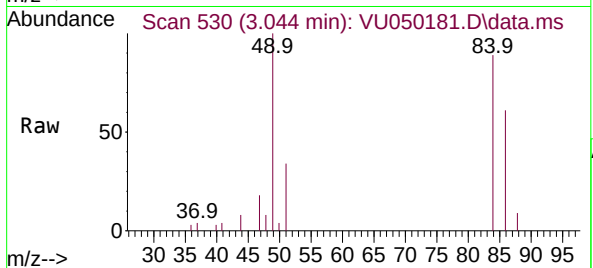
Tgt Ion: 43 Resp: 718
 Ion Ratio Lower Upper
 43 100
 74 0.0 22.7 34.1#



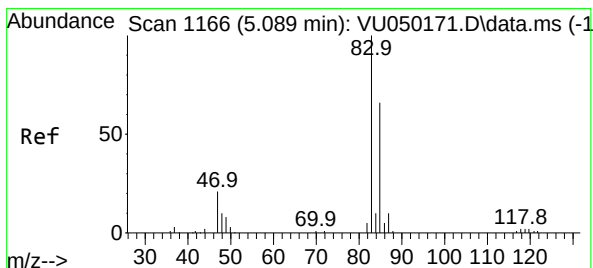
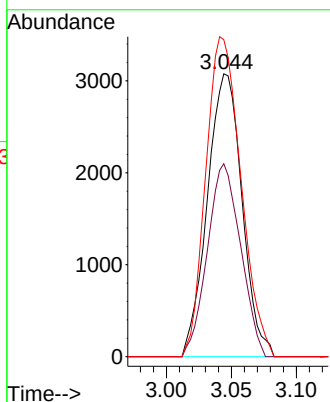
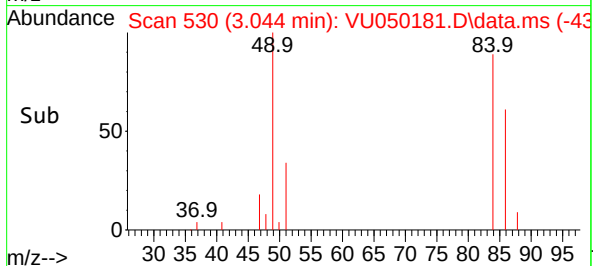


#16
Methylene chloride
Concen: 0.639 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

Instrument :
MSVOA_U
ClientSampleId :

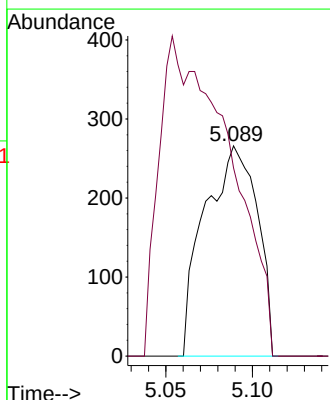
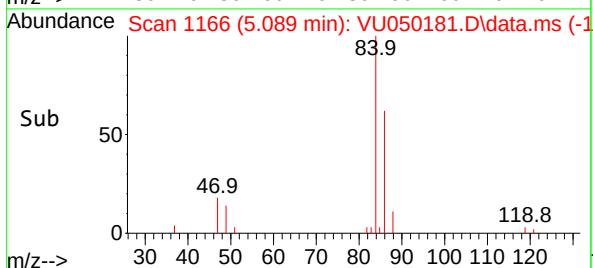
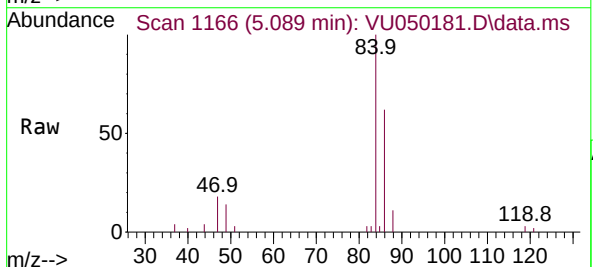


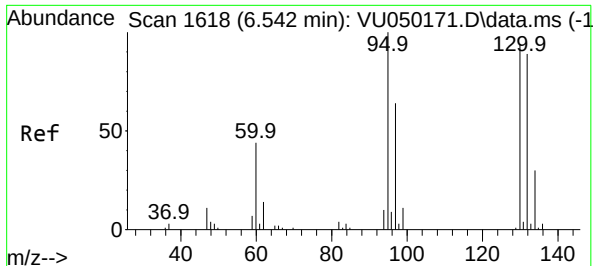
Tgt Ion: 84 Resp: 5703
Ion Ratio Lower Upper
84 100
86 68.2 45.9 85.3
49 112.0 77.6 144.0



#25
Chloroform
Concen: 0.043 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

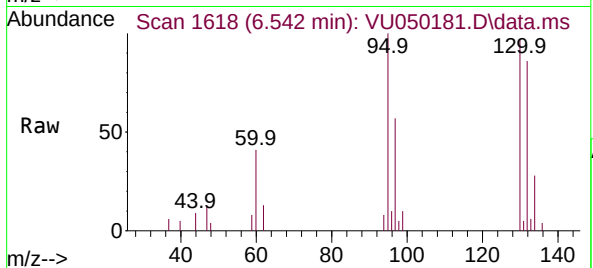
Tgt Ion: 83 Resp: 563
Ion Ratio Lower Upper
83 100
85 89.5 46.1 85.5#





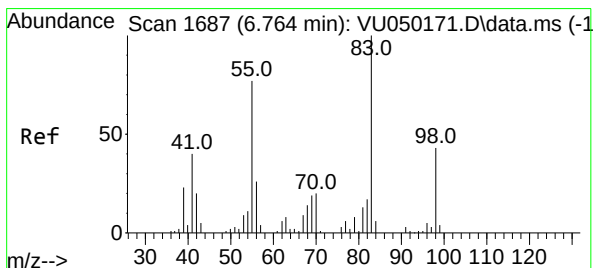
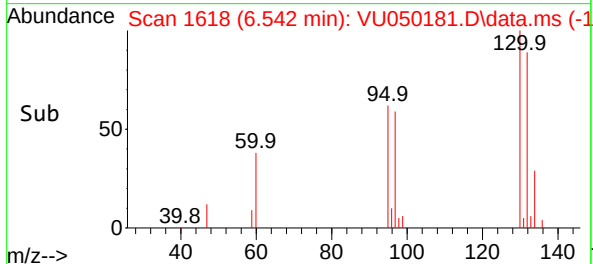
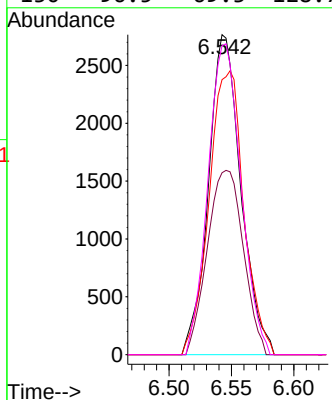
#34
Trichloroethene
Concen: 0.690 ug/L
RT: 6.542 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 5004

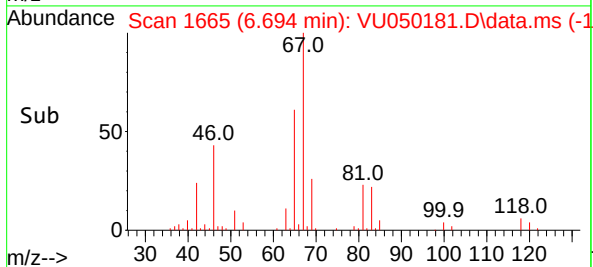
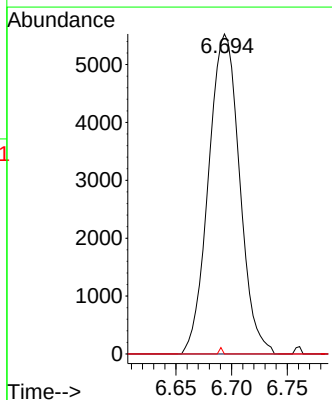
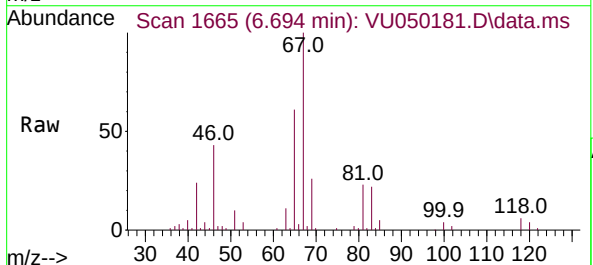
Ion	Ratio	Lower	Upper
95	100		
97	56.9	45.6	84.8
132	86.0	65.0	120.6
130	96.5	69.3	128.7

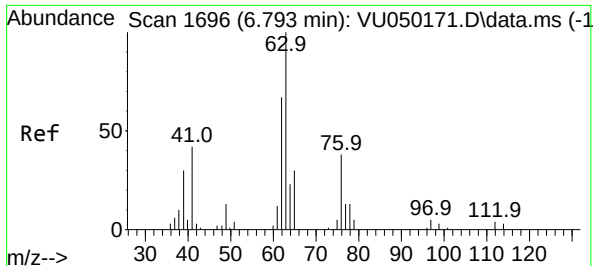


#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

Tgt Ion: 83 Resp: 10734

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.2	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050181.D

Acq: 09 Aug 2022 14:06

Instrument :

MSVOA_U

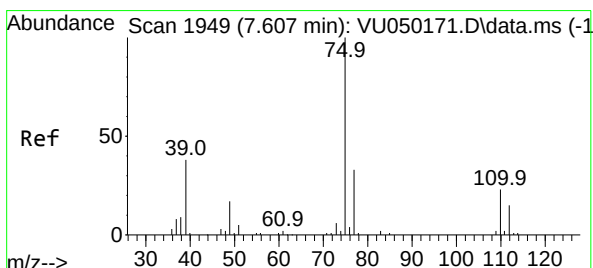
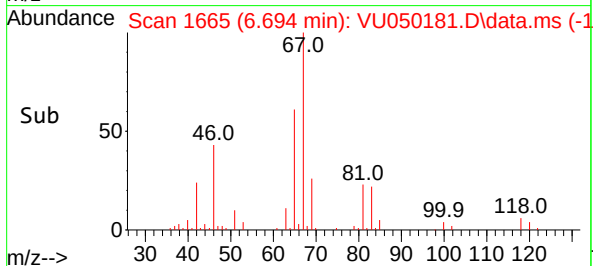
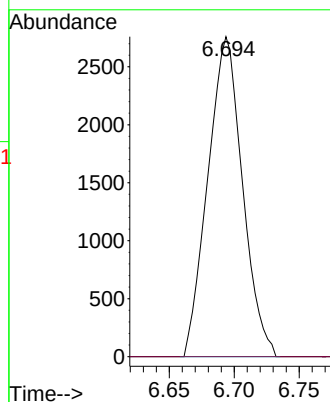
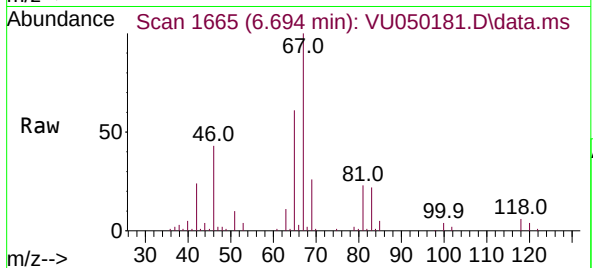
ClientSampleId :

Tgt Ion: 63 Resp: 5113

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU050181.D

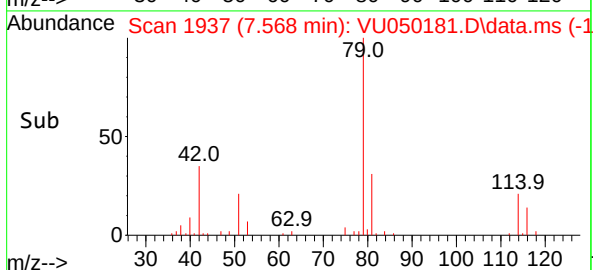
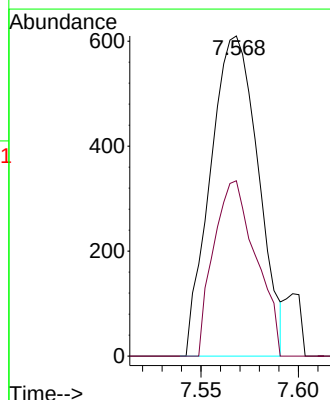
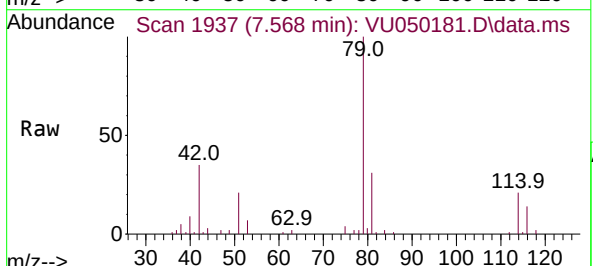
Acq: 09 Aug 2022 14:06

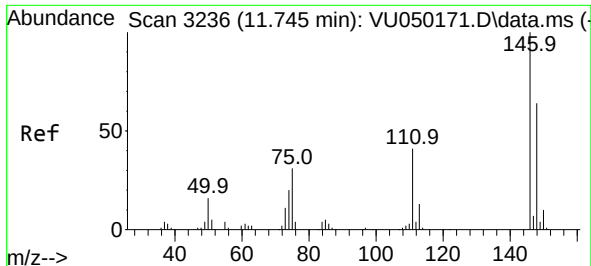
Tgt Ion: 75 Resp: 1040

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.4#

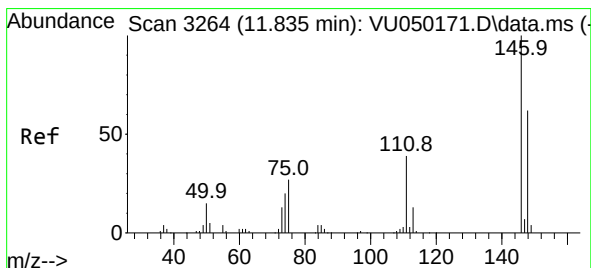
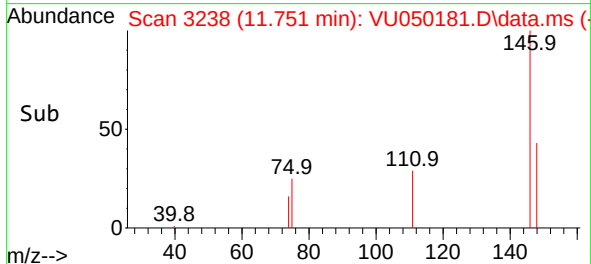
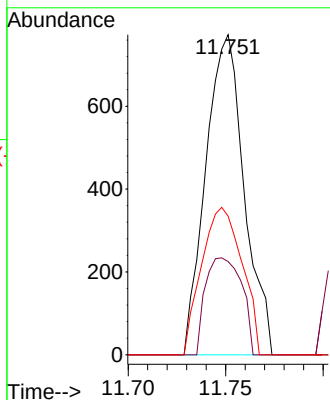
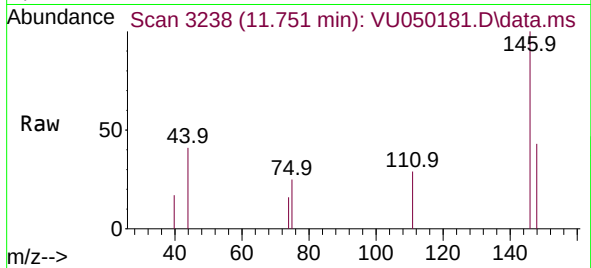




#64
1,3-Dichlorobenzene
Concen: 0.098 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

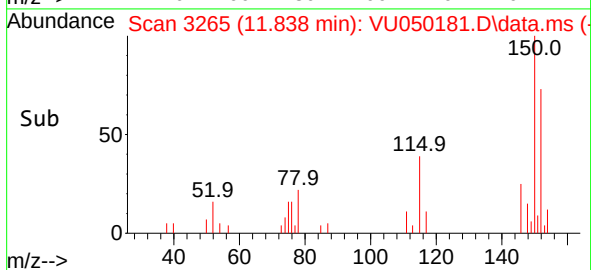
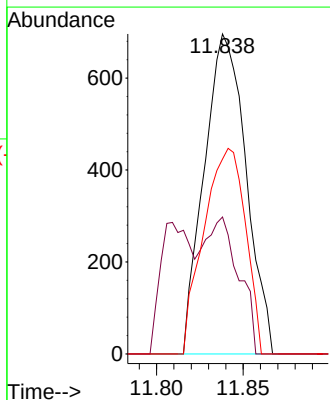
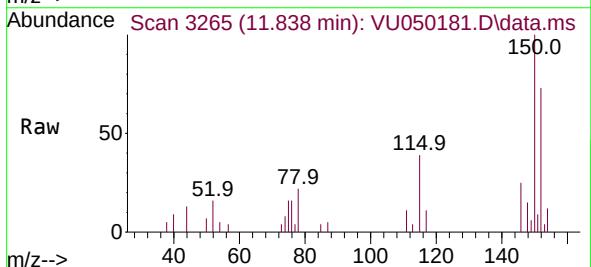
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ClientSampleId :

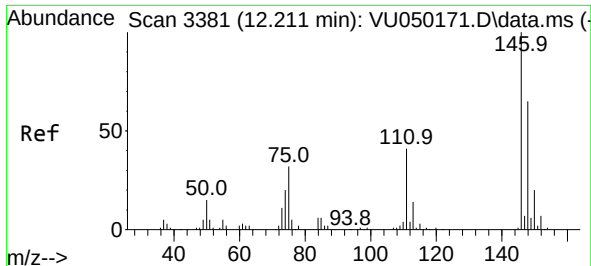
Tgt Ion:146 Resp: 1059
Ion Ratio Lower Upper
146 100
111 29.1 29.9 55.5#
148 43.3 45.8 85.2#



#65
1,4-Dichlorobenzene
Concen: 0.111 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

Tgt Ion:146 Resp: 1168
Ion Ratio Lower Upper
146 100
111 42.8 28.1 52.1
148 60.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.096 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

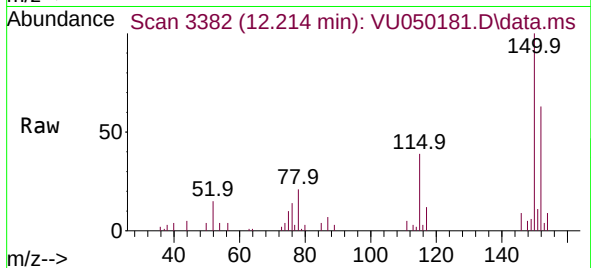
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Acq: 09 Aug 2022 14:06

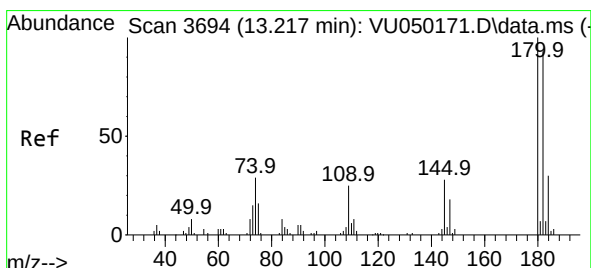
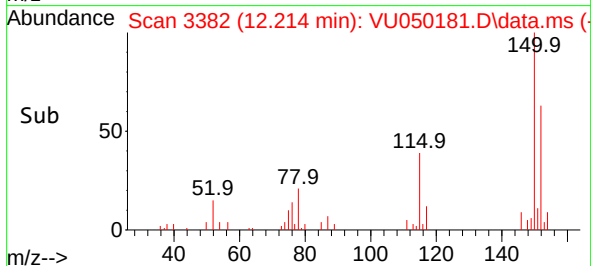
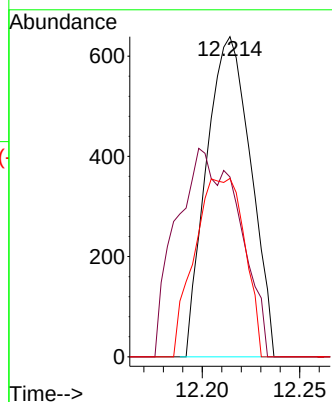
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146	Resp:	1009
Ion	Ratio	Lower Upper
146	100	
111	56.2	32.9 49.3#
148	55.7	50.4 75.6



#69

1,3,5-Trichlorobenzene

Concen: 0.139 ug/L

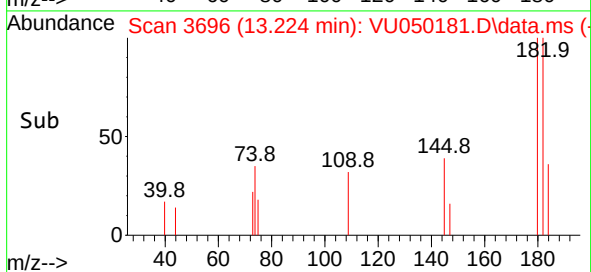
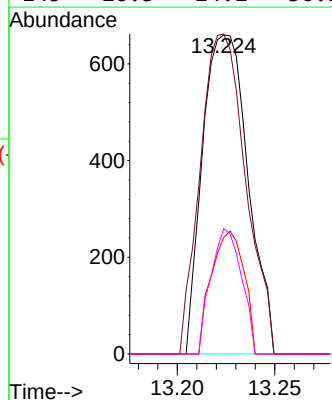
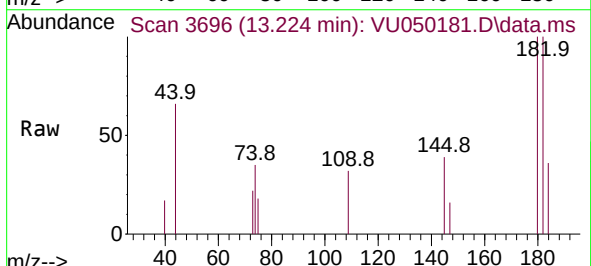
RT: 13.224 min Scan# 3696

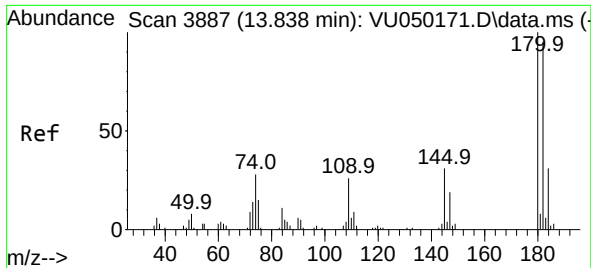
Delta R.T. 0.003 min

Lab File: VU050181.D

Acq: 09 Aug 2022 14:06

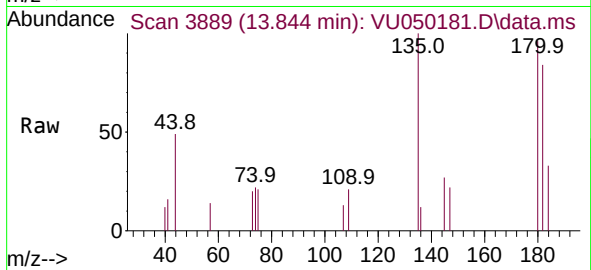
Tgt Ion:180	Resp:	1070
Ion	Ratio	Lower Upper
180	100	
182	100.2	77.3 115.9
184	27.6	24.1 36.1
145	26.3	24.2 36.2



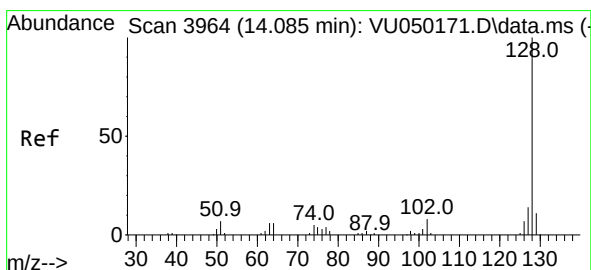
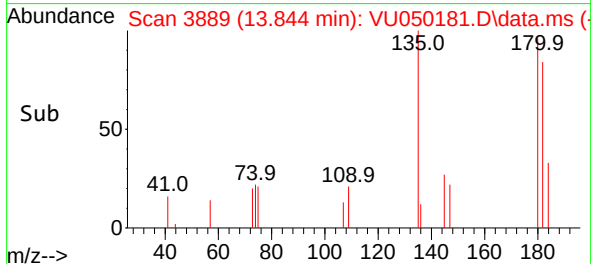
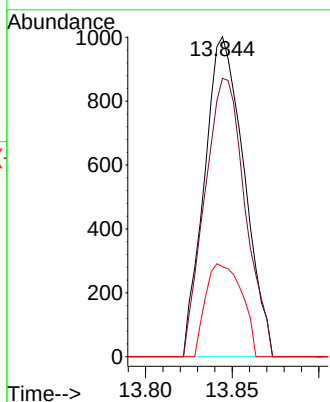


#70
1,2,4-trichlorobenzene
Concen: 0.273 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

Instrument :
MSVOA_U
ClientSampleId :

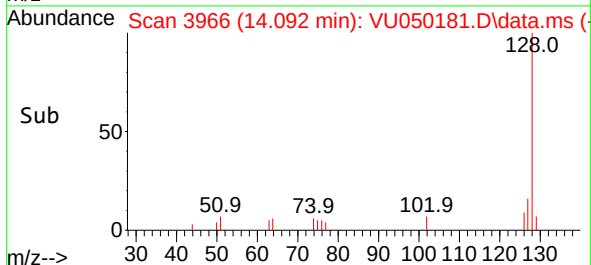
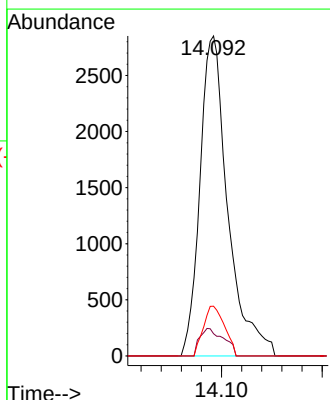
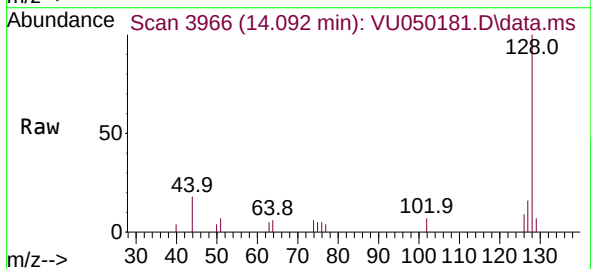


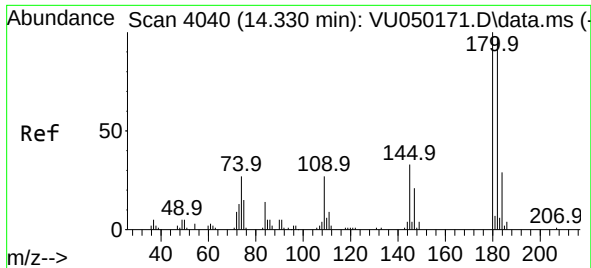
Tgt Ion:180 Resp: 1595
Ion Ratio Lower Upper
180 100
182 88.7 76.9 115.3
145 26.5 24.2 36.4



#71
Naphthalene
Concen: 0.458 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050181.D
Acq: 09 Aug 2022 14:06

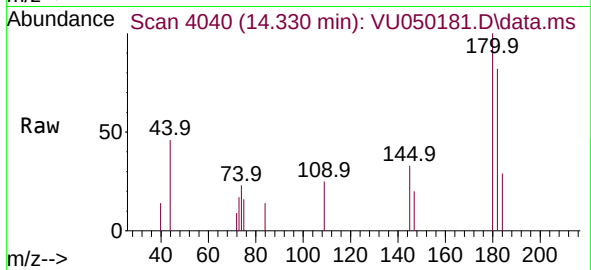
Tgt Ion:128 Resp: 5486
Ion Ratio Lower Upper
128 100
129 7.3 8.6 12.8#
127 11.8 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.323 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU050181.D
 Acq: 09 Aug 2022 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1915
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.5	116.3
145	26.6	25.8	38.6

