

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047536.D
 Acq On : 14 Mar 2022 15:19
 Operator : SY/MD
 Sample : VIBLK014
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK014

Quant Time: Mar 15 05:40:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:33:43 2022
 Response via : Initial Calibration

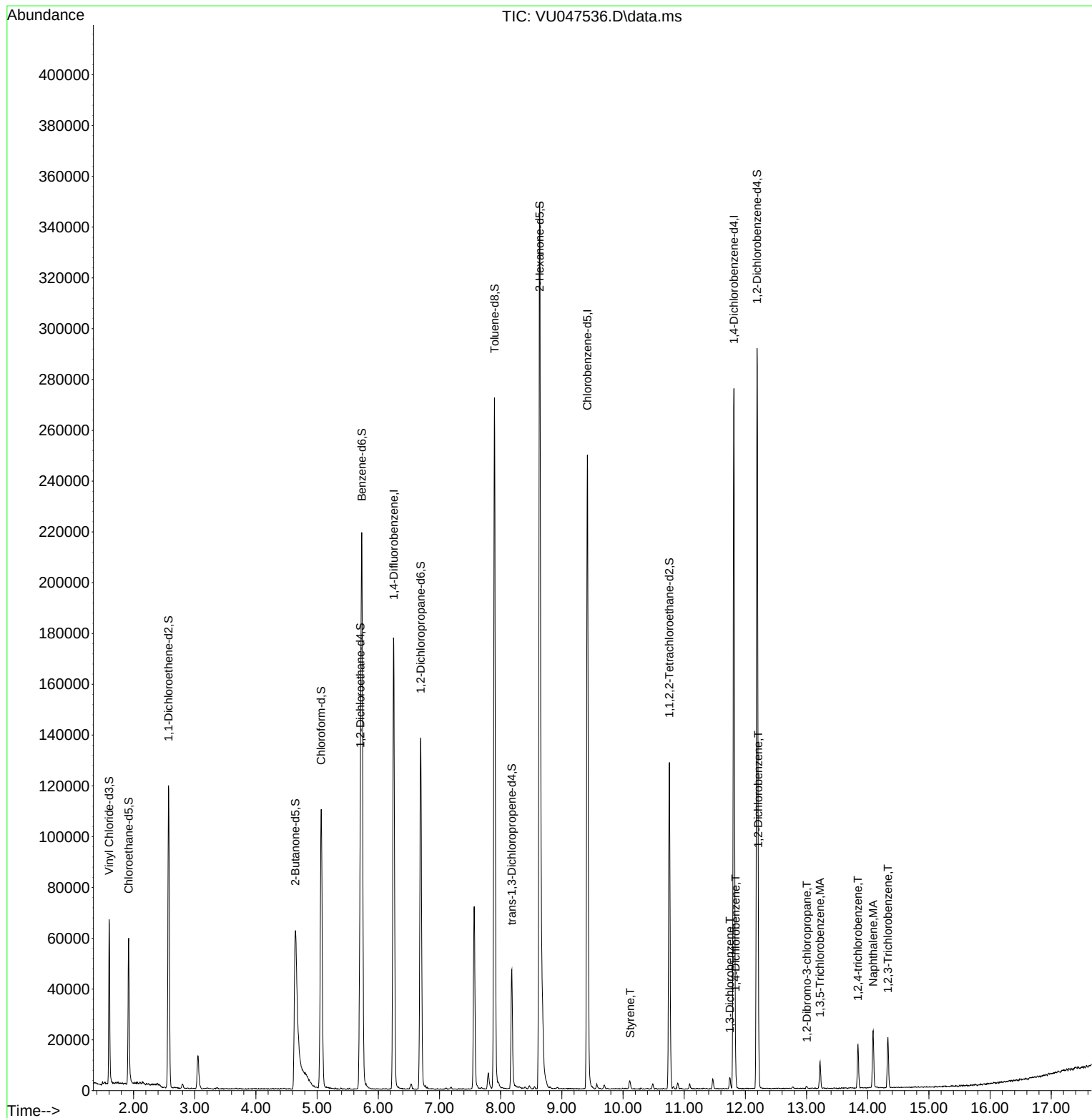
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	151364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47233	4.772	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.919	69	44286	4.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.572	65	21784	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.646	46	146539	51.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	5.067	84	103580	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.707	65	57683	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	209402	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.694	67	67311	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	188988	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	27277	4.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.636	63	147169	50.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63718	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	82407	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
55) Styrene	10.118	104	1299	0.052	ug/L	90
64) 1,3-Dichlorobenzene	11.745	146	2492	0.129	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	2796	0.142	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	2605	0.137	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	13.005	75	326	0.212	ug/L #	57
69) 1,3,5-Trichlorobenzene	13.221	180	3980	0.244	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	6003	0.418	ug/L	98
71) Naphthalene	14.089	128	19682	0.739	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	6964	0.506	ug/L	99

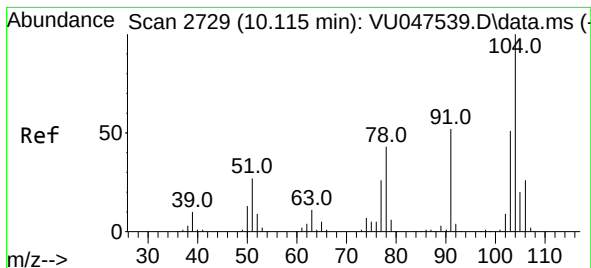
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#55

Styrene

Concen: 0.052 ug/L

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047536.D

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Instrument :

MSVOA_U

ClientSampleId :

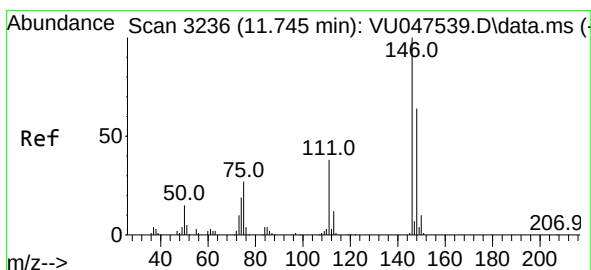
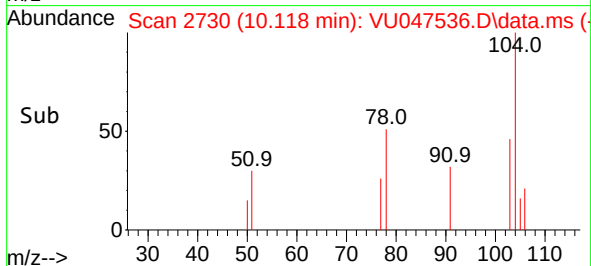
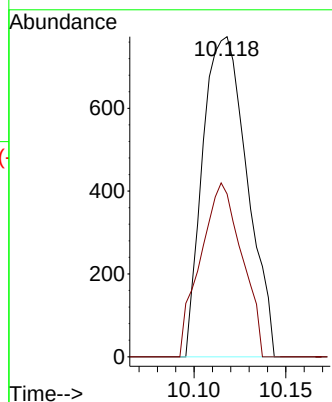
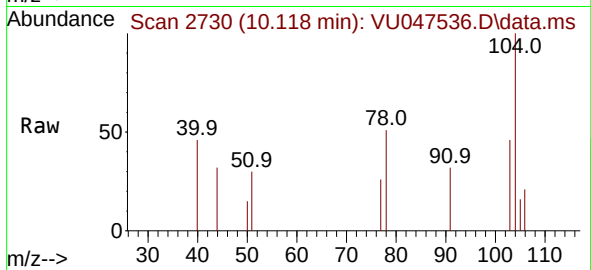
VIBLK014

Tgt Ion:104 Resp: 1299

Ion Ratio Lower Upper

104 100

78 50.8 31.0 57.6



#64

1,3-Dichlorobenzene

Concen: 0.129 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU047536.D

Acq: 14 Mar 2022 15:19

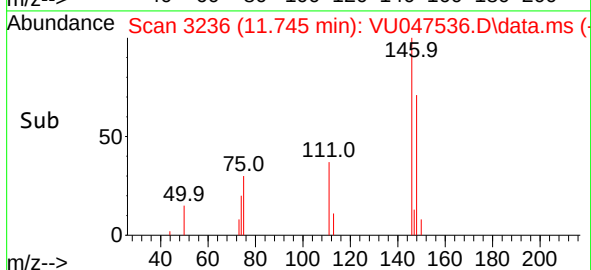
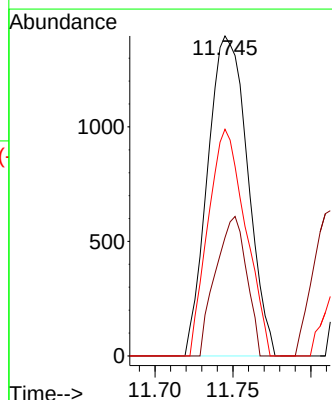
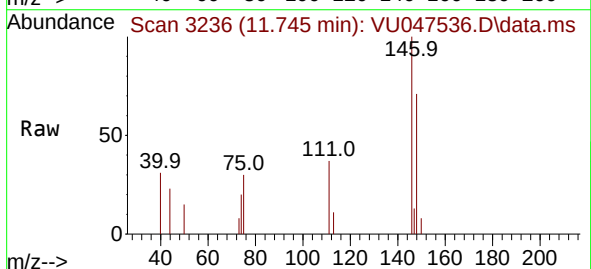
Tgt Ion:146 Resp: 2492

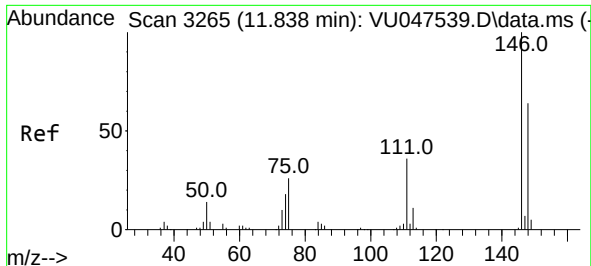
Ion Ratio Lower Upper

146 100

111 37.0 27.7 51.5

148 70.9 46.5 86.5

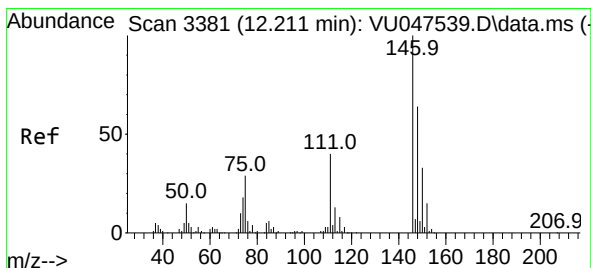
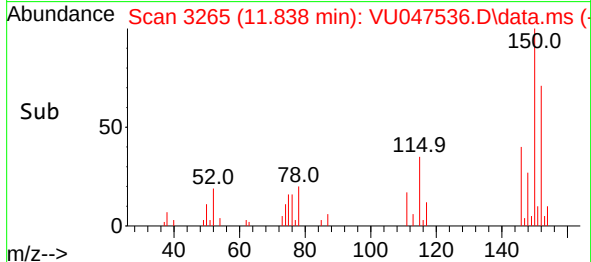
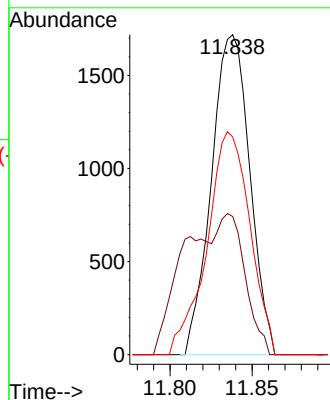
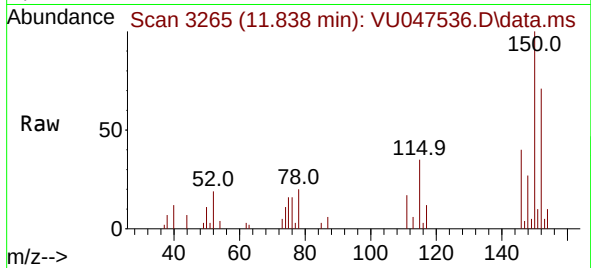




#65
1,4-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

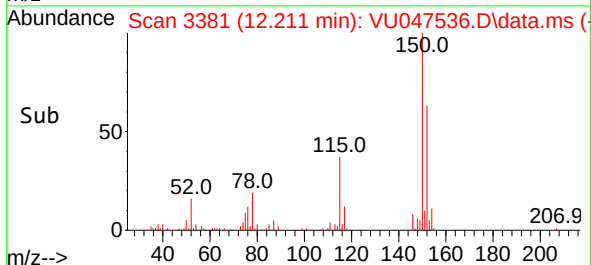
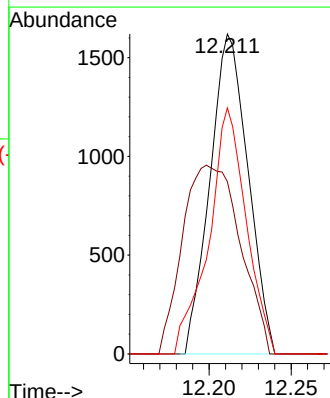
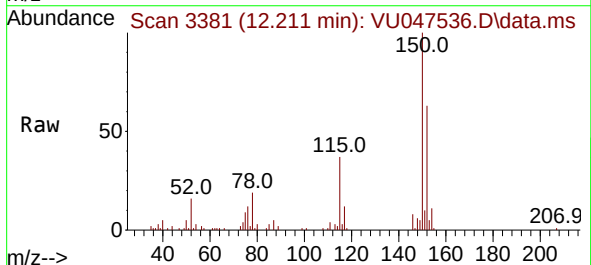
Instrument :
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VIBLK014

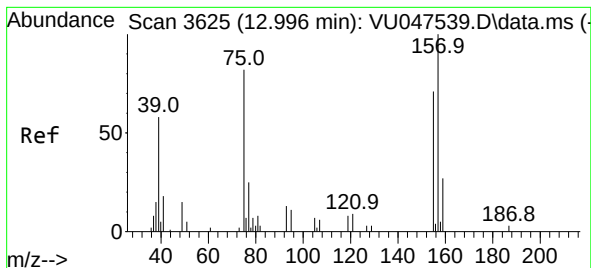
Tgt Ion:	146	Resp:	2796
Ion	Ratio	Lower	Upper
146	100		
111	43.2	26.2	48.8
148	68.1	44.3	82.3



#67
1,2-Dichlorobenzene
Concen: 0.137 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

Tgt Ion:	146	Resp:	2605
Ion	Ratio	Lower	Upper
146	100		
111	53.8	31.4	47.0#
148	76.9	50.9	76.3#

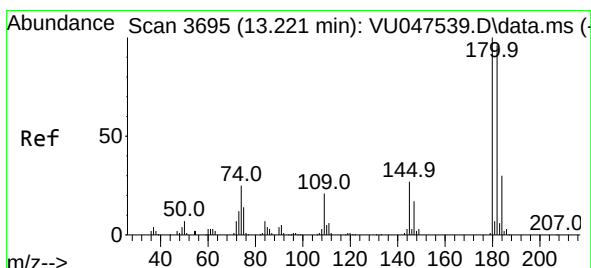
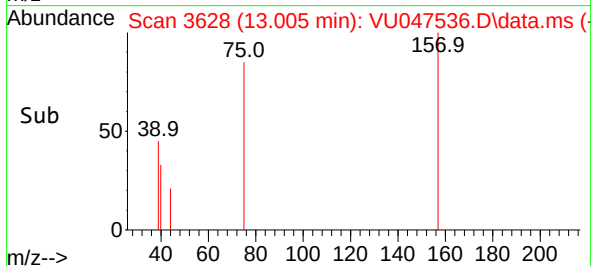
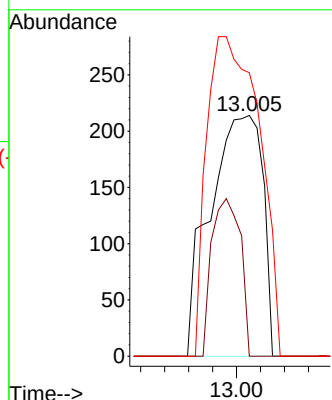
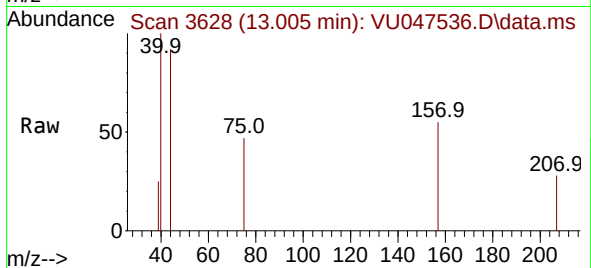




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.212 ug/L
 RT: 13.005 min Scan# 3628
 Delta R.T. 0.010 min
 Lab File: VU047536.D
 Acq: 14 Mar 2022 15:19

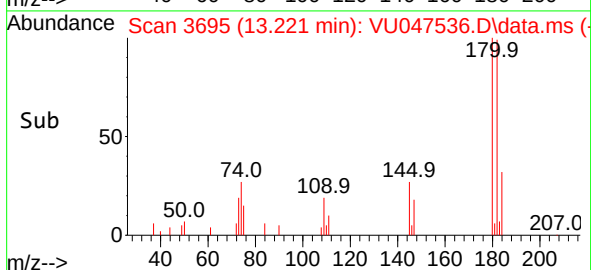
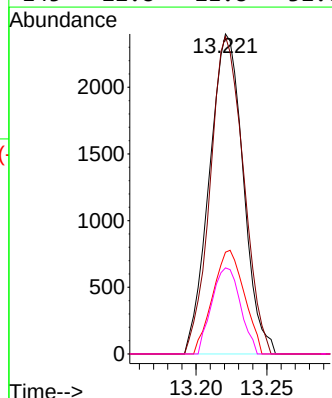
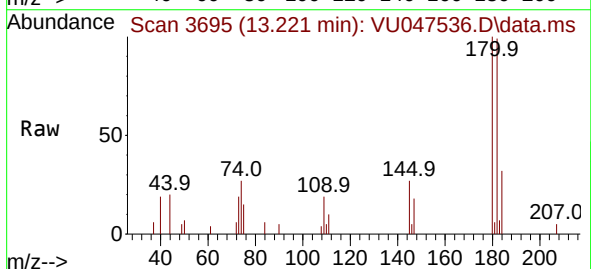
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK014

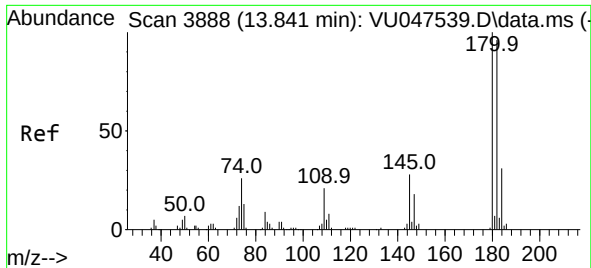
Tgt Ion: 75 Resp: 326
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.8 106.2#
 157 117.8 99.4 149.2



#69
 1,3,5-Trichlorobenzene
 Concen: 0.244 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047536.D
 Acq: 14 Mar 2022 15:19

Tgt Ion: 180 Resp: 3980
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.3 115.9
 184 30.1 24.3 36.5
 145 22.8 21.8 32.6

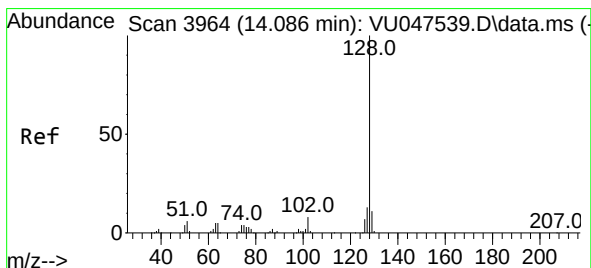
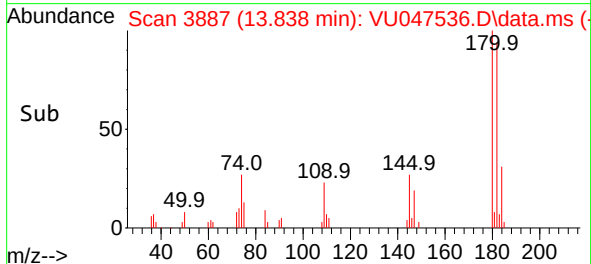
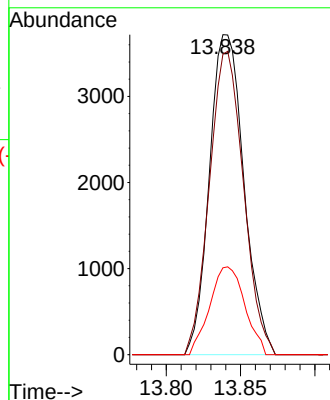
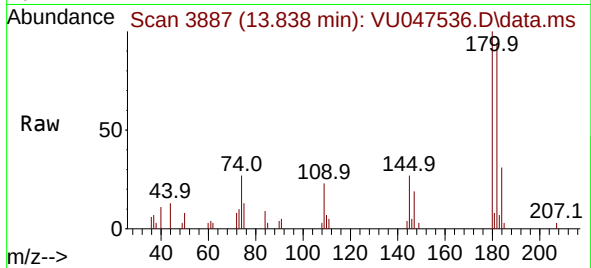




#70
1,2,4-trichlorobenzene
Concen: 0.418 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

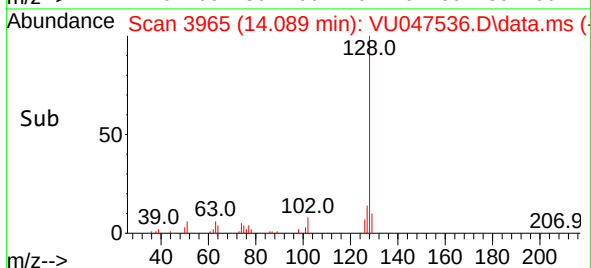
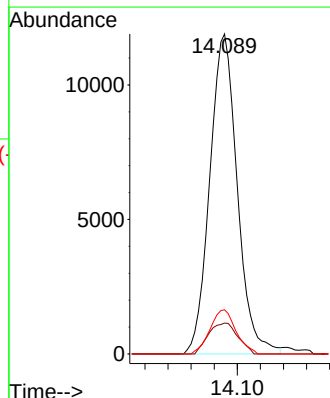
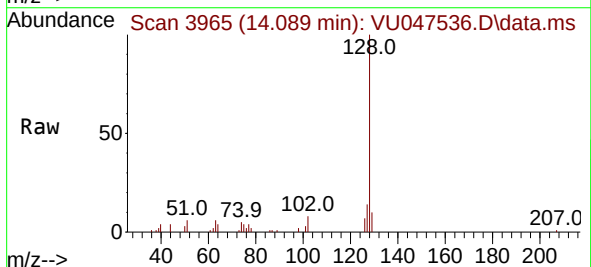
Instrument :
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VIBLK014

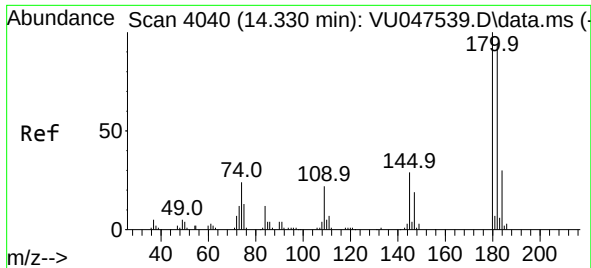
Tgt Ion:180 Resp: 6003
Ion Ratio Lower Upper
180 100
182 93.7 76.6 114.8
145 27.9 22.5 33.7



#71
Naphthalene
Concen: 0.739 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047536.D
Acq: 14 Mar 2022 15:19

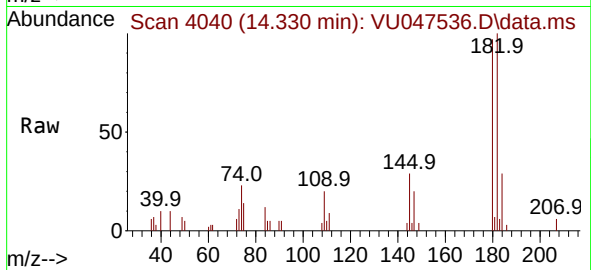
Tgt Ion:128 Resp: 19682
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 13.1 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.506 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU047536.D
 Acq: 14 Mar 2022 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK014



Tgt Ion:	180	Resp:	6964
Ion Ratio	Lower	Upper	
180	100		
182	98.8	77.8	116.8
145	29.1	23.7	35.5

