

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044555.D
 Acq On : 02 Sep 2021 16:04
 Operator : SY/MD
 Sample : VU0902WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 03 02:43:14 2021
 Response via : Initial Calibration

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

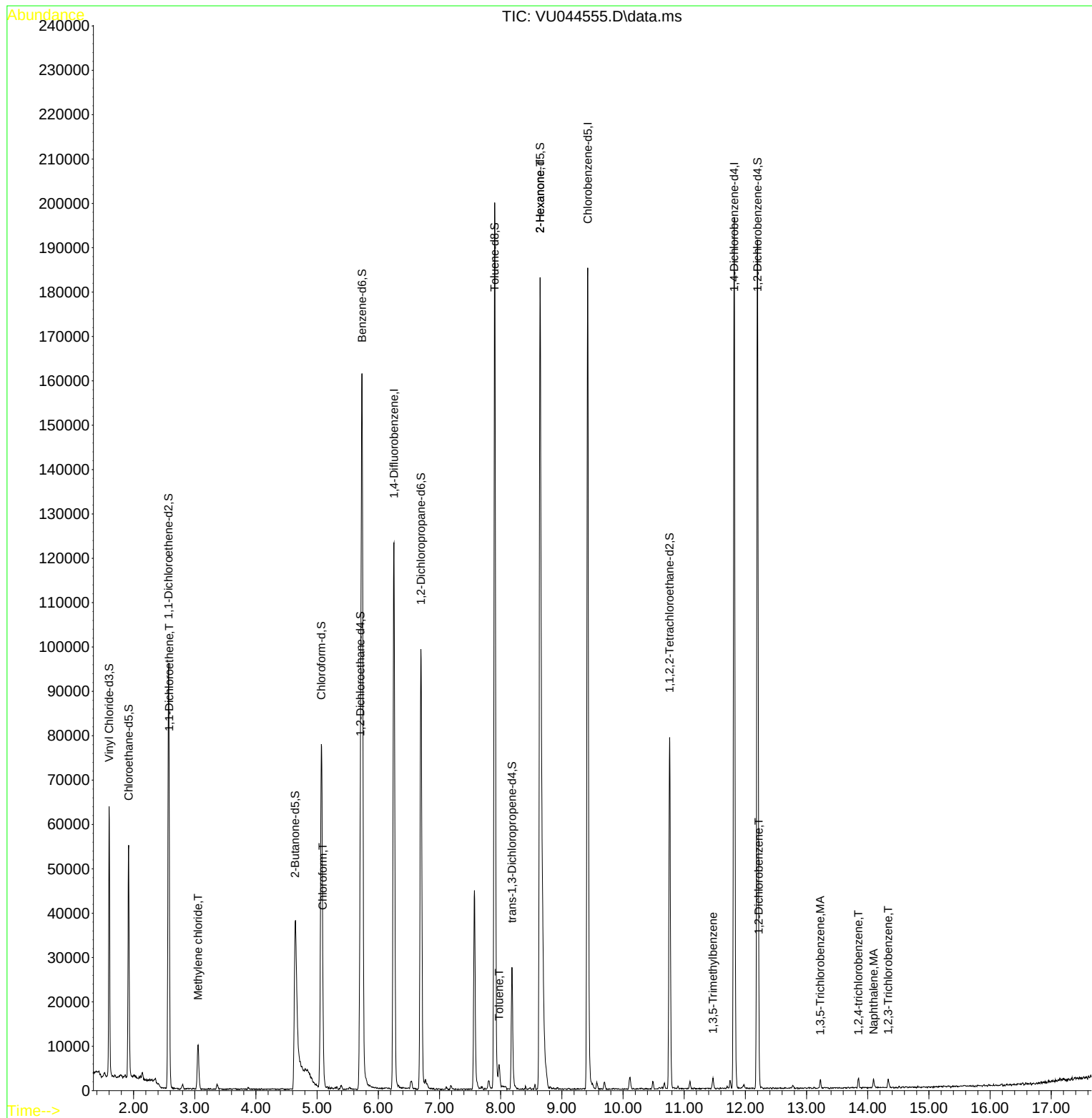
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	103554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	107289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	52739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42115	5.029	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.919	69	39978	5.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.800%	
11) 1,1-Dichloroethene-d2	2.572	65	17877	5.018	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.400%	
20) 2-Butanone-d5	4.642	46	81761	35.299	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.600%	
24) Chloroform-d	5.070	84	73361	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.707	65	41274	5.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.736	84	154436	5.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.697	67	46791	4.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.903	98	136535	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	8.186	79	15917	4.586	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.645	63	96464	51.392	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.780%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41922	5.150	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.198	152	51199	5.746	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	707	0.089	ug/L #	1
16) Methylene chloride	3.054	84	5116	0.433	ug/L	95
25) Chloroform	5.092	83	4312	0.261	ug/L	95
42) Toluene	7.977	91	3353	0.088	ug/L	88
48) 2-Hexanone	8.645	43	9495	2.056	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.472	105	1410	0.045	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	1026	0.064	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	783	0.066	ug/L #	95
70) 1,2,4-trichlorobenzene	13.845	180	996	0.107	ug/L	93
71) Naphthalene	14.095	128	2384	0.134	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.336	180	1031	0.121	ug/L #	89

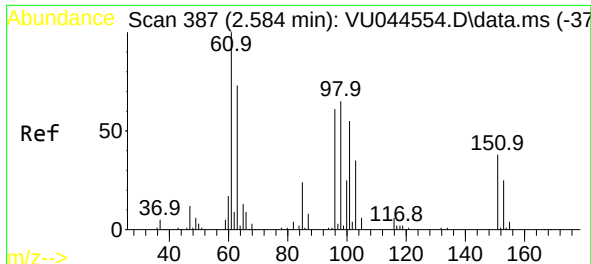
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 02:44:43 2021
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#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

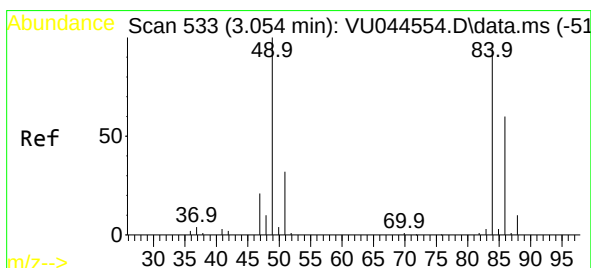
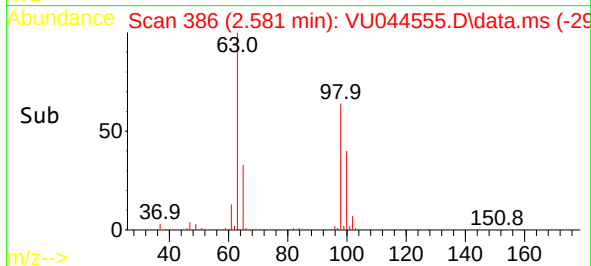
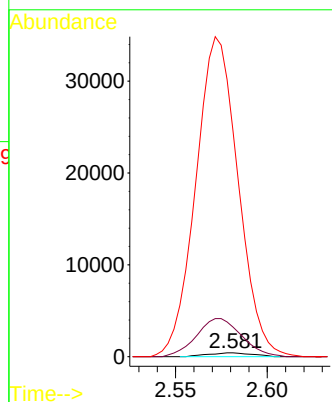
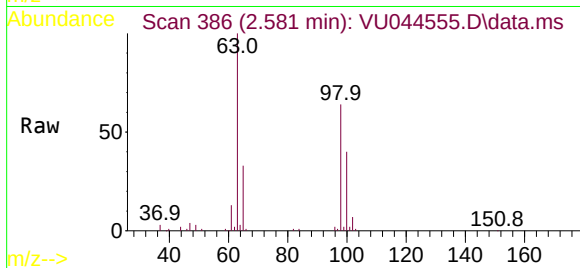
Lab File: VU044555.D

Acq: 02 Sep 2021 16:04

Tgt Ion: 96 Resp: 707

Ion	Ratio	Lower	Upper
96	100		
61	753.9	126.1	234.3#
63	5759.3	84.8	157.6#

Instrument :
MSVOA_U
ClientSampleId :



#16

Methylene chloride

Concen: 0.433 ug/L

RT: 3.054 min Scan# 533

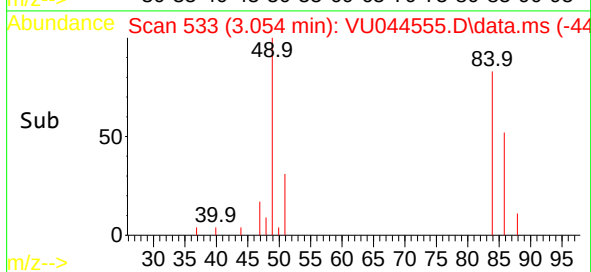
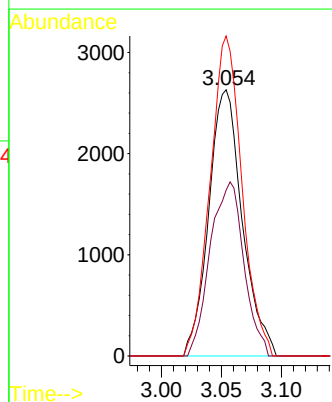
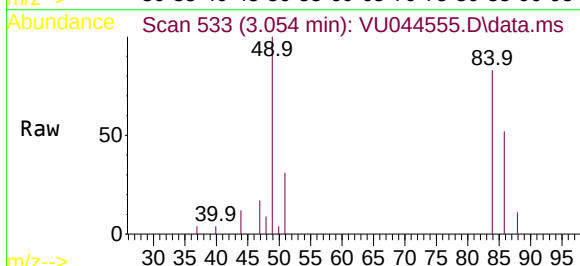
Delta R.T. 0.000 min

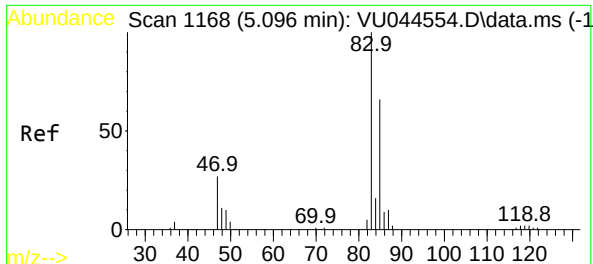
Lab File: VU044555.D

Acq: 02 Sep 2021 16:04

Tgt Ion: 84 Resp: 5116

Ion	Ratio	Lower	Upper
84	100		
86	62.2	45.2	84.0
49	120.2	88.8	165.0





#25

Chloroform

Concen: 0.261 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU044555.D

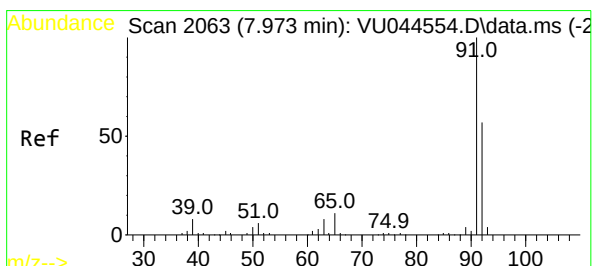
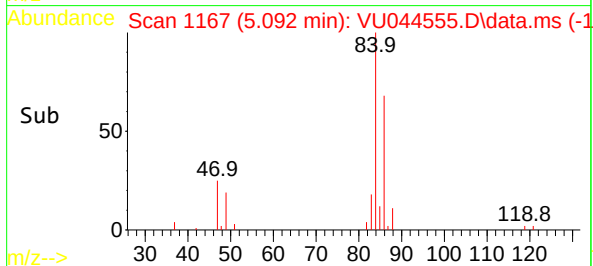
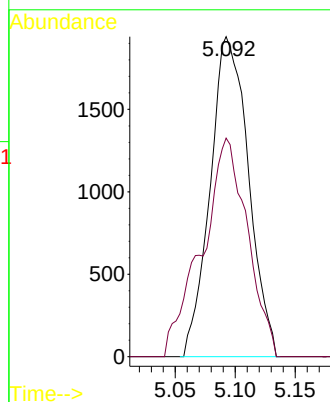
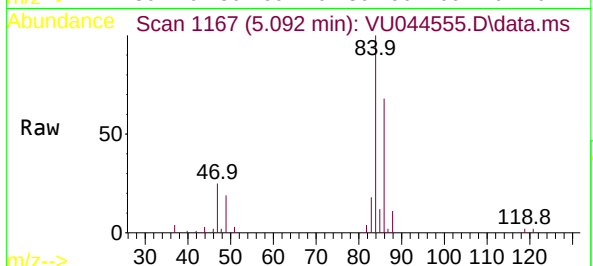
Acq: 02 Sep 2021 16:04

Tgt Ion: 83 Resp: 4312

Ion Ratio Lower Upper

83 100

85 68.3 45.3 84.1



#42

Toluene

Concen: 0.088 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU044555.D

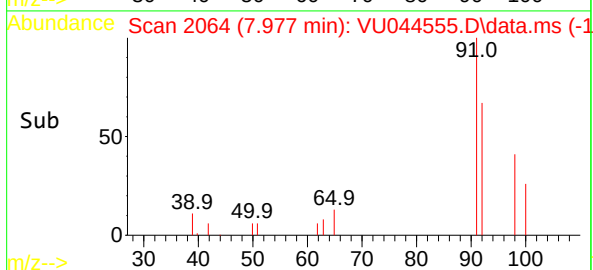
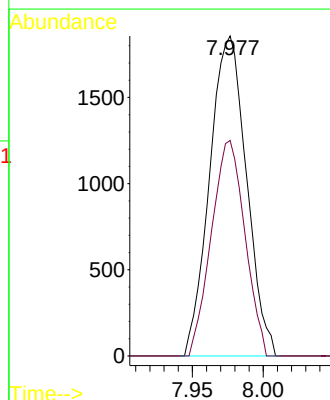
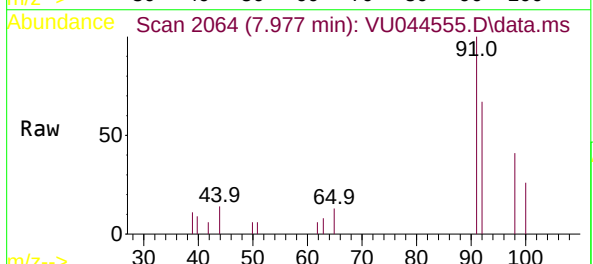
Acq: 02 Sep 2021 16:04

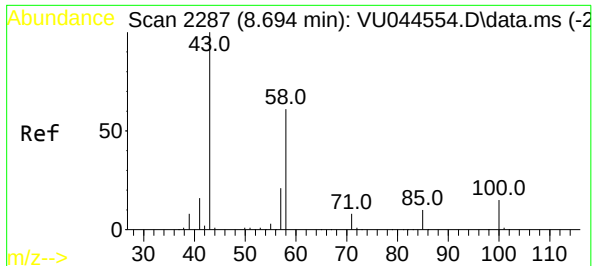
Tgt Ion: 91 Resp: 3353

Ion Ratio Lower Upper

91 100

92 67.4 40.7 75.5

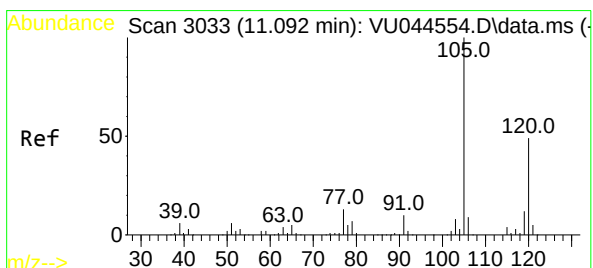
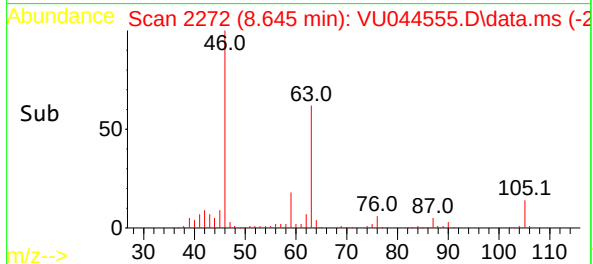
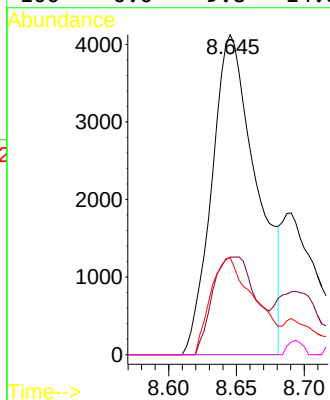
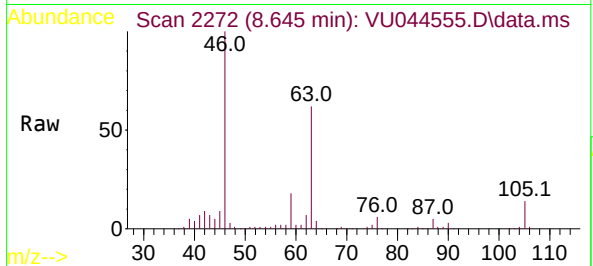




#48
2-Hexanone
Concen: 2.056 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044555.D
Acq: 02 Sep 2021 16:04

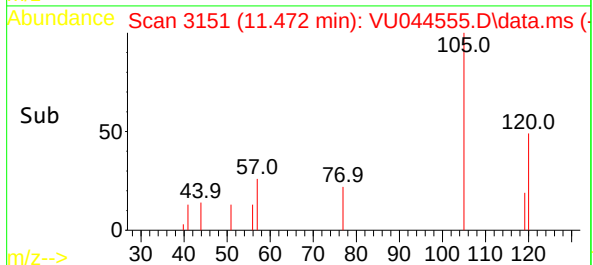
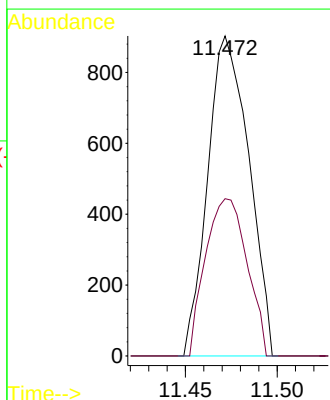
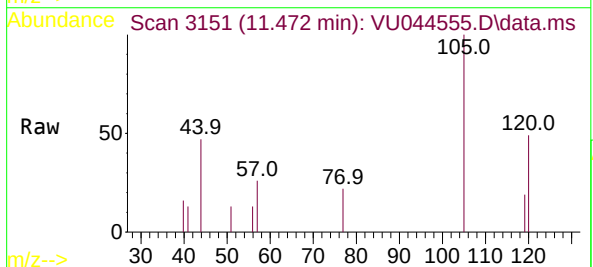
Instrument :
MSVOA_U
ClientSampleId :

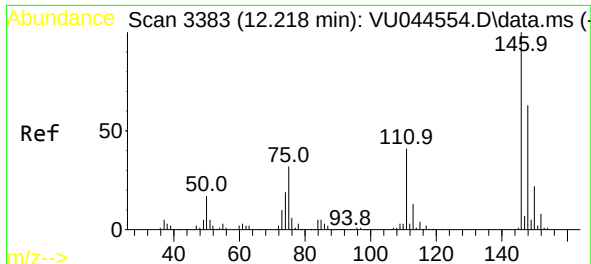
Tgt Ion: 43	Resp: 9495
Ion Ratio	Lower Upper
43 100	
58 29.7	46.5 69.7#
57 30.0	15.8 23.8#
100 0.0	9.8 14.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.045 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.379 min
Lab File: VU044555.D
Acq: 02 Sep 2021 16:04

Tgt Ion:105	Resp:	1410	
Ion	Ratio	Lower	Upper
105	100		
120	49.5	37.8	56.6

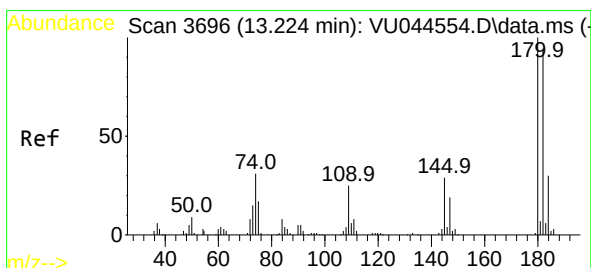
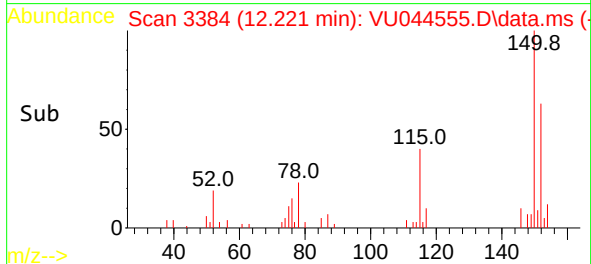
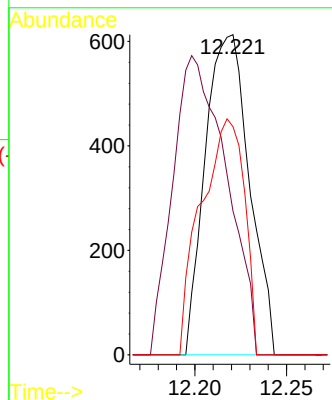
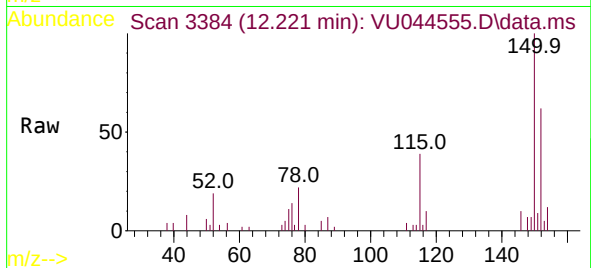




#67
1,2-Dichlorobenzene
Concen: 0.064 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044555.D
Acq: 02 Sep 2021 16:04

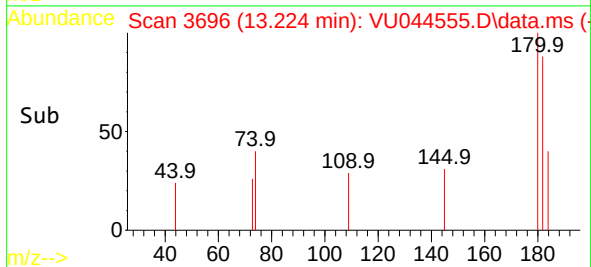
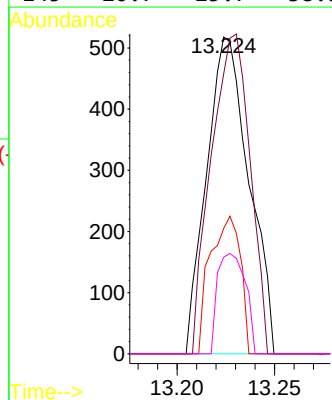
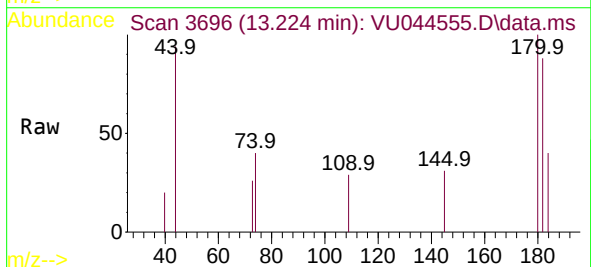
Instrument :
MSVOA_U
ClientSampled :

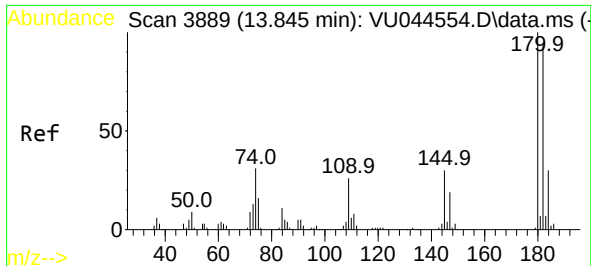
Tgt Ion:146 Resp: 1026
Ion Ratio Lower Upper
146 100
111 44.9 34.9 52.3
148 71.3 49.3 73.9



#69
1,3,5-Trichlorobenzene
Concen: 0.066 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044555.D
Acq: 02 Sep 2021 16:04

Tgt Ion:180 Resp: 783
Ion Ratio Lower Upper
180 100
182 92.6 75.0 112.6
184 30.9 24.3 36.5
145 20.7 25.7 38.5#

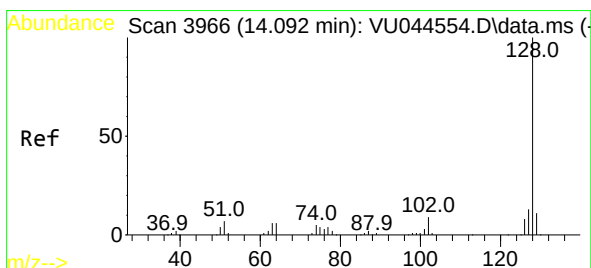
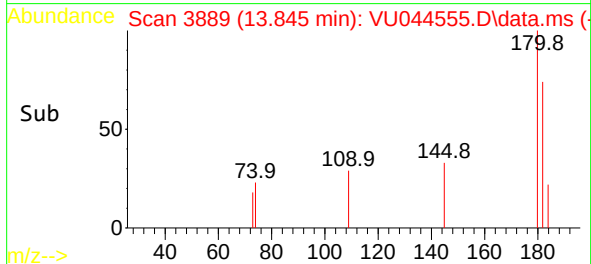
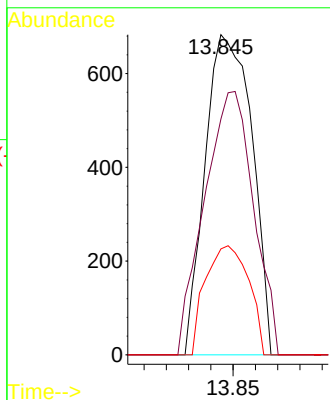
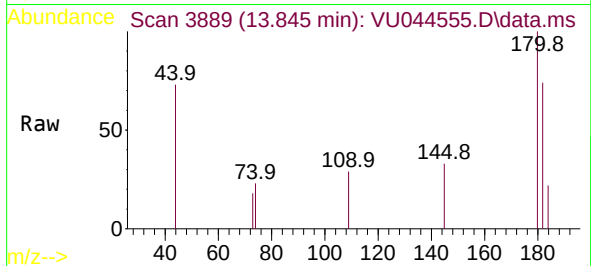




#70
1,2,4-trichlorobenzene
Concen: 0.107 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044555.D
Acq: 02 Sep 2021 16:04

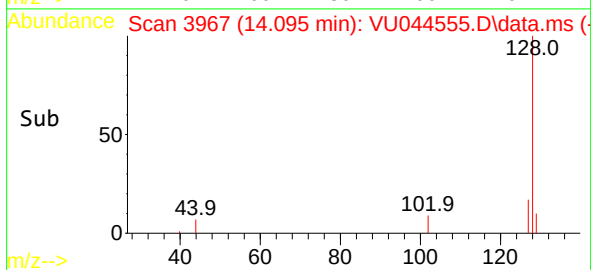
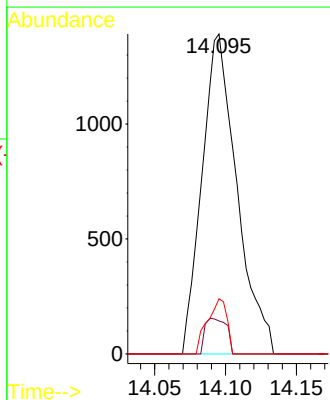
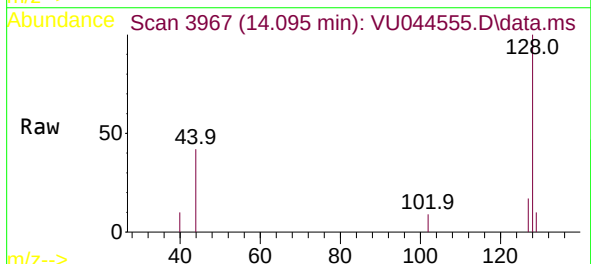
Instrument :
MSVOA_U
ClientSampleId :

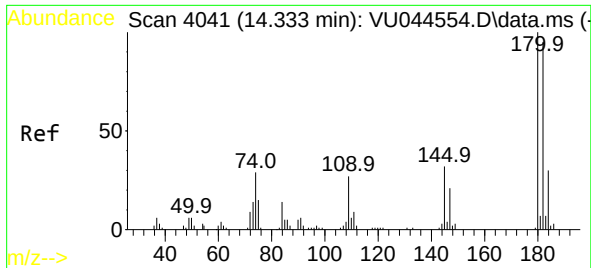
Tgt Ion:180 Resp: 996
Ion Ratio Lower Upper
180 100
182 86.5 76.0 114.0
145 31.5 26.3 39.5



#71
Naphthalene
Concen: 0.134 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044555.D
Acq: 02 Sep 2021 16:04

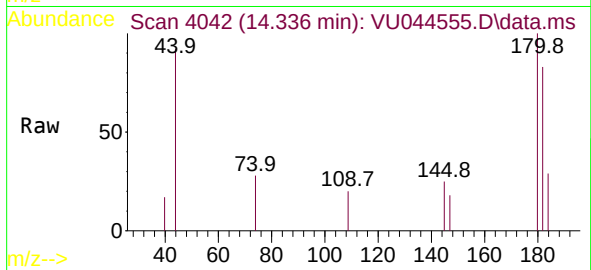
Tgt Ion:128 Resp: 2384
Ion Ratio Lower Upper
128 100
129 6.8 8.6 12.8#
127 9.6 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.121 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044555.D
 Acq: 02 Sep 2021 16:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1031
Ion	Ratio	Lower	Upper
180	100		
182	88.5	76.4	114.6
145	21.8	27.1	40.7#

