

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048236.D
 Acq On : 22 Apr 2022 19:43
 Operator : SY/MD
 Sample : N2486-15DL 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:05:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

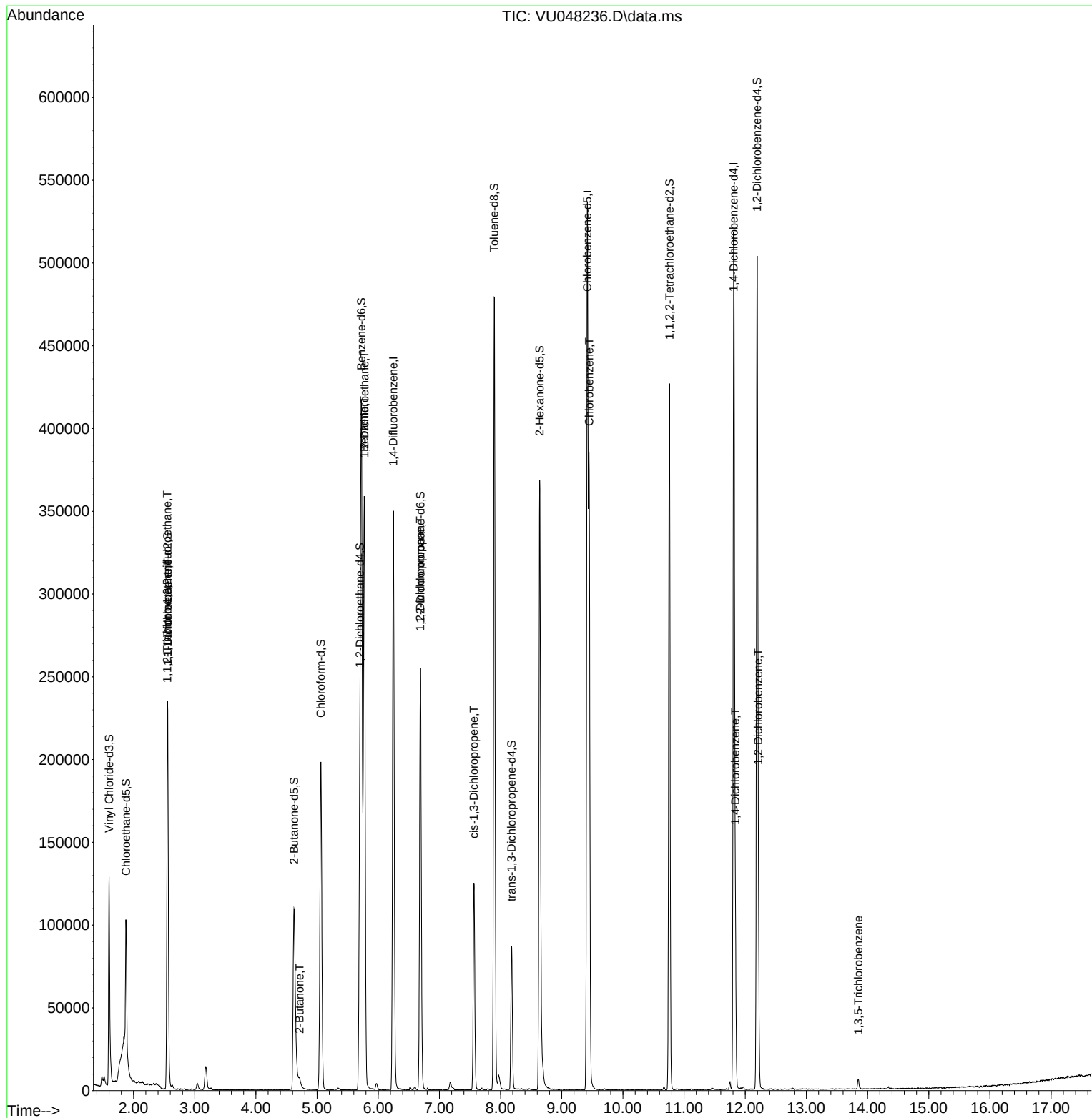
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	300003	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108925	50.069	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	100.140%	
7) Chloroethane-d5	1.877	69	60482	35.258	ug/L	-0.04
Spiked Amount 50.000	Range 70	- 130	Recovery	=	70.520%	
11) 1,1-Dichloroethene-d2	2.556	63	136521	34.299	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	68.600%	
21) 2-Butanone-d5	4.623	46	178985	95.853	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	95.850%	
24) Chloroform-d	5.064	84	185263	46.541	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.080%	
26) 1,2-Dichloroethane-d4	5.700	65	118347	48.475	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.960%	
32) Benzene-d6	5.726	84	390555	49.890	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.780%	
36) 1,2-Dichloropropane-d6	6.690	67	130089	54.111	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	108.220%	
41) Toluene-d8	7.896	98	323408	42.403	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.179	79	51251	42.079	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	84.160%	
47) 2-Hexanone-d5	8.639	63	133568	94.905	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.910%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211300	51.213	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	102.420%	
66) 1,2-Dichlorobenzene-d4	12.195	152	137641	53.256	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.520%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	1210	0.547	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1119	0.544	ug/L #	1
22) 2-Butanone	4.713	43	9632	4.303	ug/L	82
27) 1,2-Dichloroethane	5.774	62	2872	0.902	ug/L #	75
33) Benzene	5.771	78	352663	39.163	ug/L	100
37) 1,2-Dichloropropane	6.687	63	12801	5.592	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2678	0.754	ug/L #	43
51) Chlorobenzene	9.449	112	208112	31.020	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	41522	9.186	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	32600	7.466	ug/L	96
69) 1,3,5-Trichlorobenzene	13.848	180	2978	0.840	ug/L #	95

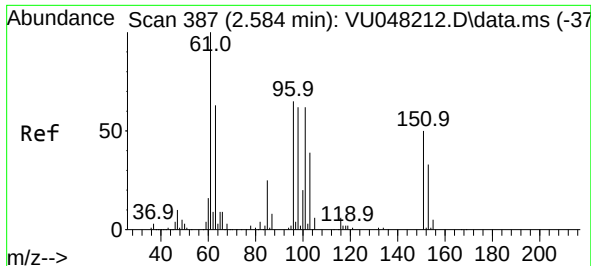
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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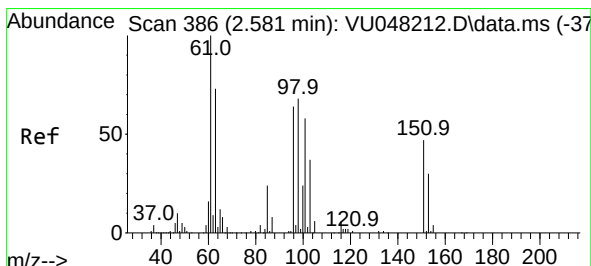
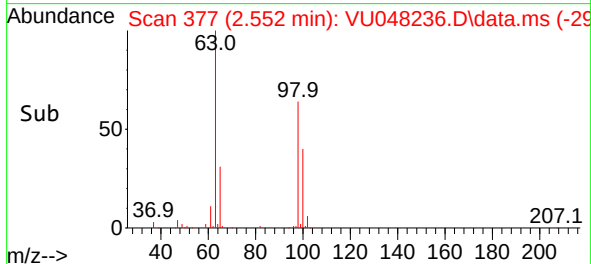
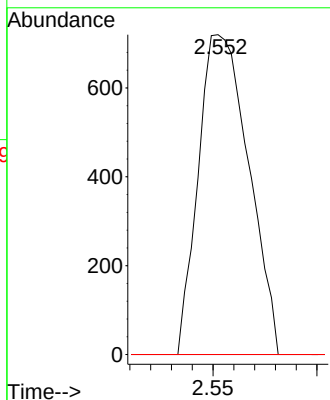
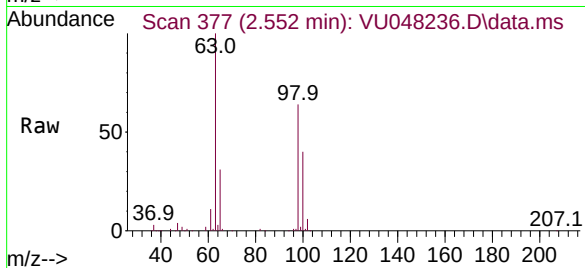




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.547 ug/L
RT: 2.552 min Scan# 31
Delta R.T. -0.032 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

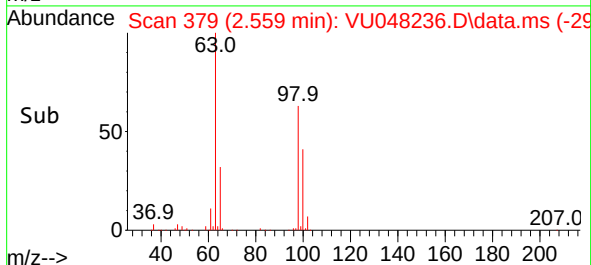
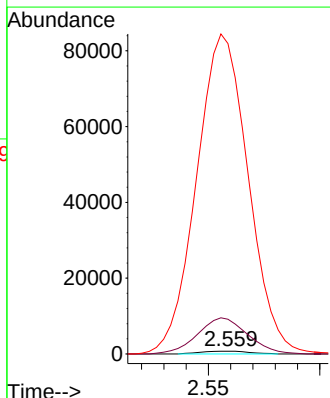
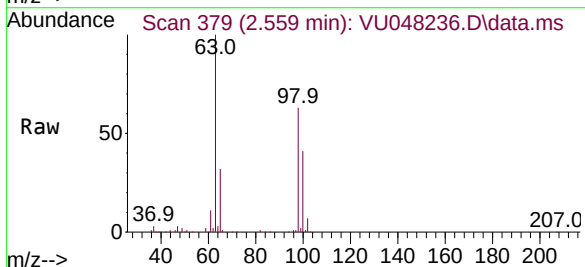
Instrument :
MSVOA_U
ClientSampleId :

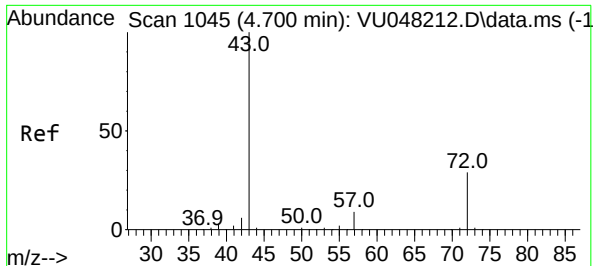
Tgt Ion:101 Resp: 1210
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.544 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.022 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

Tgt Ion: 96 Resp: 1119
Ion Ratio Lower Upper
96 100
61 1245.0 113.1 210.1#
63 11114.2 94.8 176.0#





#22

2-Butanone

Concen: 4.303 ug/L

RT: 4.713 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU048236.D

Acq: 22 Apr 2022 19:43

Instrument :

MSVOA_U

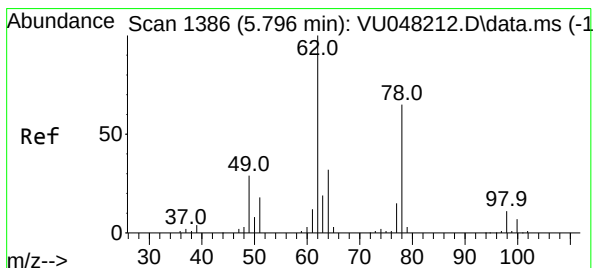
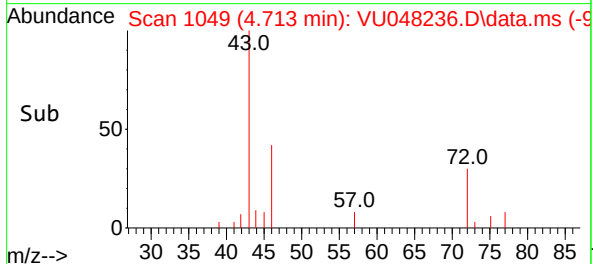
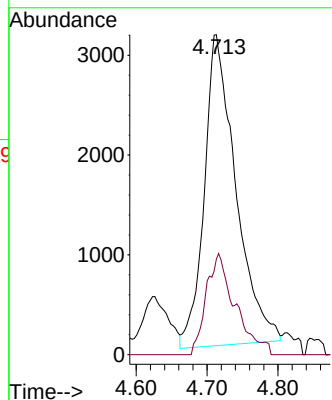
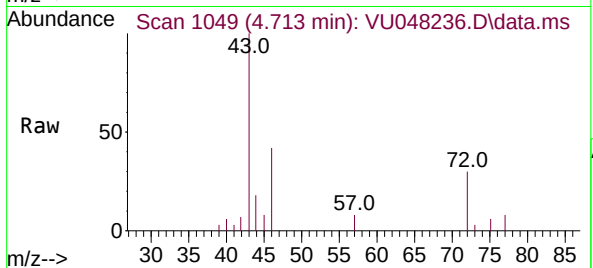
ClientSampleId :

Tgt Ion: 43 Resp: 9632

Ion Ratio Lower Upper

43 100

72 22.1 16.0 47.9



#27

1,2-Dichloroethane

Concen: 0.902 ug/L

RT: 5.774 min Scan# 1379

Delta R.T. -0.022 min

Lab File: VU048236.D

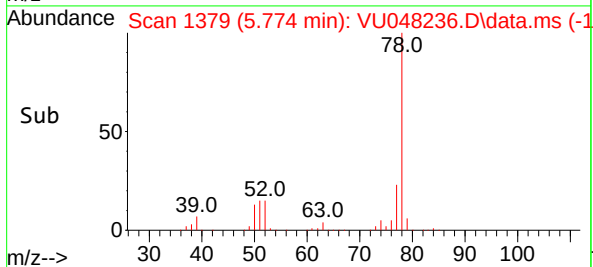
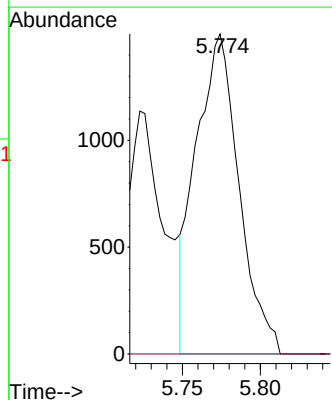
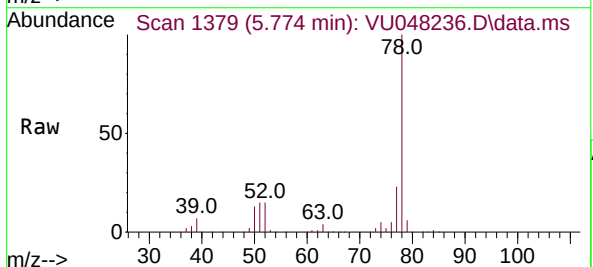
Acq: 22 Apr 2022 19:43

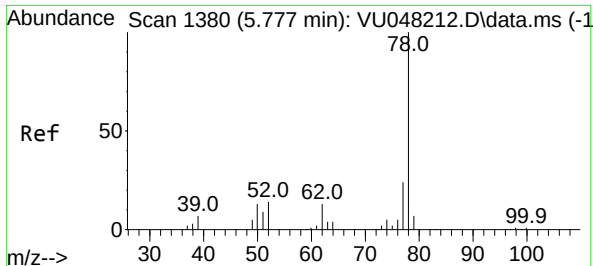
Tgt Ion: 62 Resp: 2872

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

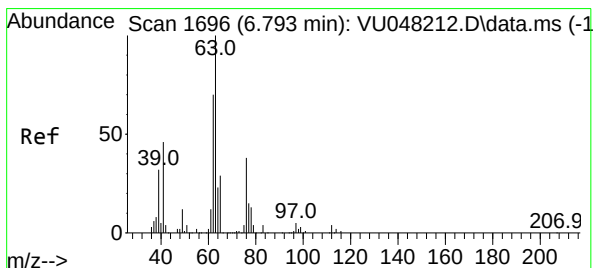
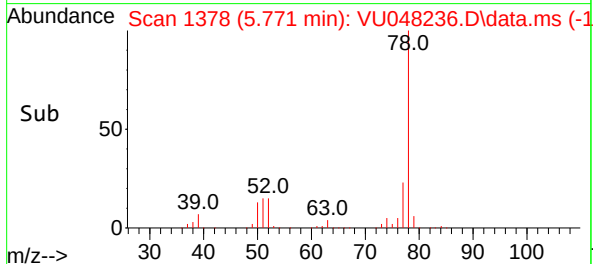
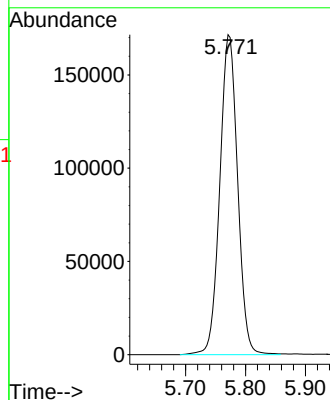
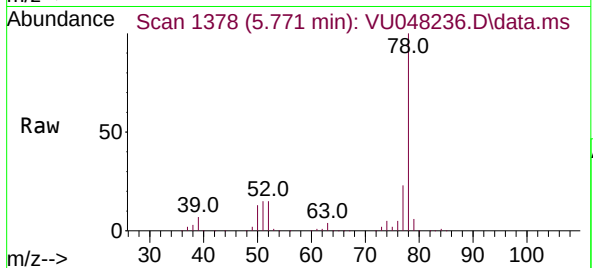




#33
Benzene
Concen: 39.163 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

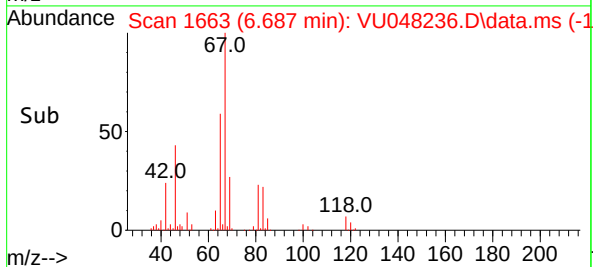
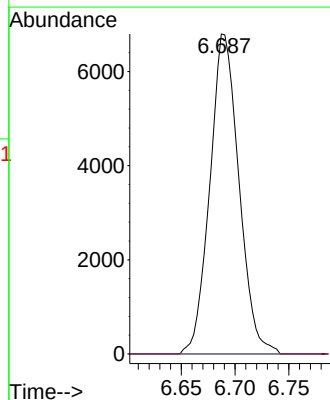
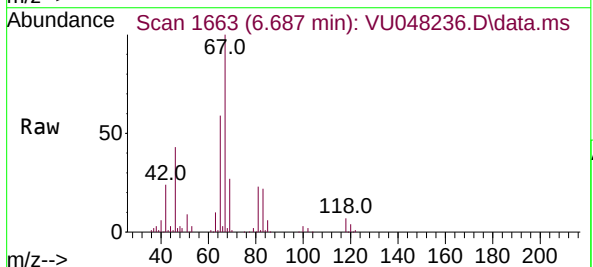
Instrument :
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ClientSampleId :

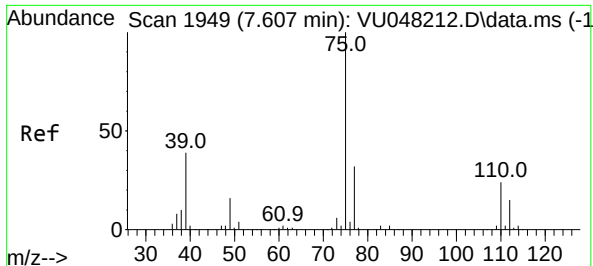
Tgt Ion: 78 Resp: 352663



#37
1,2-Dichloropropane
Concen: 5.592 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.106 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

Tgt Ion: 63 Resp: 12801
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048236.D

Acq: 22 Apr 2022 19:43

Instrument :

MSVOA_U

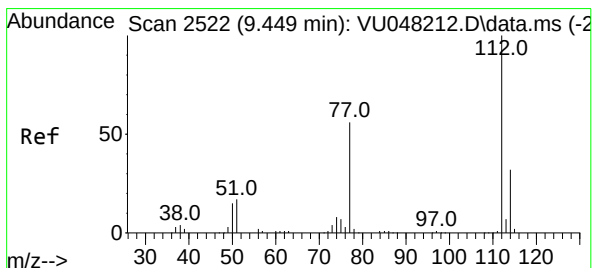
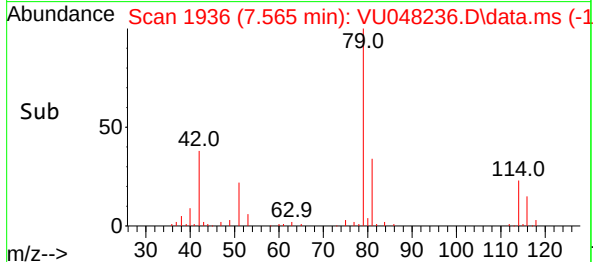
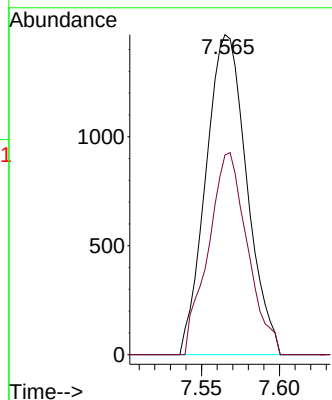
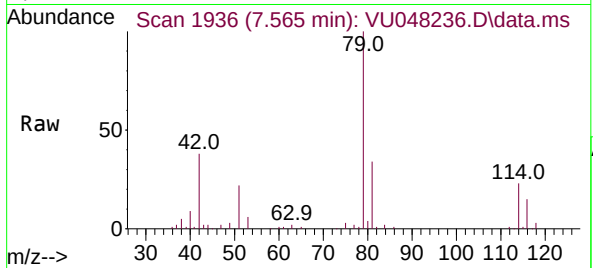
ClientSampleId :

Tgt Ion: 75 Resp: 2678

Ion Ratio Lower Upper

75 100

77 62.4 21.8 40.6#



#51

Chlorobenzene

Concen: 31.020 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU048236.D

Acq: 22 Apr 2022 19:43

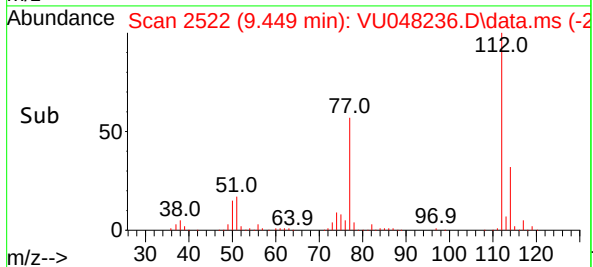
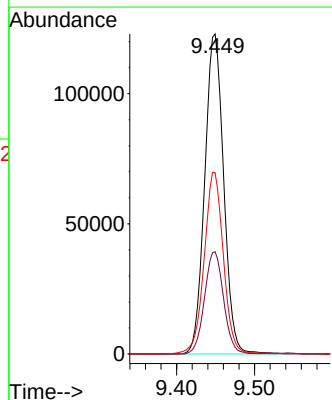
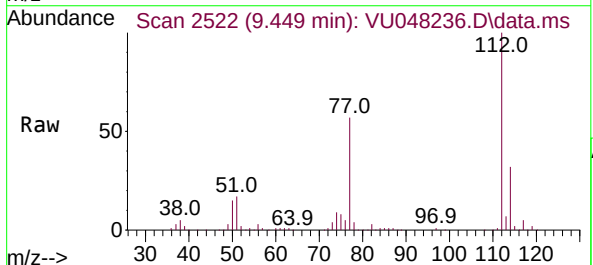
Tgt Ion: 112 Resp: 208112

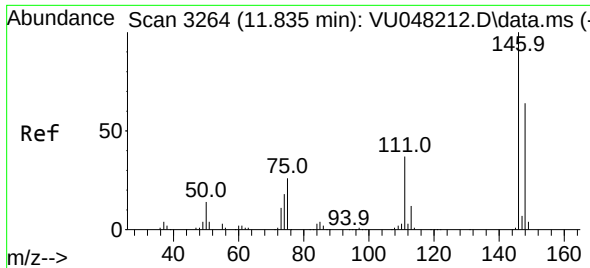
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 56.6 43.4 65.0

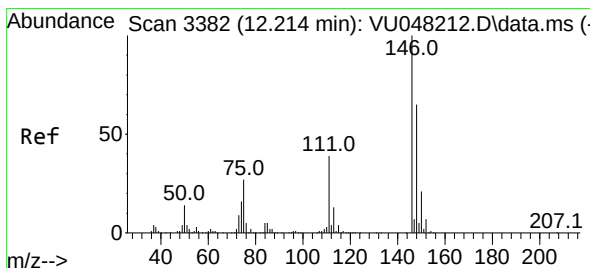
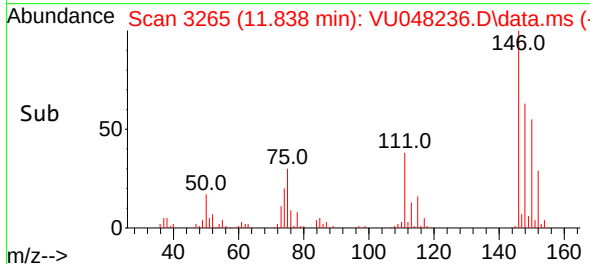
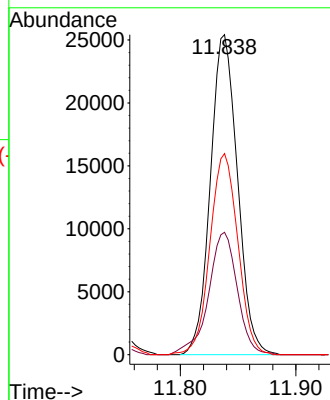
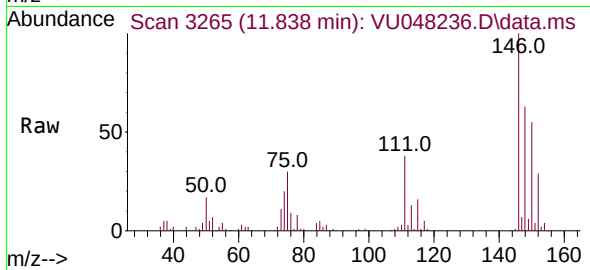




#65
1,4-Dichlorobenzene
Concen: 9.186 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

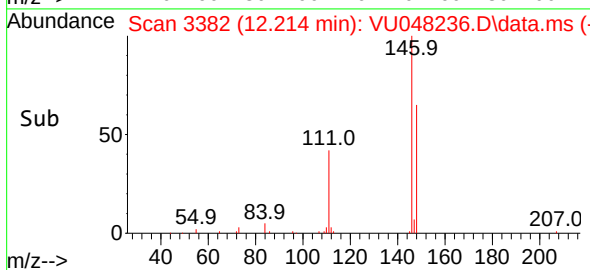
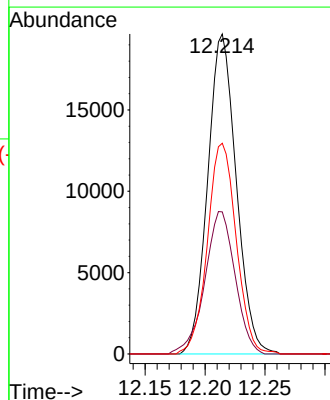
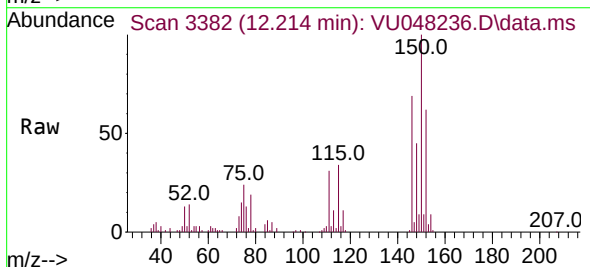
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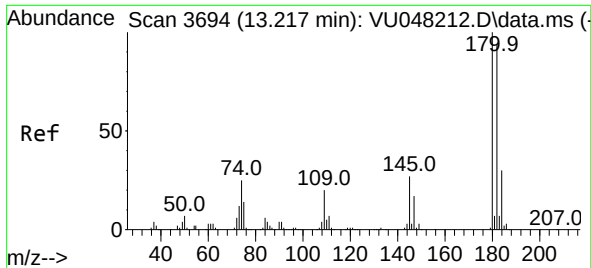
Tgt Ion:146 Resp: 41522
Ion Ratio Lower Upper
146 100
111 38.2 25.3 47.1
148 62.8 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 7.466 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048236.D
Acq: 22 Apr 2022 19:43

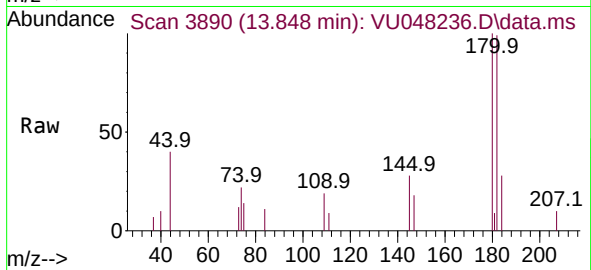
Tgt Ion:146 Resp: 32600
Ion Ratio Lower Upper
146 100
111 44.4 31.7 47.5
148 65.8 51.4 77.2





#69
 1,3,5-Trichlorobenzene
 Concen: 0.840 ug/L
 RT: 13.848 min Scan# 31
 Delta R.T. 0.630 min
 Lab File: VU048236.D
 Acq: 22 Apr 2022 19:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	2978
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.6
184	20.4	24.5	36.7#
145	25.4	21.0	31.6

