

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048235.D
 Acq On : 22 Apr 2022 19:19
 Operator : SY/MD
 Sample : N2486-11DL 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:05:04 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)

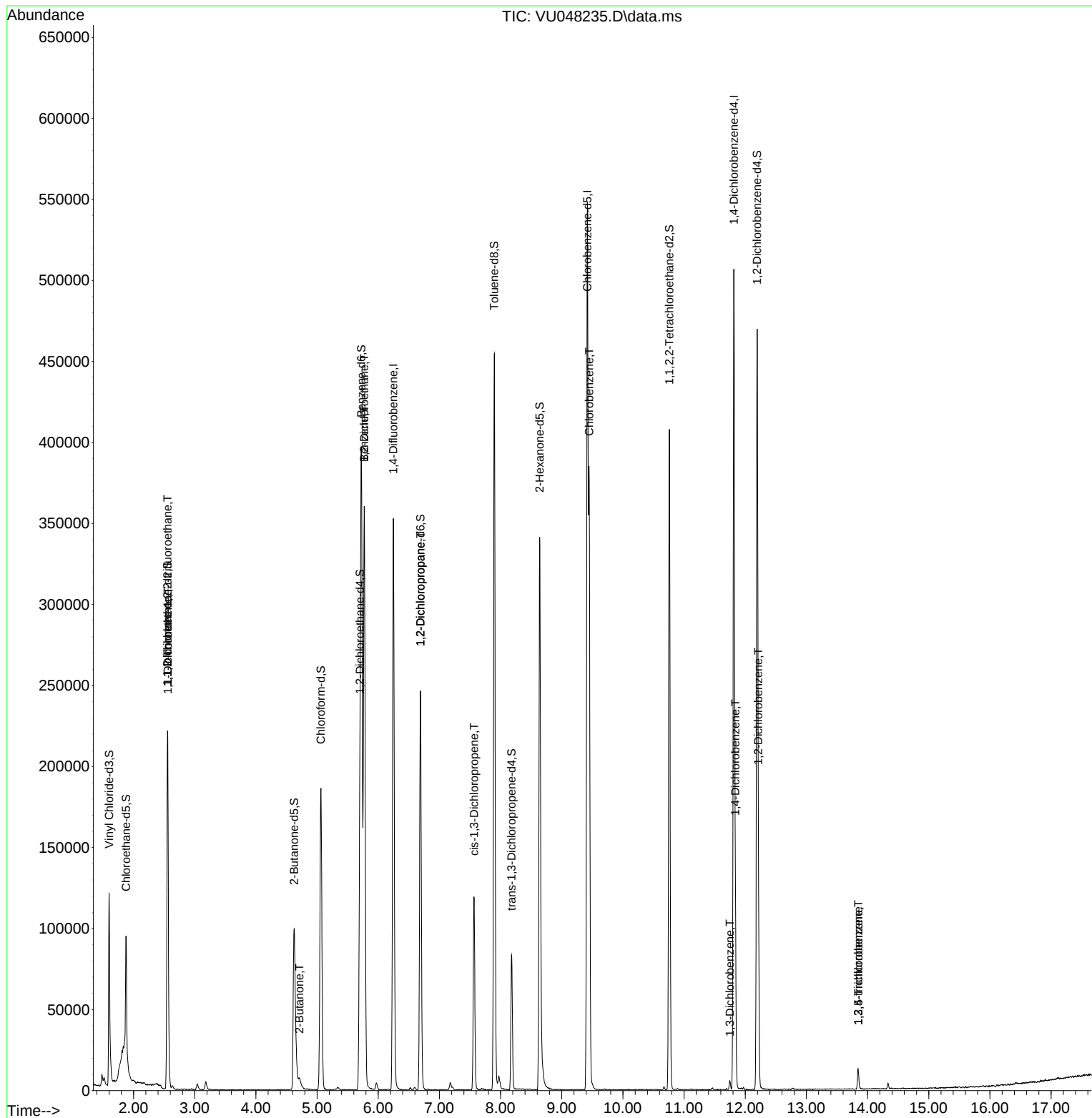
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	303653	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	316402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	143810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	103208	46.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.740%		
7) Chloroethane-d5	1.877	69	53428	30.772	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.540%#		
11) 1,1-Dichloroethene-d2	2.555	63	129070	32.037	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.080%		
21) 2-Butanone-d5	4.623	46	162610	86.037	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.040%		
24) Chloroform-d	5.063	84	175972	43.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.360%		
26) 1,2-Dichloroethane-d4	5.700	65	113982	46.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.260%		
32) Benzene-d6	5.726	84	370025	46.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.960%		
36) 1,2-Dichloropropane-d6	6.690	67	120878	49.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.880%		
41) Toluene-d8	7.896	98	309981	39.962	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.920%#		
43) trans-1,3-Dichloroprop...	8.179	79	48844	39.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.860%		
47) 2-Hexanone-d5	8.639	63	121085	84.595	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206951	49.319	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.640%		
66) 1,2-Dichlorobenzene-d4	12.195	152	128135	50.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	1139	0.509	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1222	0.587	ug/L #	1
22) 2-Butanone	4.710	43	9505	4.195	ug/L	72
27) 1,2-Dichloroethane	5.771	62	2915	0.904	ug/L #	75
33) Benzene	5.771	78	351009	38.327	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12083	5.190	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2656	0.735	ug/L #	59
51) Chlorobenzene	9.449	112	208514	30.560	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	2903	0.672	ug/L	86
65) 1,4-Dichlorobenzene	11.838	146	43404	9.700	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	35768	8.275	ug/L	99
69) 1,3,5-Trichlorobenzene	13.848	180	4921	1.403	ug/L #	95
70) 1,2,4-trichlorobenzene	13.848	180	4921	1.601	ug/L	96

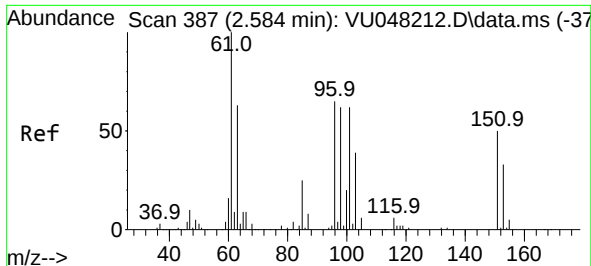
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048235.D
Acq On : 22 Apr 2022 19:19
Operator : SY/MD
Sample : N2486-11DL 2000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 22:05:04 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

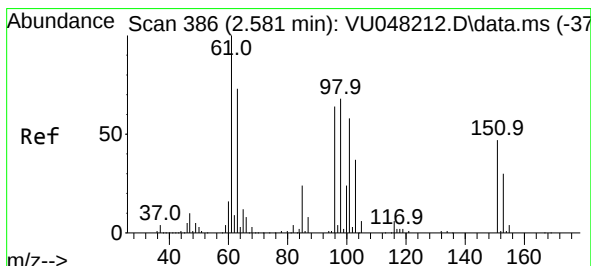
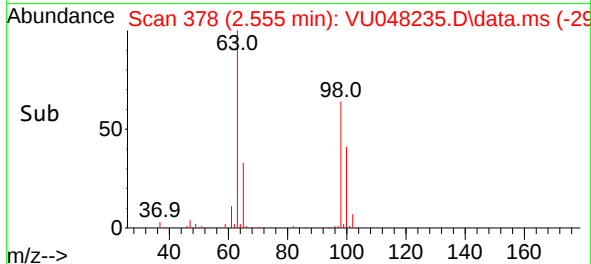
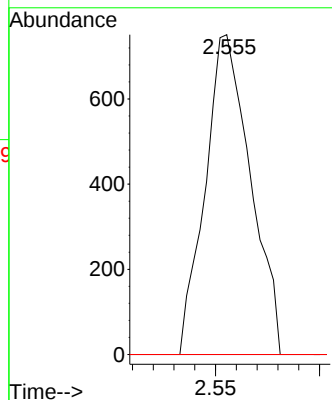
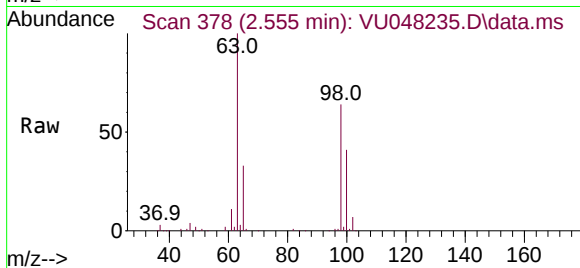




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.509 ug/L
RT: 2.555 min Scan# 31
Delta R.T. -0.029 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

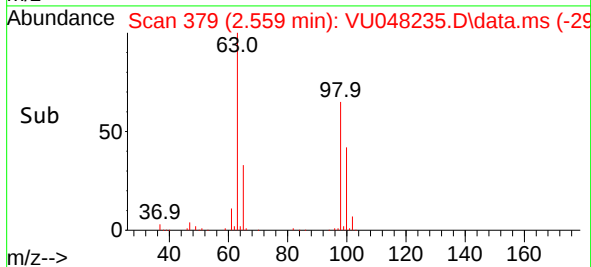
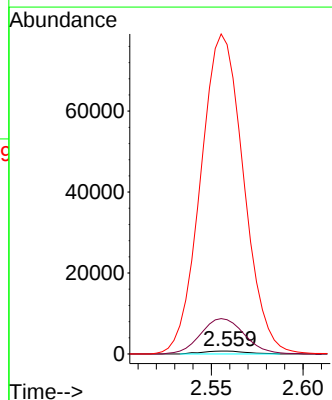
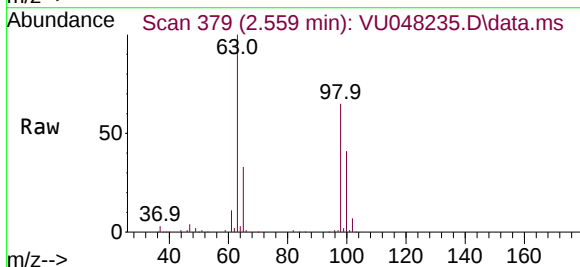
Instrument :
MSVOA_U
ClientSampleId :

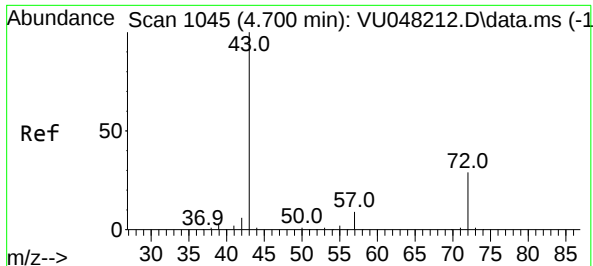
Tgt Ion:101 Resp: 1139
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.023 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion: 96 Resp: 1222
Ion Ratio Lower Upper
96 100
61 1155.4 113.1 210.1#
63 10461.3 94.8 176.0#

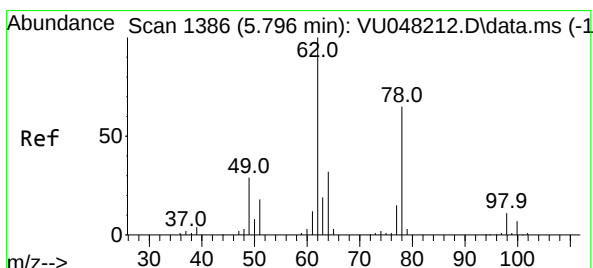
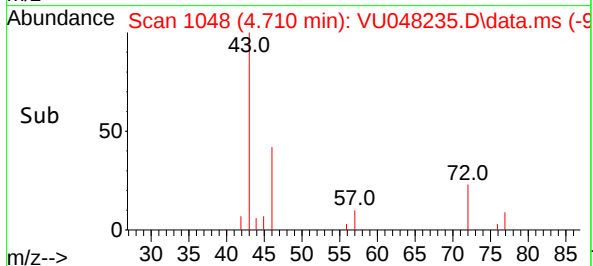
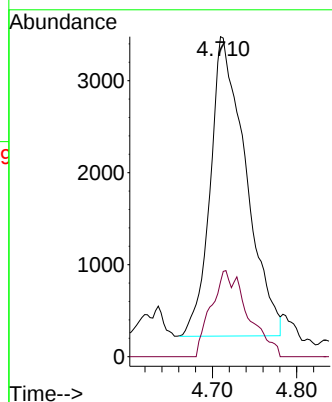
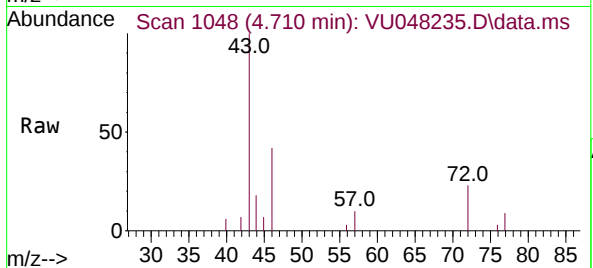




#22
2-Butanone
Concen: 4.195 ug/L
RT: 4.710 min Scan# 1045
Delta R.T. 0.010 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

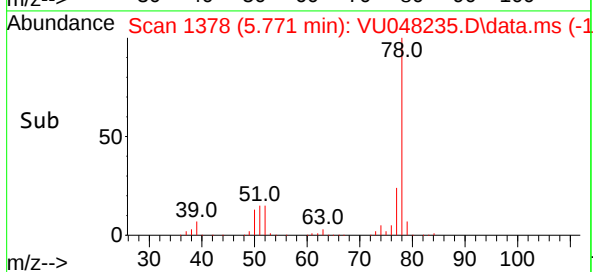
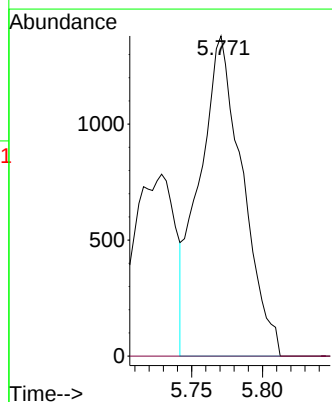
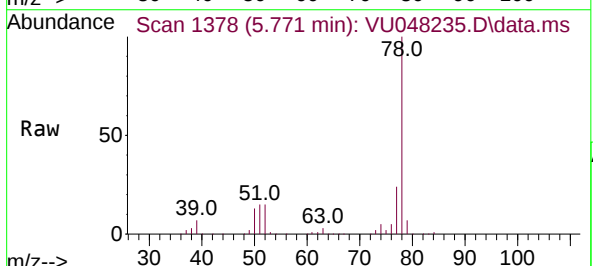
Instrument :
MSVOA_U
ClientSampleId :

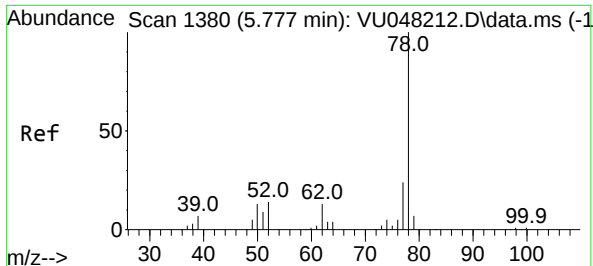
Tgt Ion: 43 Resp: 9505
Ion Ratio Lower Upper
43 100
72 16.1 16.0 47.9



#27
1,2-Dichloroethane
Concen: 0.904 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.026 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion: 62 Resp: 2915
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

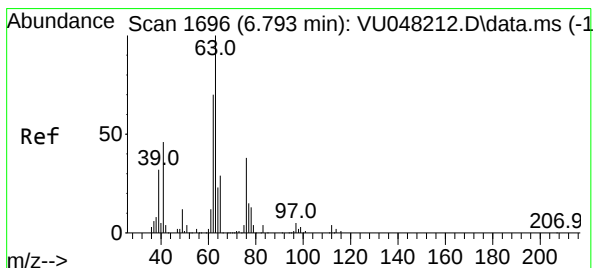
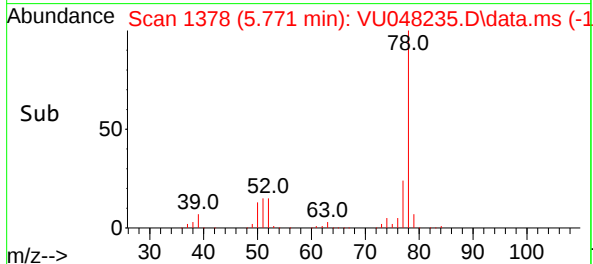
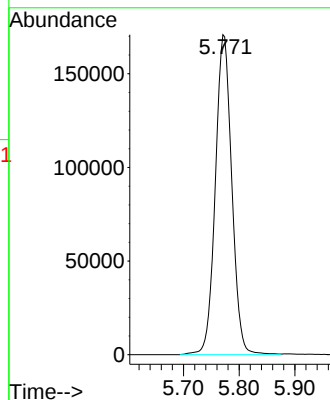
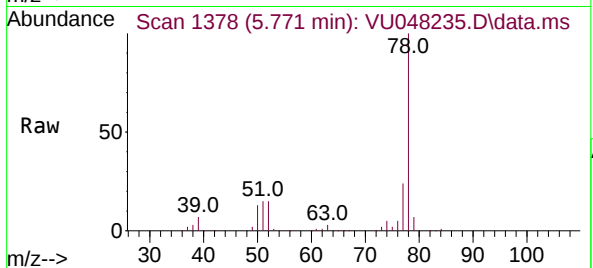




#33
Benzene
Concen: 38.327 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

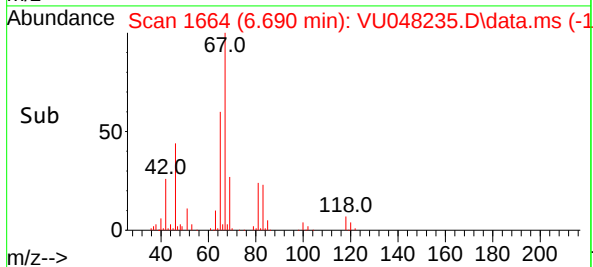
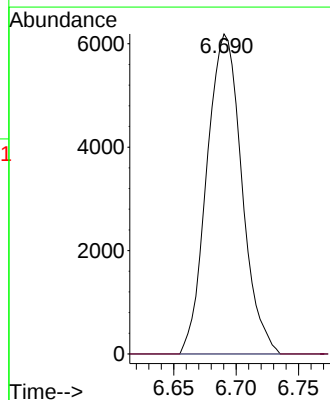
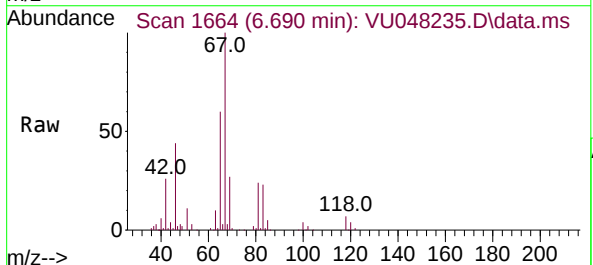
Instrument :
MSVOA_U
ClientSampleId :

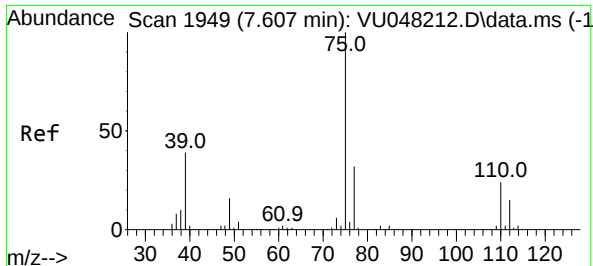
Tgt Ion: 78 Resp: 351009



#37
1,2-Dichloropropane
Concen: 5.190 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion: 63 Resp: 12083
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048235.D

Acq: 22 Apr 2022 19:19

Instrument :

MSVOA_U

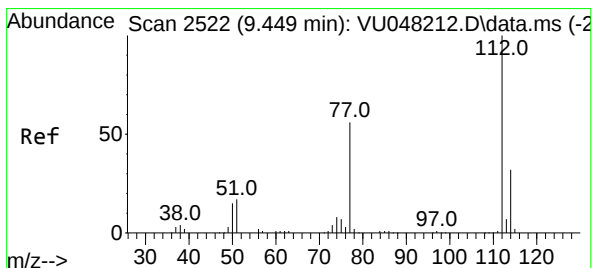
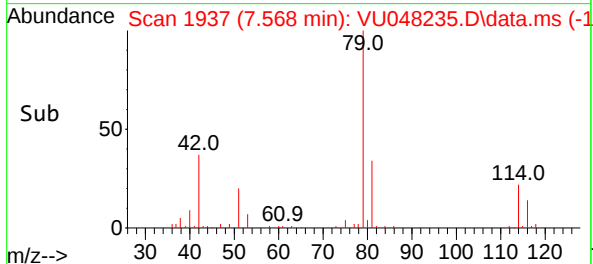
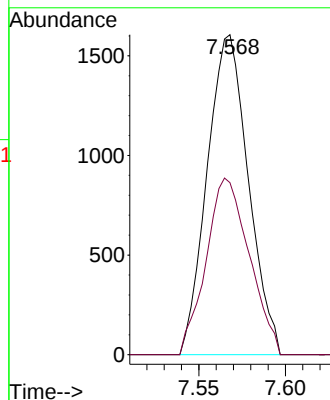
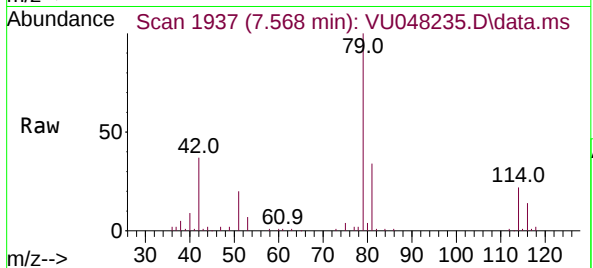
ClientSampleId :

Tgt Ion: 75 Resp: 2656

Ion Ratio Lower Upper

75 100

77 53.7 21.8 40.6#



#51

Chlorobenzene

Concen: 30.560 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048235.D

Acq: 22 Apr 2022 19:19

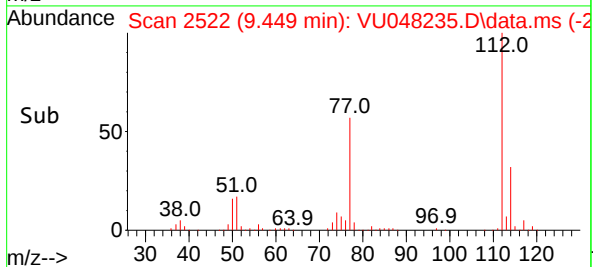
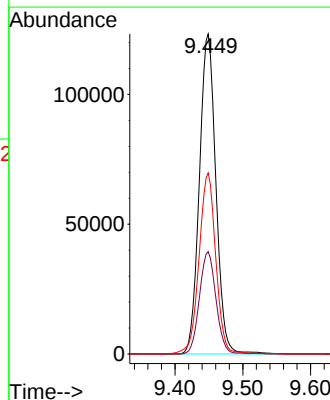
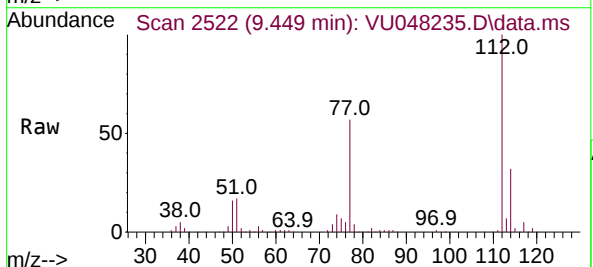
Tgt Ion: 112 Resp: 208514

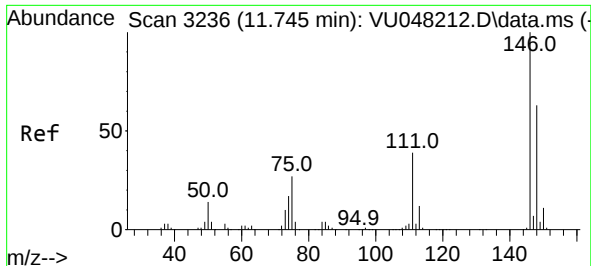
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

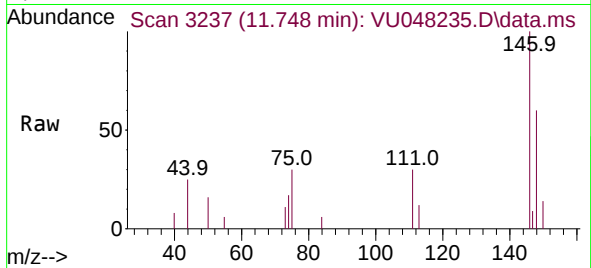
77 56.6 43.4 65.0



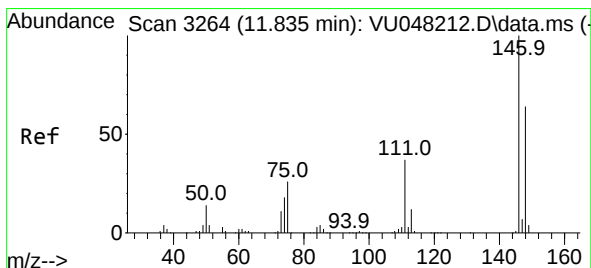
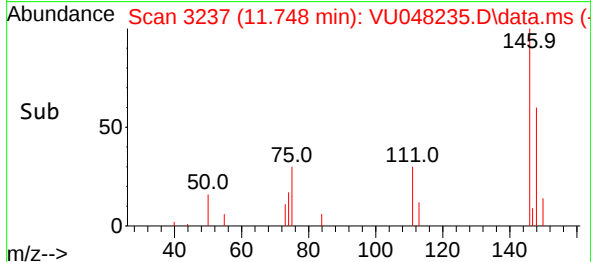
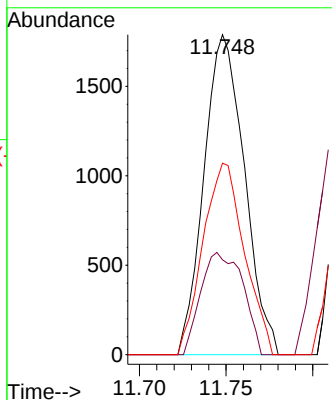


#64
1,3-Dichlorobenzene
Concen: 0.672 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Instrument :
MSVOA_U
ClientSampleId :

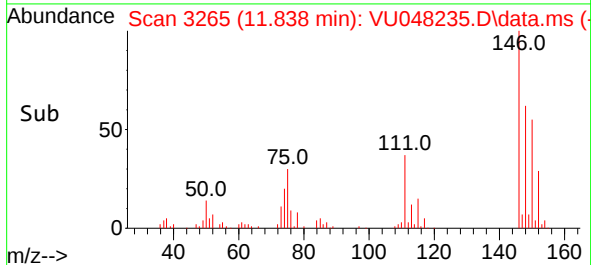
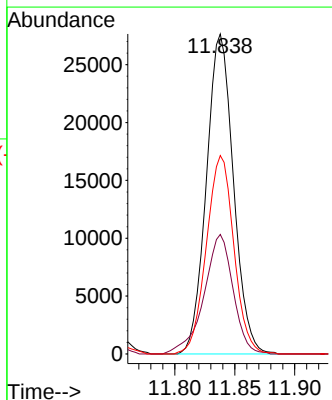
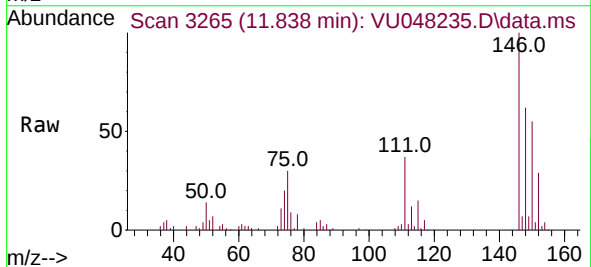


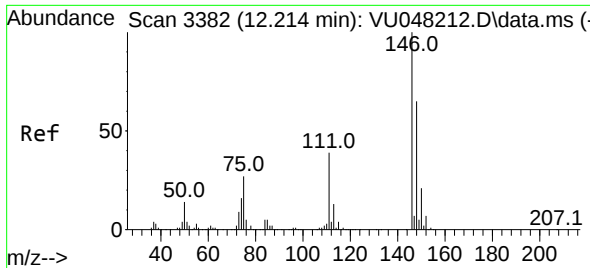
Tgt Ion:146 Resp: 2903
Ion Ratio Lower Upper
146 100
111 27.2 26.7 49.7
148 55.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 9.700 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion:146 Resp: 43404
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 62.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 8.275 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048235.D

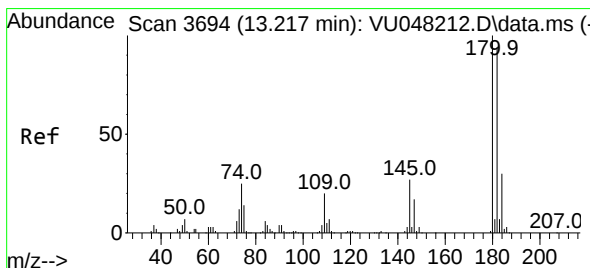
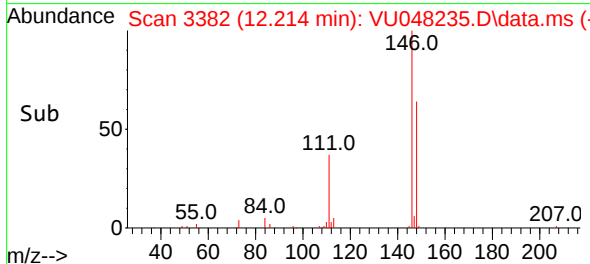
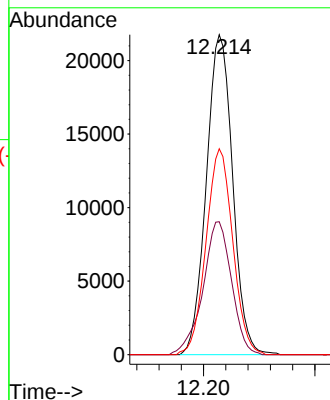
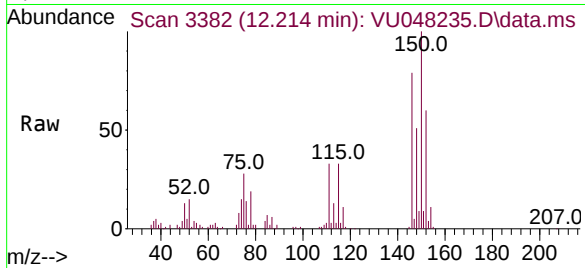
Acq: 22 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	35768
Ion Ratio	Lower	Upper
146	100	
111	41.5	31.7 47.5
148	64.3	51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.403 ug/L

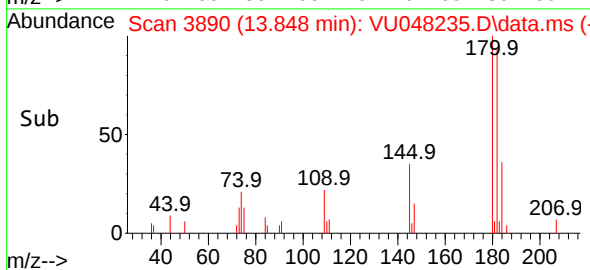
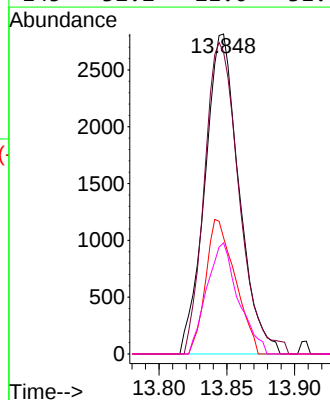
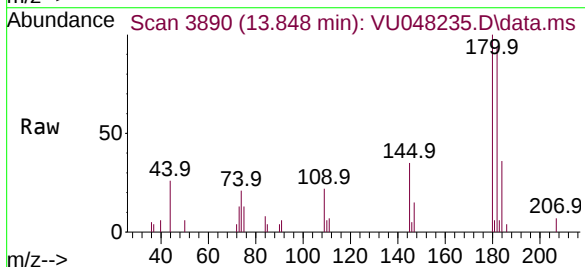
RT: 13.848 min Scan# 3890

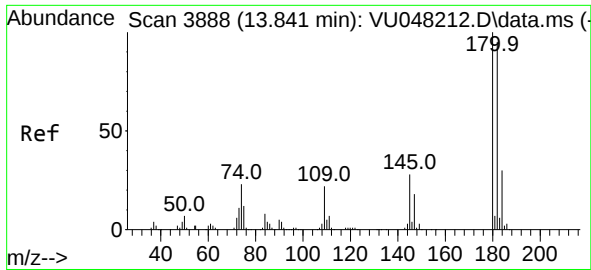
Delta R.T. 0.630 min

Lab File: VU048235.D

Acq: 22 Apr 2022 19:19

Tgt Ion:180	Resp:	4921
Ion Ratio	Lower	Upper
180	100	
182	98.1	77.0 115.6
184	36.3	24.5 36.7
145	32.2	21.0 31.6#





#70

1,2,4-trichlorobenzene

Concen: 1.601 ug/L

RT: 13.848 min Scan# 3888

Delta R.T. 0.006 min

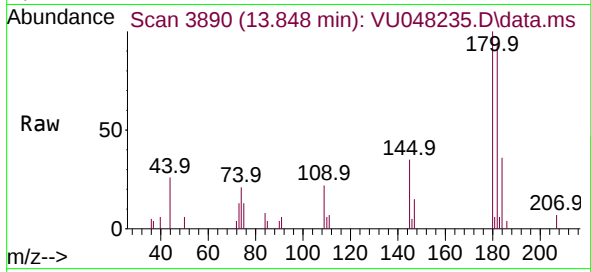
Lab File: VU048235.D

Acq: 22 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4921

Ion Ratio Lower Upper

180 100

182 98.1 76.2 114.2

145 32.2 21.8 32.8

