

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048232.D
 Acq On : 22 Apr 2022 18:08
 Operator : SY/MD
 Sample : N2486-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:04:18 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)

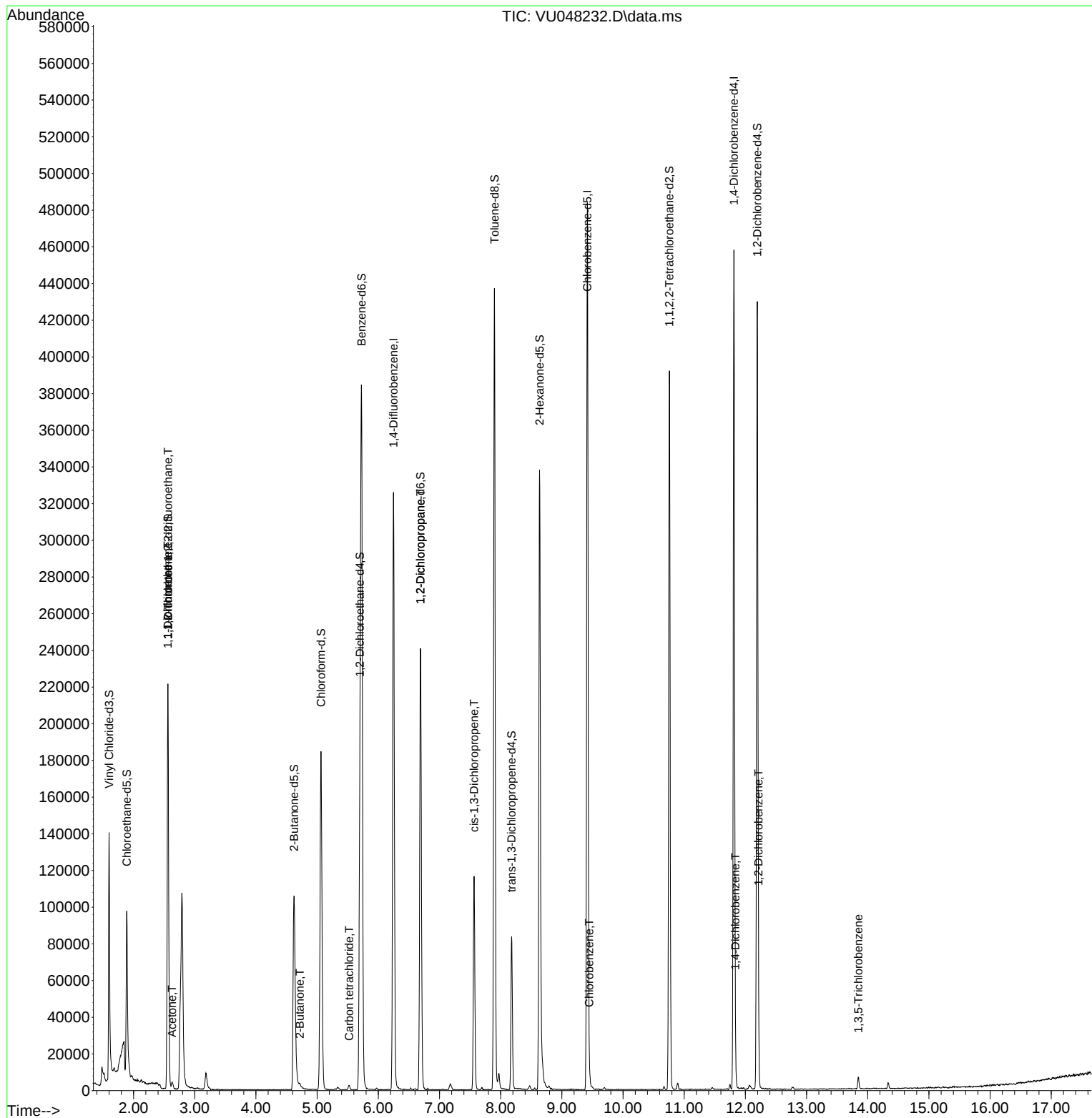
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	275764	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	282139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	128868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105903	52.958	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 105.920%		
7) Chloroethane-d5	1.890	69	81200	51.497	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	= 103.000%		
11) 1,1-Dichloroethene-d2	2.562	63	128140	35.023	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 70.040%		
21) 2-Butanone-d5	4.623	46	160411	93.457	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 93.460%		
24) Chloroform-d	5.063	84	173713	47.476	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 94.960%		
26) 1,2-Dichloroethane-d4	5.700	65	110600	49.284	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.560%		
32) Benzene-d6	5.726	84	362201	51.018	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 102.040%		
36) 1,2-Dichloropropane-d6	6.690	67	119411	54.768	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 109.540%		
41) Toluene-d8	7.899	98	298336	43.131	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 86.260%		
43) trans-1,3-Dichloroprop...	8.179	79	47119	42.658	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 85.320%		
47) 2-Hexanone-d5	8.636	63	115754	90.692	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 90.690%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196997	52.648	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 105.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	121107	52.823	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 105.640%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1082	0.532	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1148	0.607	ug/L #	1
13) Acetone	2.630	43	3684	2.306	ug/L	100
22) 2-Butanone	4.716	43	3294	1.601	ug/L	88
31) Carbon tetrachloride	5.523	117	1695	0.587	ug/L	97
37) 1,2-Dichloropropane	6.690	63	12090	5.824	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2462	0.764	ug/L #	61
51) Chlorobenzene	9.449	112	4130	0.679	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	3739	0.932	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	3237	0.836	ug/L	95
69) 1,3,5-Trichlorobenzene	13.844	180	2787	0.886	ug/L	94

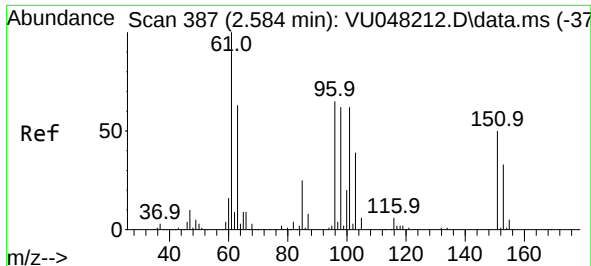
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048232.D
Acq On : 22 Apr 2022 18:08
Operator : SY/MD
Sample : N2486-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 22:04:18 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

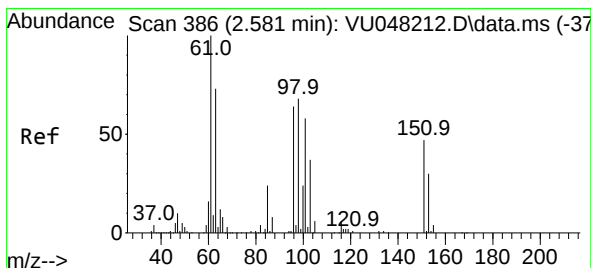
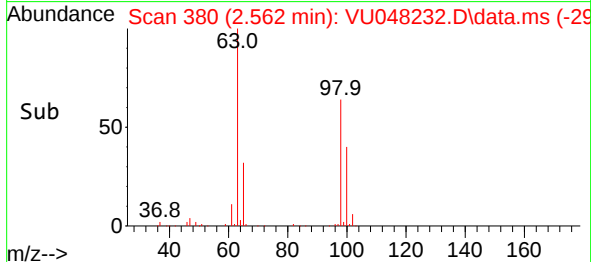
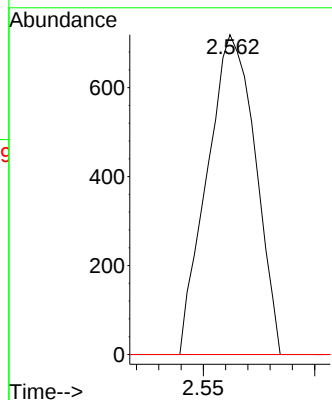
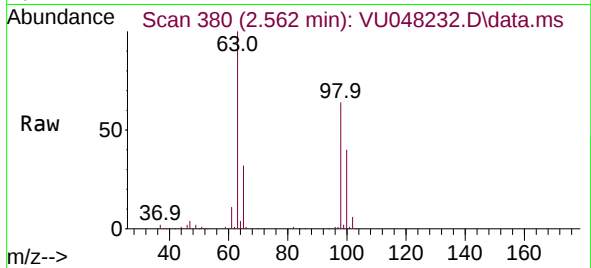




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.532 ug/L
RT: 2.562 min Scan# 310
Delta R.T. -0.022 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

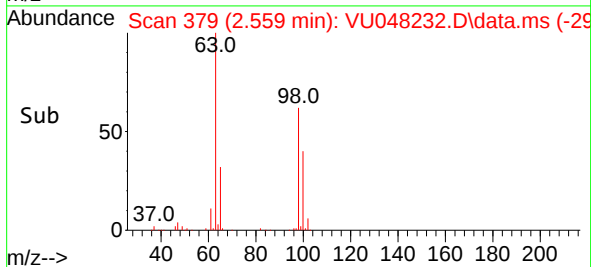
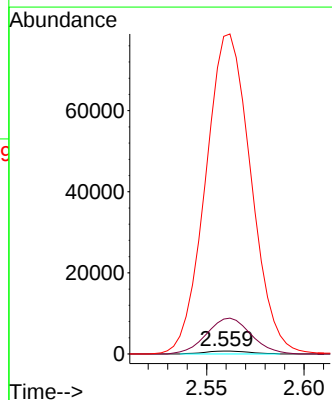
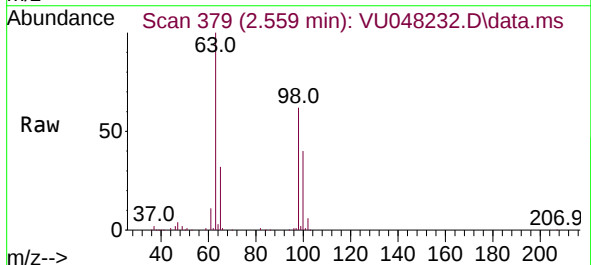
Instrument :
MSVOA_U
ClientSampleId :

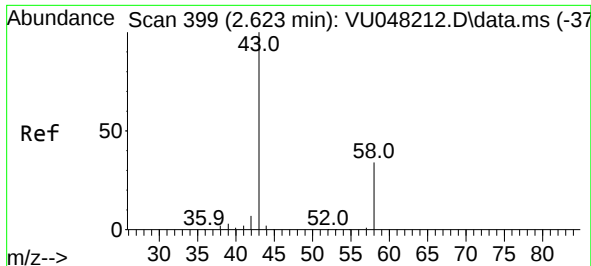
Tgt Ion:101 Resp: 1082
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.607 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.022 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

Tgt Ion: 96 Resp: 1148
Ion Ratio Lower Upper
96 100
61 1192.9 113.1 210.1#
63 10845.4 94.8 176.0#





#13

Acetone

Concen: 2.306 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048232.D

Acq: 22 Apr 2022 18:08

Instrument :

MSVOA_U

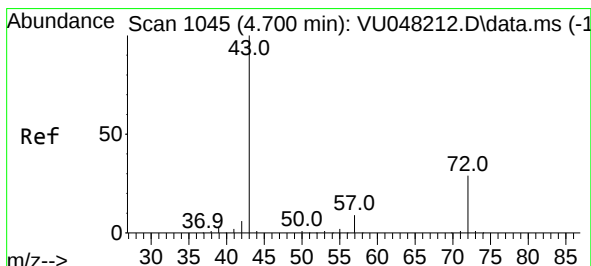
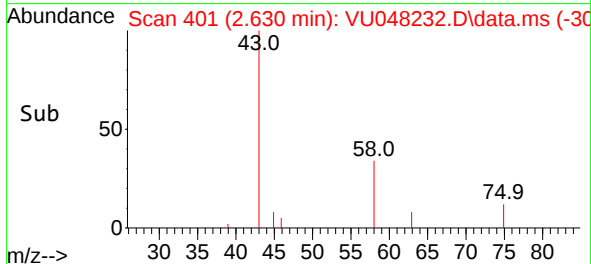
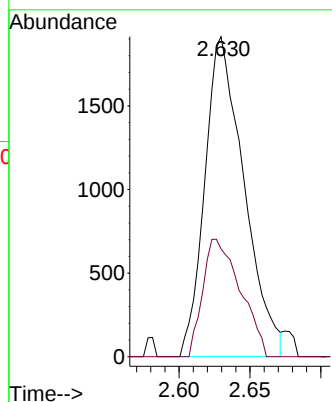
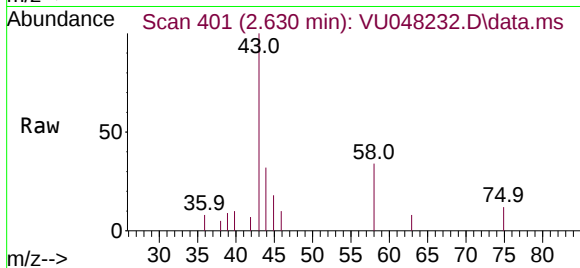
ClientSampleId :

Tgt Ion: 43 Resp: 3684

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.0



#22

2-Butanone

Concen: 1.601 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048232.D

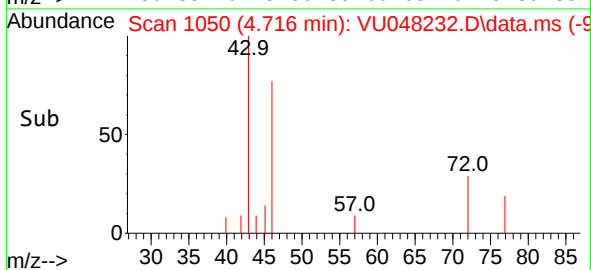
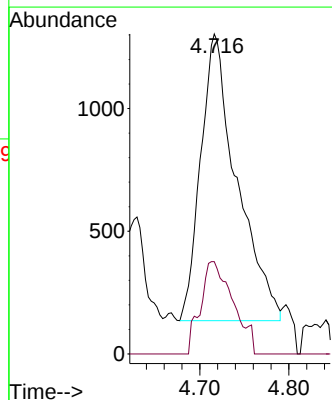
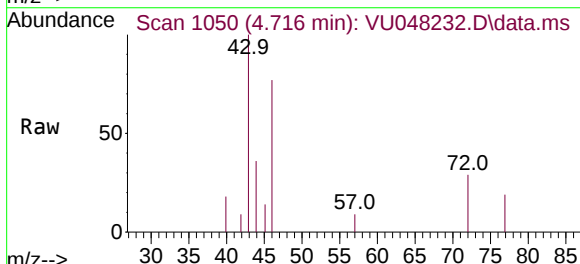
Acq: 22 Apr 2022 18:08

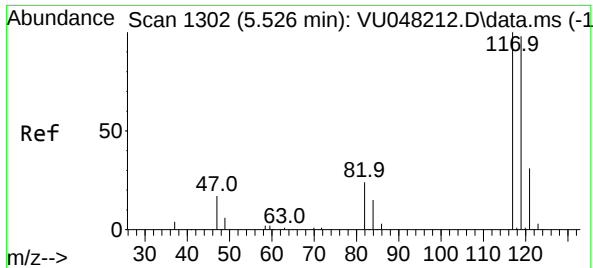
Tgt Ion: 43 Resp: 3294

Ion Ratio Lower Upper

43 100

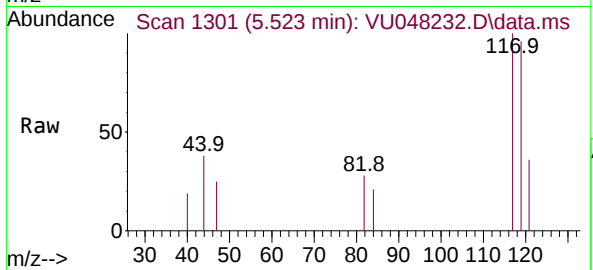
72 25.1 16.0 47.9



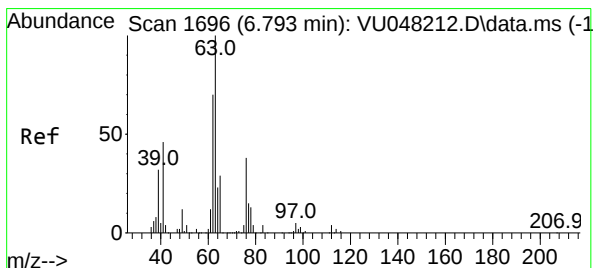
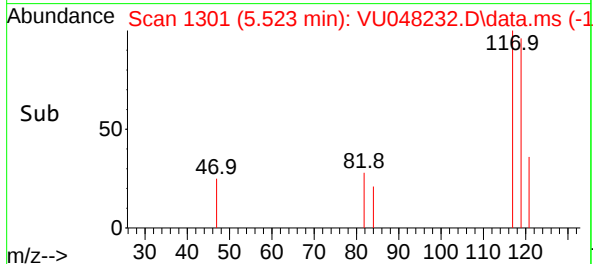
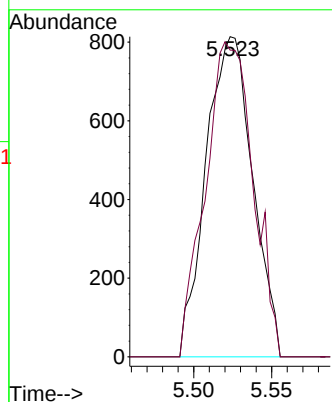


#31
Carbon tetrachloride
Concen: 0.587 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

Instrument :
MSVOA_U
ClientSampleId :

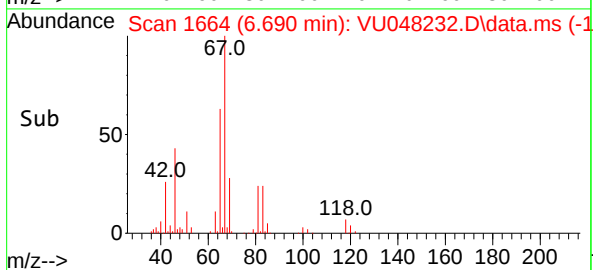
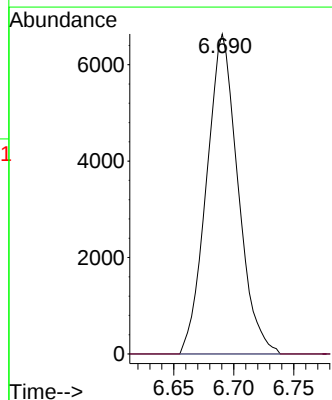
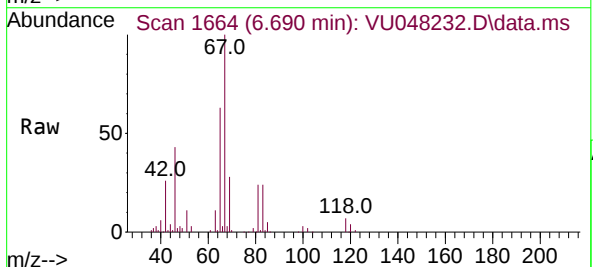


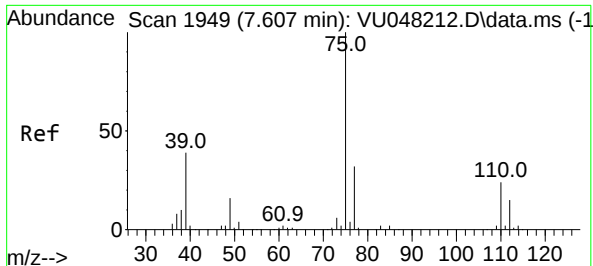
Tgt Ion:117 Resp: 1695
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8



#37
1,2-Dichloropropane
Concen: 5.824 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

Tgt Ion: 63 Resp: 12090
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

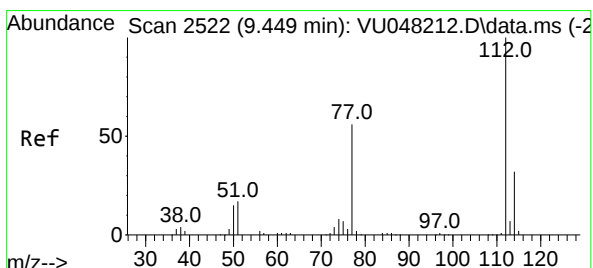
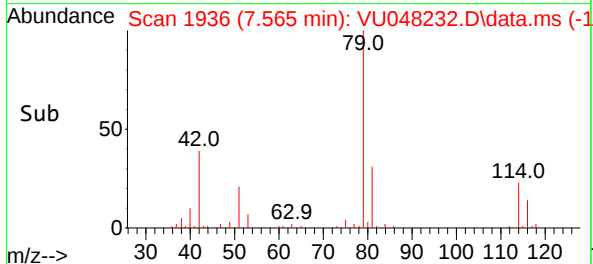
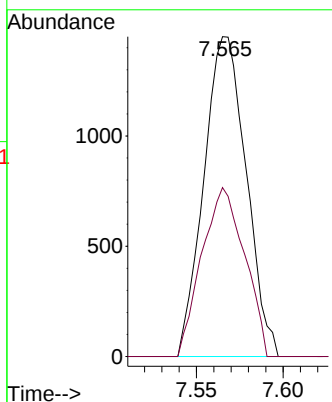
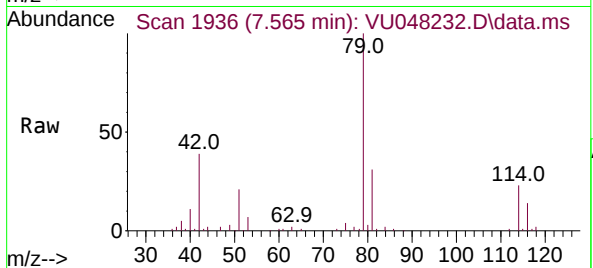




#39
cis-1,3-Dichloropropene
Concen: 0.764 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

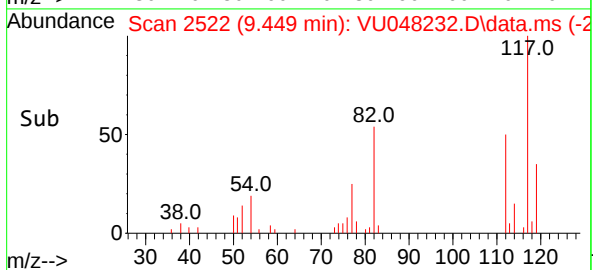
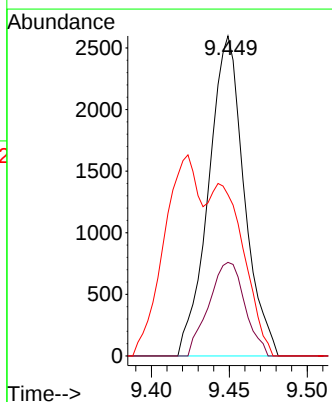
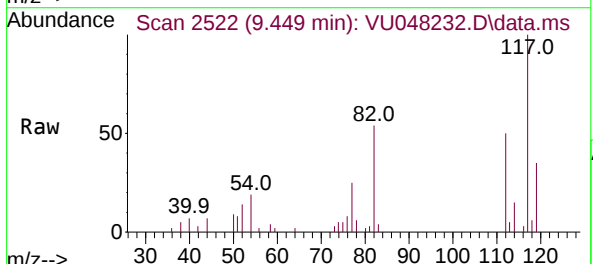
Instrument :
MSVOA_U
ClientSampleId :

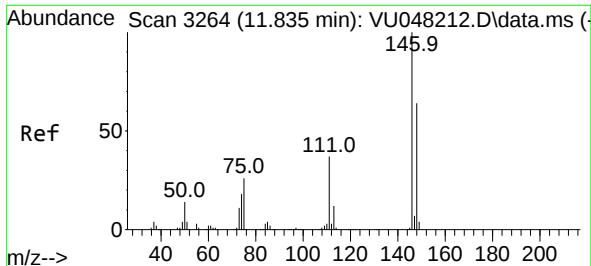
Tgt Ion: 75 Resp: 2462
Ion Ratio Lower Upper
75 100
77 52.8 21.8 40.6#



#51
Chlorobenzene
Concen: 0.679 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

Tgt Ion: 112 Resp: 4130
Ion Ratio Lower Upper
112 100
114 29.3 22.1 41.1
77 50.4 43.4 65.0

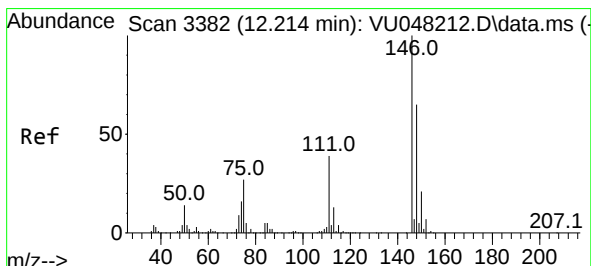
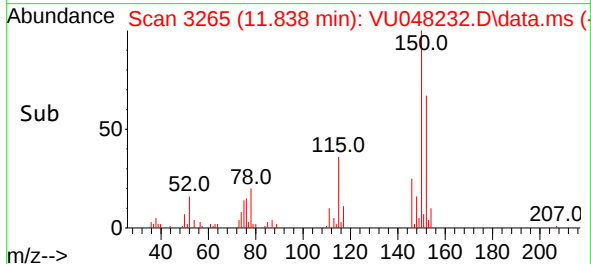
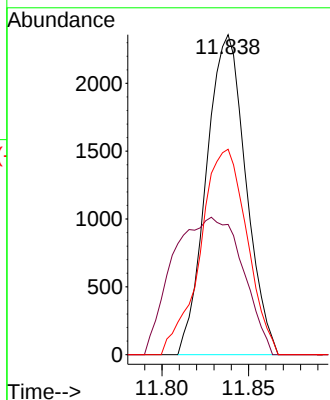
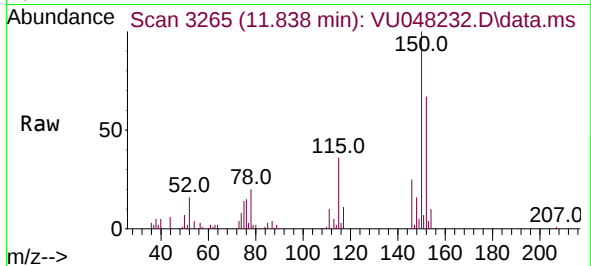




#65
1,4-Dichlorobenzene
Concen: 0.932 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

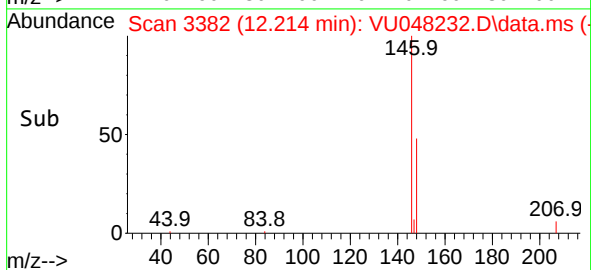
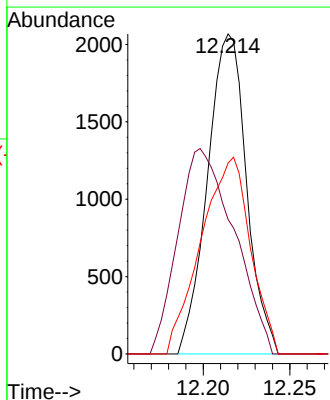
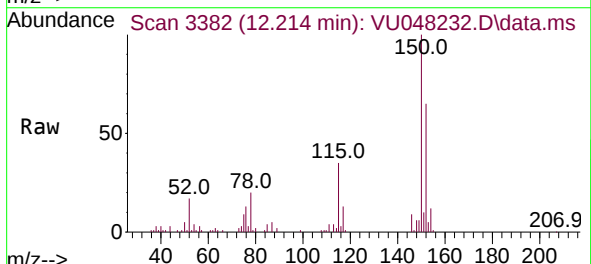
Instrument :
MSVOA_U
ClientSampleId :

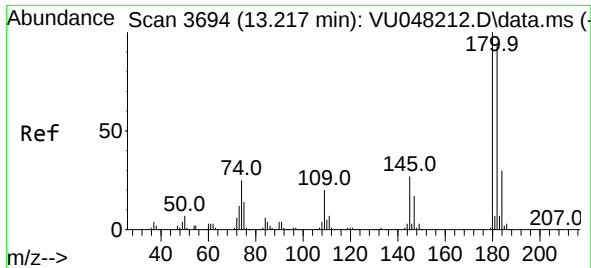
Tgt Ion:146 Resp: 3739
Ion Ratio Lower Upper
146 100
111 40.7 25.3 47.1
148 64.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.836 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048232.D
Acq: 22 Apr 2022 18:08

Tgt Ion:146 Resp: 3237
Ion Ratio Lower Upper
146 100
111 42.0 31.7 47.5
148 59.7 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 0.886 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.627 min

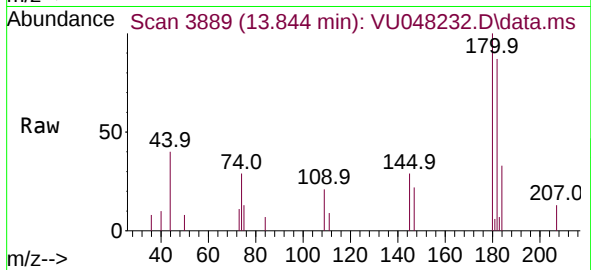
Lab File: VU048232.D

Acq: 22 Apr 2022 18:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2787

Ion Ratio Lower Upper

180 100

182 87.9 77.0 115.6

184 28.9 24.5 36.7

145 27.7 21.0 31.6

