

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047931.D
 Acq On : 12 Apr 2022 01:19
 Operator : SY/MD
 Sample : N2293-21ME
 Misc : 5.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

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

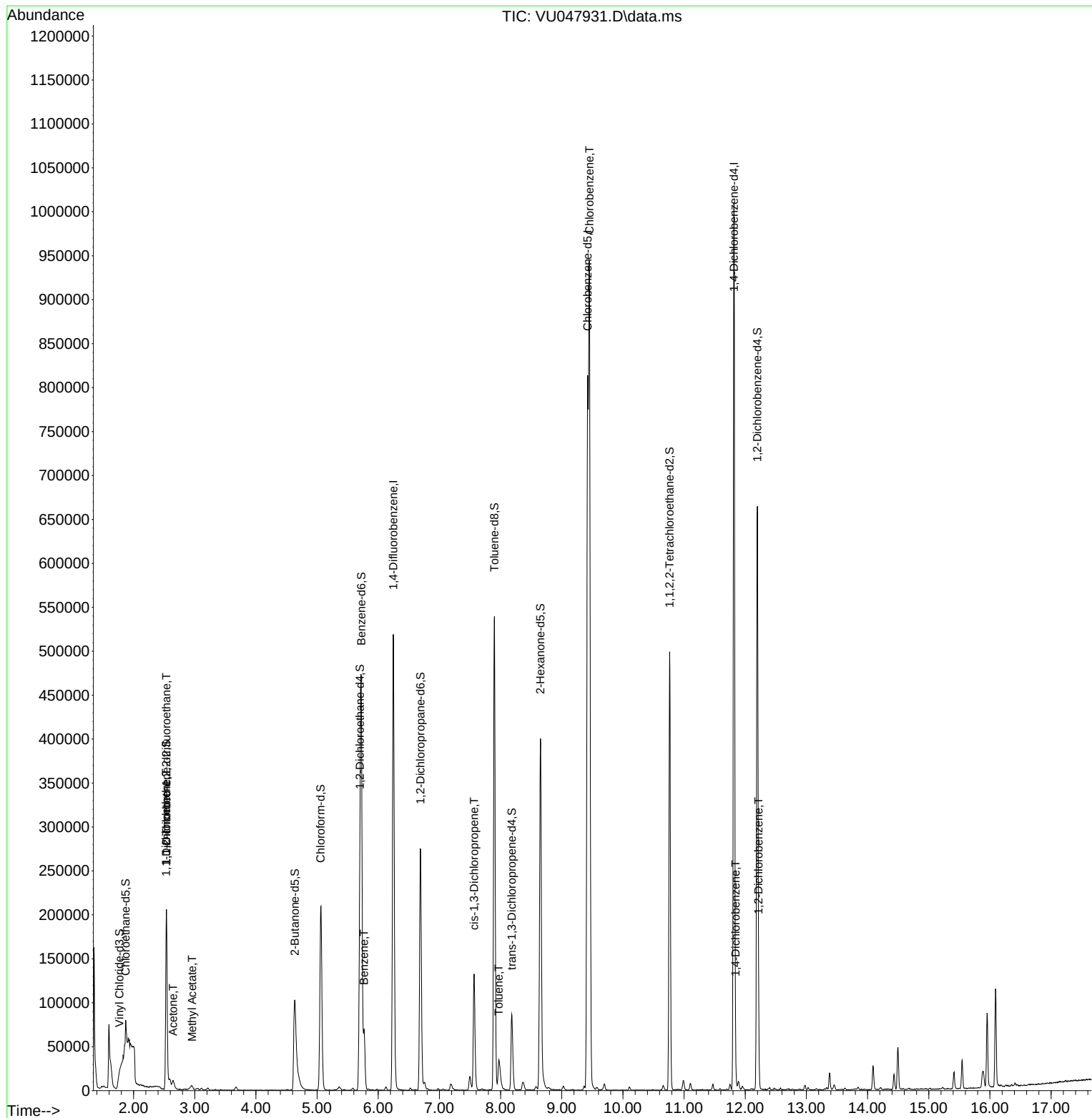
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	460939	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	497437	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	283425	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.768	65	239	0.072	ug/L	0.17
Spiked Amount 50.000	Range 60 - 135		Recovery =	0.140%#		
7) Chloroethane-d5	1.871	69	48202	18.289	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	36.580%#		
11) 1,1-Dichloroethene-d2	2.536	63	129194	21.126	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	42.260%#		
21) 2-Butanone-d5	4.636	46	204517	71.285	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	71.290%		
24) Chloroform-d	5.060	84	208183	34.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.080%#		
26) 1,2-Dichloroethane-d4	5.700	65	138981	37.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.100%		
32) Benzene-d6	5.723	84	418904	33.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	66.940%#		
36) 1,2-Dichloropropane-d6	6.690	67	138898	36.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	72.260%		
41) Toluene-d8	7.899	98	380076	31.166	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	62.340%#		
43) trans-1,3-Dichloroprop...	8.182	79	57842	29.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.400%#		
47) 2-Hexanone-d5	8.652	63	165422	73.511	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.510%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	240175	36.406	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	72.820%		
66) 1,2-Dichlorobenzene-d4	12.198	152	183075	36.307	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.620%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	1187	0.349	ug/L #	18
12) 1,1-Dichloroethene	2.533	96	1105	0.349	ug/L #	1
13) Acetone	2.646	43	11307	4.235	ug/L	92
15) Methyl Acetate	2.957	43	3768	0.885	ug/L	92
33) Benzene	5.768	78	63782	4.430	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	3508	0.618	ug/L #	60
42) Toluene	7.970	91	22329	1.413	ug/L	98
51) Chlorobenzene	9.452	112	541251	50.457	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	7533	0.854	ug/L	90
67) 1,2-Dichlorobenzene	12.217	146	12329	1.447	ug/L	96

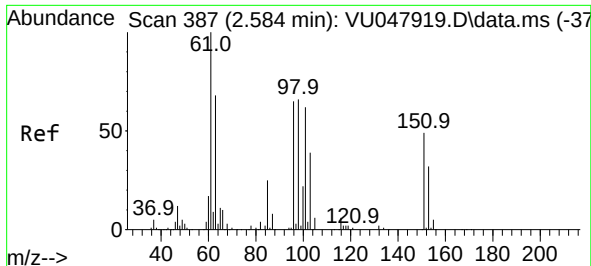
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047931.D
Acq On : 12 Apr 2022 01:19
Operator : SY/MD
Sample : N2293-21ME
Misc : 5.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 12 05:07:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 12 04:48:51 2022
Response via : Initial Calibration

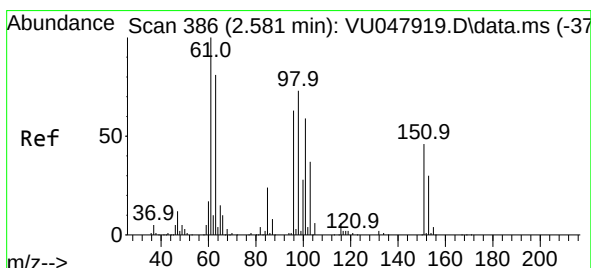
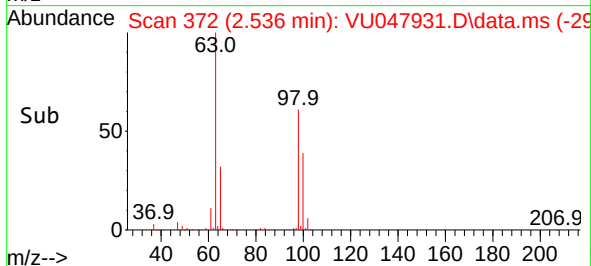
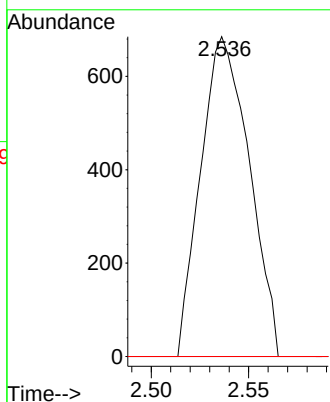
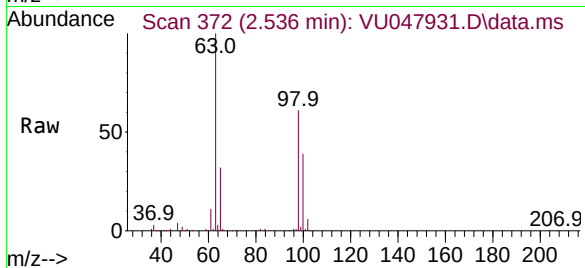




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.349 ug/L
 RT: 2.536 min Scan# 31
 Delta R.T. -0.048 min
 Lab File: VU047931.D
 Acq: 12 Apr 2022 01:19

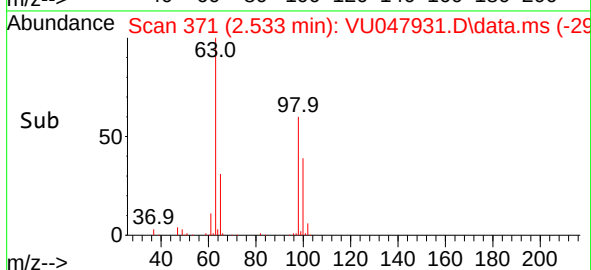
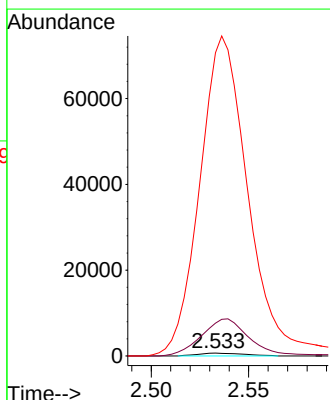
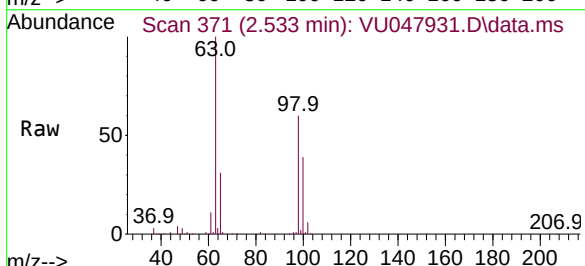
Instrument :
 MSVOA_U
 ClientSampleId :

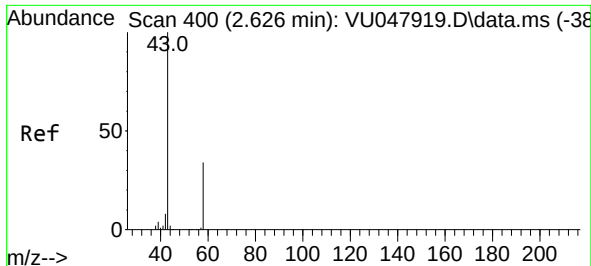
Tgt Ion:101 Resp: 1187
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.349 ug/L
 RT: 2.533 min Scan# 371
 Delta R.T. -0.048 min
 Lab File: VU047931.D
 Acq: 12 Apr 2022 01:19

Tgt Ion: 96 Resp: 1105
 Ion Ratio Lower Upper
 96 100
 61 1165.1 113.1 210.1#
 63 10774.4 94.8 176.0#





#13

Acetone

Concen: 4.235 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.019 min

Lab File: VU047931.D

Acq: 12 Apr 2022 01:19

Instrument :

MSVOA_U

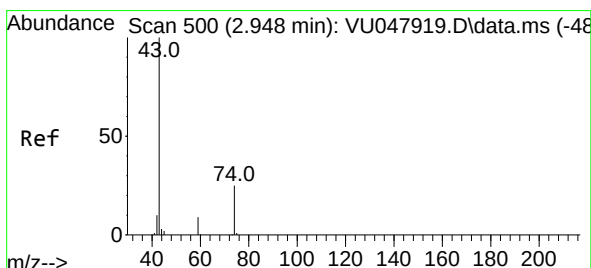
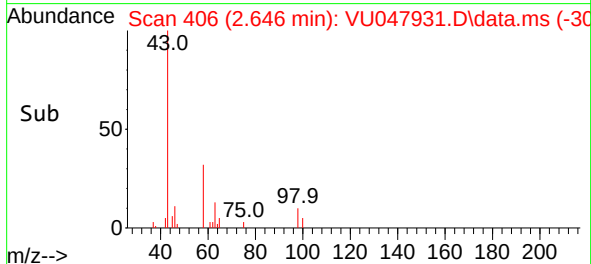
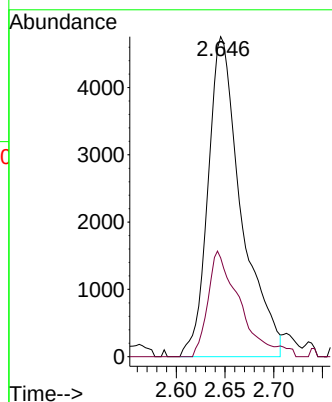
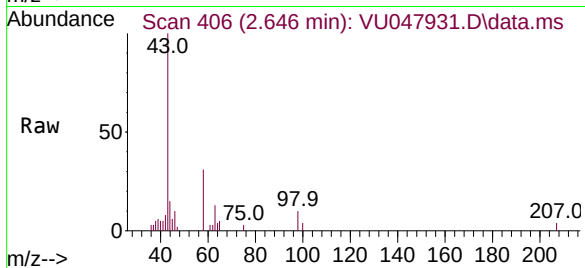
ClientSampleId :

Tgt Ion: 43 Resp: 11307

Ion Ratio Lower Upper

43 100

58 30.5 0.0 70.0



#15

Methyl Acetate

Concen: 0.885 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.010 min

Lab File: VU047931.D

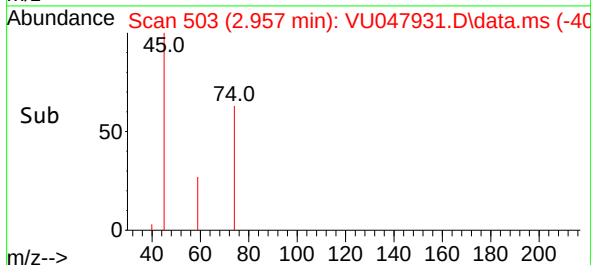
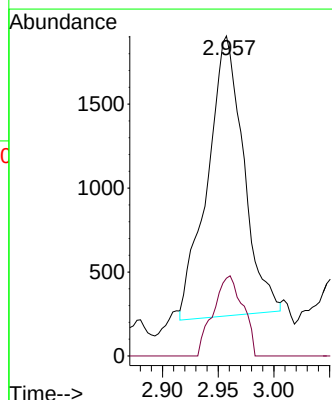
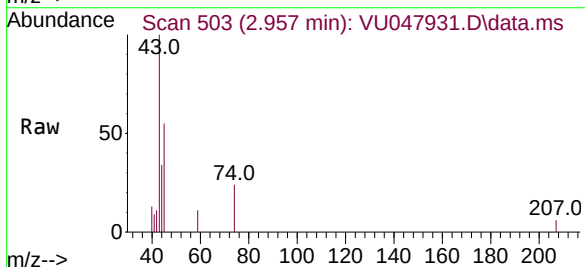
Acq: 12 Apr 2022 01:19

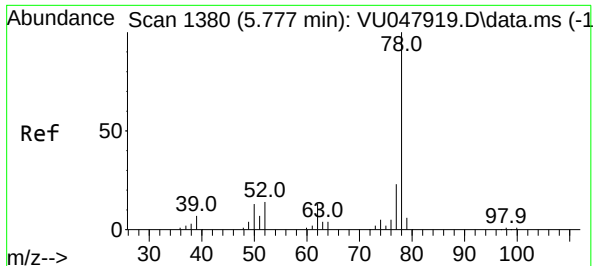
Tgt Ion: 43 Resp: 3768

Ion Ratio Lower Upper

43 100

74 23.4 22.2 33.2

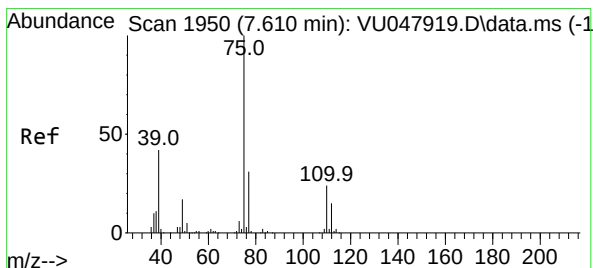
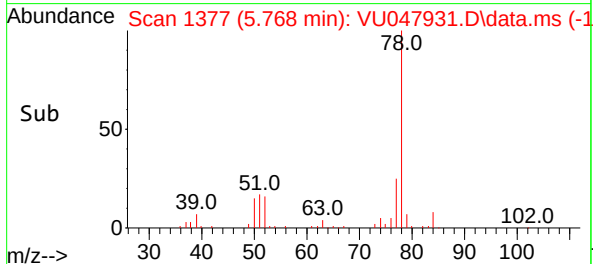
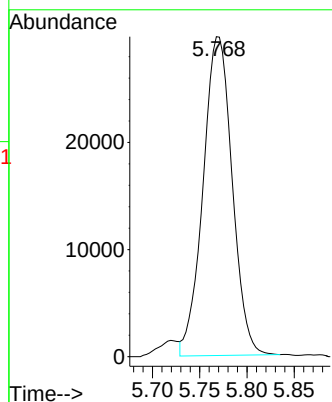
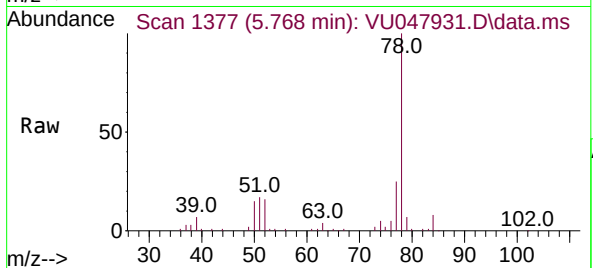




#33
Benzene
Concen: 4.430 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047931.D
Acq: 12 Apr 2022 01:19

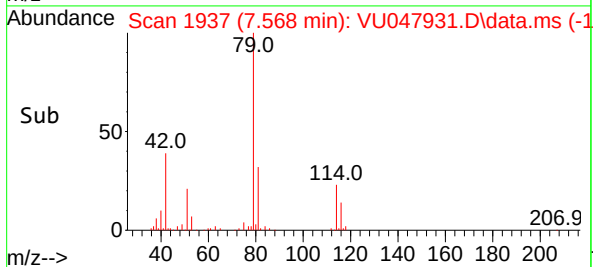
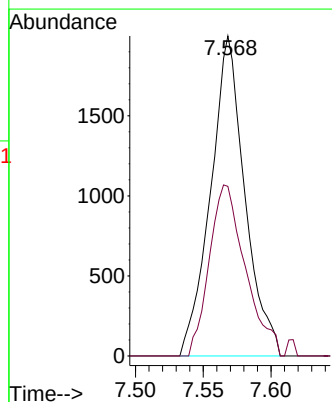
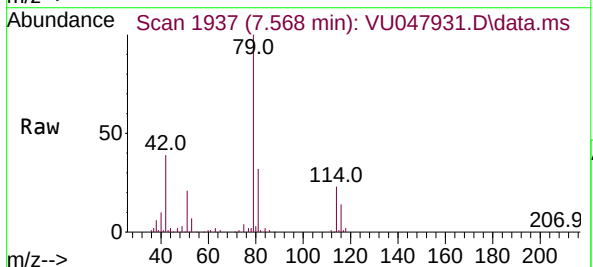
Instrument :
MSVOA_U
ClientSampleId :

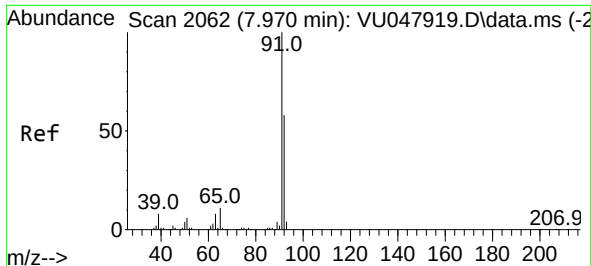
Tgt Ion: 78 Resp: 63782



#39
cis-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU047931.D
Acq: 12 Apr 2022 01:19

Tgt Ion: 75 Resp: 3508
Ion Ratio Lower Upper
75 100
77 53.0 21.8 40.6#





#42

Toluene

Concen: 1.413 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047931.D

Acq: 12 Apr 2022 01:19

Instrument :

MSVOA_U

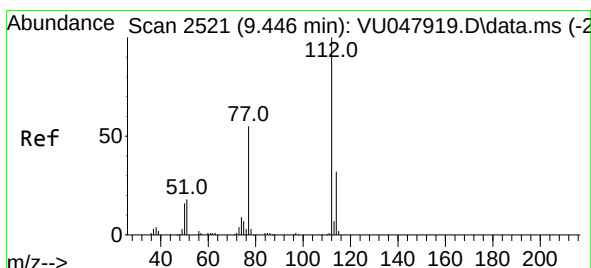
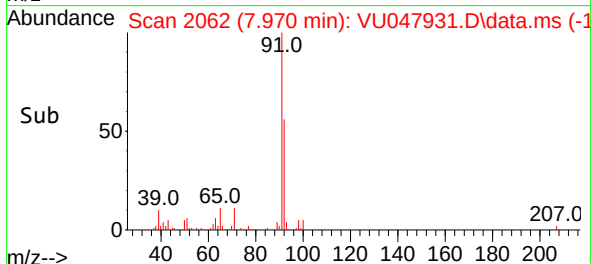
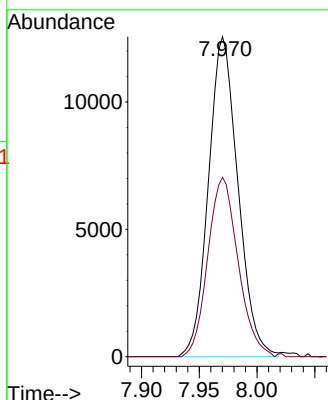
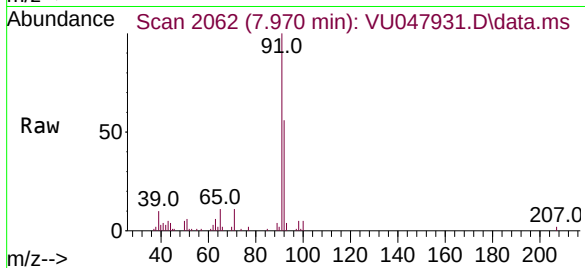
ClientSampleId :

Tgt Ion: 91 Resp: 22329

Ion Ratio Lower Upper

91 100

92 56.1 40.4 75.0



#51

Chlorobenzene

Concen: 50.457 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.006 min

Lab File: VU047931.D

Acq: 12 Apr 2022 01:19

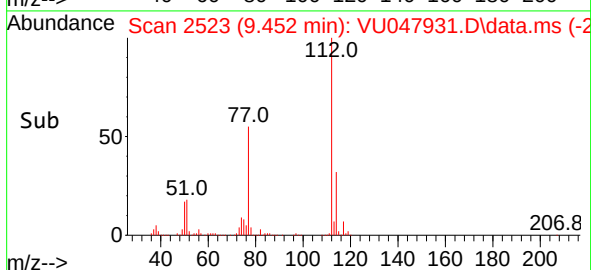
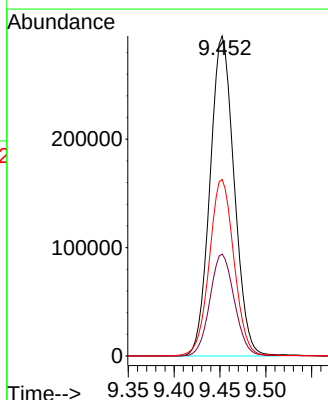
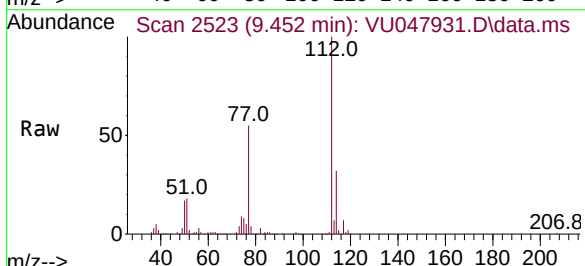
Tgt Ion: 112 Resp: 541251

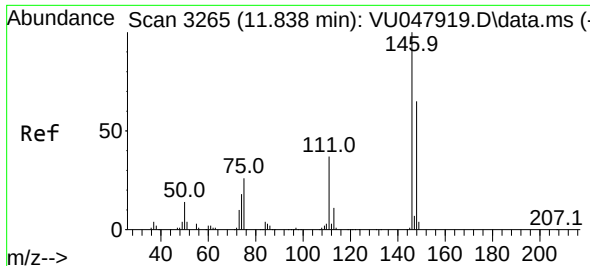
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 55.2 43.4 65.0

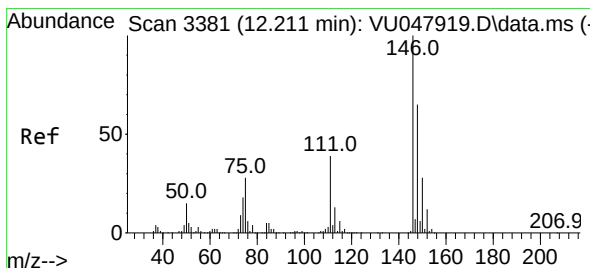
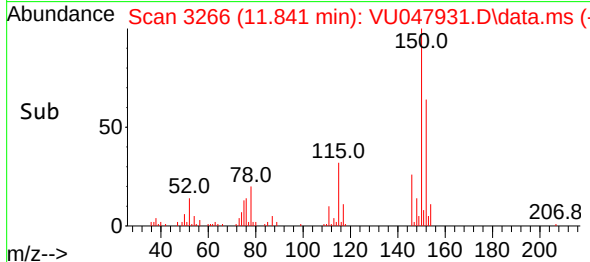
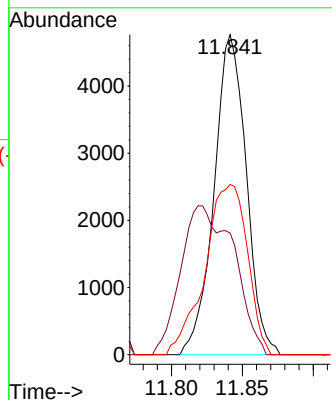
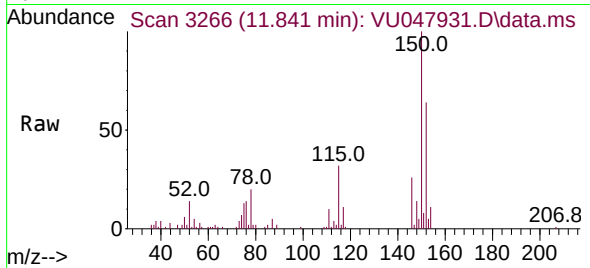




#65
1,4-Dichlorobenzene
Concen: 0.854 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047931.D
Acq: 12 Apr 2022 01:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 7533
Ion Ratio Lower Upper
146 100
111 38.0 25.3 47.1
148 53.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.447 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU047931.D
Acq: 12 Apr 2022 01:19

Tgt Ion:146 Resp: 12329
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 69.2 51.4 77.2

