

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050837.D
 Acq On : 20 Sep 2022 17:36
 Operator : JC/MD
 Sample : N4651-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ21

Quant Time: Sep 21 02:25:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

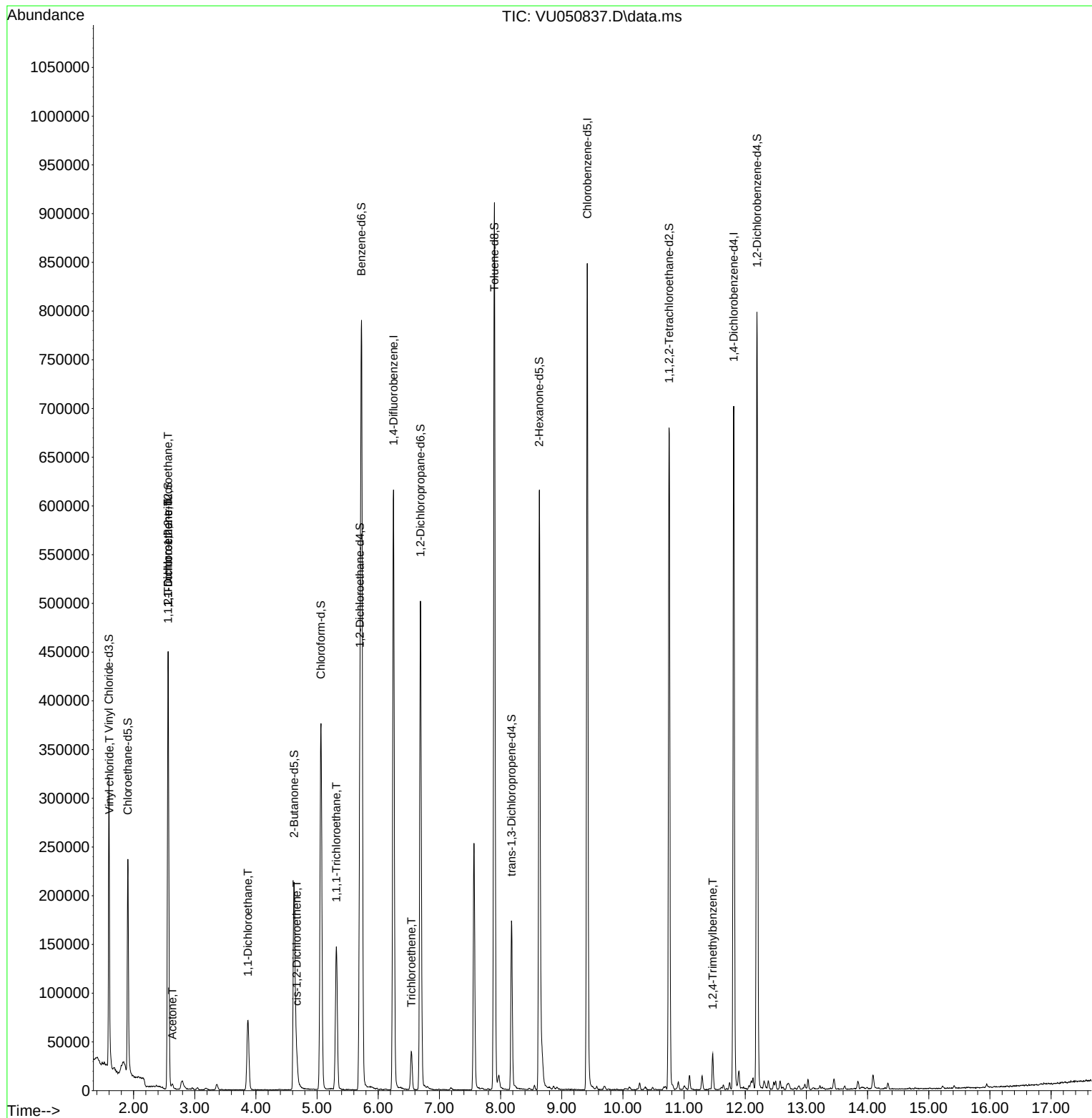
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	477551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	461481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181233	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	219246	44.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.620%		
7) Chloroethane-d5	1.906	69	169020	47.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.940%		
11) 1,1-Dichloroethene-d2	2.565	63	263133	34.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.360%		
21) 2-Butanone-d5	4.623	46	315819	98.871	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.870%		
24) Chloroform-d	5.063	84	355016	45.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.580%		
26) 1,2-Dichloroethane-d4	5.700	65	228104	47.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.480%		
32) Benzene-d6	5.726	84	731382	48.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	6.690	67	247561	48.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.500%		
41) Toluene-d8	7.899	98	593801	44.691	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.380%		
43) trans-1,3-Dichloroprop...	8.179	79	101645	45.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.080%		
47) 2-Hexanone-d5	8.632	63	203583	96.285	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.280%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	351678	44.958	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.920%		
66) 1,2-Dichlorobenzene-d4	12.192	152	195831	51.608	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.220%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	8929	1.587	ug/L #	68
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2404	0.615	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	2189	0.596	ug/L #	1
13) Acetone	2.636	43	6577	2.432	ug/L	93
19) 1,1-Dichloroethane	3.867	63	84425	11.104	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	9112	2.184	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	107977	17.587	ug/L	97
34) Trichloroethene	6.542	95	13574	3.441	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	18895	1.792	ug/L	98

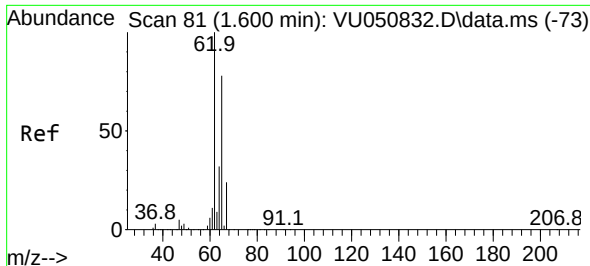
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050837.D
Acq On : 20 Sep 2022 17:36
Operator : JC/MD
Sample : N4651-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ21

Quant Time: Sep 21 02:25:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 02:18:13 2022
Response via : Initial Calibration

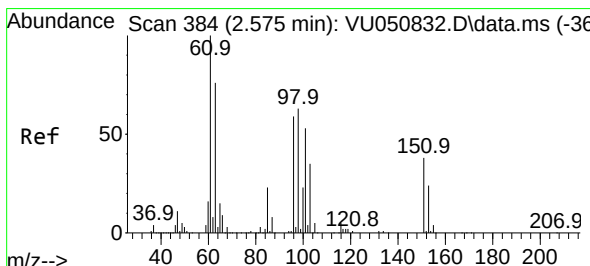
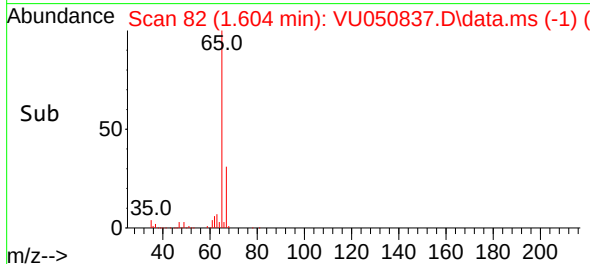
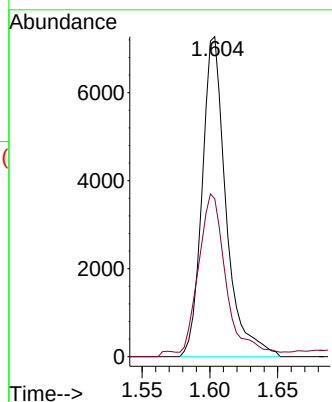
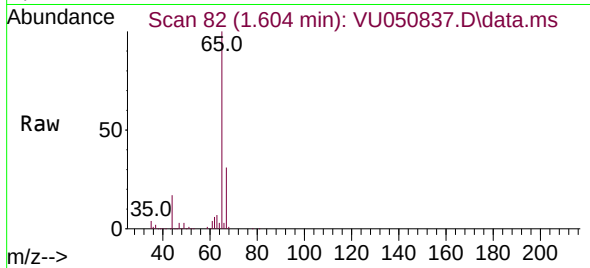




#5
 Vinyl chloride
 Concen: 1.587 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050837.D
 Acq: 20 Sep 2022 17:36

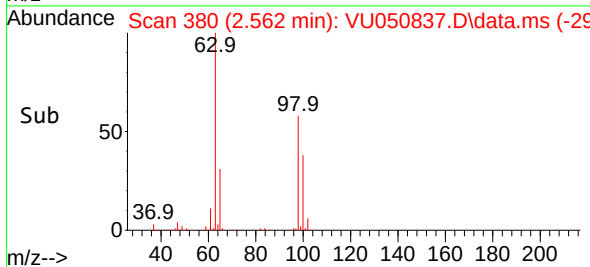
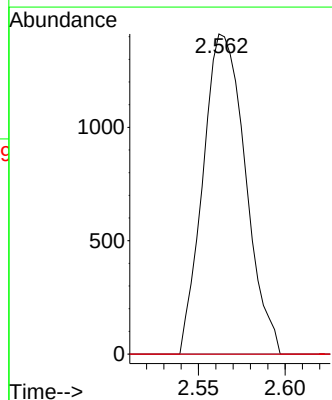
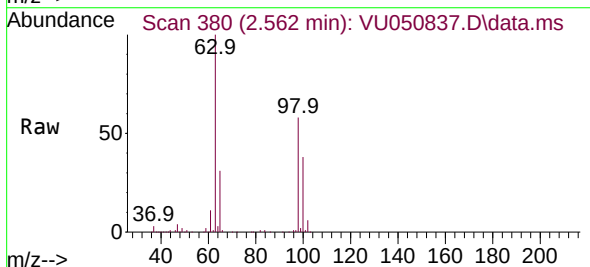
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ21

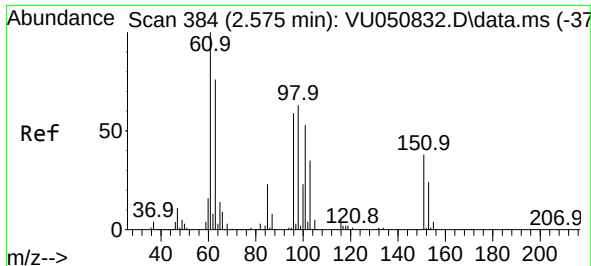
Tgt Ion: 62 Resp: 8929
 Ion Ratio Lower Upper
 62 100
 64 49.4 22.2 41.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.615 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU050837.D
 Acq: 20 Sep 2022 17:36

Tgt Ion: 101 Resp: 2404
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#





#12

1,1-Dichloroethene

Concen: 0.596 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.010 min

Lab File: VU050837.D

Acq: 20 Sep 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

EXZ21

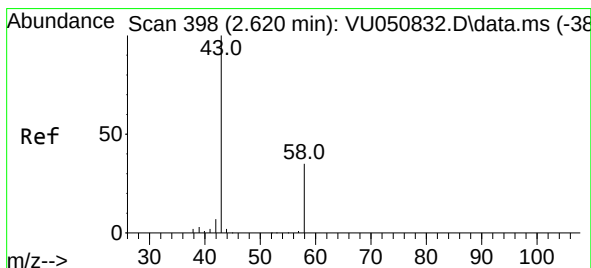
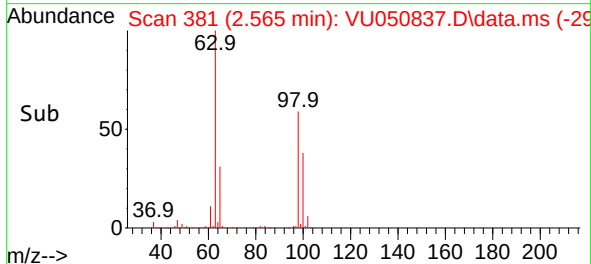
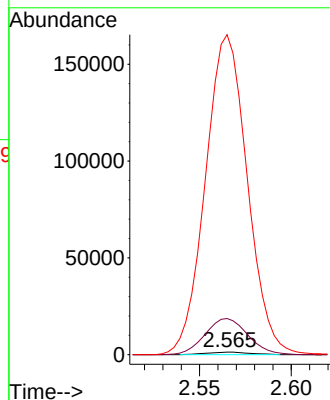
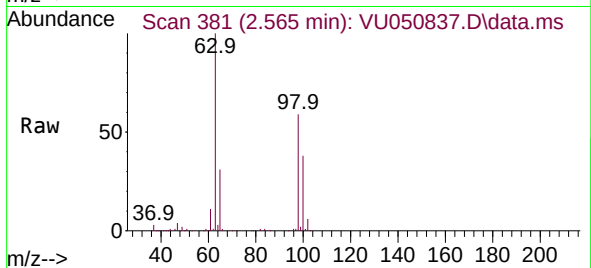
Tgt Ion: 96 Resp: 2189

Ion Ratio Lower Upper

96 100

61 1386.2 118.6 220.2#

63 12272.6 90.4 168.0#



#13

Acetone

Concen: 2.432 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.016 min

Lab File: VU050837.D

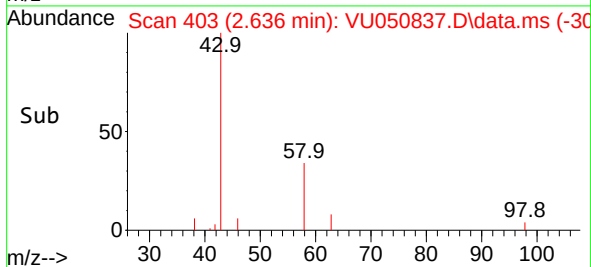
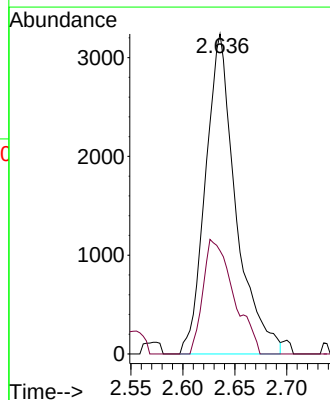
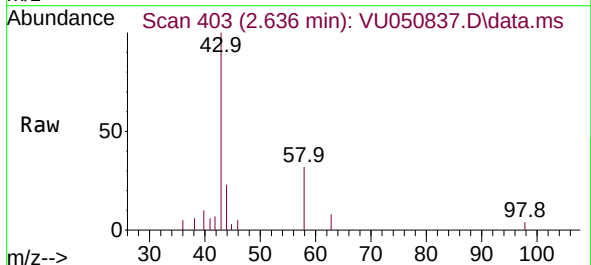
Acq: 20 Sep 2022 17:36

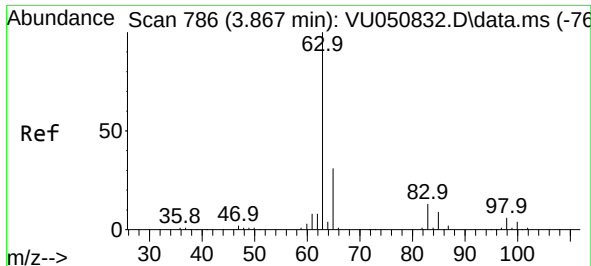
Tgt Ion: 43 Resp: 6577

Ion Ratio Lower Upper

43 100

58 31.8 0.0 71.4

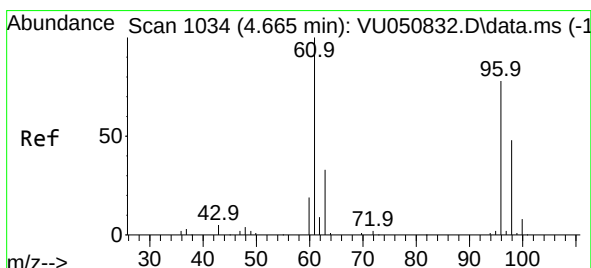
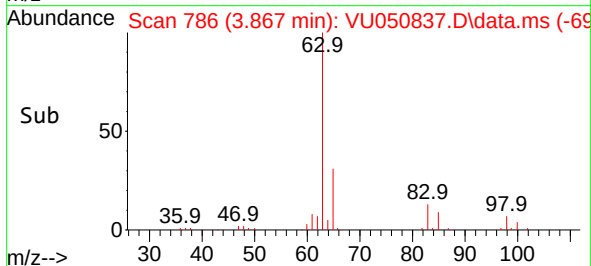
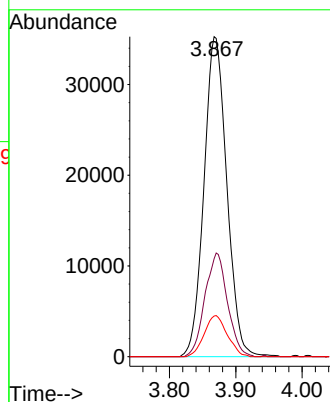
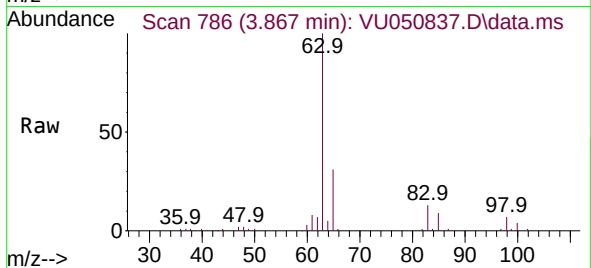




#19
1,1-Dichloroethane
Concen: 11.104 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050837.D
Acq: 20 Sep 2022 17:36

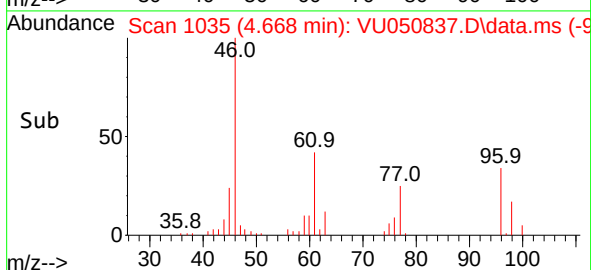
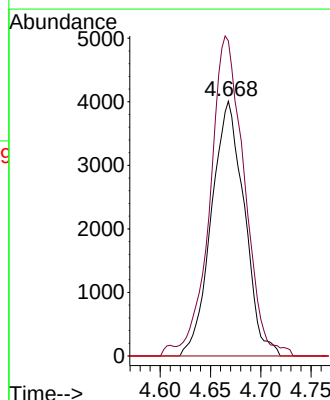
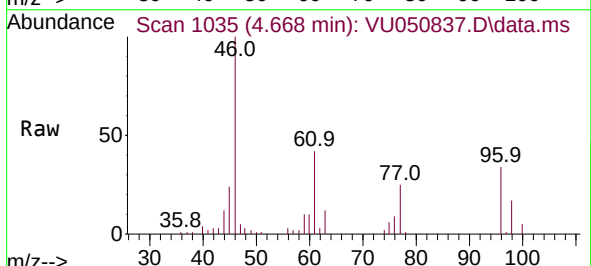
Instrument :
MSVOA_U
ClientSampleId :
EXZ21

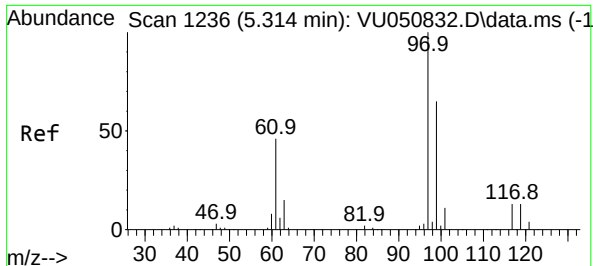
Tgt Ion: 63 Resp: 84425
Ion Ratio Lower Upper
63 100
65 31.4 21.5 39.9
83 12.7 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 2.184 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050837.D
Acq: 20 Sep 2022 17:36

Tgt Ion: 96 Resp: 9112
Ion Ratio Lower Upper
96 100
61 123.7 90.1 167.3
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 17.587 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050837.D

Acq: 20 Sep 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

EXZ21

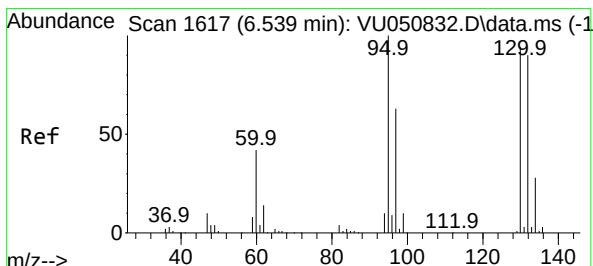
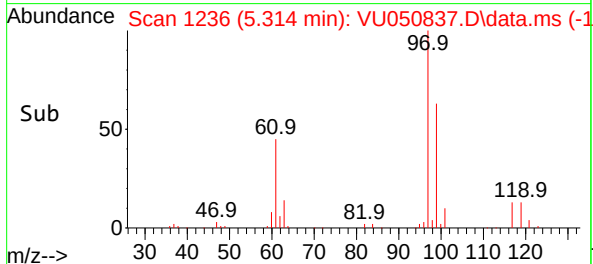
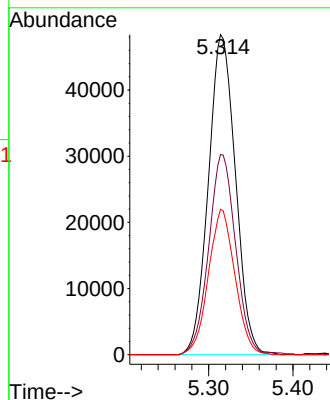
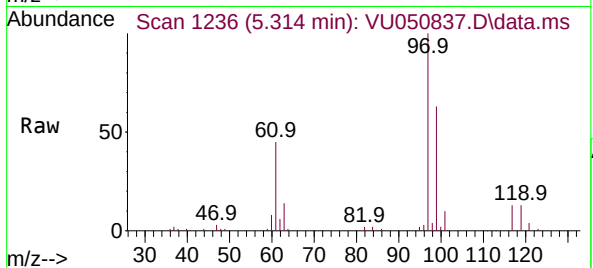
Tgt Ion: 97 Resp: 107977

Ion Ratio Lower Upper

97 100

99 62.2 52.2 78.2

61 44.5 37.1 55.7



#34

Trichloroethene

Concen: 3.441 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU050837.D

Acq: 20 Sep 2022 17:36

Tgt Ion: 95 Resp: 13574

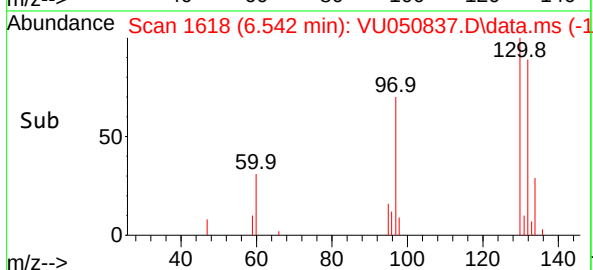
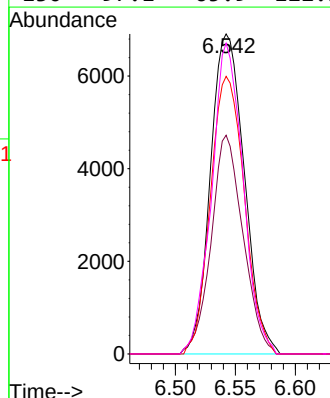
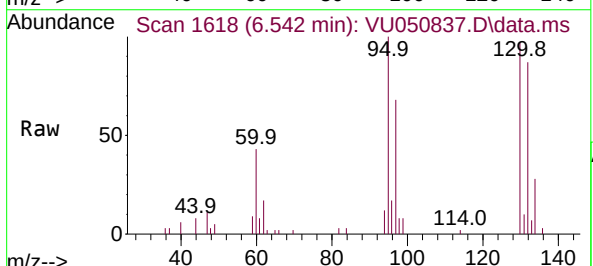
Ion Ratio Lower Upper

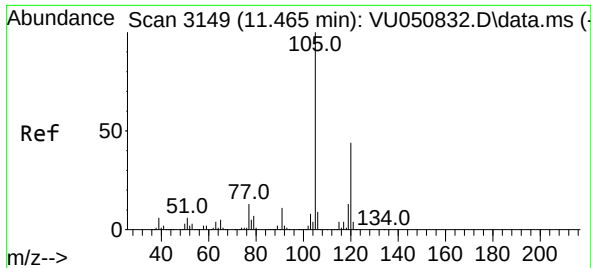
95 100

97 68.4 43.9 81.5

132 86.7 63.1 117.1

130 97.1 65.9 122.3





#63
 1,2,4-Trimethylbenzene
 Concen: 1.792 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050837.D
 Acq: 20 Sep 2022 17:36

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ21

Tgt Ion:105 Resp: 18895
 Ion Ratio Lower Upper
 105 100
 120 42.3 34.9 52.3

