

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050930.D
 Acq On : 23 Sep 2022 19:28
 Operator : JC/MD
 Sample : N4747-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

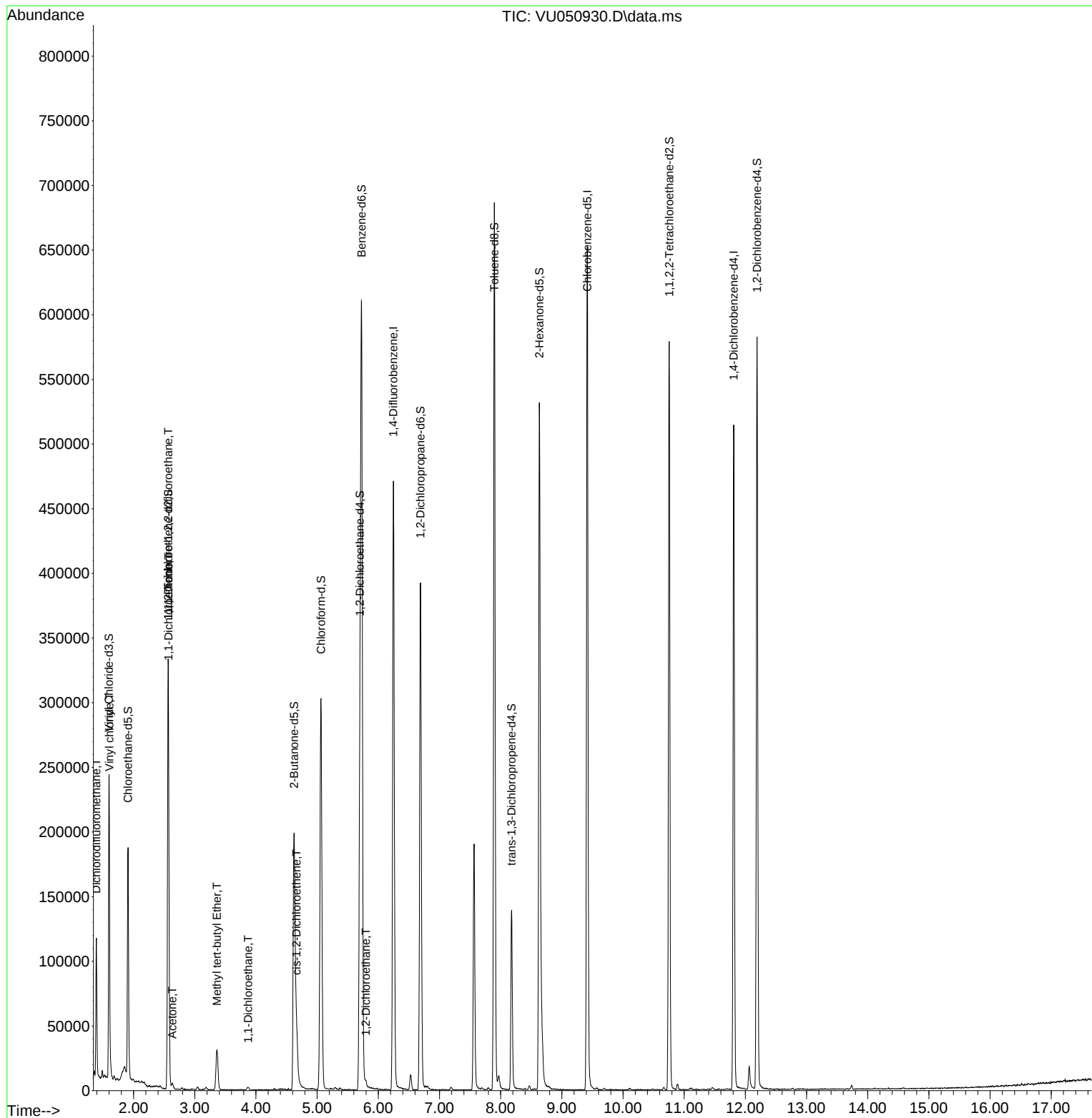
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	373578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365089	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	130721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153114	39.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.120%		
7) Chloroethane-d5	1.909	69	129843	47.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.200%		
11) 1,1-Dichloroethene-d2	2.565	63	196043	32.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.100%		
21) 2-Butanone-d5	4.623	46	294219	117.744	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.740%		
24) Chloroform-d	5.064	84	285131	47.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.020%		
26) 1,2-Dichloroethane-d4	5.700	65	187120	50.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.120%		
32) Benzene-d6	5.726	84	560171	46.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.160%		
36) 1,2-Dichloropropane-d6	6.691	67	196962	48.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.040%		
41) Toluene-d8	7.896	98	451244	42.928	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.860%		
43) trans-1,3-Dichloroprop...	8.179	79	78771	44.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.220%		
47) 2-Hexanone-d5	8.633	63	157998	94.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.450%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	296375	47.891	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.780%		
66) 1,2-Dichlorobenzene-d4	12.192	152	150807	55.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	1887	0.488	ug/L	98
5) Vinyl chloride	1.604	62	25042	5.688	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1837	0.601	ug/L #	28
12) 1,1-Dichloroethene	2.572	96	1860	0.648	ug/L #	1
13) Acetone	2.636	43	4618	2.183	ug/L	90
18) Methyl tert-butyl Ether	3.363	73	29921	3.334	ug/L	96
19) 1,1-Dichloroethane	3.874	63	2995	0.504	ug/L #	91
20) cis-1,2-Dichloroethene	4.665	96	14413	4.416	ug/L	96
27) 1,2-Dichloroethane	5.797	62	2833	0.629	ug/L	98

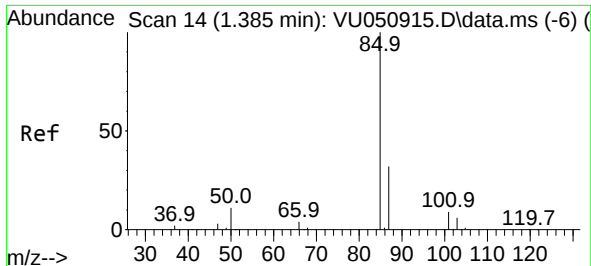
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
Data File : VU050930.D
Acq On : 23 Sep 2022 19:28
Operator : JC/MD
Sample : N4747-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 24 00:26:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

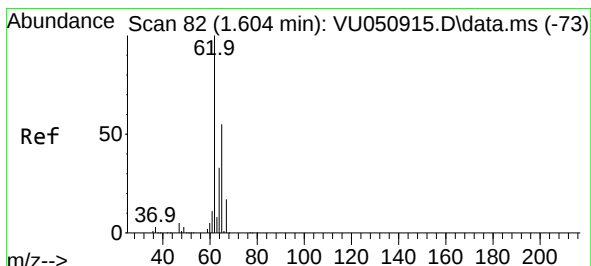
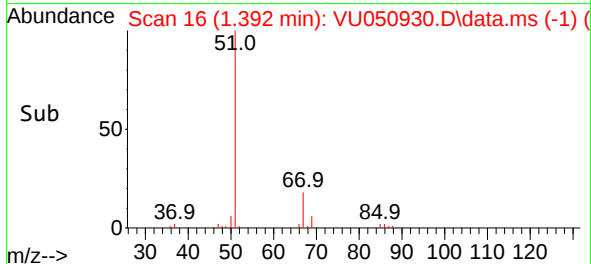
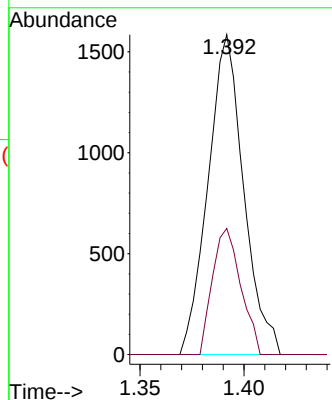
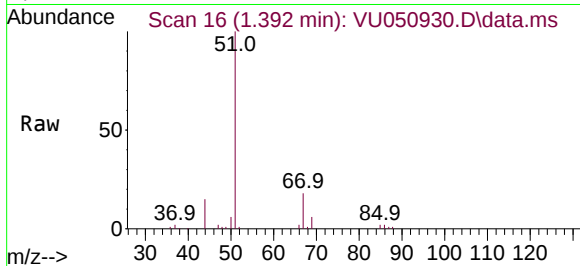




#2
Dichlorodifluoromethane
Concen: 0.488 ug/L
RT: 1.392 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

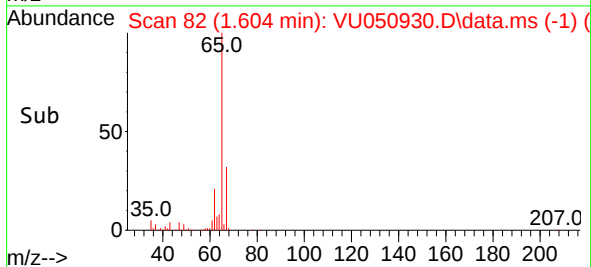
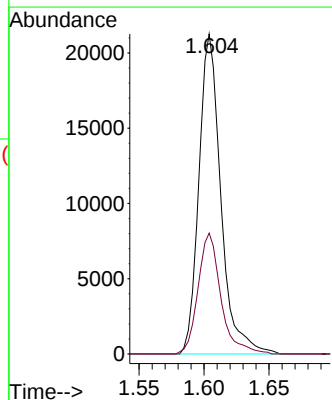
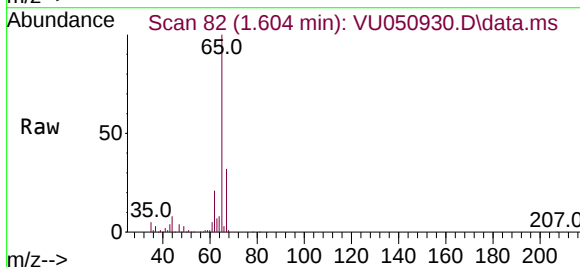
Instrument :
MSVOA_U
ClientSampleId :

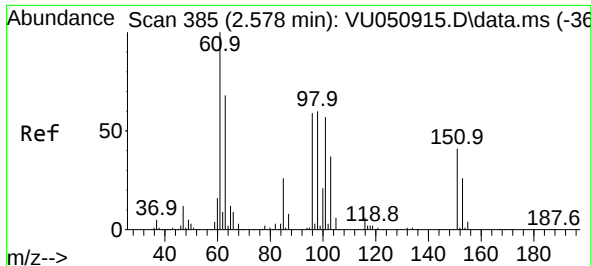
Tgt Ion: 85 Resp: 1887
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.8



#5
Vinyl chloride
Concen: 5.688 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

Tgt Ion: 62 Resp: 25042
Ion Ratio Lower Upper
62 100
64 37.8 22.2 41.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.601 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU050930.D

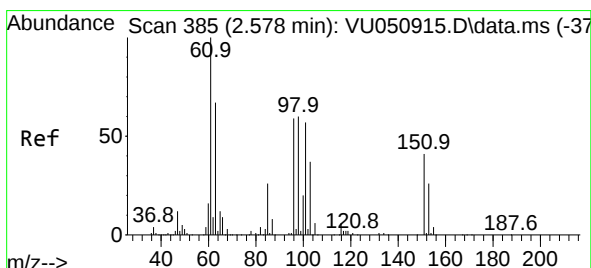
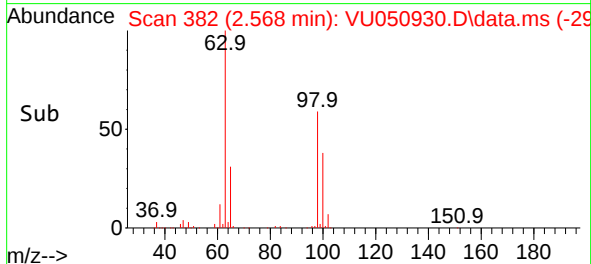
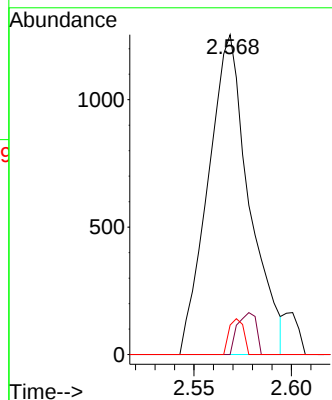
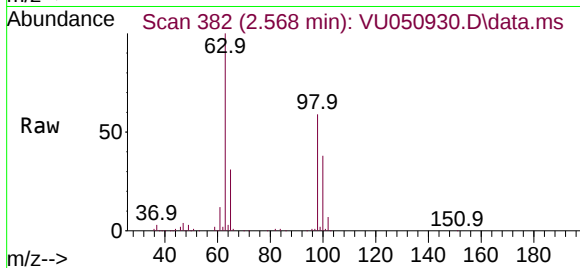
Acq: 23 Sep 2022 19:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1837
Ion	Ratio	Lower	Upper
101	100		
85	6.0	35.1	52.7#
151	3.9	56.6	84.8#



#12

1,1-Dichloroethene

Concen: 0.648 ug/L

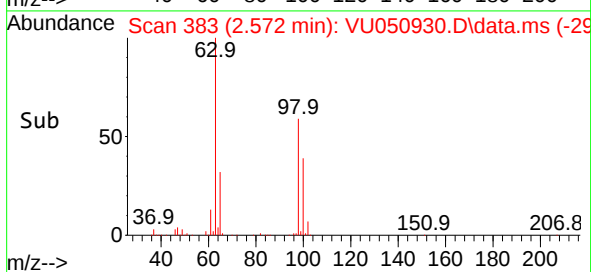
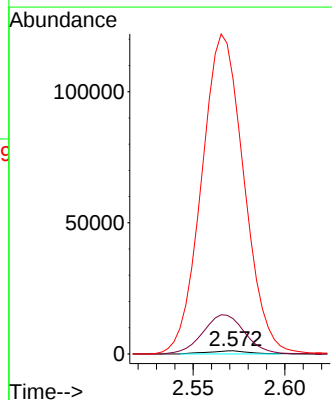
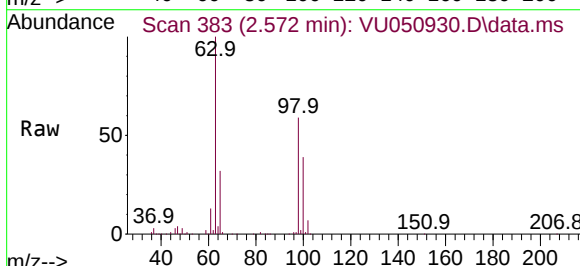
RT: 2.572 min Scan# 383

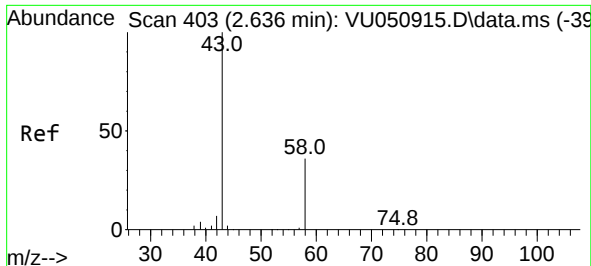
Delta R.T. -0.006 min

Lab File: VU050930.D

Acq: 23 Sep 2022 19:28

Tgt Ion:	96	Resp:	1860
Ion	Ratio	Lower	Upper
96	100		
61	1119.7	118.6	220.2#
63	8728.2	90.4	168.0#





#13

Acetone

Concen: 2.183 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU050930.D

Acq: 23 Sep 2022 19:28

Instrument :

MSVOA_U

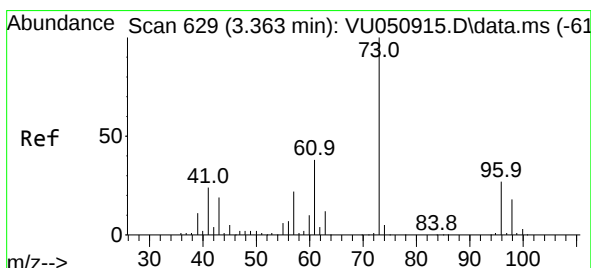
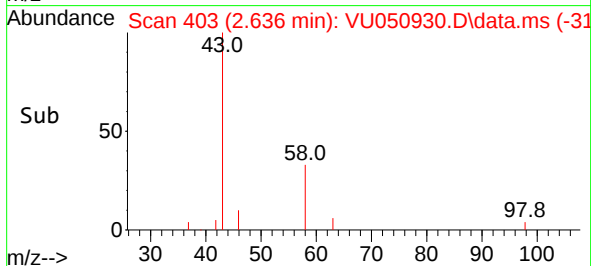
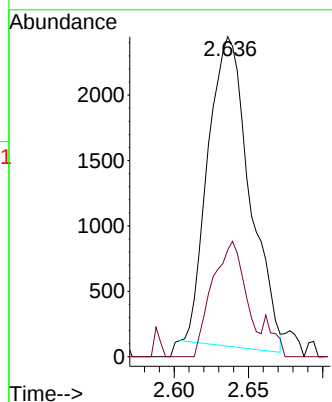
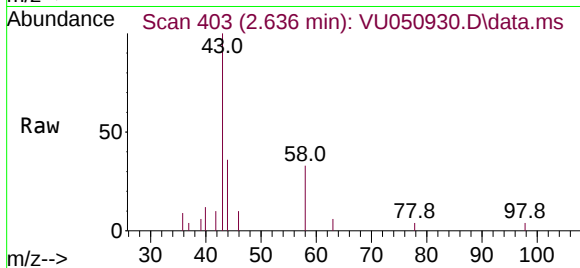
ClientSampleId :

Tgt Ion: 43 Resp: 4618

Ion Ratio Lower Upper

43 100

58 30.0 0.0 71.4



#18

Methyl tert-butyl Ether

Concen: 3.334 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050930.D

Acq: 23 Sep 2022 19:28

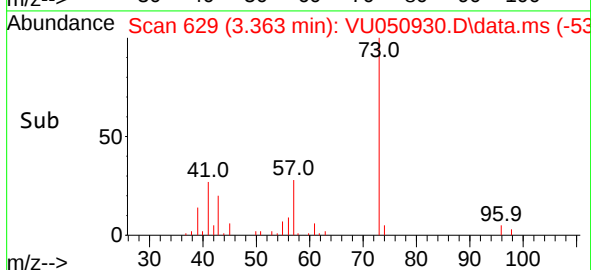
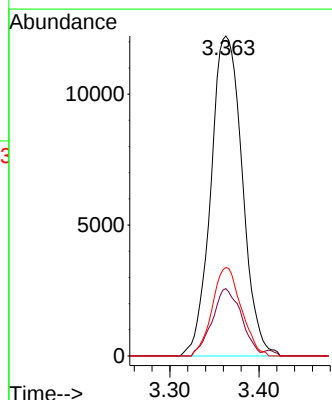
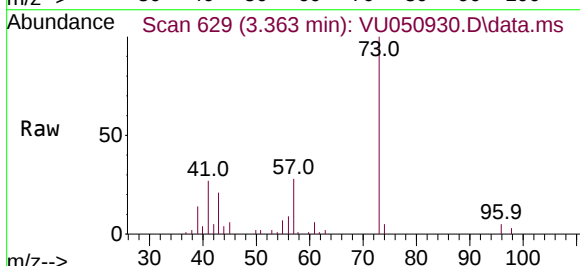
Tgt Ion: 73 Resp: 29921

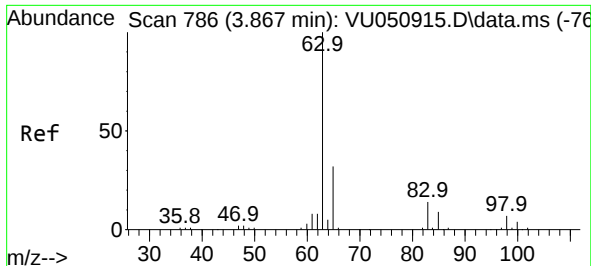
Ion Ratio Lower Upper

73 100

43 19.6 14.4 21.6

57 25.6 18.6 27.8





#19

1,1-Dichloroethane

Concen: 0.504 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU050930.D

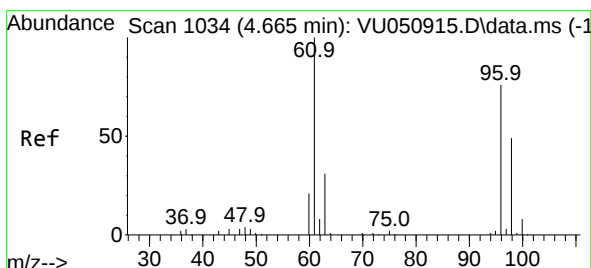
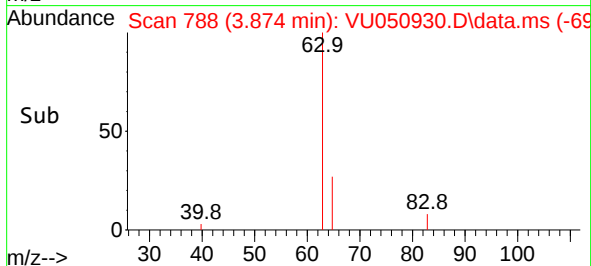
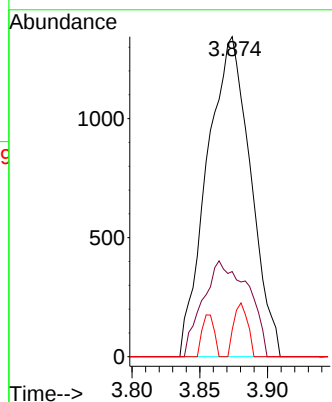
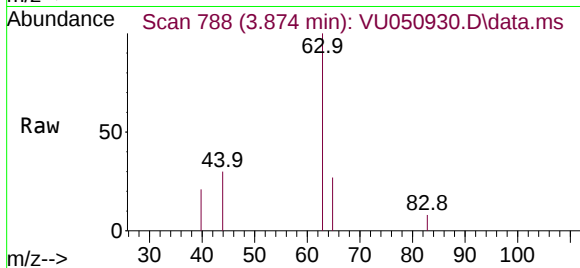
Acq: 23 Sep 2022 19:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 2995
Ion Ratio	Lower Upper
63 100	
65 26.6	21.5 39.9
83 8.4	9.3 17.3#



#20

cis-1,2-Dichloroethene

Concen: 4.416 ug/L

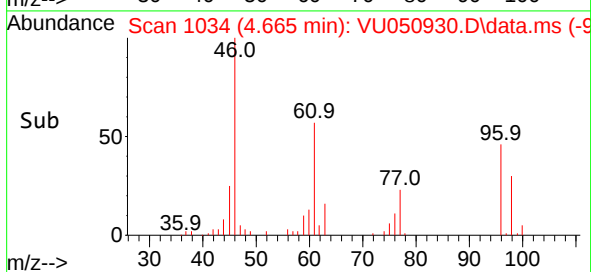
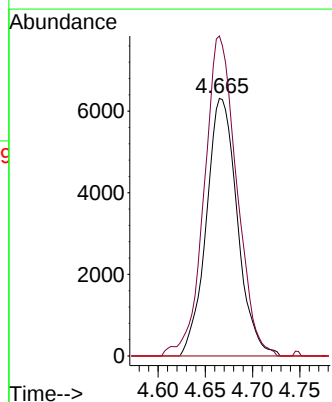
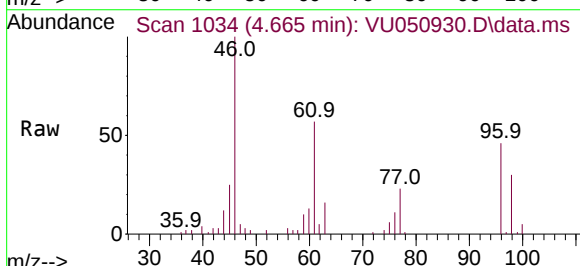
RT: 4.665 min Scan# 1034

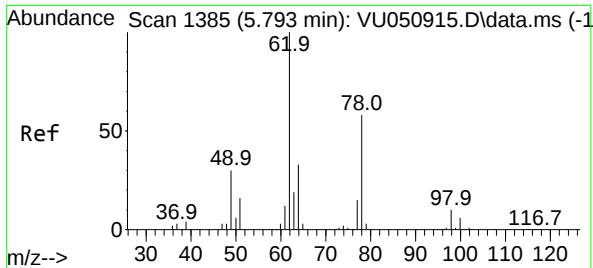
Delta R.T. 0.000 min

Lab File: VU050930.D

Acq: 23 Sep 2022 19:28

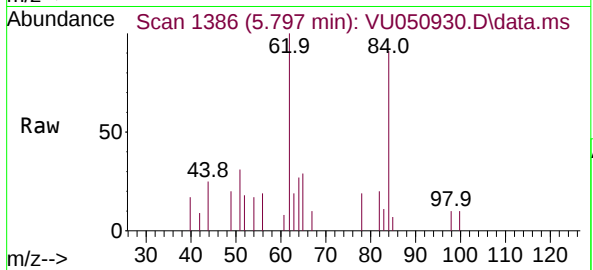
Tgt Ion: 96	Resp: 14413
Ion Ratio	Lower Upper
96 100	
61 124.2	90.1 167.3
68 0.0	0.0 0.0





#27
1,2-Dichloroethane
Concen: 0.629 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 62 Resp: 2833
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0

